

**ROBUS®**





**WE ALWAYS  
DO WHAT WE SAY  
WE WILL DO**





## OUR VISION

At ROBUS, we are driven by our vision of being our customers' most trusted LED lighting brand. To achieve this, we drive a culture of continuous improvement with our people and create a 'best-in-class' mindset across our business. Through this we will naturally live our value proposition. This is why our customers always TRUST ROBUS.



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**NEIL DE JAGER**  
MANAGING DIRECTOR



# WELCOME TO ROBUS

Dear Customer,

As you page through our catalogue, I hope you learn more about the qualities that make ROBUS a distinctive LED lighting brand.

With over 39 years of experience in the lighting industry, the ROBUS brand is available from all leading wholesalers across Australia, New Zealand, the UK, Ireland, France, Belgium, Netherlands, Portugal and even Mauritius. Built around strong commitments to customers, employees and the environment, our leadership vision brings together what we believe are the essential prerequisites for maintaining the long-term health and growth of ROBUS: **“Make ROBUS the most trusted LED lighting brand in the industry.”**

Whilst the Electrical industry has changed since we started our journey in Australia 13 years ago, our commitments to our customers have remained constant within our business:

- **We only supply through the Electrical Wholesale channel**
- **Our promise to our Customers are:**
  - We're easy to deal with
  - We supply high-quality, reliable lighting products
  - We deliver market-led product innovation
  - We prioritise our Customer's profit retention

**We earn the trust and respect of our customers for one simple reason – we have great people.**

Our long-term sustainability and economic performance rely on our people's exceptional talent, skill and passion. They bring a strong service ethos to every customer engagement and take pride and ownership in everything they do.

**Accountability, Ambition, Customer Focussed, Empowerment and Fast Paced are the guiding principles that define our culture and daily operations.** These Corporate Values reflect how we interact with customers, colleagues and the community. We hold each other accountable for creating a brand that we can all be proud to represent.

**We recognise the importance of our environmental sustainability responsibility and believe our ambitions can create momentum and activate change.** Our sustainability team has taken significant steps to reduce our carbon footprint, from replacing our packaging with eco-friendly materials to modifying how we ship finished goods to our customers.

**We embrace emerging technologies and the benefits they bring.** We leverage these technologies to develop enduring products with low energy, low maintenance and superior performance to keep our customers at the leading edge while reducing carbon emission.

Finally, we're excited to capitalise on our growth momentum. We believe in our brand's strength, the lighting industry's growth potential and the actions we're taking in 2023 and 2024 and beyond.

**We thank you for your support and hope you continue your journey with us.**

**NIEL DE JAGER**  
Managing Director Australia & New Zealand





**ONE OF MY BIGGEST ACHIEVEMENTS WAS, WITH THE SUPPORT AND COOPERATION FROM MANY OTHER TEAMS IN THE BUSINESS, DEVELOPING THE ROBUS VEGAS LED FLEXI-STRIP RANGE WHICH CONTINUES TO BE AN INDUSTRY BEST SELLER.**

**Malwina Albińska**  
SENIOR PROJECT MANAGER

*Mal*



**VEGAS LED FLEXI-STRIP**  
BRINDABELLA BUSINESS PARK, AUSTRALIA






**I KNOW THAT A  
CUSTOMER'S TRUST  
IS EVERYTHING.  
FOR ME THAT  
MEANS BEING  
ACCOUNTABLE  
AND FIXING  
ANY MISTAKES  
AND FAST. I  
LOVE GIVING  
CUSTOMERS  
PEACE OF MIND,  
IT'S WHAT  
MOTIVATES ME.**

*Gerry*

**GERRY BOOYSEN**  
VICTORIA & TASMANIA STATE MANAGER



A portrait of Ronel Weldhagen, a woman with long brown hair, smiling. She is wearing a purple and red patterned top and a gold necklace with a cross. The background is white.

**I'M ALL ABOUT  
THE PEOPLE AND  
FAST RESPONSES.  
THAT'S WHY I  
LOVE WORKING  
IN ROBUS. WE  
TAKE CARE OF  
EACH OTHER  
AND OUR  
CUSTOMERS.  
THAT'S WHAT  
MAKES US  
DIFFERENT.**

*Ronel*

**RONEL WELDHAGEN**  
FINANCE MANAGER



**I GET EXCITED ABOUT  
PROCESS! WORKING  
CLOSELY WITH  
SUPPLIERS AND  
THE TEAM I MAKE  
SURE WE APPLY  
A CERTIFIED  
ISO PROCESS SO  
OUR PRODUCTS  
MAINTAIN THE  
STANDARD  
AND QUALITY  
CUSTOMERS  
EXPECT.**

*Susan*

**Susan Hughes-Coleman**  
ASSISTANT TECHNICAL & QUALITY MANAGER



# SUSTAINABILITY

## WHAT ARE WE DOING TO BECOME MORE SUSTAINABLE?

ESG Project was launched in September 2021 with the aim of developing a cohesive company wide system to manage the seven core subjects of ESG as per the ISO26000:2010 guidelines.

### ORGANISATIONAL GOVERNANCE



Establishing a global team that will map out short, medium and long term goals and objectives for the ESG Project.

### LABOUR PRACTICES



Managing all policies and practices relating to work performed within, by or on behalf of the organisation, including subcontracted work in accordance with international labour laws.

### HUMAN RIGHTS



With the aim of respecting & maintaining human rights we are further developing the policies and practices currently in place to improve the fundamental principles and rights at work both internally and within our sphere of influence.

### FAIR OPERATING PRACTICES



Ensure that the company behaves ethically in all business dealings, promotes honest, transparent work practices and works with its business partners to prevent corruption.



### THE ENVIRONMENT

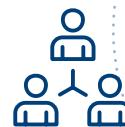
Further expanding our environmental management system to negate any negative impact caused by the organisation's activities and actions including:

- Moving to a fully EV / PHEV fleet of company vehicles
- Only using carriers with certified EMS's (EG. ISO14000)
- Optimising our deliveries
- Reviewing all packaging to eliminate single use or non-recyclable plastics
- Carbon neutral since 2022

### CONSUMER ACTIONS

Ensuring that our customers are respected and protected through the provision of high quality, safe and accurately marketed products including

- Maintaining our certified QMS (Quality Management System) as per ISO90001 and LIAQA Certification
- Ensuring new product development focusses on delivering high quality, safe, reliable, energy efficient (LED) and sustainable products.



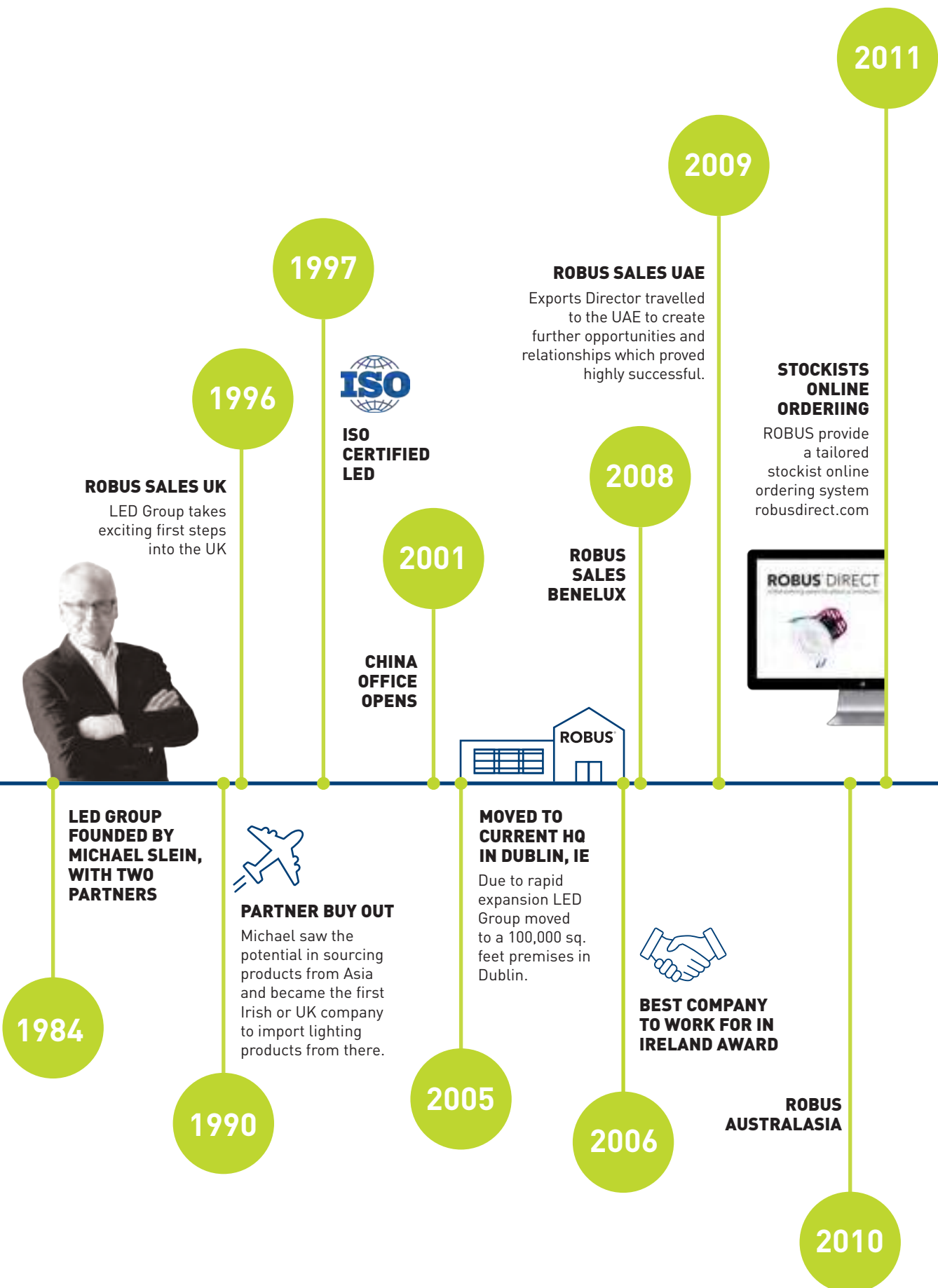
### COMMUNITY INVOLVEMENT & DEVELOPMENT

From a lighting industry perspective ROBUS are highly involved with the LIA and LAI. In terms of community development, we support and encourage a number of local charities including SOAR, Together Academy and The Down Syndrome Centre to educate our staff on the organisations needs and goals.





# LED GROUP TIMELINE





# LED GROUP TIMELINE

2013

## VISITOR CENTRE

Dublin HQ opens our first state of the art visitor centre, with products on display & a meeting venue for customers & customer's customers. Our house is your house!

2014

**ROBUS SALES  
FRANCE,  
BALTICS &  
SCANDINAVIA**

2017

## ROBUS GO

The ROBUS GO loyalty app for electrical contractors was launched.



## ROBUS ACHIEVES RECORD SALES



## ROBUS HUMANITAS LAUNCHES

ROBUS HUMANITAS  
a human centric  
lighting system

2021



**ROBUS IS  
CARBON  
NEUTRAL**

**ROBUS  
LINX**

## ROBUS LINX LAUNCHES

ROBUS LINX is a  
commercial smart  
lighting system

**Deloitte**

**DELOITTE BEST  
MANAGED  
COMPANIES AWARD**



**DISTRIBUTION  
CENTRES  
(UK & NZ)**



**INNOVATION  
CENTRE  
OPENS IN  
DUBLIN HQ**



**ISO 14001  
CERTIFICATION**

**ROBUS**  
connect

**ROBUS CONNECT  
LAUNCHES**

2012

**ROBUS SALES  
NEW ZEALAND**

2015-  
2022

2018

2019



# WHAT OUR CUSTOMERS SAY



We prefer to use ROBUS products over other brands due to the quality & reliability of their products. The ROBUS range of products meets our requirements, and we can be confident they are tested and certified for use in Australia.

**DAVID SHRIPLIN, MAINTENANCE/SERVICE MANAGER.**  
**TAD-MAR ELECTRICAL**  
SOUTH AUSTRALIA

I have been using ROBUS products for their reliability and quality. I am also updated about new products and product improvements from the ROBUS sales manager in my area which is an excellent service.

**AARON JOHNSTON, DIRECTOR.**  
**AJS ELECTRICAL SERVICES**  
BRENDALE, QUEENSLAND

IMAGE: 4WD Supa Centre



We use ROBUS as their products are manufactured to a high quality and they have a wide range of products. They have locally based representatives, and their people are always willing to assist us when needed.

**JOSH HATZIATHANASIOU, DIRECTOR.**  
**J&C ELECTRICAL**  
NEW SOUTH WALES





## TESTIMONIALS



I enjoy using ROBUS for their easy-to-install products, reliability, frontline customer support, added services like lighting designs and the ROBUS GO rebate app.

**GRIGGS ELECTRICAL**  
TASMANIA



We enjoy working with ROBUS because the product is high quality, and the company is easy to deal with. We have excellent local support from our ROBUS Sales Manager and can rely on him when needed most. We can trust ROBUS and prefer to use them over other brands in the market.

**MELVIC ELECTRICS**  
MELBOURNE, VICTORIA



### HOW LONG HAS HE BEEN A ROBUS USER?

Twin Sparks has been a user of ROBUS products since their inception into the Australian market

around 2011. We became a volume user in 2020 using the Robus IPART-approved fittings for many NSW Energy Savings Scheme projects, including car dealerships, workshops, commercial dealerships, etc.

### WHY DO YOU USE ROBUS?

Twin Sparks were drawn to the ROBUS product for a few reasons. The service from Mike Ferraz is second to none, assisting with the assessment of sites and turning the quotes around in a day, complete with product sheets for the lights selected for the application(s). The product is well made, and the site technicians' feedback regarding the ease of installation is extremely positive. The cost-effective options also have

aided us in winning more projects and getting the Robus product into the market.

### ANY CLIENT FEEDBACK?

The client feedback is extremely positive. Noting the massive lighting improvements in the areas where we are replacing like-for-like in an existing environment. They also have commented on the cost-effectiveness of the product.

### ANYTHING ELSE HE WOULD LIKE TO SHARE;

ROBUS' catalogue/range is just right, with the right amount of fittings in the Australian market. They pretty much cover most fittings that a contractor needs. The company is very receptive to suggestions from contractors regarding minor deficiencies within their products and almost immediately rectifies these in the next batch. It's almost unheard of by manufacturers, which is huge in my book. It's almost unheard of by manufacturers, which is huge in my book.

**STEVE CRONIN**  
**TWIN SPARKS**  
NEW SOUTH WALES



## NEW PRODUCTS

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### **HORIZON LINEAR**

**PAGE 44**

These sleek linear fittings are great for any application with their attractive design, UGR<19 and CCT3 options.



### **FRANKLIN**

**PAGE 70**

The new street lantern constructed of die cast aluminum and complete with a 5-year warranty offers a sleek and reliable solution ideal for car parks, roads, park alleyways and internal driveways.

### **NOVA LED HIGH BAY**

**PAGE 50**

The new slim, lightweight high bay which comes pre-wired with a 2m rubber flex and plug.

### **NOVA LED MULTIBAY**

**PAGE 51**

Our new highbay is multi-wattage via a switch on the back of the fitting, with a slim and sleek design.





## NEW PRODUCTS

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### **PRISMOID LINEAR HI-RACK**

**PAGE 72**

This IP65 and IK10 rated luminaire is the latest solution ideal for both high rack and highbay applications. With a high lumen and high efficacy, it provides optimal illumination while being energy efficient.



### **VEGAS 24V RGBW**

**PAGE 120**

The new VEGAS RGBW colour changing strip is available in 3000K and 4000K and in both IP20 and IP67 options.

### **VEGAS EXPRESS PRO**

**PAGE 110**

VEGAS Express Pro is available in 1, 3 and 5 metre packs, in both IP20 and IP67 options: pre-wired for a quick and seamless installation.



### **VEGAS 24V COB FLEXI-STRIP**

**PAGE 122**

The industry leading flexi-strip is now available in two new options:

- 7W option, offering the same dot less effect with softer illumination.
- RGB for a constant stream of colourful light





## NEW PRODUCTS

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### VEGAS COB LED STRIP KIT

PAGE 139

Suitable for use in a residential setting, the VEGAS COB strip kit comes fully equipped with all the necessary accessories to create the perfect mood lighting and create a decorative atmosphere.



### VEGAS EASY CLIP CONNECTORS

PAGE 141

Our redesigned high-quality connectors have been engineered from the ground up to make connecting our flexi strip that much easier. An added feature is built-in LEDs so coupling flexi strip doesn't mean a break in light.

### VEGAS EXTRUSIONS

PAGE 144

A wide range of new extrusions to house your VEGAS strips and create a dot less effect for all IP20 and IP67 options.

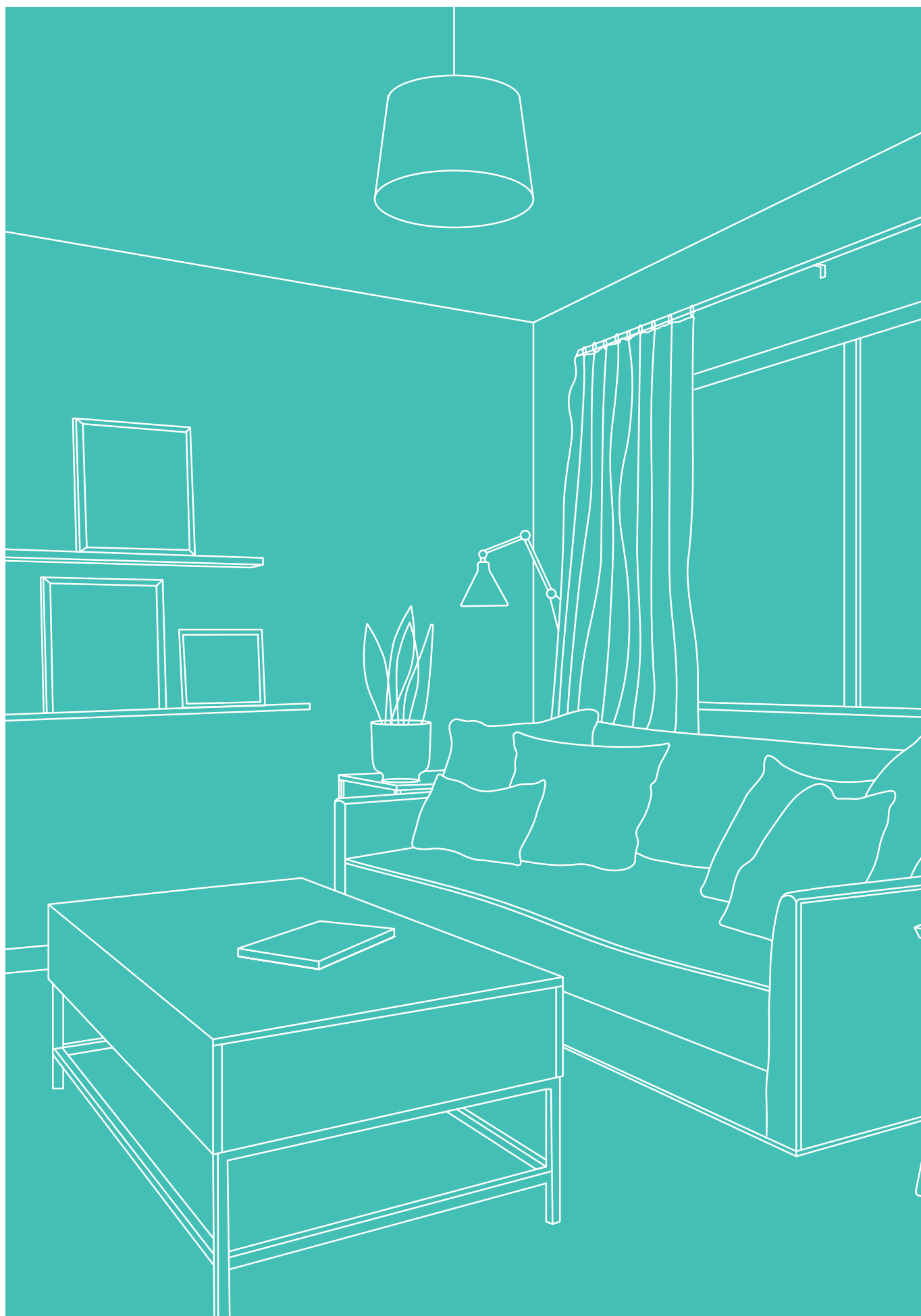
### SUSPENDED EXTRUSIONS

PAGE 147

Our new suspended extrusions are suitable for use with our VEGAS, VEGAS AC and VEGAS COB ranges. Complete with diffuser cable, accessories, end caps and linking brackets.









# ROBUS CONNECT

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PULSE CONNECT





# SMART HOME SYSTEM

ROBUS CONNECT is a cloud based smart home system that transforms the way you interact with lights in your home or office.

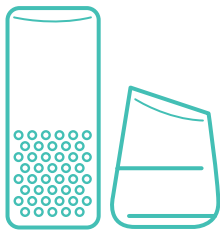
ROBUS CONNECT compatible products will work without the need for a hub.







# Cloud Connection



## ALEXA & GOOGLE HOME

ROBUS CONNECT is compatible with Amazon Alexa and Google Assistant. Just search for Smart Life in your Alexa or Google Home companion App. This allows you to:

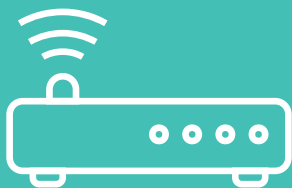


## GROUP OTHER CLOUD-BASED DEVICES

If you own other Alexa or Google Assistant smart products you can use them alongside your ROBUS CONNECT devices.

## VOICE CONTROL

"Hey Google, set my ROBUS downlights to warm white" or "Alexa, set my ROBUS Flexi-strip to red".



## 2.4GHZ WIFI

All ROBUS CONNECT devices require a 2.4GHz WIFI network to connect to. Please note that if you have a 5GHz router it will have a 2.4GHz band running as well.

To pair your devices you will need to make sure your phone is connected to the 2.4GHz network, The ROBUS CONNECT App will alert you if you are not.

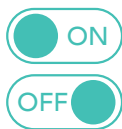
Some routers have different network names for the 2.4GHz and 5Ghz networks making it easy to select the correct one. If your router doesn't have the networks separated then the easiest thing to do is log in to the router settings page and disable the 5GHz network during pairing. If this cannot be disabled there are some things to try:

- Move your phone further from the router so it loses 5GHz connectivity
- Use an older phone/tablet with 2.4GHz WIFI only to pair devices
- Pair devices to a mobile hotspot with the same network name and password as the WIFI network



## ROBUS CONNECT

### THE BENEFITS



#### ON/OFF

Wouldn't it be so much cooler if you could turn your devices on and off using your smart phone? Well, with ROBUS CONNECT you can.



#### GROUPING

Use your ROBUS CONNECT devices individually or group them so they can be controlled together. By room or reason.



#### SCHEDULES

You can set timers for all the ROBUS CONNECT light fittings in your home. Set them to come on when you usually get back from work or to turn off when you leave in the morning.



#### AUTOMATION

Create automations which make your ROBUS CONNECT devices respond to scenarios automatically. Set your lights to react to certain environmental conditions (temperature, humidity, sunrise etc.).



#### DIMMING

Control how bright your lights are at any time.



#### MULTI-USER

ROBUS CONNECT allows you to give control of your device to others, once they have internet connection.



#### COLOUR SELECT

Choose from a range of white colour temperatures and any other colour imaginable using your smartphone.



#### ENERGY SAVING

Controlling and/or scheduling your devices will ensure that none of them are left on when they don't need to be.



## ROBUS CONNECT

### THE BENEFITS



#### SET THE SCENE

Set the scene you want in your home or room. You can customise your own scenes. Once you have a lighting sequence that you want to repeat in the future you can save it in the ROBUS CONNECT App as a Scene, e.g. 'Wake Up', 'Chill Time', 'Homework', 'Movie Night'.



#### USE WITH THE CLOUD

You can link your ROBUS CONNECT devices with Google Home and Amazon Alexa to open your smart home lighting system for infinite possibilities.



#### MULTI-LOCATION

As long as you have an internet connection, you can have complete control of your fitting from anywhere in the world. Never worry whether you left a device on before you went on holiday.

Alexa, set  
strip light  
to red



Alexa, set kitchen  
to warm white



Scan here to download the  
ROBUS CONNECT app





# ROBUS CONNECT RX CONNECT

## RX CONNECT 200W WIFI DIMMER

Transform existing dimmable light fittings to WIFI controllable by wiring the ROBUS RX CONNECT Dimmer. If you recently replaced the light fittings in your home and would prefer not to replace all with WIFI Controllable fittings this is the perfect alternative option. Dimming level and on/off control of the RCRX200DS can be controlled by the app or by wiring in a retractive switch. A quick press for on/off and press and hold to dim up or down.



NO HUB  
REQUIRED

NO HUB  
REQUIRED

VOICE  
CONTROL

VOICE  
CONTROL

3 YRS  
WARRANTY

3 YRS  
WARRANTY

30,000  
HRS

RATED  
HOURS

IP  
20

IP RATING

OP  
220  
240

OPERATING  
VOLTAGE

SAFETY  
CLASS

SAFETY  
CLASS

### PRODUCT

### RCRX200DS

LED Load (W):	200
CCT Selectable:	No
Dimmer Type:	Trailing Edge
Connector:	PA10 Screw Terminals
Weight (kg)	0.096
Carton Qty:	96

### DIMENSIONS (mm)

	Length	Height/Depth	Width
RCRX200DS	120	25	68



Scan here for more  
product information  
and options





<b>NO HUB REQUIRED</b>	<b>VOICE CONTROL</b>	<b>3 YRS WARRANTY</b>	<b>30,000 HRS RATED HOURS</b>	<b>88-93 LmW LUMENS PER W</b>	<b>IP 44 IP RATING</b>	<b>OP 220 240 OPERATING VOLTAGE</b>	<b>90° BEAM ANGLE</b>	<b>2700 6500 CCT</b>	<b>SAFETY CLASS</b>
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ICF

## PRODUCT

**RC9CCTWIFINZ-01**

<b>Total Power (W):</b>	6.5-6.7
<b>Total Light Output (lm):</b>	580-600
<b>Efficacy (lm/cctW):</b>	88-93
<b>CCT (K)</b>	2700-6500
<b>CCT Selectable:</b>	Continuously variable
<b>CRI:</b>	80
<b>Connector:</b>	3way push-in
<b>Weight (kg)</b>	0.23
<b>Carton Qty:</b>	40

## DIMENSIONS (mm)

RC9CCTWIFINZ-01

## Height/Depth

70

## Diameter

108

## Cut-out

92

## ACCESSORIES

RC9TRIM-04	TAYLOR Trim For 92mm Cut Out, Black
RC9TRIM-11	TAYLOR TRIM FOR 92MM CUT Out, Matte White
RC9TRIM-13	TAYLOR Trim For 92mm Cut Out, Brushed Chrome
RC9TRIM-15	TAYLOR Trim For 92mm Cut Out, Silver

# ROBUS CONNECT TAYLOR CONNECT

## TAYLOR 6.5W TUNABLE LED WIFI DIMMABLE DOWNLIGHT

This version of the ROBUSTAYLOR Downlight combines the great performance characteristics of the ROBUSTAYLOR with the latest in WIFI controllability using the ROBUSTAYLOR CONNECT App. This provides mobile phone and remote access control over the internet of ROBUSTAYLOR CONNECT products including on/off switching, tunable colour temperature, dim level, grouping and scene setting. Can also be controlled by Google Assistant and Amazon Alexa WIFI devices.



Scan here for more  
product information  
and options



# ROBUS CONNECT VEGAS CONNECT

## VEGAS CONNECT 240W, IP20, SINGLE COLOUR, RGB & RGBW

This WIFI Controller works with a selection of ROBUS VEGAS LED Flexi-strip drivers and LED Flexi-strip and is available in Single Colour, RGB and RGBW. Once wired, simply attach the ROBUS VEGAS LED Flexi-strip to any surface you desire - under cabinets, window displays, kitchen islands etc. You'll be able to set scenes using a variety of colour temperatures and a huge array of colour options.



NO HUB REQUIRED

VOICE CONTROL

3 YRS WARRANTY

30,000 HRS RATED HOURS

IP 20

OP 12 24

SAFETY CLASS

DIMENSIONS (mm)	Length	Height/Depth	Width
RVACCT1-WIFI	99	21	39
RVARGB-WIFI	99	21	39
RVARGBW-WIFI	99	21	39



Scan here for more product information and options



ROBUS CONNECT

VEGAS CONNECT

PRODUCT	RVACCT1-WIFI	RVARGB-WIFI	RVARGBW-WIFI
Total Power (W):	120   240	120   240	120   240
Colour:	White	RGB	RGBW
Weight (kg)	0.042	0.042	0.042
Carton Qty:	100	100	100



# ROBUS CONNECT PULSE CONNECT

## PULSE CONNECT 96W WIFI CONTROLLER, IP20, SINGLE COLOUR & RGB

This WIFI Single Colour or RGB Dimming Controller works with a selection of ROBUS VEGAS LED Flexi-strip drivers and VEGAS COB LED Flexistrip. Once wired, simply attach the ROBUS VEGAS COB LED Flexi-strip to any surface you desire - under cabinets, window displays, kitchen islands etc. You can control multiple controllers at once using the ROBUS CONNECT App.



NO HUB REQUIRED

NO HUB REQUIRED

VOICE CONTROL

VOICE CONTROL

3 YRS WARRANTY

3 YRS WARRANTY

30,000 HRS RATED HOURS

30,000 HRS RATED HOURS

IP 20 IP RATING

IP 20 IP RATING

OP 12 24 OPERATING VOLTAGE

OP 12 24 OPERATING VOLTAGE

SAFETY CLASS III

SAFETY CLASS III

PRODUCT	R5MCCT1-WIFI	R5MRGB-WIFI
LED Load (W):	96	96
Colour:	White	RGB
Weight (kg)	0.016	0.016
Carton Qty:	250	250

DIMENSIONS (mm)	Length	Height/Depth	Width
R5MCCT1-WIFI	204	10	23
R5MRGB-WIFI	204	10	23



Scan here for more product information and options











# COMMERCIAL

**36**

DALLAS LED BACKLIT PANEL

**38**

DALLAS UGR<19 PANELS

**40**

BARON LED CCT3 SELECTABLE  
BATTEN

**41**

BRAZEN LED CCT3 SELECTABLE  
BATTEN

**42**

DUKE2 LED CCT3 SELECTABLE  
MULTIWATTAGE BATTEN

**44**

HORIZON LINEAR



# COMMERCIAL DALLAS LED BACKLIT PANEL

## CONSTRUCTION:

- Aluminium powder coated housing
- Polystyrene diffuser
- Prewired with 1m flex and plug

## FEATURES & BENEFITS:

- Complete with low flicker driver
- Complete with switch enabling selection between 3000K, 4000K or 6500K colour temperature
- Fits into standard sizes of ceiling grid – 15mm and 24mm
- Uses Backlit luminaire construction design
- Wide operating ambient temperature range of -20°C to +40°C
- Suitable for switching by PIR, Microwave or Photocell
- DALI/ Switch Dim/ Phase dimmable drivers available (HED6045/D2, RMP30-PSU)



Scan here for more product information and options



WARRANTY	RATED HOURS	LUMENS PER W	IP RATING	OPERATING VOLTAGE	BEAM ANGLE	CCT	SAFETY CLASS

DIMENSIONS (mm)	Length	Height/Depth	Width
RDL30CCT36060F-01	595	32	595
RDL30CCT33012F-01	1195	32	295
RDL50CCT36012F-01	1195	32	595

## ACCESSORIES

HED6045/D2	Dali Switch Dim, 45W LED Current Selectable Driver w/ 30cm Cable +DC Connector
RMP30-PSU	30W Dimmable Driver
R6060RF-01	Plaster Boards Recessed Frame For 60x60 LED Panel, White
RDL6060SF-01	DALLAS Surface Mount Box Kit For 60x60 Panel White 70mm Deep Flat Pack
R1230RF-01	Plaster Boards Recessed Frame For 30x120 LED Panel, White
RDL3012SP-01	DALLAS Surface Mount Box Kit For 30x120 Panel White 68mm Deep Pre Assembled



# COMMERCIAL DALLAS LED BACKLIT PANEL

PRODUCT	RDL30CCT36060F-01	RDL30CCT33012F-01
Total Power (W):	30.7   29.0   31.2	30.7   28.9   31.0
Total Light Output (lm):	3190   3530   3260	3100   3430   3160
Efficacy (lm/cctW):	104   122   105	101   119   102
CCT (K)	3000   4000   6500	3000   4000   6500
CCT Selectable:	Selectable	Selectable
CRI:	80	80
Operating Temperature (°C):	-20+40	-20+40
Weight (kg)	1.68	1.82
Carton Qty:	5	5

PRODUCT	RDL50CCT36012F-01
Total Power (W):	49.3   46.0   50.2
Total Light Output (lm):	5230   5680   5340
Efficacy (lm/cctW):	106   123   106
CCT (K)	3000   4000   6500
CCT Selectable:	Selectable
CRI:	80
Operating Temperature (°C):	-20+40
Weight (kg)	4.45
Carton Qty:	2



# COMMERCIAL DALLAS UGR<19 PANELS

### CONSTRUCTION:

- Aluminium powder coated housing
- Polystyrene diffuser
- Prewired with 1m flex and plug

### FEATURES & BENEFITS:

- UGR<19 low direct glare for increased eye comfort making it optimal for reading, writing and computer based tasks in offices, schools and other areas
- Complete with low flicker driver
- High efficiency with minimal flicker
- Uses Backlit luminaire construction design
- Wide operating ambient temperature range of -20°C to +40°C
- Suitable for switching by PIR, Microwave or Photocell
- DALI/Switch Dim/Phase dimmable drivers available (HED6045/D2, RMP30-PSU)
- Comes with seismic restraint



<b>5 YRS</b> WARRANTY	<b>50000</b> HRS RATED HOURS	<b>112-121</b> LmW LUMENS PER W	<b>IP 20</b> IP RATING	<b>OP 220-240</b> OPERATING VOLTAGE	<b>90°</b> BEAM ANGLE	<b>4000</b> CCT	<b>SAFETY CLASS</b>
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DIMENSIONS (mm)	Length	Height/Depth	Width
RDL30406060UGR-01	595	32	595
RDL30403012UGR-01	1195	32	295
RDL50406012UGR-01	1195	32	595

### ACCESSORIES

HED6045/D2	Dali Switch Dim, 45W LED Current Selectable Driver w/ 30cm Cable +DC Connector
RMP30-PSU	30W Dimmable Driver
R6060RF-01	Plaster Boards Recessed Frame For 60x60 LED Panel, White
RDL6060SF-01	DALLAS Surface Mount Box Kit For 60x60 Panel White 70mm Deep Flat Pack
R1230RF-01	Plaster Boards Recessed Frame For 30x120 LED Panel, White
RDL3012SP-01	DALLAS Surface Mount Box Kit For 30x120 Panel White 68mm Deep Pre Assembled



Scan here for more product information and options



# COMMERCIAL DALLAS UGR<19 PANELS

PRODUCT	RDL30406060UGR-01	RDL30403012UGR-01
Total Power (W):	29.7	28.6
Total Light Output (lm):	3490	3450
Efficacy (lm/cctW):	118	121
CCT (K)	4000	4000
CCT Selectable:	No	No
CRI:	80	80
Operating Temperature (°C):	-20+40	-20+40
Weight (kg)	1.8	1.8
Carton Qty:	5	5

PRODUCT	RDL50406012UGR-01
Total Power (W):	49.9
Total Light Output (lm):	5600
Efficacy (lm/cctW):	112
CCT (K)	4000
CCT Selectable:	No
CRI:	80
Operating Temperature (°C):	-20+40
Weight (kg)	4.3
Carton Qty:	2



# COMMERCIAL BARON LED CCT3 SELECTABLE BATTEN

## CONSTRUCTION:

- Aluminium base
- White polycarbonate end caps
- Opaque polycarbonate diffuser

## FEATURES & BENEFITS:

- Suitable for use in apartment blocks, public buildings, care homes, communal areas, reception areas
- Colour temperature selectable, choose between 3000K, 4500K & 6500K
- LED replacement for 2x18W and 2x58W T8 fluorescent fittings
- Centre cable entry/rear access
- Low profile aluminium housing with polycarbonate end caps and diffuser
- Suitable for switching by external PIR, Microwave or Photocell



Scan here for more product information and options



<b>3 YRS</b>	<b>30000</b>	<b>85-129</b>	<b>IK 08</b>	<b>IP 20</b>	<b>OP 220 240</b>	<b>120°</b>	<b>3000 4500 6500</b>	<b>SAFETY CLASS</b>
WARRANTY	RATED HOURS	LUMENS PER W	IK RATING	IP RATING	OPERATING VOLTAGE	BEAM ANGLE	CCT	SAFETY CLASS

PRODUCT	RBN2006CCT3N-01	RBN4012CCT3N-01
Total Power (W):	19.2   18.4   19.1	39.2   37.2   39.2
Total Light Output (lm):	2010   2240   2160	3340   3960   3580
Efficacy (lm/cctW):	105   122   113	85   106   91
CCT (K)	3000   4500   6500	3000   4500   6500
CCT Selectable:	Selectable	Selectable
CRI:	80	80
Operating Temperature (°C):	-20+40	-20+40
Weight (kg)	0.5	0.9
Carton Qty:	10	10

PRODUCT	RBN6015CCT3N-01
Total Power (W):	52.5   50.6   52.1
Total Light Output (lm):	5910   6530   6290
Efficacy (lm/cctW):	112   129   121
CCT (K)	3000   4500   6500
CCT Selectable:	Selectable
CRI:	80
Operating Temperature (°C):	-20+40
Weight (kg)	0
Carton Qty:	6

DIMENSIONS (mm)	Length	Height/Depth	Width
RBN2006CCT3N-01	600	40	85
RBN4012CCT3N-01	1200	40	85
RBN6015CCT3N-01	1500	40	85





<b>3 YRS</b> WARRANTY	<b>30000</b> HRS RATED HOURS	<b>83-109</b> LmW LUMENS PER W	<b>IK 08</b> IK RATING	<b>IP 20</b> IP RATING	<b>OP 220 240</b> OPERATING VOLTAGE	<b>120°</b> BEAM ANGLE	<b>3000 4000 6500</b> CCT	<b>SAFETY CLASS</b>
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PRODUCT	RBZ4012CCT3-01	RBZ4012CCT3E-01
Total Power (W):	39.5   37.6   39.1	40.0   38.2   39.8
Total Light Output (lm):	3640   4090   3940	3330   3740   3510
Efficacy (lm/cctW):	92   109   101	83   98   88
CCT (K)	3000   4000   6500	3000   4000   6500
CCT Selectable:	Selectable	Selectable
CRI:	80	80
Operating Temperature (°C):	-20+40	0+40
Weight (kg)	1.8	2.2
Carton Qty:	4	4

DIMENSIONS (mm)	Length	Height/Depth	Width
RBZ4012CCT3-01	1250	60	160
RBZ4012CCT3E-01	1250	60	160

**EMERGENCY**  
RBZ4012CCT3E-01

Total Emergency  
Light Output (lm)  
210/210/220



## COMMERCIAL BRAZEN LED CCT3 SELECTABLE BATTEN

### CONSTRUCTION:

- White powder coated pressed steel base
- White polycarbonate end caps
- Opal diffuser

### FEATURES & BENEFITS:

- Standard & Emergency Version available
- Complete with switch enabling selection between 3000K, 4000K or 6500K colour temperature
- Terminal blocks allowing max 2.5mm<sup>2</sup> conductors
- Centre rear cable entry
- Emergency version – LiFeP04 Technology
- Rear BESA Box entry & end caps pre-marked
- Diffuser is clip on & screwless for quick install
- Both end caps have pre-marked 20mm diameter cut-out points allowing entry from plastic or metal conduit glands for wire through connection
- 1,250mm long and 160mm wide base, covering old luminaire footprint



Scan here for more  
product information  
and options



# COMMERCIAL DUKE2 LED CCT3 SELECTABLE MULTIWATTAGE BATTEN

### CONSTRUCTION:

- Powder coated pressed steel with polycarbonate end caps and diffuser
- Easy slide and click end caps
- Low flicker driver
- Base suitable for 25mm conduit entry

### FEATURES & BENEFITS:

- Colour temperature selectable, choose between 3000K, 4000K & 6500K
- Selectable between 4 different lumen outputs
- All sizes equipped with plug and play connectors allowing the plug-in emergency pack to be fitted in seconds
- Emergency pack with LiFePO4 battery technology
- Emergency version complies with AS2293.3
- RDKX12CCT3E-01 comes with emergency pack pre-installed
- RDKX12CCT3DP-01 Microwave sensor version with 3-step dimming function
- Large PA16 terminal block



Scan here for more product information and options



<b>5 YRS</b> WARRANTY	<b>50000</b> HRS RATED HOURS	<b>106-137</b> LmW LUMENS PER W	<b>IK 08</b> IK RATING	<b>IP 20</b> IP RATING	<b>OP 220 240</b> OPERATING VOLTAGE	<b>A 120°</b> BEAM ANGLE	<b>3000 4000 6500</b> CCT	<b>SAFETY CLASS</b>	<b>MULTI WATTAGE</b>
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DIMENSIONS (mm)	Length	Height/Depth	Width
RDKX06CCT3-01	650	74	74
RDKX12CCT3-01	1250	74	74
RDKX12CCT3DP-01	1250	74	74
RDKX12CCT3E-01	1250	74	74
RDKX15CCT3-01	1550	74	74

### ACCESSORIES

RHA2WEMSTA-PSU 2W 2 Hours Plug-in Emergency Pack With LiFePO4 And Self-Test For HARBOUR & DUKE 2

**EMERGENCY**  
RDKX12CCT3E-01

Total Emergency  
Light Output (lm)  
270/370/270





# COMMERCIAL DUKE2 LED CCT3 SELECTABLE MULTIWATTAGE BATTEN

PRODUCT	RDKX06CCT3-01			RDKX12CCT3-01		
Total Power (W):	14W	14.2   13.9   14.3		16W	16.6   16.3   16.7	
	18W	17.7   17.3   17.8		25W	24.0   23.5   24.2	
	21W	21.2   20.6   21.4		32W	30.6   30.0   31.1	
	25W	24.2   23.4   24.4		40W	36.7   35.5   37.3	
Total Light Output (lm):	14W	1720   1890   1940		16W	1960   2070   2150	
	18W	2090   2320   2350		25W	2940   3150   3240	
	21W	2430   2720   2760		32W	3730   4020   4100	
	25W	2670   3030   3040		40W	4380   4750   4830	
CCT (K)	3000   4000   6500			3000   4000   6500		
CRI:	80			80		
Operating Temperature (°C):	-20+40			-20+40		
Weight (kg)	0.94			1.6		
Carton Qty:	8			6		

PRODUCT	RDKX12CCT3DP-01			RDKX12CCT3E-01		
Total Power (W):	25W	25.8   25.3   25.9		16W	18.0   17.8   18.1	
	29W	28.5   28.0   28.7		25W	25.4   25.0   25.7	
	33W	32.0   31.3   32.2		32W	32.1   31.3   32.6	
	37W	34.9   34.0   35.1		40W	38.2   37.0   38.9	
Total Light Output (lm):	25W	3050   3280   3380		16W	1910   2020   2110	
	29W	3350   3640   3740		25W	2860   3070   3180	
	33W	3740   4070   4150		32W	3630   3920   4020	
	37W	4010   4400   4480		40W	4270   4630   4740	
CCT (K)	3000   4000   6500			3000   4000   6500		
CRI:	80			80		
Operating Temperature (°C):	-20+40			0+40		
Weight (kg)	1.6			1.82		
Carton Qty:	6			6		

PRODUCT	RDKX15CCT3-01		
Total Power (W):	33W	35.0   34.0   35.6	
	42W	44.2   43.0   45.0	
	51W	52.1   50.5   53.1	
	60W	59.1   57.1   60.3	
Total Light Output (lm):	33W	4390   4680   4830	
	42W	5380   5830   5960	
	51W	6190   6740   6800	
	60W	6830   7500   7520	
CCT (K)	3000   4000   6500		
CRI:	80		
Operating Temperature (°C):	-20+40		
Weight (kg)	1.92		
Carton Qty:	6		



# COMMERCIAL HORIZON LINEAR

## CONSTRUCTION:

- Black powder coated aluminium extruded housing
- RHR2540UGR-10 & RHR2540UGRDD-10 using PMMA lens reflector, RHR40CCT-10 & RHR40CCT3DD-10 using polycarbonate matt diffuser
- Stainless steel wall/ ceiling bracket

## FEATURES & BENEFITS:

- Available in standard and DALI dimmable
- Continuous linear lights – both surface mounted and suspended
- CCT3 selectable version is linkable up to 30pcs – max run 42m
- UGR<19 version is linkable up to 45pcs – max run 63m
- With down light as standard and plug and play up-light LED modules available as accessories
- High efficacy up to 140lm/W
- Complete with wall/ceiling mount bracket
- Available accessories: 1.5m AC silflex cable, 1.5m suspension cable, linking bracket, 1.5m DALI silflex cable



Scan here for more product information and options

**NEW**  
for 2023

**CCT**  
selectable



<b>5 YRS</b> WARRANTY	<b>50000</b> HRS RATED HOURS	<b>97-140</b> LmW LUMENS PER W	<b>IK 07</b> IK RATING	<b>IP 20</b> IP RATING	<b>OP 220-240</b> OPERATING VOLTAGE	<b>70-100°</b> BEAM ANGLE	<b>3000 4000 5700</b> CCT NO
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DIMENSIONS (mm)	Length	Height/Depth	Width
RHR2540UGR-10	1410	72	50
RHR2540UGRDD-10	1410	72	50
RHR40CCT3-10	1410	73	50
RHR40CCT3DD-10	1410	73	50

## ACCESSORIES

RHR2540-UP	HORIZON 25W 4000K Up Light Module Accessory
RHR40CCT3-UP	HORIZON 40W CCT3 Selectable Up Light Module Accessory
RHRLB	HORIZON Linking Bracket And Cover Accessory
RHR15	HORIZON AC Silflex 1.5m Cable Accessory
RHRSD15	HORIZON DALI Silflex 1.5m Cable Accessory
RHR15S	HORIZON 1.5m Suspension Kit Accessory



# COMMERCIAL HORIZON LINEAR

PRODUCT	RHR2540UGR-10	RHR2540UGRDD-10
Total Power (W):	26.2	26.5
Total Light Output (lm):	3570	3710
Efficacy (lm/cctW):	136	140
CCT (K)	4000	4000
CCT Selectable:	No	No
CRI:	80	80
Operating Temperature (°C):	-20+40	-20+40
Weight (kg)	2.1	2.4
Carton Qty:	6	6

PRODUCT	RHR40CCT3-10	RHR40CCT3DD-10
Total Power (W):	39.7   38.2   39.4	40.7   39.4   41.0
Total Light Output (lm):	3900   4210   3980	3960   4210   4010
Efficacy (lm/cctW):	98   110   101	97   107   98
CCT (K)	3000   4000   5700	3000   4000   5700
CCT Selectable:	Selectable	Selectable
CRI:	80	80
Operating Temperature (°C):	-20+40	-20+40
Weight (kg)	2.1	2.1
Carton Qty:	6	6



## HORIZON LINEAR



## HORIZON LINEAR









# INDUSTRIAL

**50**

NOVA LED HIGH BAY

**51**

NOVA LED MULTIBAY

**52**

SULTAN LED CORROSION PROOF

**56**

HARBOUR LED CORROSION PROOF

**62**

COSMIC LED FLOOD LIGHT

**64**

COSMIC ASYMMETRIC LED FLOOD  
LIGHT

**66**

SONICO LED MULTIBAY

**68**

FALCON LED WALL LIGHT

**70**

FRANKLIN AREA LIGHT

**72**

PRISMOID LED LINEAR HI-RACK



# INDUSTRIAL NOVA LED HIGH BAY

### CONSTRUCTION:

- Die cast aluminium body
- Hardened glass
- Stainless steel mounting eye

### FEATURES & BENEFITS:

- Full range to replace traditional metal halide luminaires up to 400W
- Slim and lightweight design
- High impact protection rating of IK07
- Wide operating temperature range
- Suitable for switching by PIR, Microwave or Photocell
- Prewired with 2m rubber flex and plug



<b>3 YRS</b> ✓	<b>30000</b> HRS	<b>126</b> LmW	<b>IK 07</b>	<b>IP</b> 65	<b>OP</b> 220 240	<b>A</b> 110°	<b>5000</b>	
WARRANTY	RATED HOURS	LUMENS PER W	IK RATING	IP RATING	OPERATING VOLTAGE	BEAM ANGLE	CCT	SAFETY CLASS

### PRODUCT

**RNV1550-04**

<b>Total Power (W):</b>	147.7
<b>Total Light Output (lm):</b>	18610
<b>Efficacy (lm/cctW):</b>	126
<b>CCT (K)</b>	5000
<b>CCT Selectable:</b>	No
<b>CRI:</b>	80
<b>Operating Temperature (°C):</b>	-20+45
<b>Weight (kg)</b>	1.5
<b>Carton Qty:</b>	4

### DIMENSIONS (mm)

RNV1550-04

### Height/Depth

50

### Diameter

260



Scan here for more  
product information  
and options





WARRANTY	RATED HOURS	LUMENS PER W	IK RATING	IP RATING	OPERATING VOLTAGE	BEAM ANGLE	CCT	SAFETY CLASS	MULTI WATTAGE

#### PRODUCT

#### RNVX50-04

Total Power (W):	97.5   141.5   189.4
Total Light Output (lm):	13540   18850   24020
Efficacy (lm/cctW):	138   133   127
CCT (K)	5000
CCT Selectable:	No
CRI:	80
Operating Temperature (°C):	-20+45
Weight (kg)	1.9
Carton Qty:	4

#### DIMENSIONS (mm)

RNVX50-04

#### Height/Depth

50

#### Diameter

300

## INDUSTRIAL NOVA LED MULTIBAY

#### CONSTRUCTION:

- Die cast aluminium body
- Hardened glass
- Stainless steel mounting eye

#### FEATURES & BENEFITS:

- Unique design allow single fitting to replace traditional metal halide luminaires from 200W to 400W
- Required wattage selectable via switch on the back
- Slim and lightweight design
- High impact protection rating of IK07
- Wide operating temperature range
- Suitable for switching by PIR, Microwave or Photocell
- Prewired with 2m rubber flex and plug



Scan here for more  
product information  
and options



# INDUSTRIAL SULTAN LED CORROSION PROOF

Sleek, slim and robust, the ROBUS SULTAN LED corrosion proof is a perfect LED retrofit solution where fluorescent corrosion proofs are used. The high strength opal diffuser delivers a superior evenly diffused light output perfect for use in car parks, cold stores, corridors and garages.

## FEATURES & BENEFITS:

### CORROSION PROOF

- Polycarbonate housing, diffuser and stainless steel clips provide optimal protection in severe conditions against water.

### SLIM PROFILE

- 83mm wide for single fittings  
103mm wide for double fittings.

### HIGH STRENGTH POLYCARBONATE BASE & DIFFUSER

- Wide beam angle and no glare
- Evenly diffused light.

### EASY INSTALLATION

- Wire through the back or from either end.

### COST EFFECTIVE

- 35% Energy Saving
- 50,000 hour rated LED life
- Reduced energy, maintenance and disposal costs.

### WIDE RANGE OF APPLICATIONS

- No heat filaments or electrodes Resistant to shock and vibration Withstands temperatures of -25°C to 40°C.

### PERFORMANCE DRIVEN

- Up to 133 lumens per circuit watt
- 5 year warranty.

### DIMMING OPTIONS

- Suitable for Analogue, DALI and Switch dimming.



Scan here for more  
product information  
and options



<b>5 YRS</b> WARRANTY	<b>50000</b> HRS RATED HOURS	<b>81-116</b> LmW LUMENS PER W	<b>IK 08</b> IK RATING	<b>IP 65</b> IP RATING	<b>OP 220 240</b> OPERATING VOLTAGE	<b>120°</b> BEAM ANGLE	<b>3000 4000 6500</b> CCT	<b>SAFETY CLASS</b>
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### PRODUCT

**RSU2406CCT3-24**  
**RSU2406CCT3E-24**  
**RSU4812CCT3-24**  
**RSU4812CCT3E-24**  
**RSU6015CCT3-24**  
**RSU6015CCT3E-24**

### DESCRIPTION

Double 0.6m, 24W  
Double 0.6m, 24W  
Double 1.2m, 48W  
Double 1.2m, 48W  
Single 1.5m, 60W  
Single 1.5m, 60W

### EMERGENCY

RSU2406CCT3E-24  
RSU4812CCT3E-24

### Total Emergency Light Output (lm)

350  
320

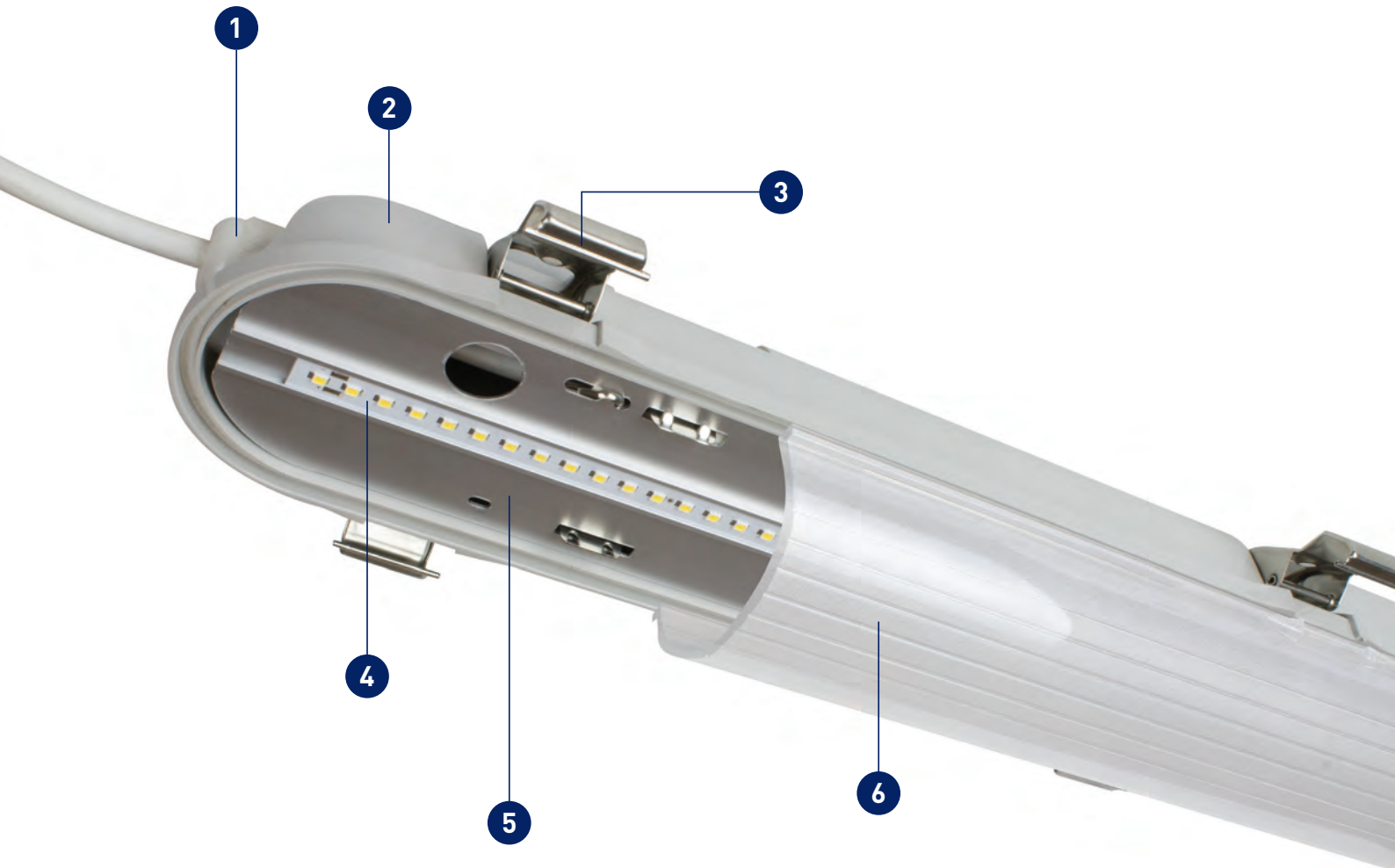


EMERGENCY  
WARRANTY

NiCad  
BATTERY



## INDUSTRIAL SULTAN LED CORROSION PROOF



### 1. CABLE GLAND ENTRY

Enables wiring through either end of the fitting for easy installation.

### 2. POLYCARBONATE BASE

Provides protection against impact, IK08.

### 3. STAINLESS STEEL CLIPS

Easy to secure the opal diffuser, anti-corrosion.

### 4. LED

High quality SMD LEDs delivering over 106 lumens per circuit watt.

### 5. ALUMINIUM LED MOUNTING TRAY

The perfect heat sink for the LEDs and control gear.

### 6. POLYCARBONATE DIFFUSER

Provides a wide beam angle and evenly diffused light.



# INDUSTRIAL SULTAN LED CORROSION PROOF

## CONSTRUCTION:

- Grey coloured polycarbonate body
- Opal polycarbonate diffuser
- Stainless steel clips
- Aluminium gear tray

## FEATURES & BENEFITS:

- Suitable for workshops, garages, warehouses, car parks, farm buildings, wet areas
- Flexible so will not crack when mounted on uneven surfaces
- Provides excellent light uniformity with less glare
- Less susceptible to failure due to building vibration caused by traffic or hot/cold temperature variations
- Provides ingress protection against dust and water jets
- Wide operating ambient temperature range of -25°C to 40°C



Scan here for more product information and options



<b>5<sup>YRS</sup></b> WARRANTY	<b>50000</b> HRS RATED HOURS	<b>81-116</b> LmW LUMENS PER W	<b>IK 08</b> IK RATING	<b>IP 65</b> IP RATING	<b>OP 220 240</b> OPERATING VOLTAGE	<b>120°</b> BEAM ANGLE	<b>3000 4000 6500</b> CCT	<b>SAFETY CLASS</b>
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DIMENSIONS (mm)	Length	Height/Depth	Width
RSU2406CCT3-24	632	77	103
RSU2406CCT3E-24	632	77	103
RSU4812CCT3-24	1232	77	103
RSU4812CCT3E-24	1232	77	103
RSU6015CCT3-24	1530	77	103
RSU6015CCT3E-24	1530	77	103

## EMERGENCY

RSU2406CCT3E-24
RSU4812CCT3E-24

Total Emergency Light Output (lm)
350
320





# INDUSTRIAL SULTAN LED CORROSION PROOF

PRODUCT	RSU2406CCT3-24	RSU2406CCT3E-24	RSU4812CCT3-24	RSU4812CCT3E-24
Total Power (W):	23.9   22.5   23.7	26.5   25.0   26.3	50.7   47.6   50.4	54.5   48.7   53.1
Total Light Output (lm):	2210   2600   2560	2220   2600   2550	4280   5120   5000	4380   5180   5120
Efficacy (lm/cctW):	93   116   109	84   104   97	85   108   100	81   107   97
CCT (K)	3000   4000   6500	3000   4000   6500	3000   4000   6500	3000   4000   6500
CCT Selectable:	Selectable	Selectable	Selectable	Selectable
CRI:	80	80	80	80
Operating Temperature (°C):	-25+40	-10+40	-25+40	-10+40
Weight (kg)	1.1	1.5	1.55	1.8
Carton Qty:	6	6	4	4

PRODUCT	RSU6015CCT3-24	RSU6015CCT3E-24
Total Power (W):	57.4   53.6   56.7	58.8   55.8   59.4
Total Light Output (lm):	5060   6040   5880	4900   6080   6010
Efficacy (lm/cctW):	88   113   104	84   109   101
CCT (K)	3000   4000   6500	3000   4000   6500
CCT Selectable:	Selectable	Selectable
CRI:	80	80
Operating Temperature (°C):	-25+40	-10+40
Weight (kg)	1.9	2.3
Carton Qty:	4	4



# INDUSTRIAL HARBOUR LED CORROSION PROOF

The ROBUS HARBOUR Corrosion Proof fittings consist of a high quality tridonic constant current driver which ensures optimum LED performance, life and reliability. Each fitting contains a gear tray, fixings and plug & play connectors allowing the 3 hour plug-in emergency pack with LiFePO4 to be fitted in seconds. This LiFePO4 battery technology means they will have prolonged emergency duration and extended discharge/charge cycles.

## FEATURES & BENEFITS:

### CORROSION PROOF

- IP65

### PLUG & PLAY EMERGENCY OPTION

- Provides high light output in emergency mode to ensure emergency lighting regulations are met

### COST EFFECTIVE

- 50,000 hour rated LED life
- Reduced energy, maintenance and disposal costs

### WIDE RANGE OF APPLICATIONS

- IP65 & IK08 suitable to be installed in wet and dusty environments
- Resistant to shock and vibration
- Withstands temperatures of -25° C to 40°C

### GOOD VISIBILITY

- 4,000K CCT and Ra of 80 means they are ideal for security cameras as used in many indoor or outdoor parking facilities



Scan here for more product information and options



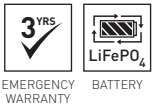
<b>3 YRS</b> WARRANTY	<b>30000</b> HRS RATED HOURS	<b>108-129</b> LmW LUMENS PER W	<b>IK 08</b> IK RATING	<b>IP 65</b> IP RATING	<b>OP 110 240</b> OPERATING VOLTAGE	<b>A 110-120°</b> BEAM ANGLE	<b>3000 4000 6500</b> CCT	<b>SAFETY CLASS</b>
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PRODUCT	DESCRIPTION
RHA1006CCT3-24	Single 0.6m, 10W
RHA2006CCT3-24	Double 0.6m, 20W
RHA2012CCT3-24	Single 1.2m, 20W
RHA4012CCT3110-24	Double 1.2m, 40W
RHA4012CCT3-24	Double 1.2m, 40W
RHA4012CCT3E-24	Double 1.2m, 40W
RHA5515CCT3-24	Double 1.5m, 55W

### EMERGENCY

RHA4012CCT3E-24

Total Emergency  
Light Output (lm)  
300/ 310/ 310





## HARBOUR LED CORROSION PROOF





# INDUSTRIAL HARBOUR LED CORROSION PROOF

### CONSTRUCTION:

- Grey coloured polycarbonate body
- Opal polycarbonate diffuser
- Stainless steel clips
- Aluminium gear tray

### FEATURES & BENEFITS:

- Suitable for workshops, garages, warehouses, car parks, farm buildings, wet areas
- Flexible so will not crack when mounted on uneven surfaces
- Provides excellent light uniformity with less glare
- Less susceptible to failure due to building vibration caused by traffic or hot/cold temperature variations
- Provides ingress protection against dust and water jets
- Wide operating ambient temperature range of -25°C to 40°C



<b>3 YRS</b> WARRANTY	<b>30000</b> HRS RATED HOURS	<b>108-129</b> LmW LUMENS PER W	<b>IK 08</b> IK RATING	<b>IP 65</b> IP RATING	<b>OP 110 240</b> OPERATING VOLTAGE	<b>110-120°</b> BEAM ANGLE	<b>3000 4000 6500</b> CCT	<b>SAFETY CLASS</b>
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DIMENSIONS (mm)	Length	Height/Depth	Width
RHA1006CCT3-24	650	70	72
RHA2006CCT3-24	650	70	117
RHA2012CCT3-24	1250	70	72
RHA4012CCT3110-24	1250	70	117
RHA4012CCT3-24	1250	70	117
RHA4012CCT3E-24	1250	70	117
RHA5515CCT3-24	1550	70	117

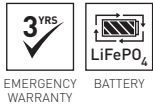
### ACCESSORIES

RHA2WEMSTA-PSU 2W 2 Hours Plug-in Emergency Pack With LiFePO4 And Self-Test For HARBOUR & DUKE 2

### EMERGENCY

RHA4012CCT3E-24

Total Emergency  
Light Output (lm)  
300/ 310/ 310



Scan here for more  
product information  
and options



# INDUSTRIAL HARBOUR LED CORROSION PROOF

PRODUCT	RHA1006CCT3-24	RHA2006CCT3-24	RHA2012CCT3-24	RHA4012CCT3110-24
Total Power (W):	9.8   9.5   10.0	19.0   18.4   19.2	19.5   18.8   19.8	38.7   37.5   39.9
Total Light Output (lm):	1110   1220   1160	2150   2370   2240	2100   2360   2180	4340   4800   4570
Efficacy (lm/cctW):	114   129   117	113   129   117	108   125   110	112   128   114
CCT (K)	3000   4000   6500	3000   4000   6500	3000   4000   6500	3000   4000   6500
CCT Selectable:	Selectable	Selectable	Selectable	Selectable
CRI:	80	80	80	80
Operating Temperature (°C):	-20+40	-20+40	-20+40	-20+40
Weight (kg)	0.6	0.9	1.1	1.5
Carton Qty:	12	12	8	6

PRODUCT	RHA4012CCT3-24	RHA4012CCT3E-24	RHA5515CCT3-24
Total Power (W):	37.1   38.9   37.6	38.7   37.6   39.4	54.7   52.7   55.6
Total Light Output (lm):	4300   4800   4490	4280   4760   4460	6090   6800   6360
Efficacy (lm/cctW):	110   126   113	110   127   113	111   129   114
CCT (K)	3000   4000   6500	3000   4000   6500	3000   4000   6500
CCT Selectable:	Selectable	Selectable	Selectable
CRI:	80	80	80
Operating Temperature (°C):	-20+40	-10+40	-20+40
Weight (kg)	1.55	1.75	1.9
Carton Qty:	6	6	6



## HARBOUR LED CORROSION PROOF



## HARBOUR LED CORROSION PROOF





# INDUSTRIAL COSMIC LED FLOOD LIGHT










### CONSTRUCTION:

- Black powder coated die cast aluminium body
- Tempered glass diffuser
- Cold Rolled and formed steel (SPCC) mounting bracket
- Stainless steel bracket screws

### FEATURES & BENEFITS:

- Manufactured from die cast aluminium body, SPCC steel bracket and stainless steel adjusting screws
- Tempered glass diffuser with 110-degree flood beam
- Self regulating drain valve on the fitting to stop condensation
- Utilises high quality 4000K SMD LED's with:
  - High luminous flux
  - Low power consumption
  - High efficacy
  - Long LED life
- Spigot accessory available for 300W fitting



 5 YRS WARRANTY	 50000 HRS RATED HOURS	 110-143 LmW LUMENS PER W	 IK 07 IK RATING	 IP 65 IP RATING	 OP 220-240 OPERATING VOLTAGE	 110° BEAM ANGLE	 4000 CCT	 SAFETY CLASS
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DIMENSIONS (mm)	Length	Height/Depth	Width
RCM3040-04	201	35	235
RCM5040-04	262	42	278
RCM10040-04	384	58	304
RCM13040-04	418	60	488
RCM17040-04	418	60	488
RCM30040-04	582	60	444

### ACCESSORIES

RCMS-04	COSMIC 300W LED Flood Light Spigot Accessory Black
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Scan here for more  
product information  
and options



# INDUSTRIAL COSMIC LED FLOOD LIGHT

PRODUCT	RCM3040-04	RCM5040-04	RCM10040-04
Total Power (W):	28.8	47.8	94.6
Total Light Output (lm):	3220	5260	11490
Efficacy (lm/cctW):	112	110	121
CCT (K)	4000	4000	4000
CCT Selectable:	No	No	No
CRI:	80	80	80
Operating Temperature (°C):	-20+40	-20+40	-20+40
Weight (kg)	1.1	1.6	3.5
Carton Qty:	10	5	3

PRODUCT	RCM13040-04	RCM17040-04	RCM30040-04
Total Power (W):	127	174.7	284.4
Total Light Output (lm):	18110	24770	39610
Efficacy (lm/cctW):	143	142	139
CCT (K)	4000	4000	4000
CCT Selectable:	No	No	No
CRI:	80	80	80
Operating Temperature (°C):	-20+40	-20+40	-20+40
Weight (kg)	5.9	6	11.5
Carton Qty:	2	2	1



# INDUSTRIAL COSMIC ASYMMETRIC LED FLOOD LIGHT

### CONSTRUCTION:

- Black powder coated die cast aluminium body
- Tempered glass diffuser
- Cold Rolled and formed steel (SPCC) mounting bracket
- Stainless steel bracket screws

### FEATURES & BENEFITS:

- 150x45 degree asymmetric beam angle
- Manufactured from die cast aluminium body, SPCC steel bracket and stainless steel adjusting screws
- Self regulating drain valve on the fitting to stop condensation
- Utilises high quality 4000K SMD LED's with:
  - High luminous flux
  - Low power consumption
  - High efficacy
  - Long LED life
- Spigot accessory available for 300W fitting



<b>5 YRS</b> WARRANTY	<b>50000</b> HRS RATED HOURS	<b>111-135</b> LmW LUMENS PER W	<b>IK 07</b> IK RATING	<b>IP 65</b> IP RATING	<b>OP 220 240</b> OPERATING VOLTAGE	<b>4000</b> CCT	<b>SAFETY CLASS</b>	<b>150x45°</b> BEAM ANGLE
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DIMENSIONS (mm)	Length	Height/Depth	Width
RCM5040AS-04	262	42	278
RCM9040AS-04	384	58	304
RCM12540AS-04	418	60	488
RCM17040AS-04	418	60	488
RCM30040AS-04	582	60	444

### ACCESSORIES

RCMS-04	COSMIC 300W LED Flood Light Spigot Accessory Black
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Scan here for more product information and options



# INDUSTRIAL COSMIC ASYMMETRIC LED FLOOD LIGHT

PRODUCT	RCM5040AS-04	RCM9040AS-04	RCM12540AS-04
Total Power (W):	51.6	88.8	130
Total Light Output (lm):	5740	10960	17370
Efficacy (lm/cctW):	111	123	134
CCT (K)	4000	4000	4000
CCT Selectable:	No	No	No
CRI:	80	80	80
Operating Temperature (°C):	-20+40	-20+40	-20+40
Weight (kg)	1.6	3.6	6
Carton Qty:	5	3	2

PRODUCT	RCM17040AS-04	RCM30040AS-04
Total Power (W):	166.6	288.9
Total Light Output (lm):	21310	39200
Efficacy (lm/cctW):	128	135
CCT (K)	4000	4000
CCT Selectable:	No	No
CRI:	80	80
Operating Temperature (°C):	-20+40	-20+40
Weight (kg)	6.1	11.8
Carton Qty:	2	1



INDUSTRIAL  
SONICO LED  
MULTIBAY

CONSTRUCTION:

- Die cast aluminium body
- Clear polycarbonate LED cover
- Stainless steel screws and fixings
- 2M flex and plug

FEATURES & BENEFITS:

- Full range to replace traditional metal halide up to 400W
- 4-in-1 Lumen / Wattage Select option: 100W (15,430Lm) / 120W (18,870Lm) / 150W (22,620Lm) / 200W (28,430Lm)
- With very high efficacy of up to 163lm/W and 4 wattages/lumen option, this fixture is the ultimate energy efficient replacement for traditional MH and MV highbay
- Even greater savings can be achieved using the optional ROBUS sensors.



WARRANTY	RATED HOURS	LUMENS PER W	IK RATING	IP RATING	OPERATING VOLTAGE	BEAM ANGLE	DIMMABLE	CCT	SAFETY CLASS	MULTI WATTAGE

PRODUCT	RSNX50DA4-04
Total Power (W):	94.6   118.7   147.1   195.0
Total Light Output (lm):	15430   18870   22620   28430
Efficacy (lm/cctW):	163   159   153   145
CCT (K)	5000
CCT Selectable:	No
CRI:	85
Operating Temperature (°C):	-25+45
Weight (kg)	3.62
Carton Qty:	1

DIMENSIONS (mm)	Height/Depth	Diameter
RSNX50DA4-04	213	306

ACCESSORIES	
D1-10	1-10V Dimmer
RSPMW	SONICO Plug-In Microwave Sensor
RSPMW-RC	SONICO Remote Control For RSPMW
RDLHRV-HMW32S	DAYLIGHT HARVEST Sensor 1-10V, Surface Mounted
RSNB4-L	SONICO Surface Mounting Bracket Accessory For Multibay High Bay



Scan here for more product information and options



## SONICO LED HIGHBAY





# INDUSTRIAL FALCON LED WALL LIGHT










### CONSTRUCTION:

- Die cast Aluminium base with integral heat sink
- Ribbed opaque polycarbonate diffuser with black top panel & internal reflector
- Retained stainless steel fixing screws

### FEATURES & BENEFITS:

- Housing design ensures light direction is horizontal and downward without unwanted upward light pollution
- Ideal for outdoor applications and is less susceptible to damage or vandalism
- Pre-wired with 1.5m of rubber flex for easy installation
- Suitable for switching by external PIR, Microwave or Photocell



 WARRANTY	 RATED HOURS	 LUMENS PER W	 IK RATING	 IP RATING	 OPERATING VOLTAGE	 BEAM ANGLE	 CCT	 SAFETY CLASS
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PRODUCT	RFA05055X-04
Total Power (W):	53.2
Total Light Output (lm):	5380
Efficacy (lm/cctW):	101
CCT (K)	5000
CCT Selectable:	No
CRI:	70
Operating Temperature (°C):	-25+40
Weight (kg)	3.04
Carton Qty:	4

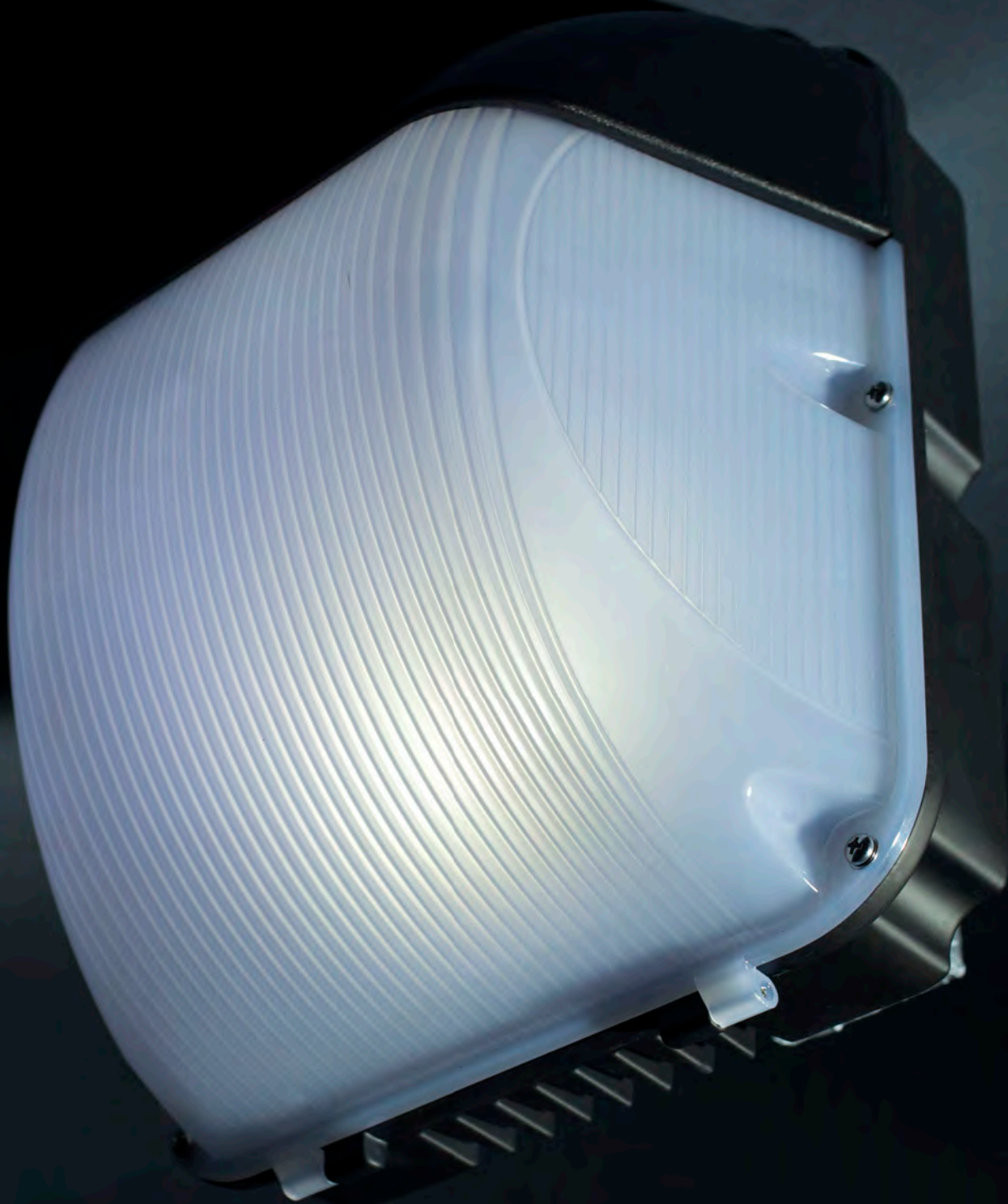
DIMENSIONS (mm)	Length	Height/Depth	Width
RFA05055X-04	180	300	265



Scan here for more product information and options



## FALCON LED WALL LIGHT





# INDUSTRIAL FRANKLIN AREA LIGHT

### CONSTRUCTION:

- Body is made of die cast aluminium with an extra corrosion resistant powder coating
- Polycarbonate Lens and end caps
- Aluminium reflector
- Aluminium composite PCB

### FEATURES & BENEFITS:

- Slim and lightweight design ideal for use as area light in private car parks, park alleys, internal driveways
- High efficiency with light output comparable to 70-250W Metal Halide fittings at 50% of their power consumption
- RFR3040S-25 with smaller dimensions designed to replace Metro-mine fittings
- Small fitting is suitable to use on 42-48mm spigots, remaining fittings on 48-60mm spigots
- High quality powder coating finish passing 1000hr salt spray test allows use in coastal areas
- Equipped with Type II Short lens with 150x80 degree beam angle
- Equipped with 6-10kV surge protection
- Prewired with 1m flex



<b>5 YRS</b> ✓	<b>50000</b> HRS	<b>132-147</b> LmW	<b>IK 07</b>	<b>IP</b> <b>66</b>	<b>OP</b> <b>110</b> <b>240</b>	<b>4000</b>		
WARRANTY	RATED HOURS	LUMENS PER W	IK RATING	IP RATING	OPERATING VOLTAGE	CCT	SAFETY CLASS	BEAM ANGLE

DIMENSIONS (mm)	Length	Height/Depth	Width
RFR3040S-25	284	62	175
RFR3040-25	460	85	295
RFR6040-25	460	85	295
RFR9040-25	460	85	295
RFR12040-25	460	85	295

### ACCESSORIES

RFR32S	FRANKLIN 32mm Spigot Accessory For 30W Small
RFR32	FRANKLIN 32mm Spigot Accessory
RFRBRF	FRANKLIN Flat Mount Wall Bracket
RFRBRA	FRANKLIN Angled Wall Mount Bracket



Scan here for more product information and options



# INDUSTRIAL FRANKLIN AREA LIGHT

PRODUCT	RFR3040S-25	RFR3040-25	RFR6040-25
Total Power (W):	29.8	33.1	60.5
Total Light Output (lm):	3920	4430	8480
Efficacy (lm/cctW):	132	134	140
CCT (K)	4000	4000	4000
CRI:	70	70	70
Operating Temperature (°C):	-25+45	-25+45	-25+45
Weight (kg)	0.98	1.99	2.34
Carton Qty:	5	3	3

PRODUCT	RFR9040-25	RFR12040-25
Total Power (W):	86.9	112.4
Total Light Output (lm):	12760	15640
Efficacy (lm/cctW):	147	139
CCT (K)	4000	4000
CRI:	70	70
Operating Temperature (°C):	-25+45	-25+45
Weight (kg)	2.56	2.64
Carton Qty:	3	3



# INDUSTRIAL PRISMOID LED LINEAR HI-RACK

## CONSTRUCTION:

- Extruded and sandblasted natural aluminium housing finished with Anodic Oxidation coating process
- PMMA LED lens cover material
- Steel end caps
- Stainless steel fasteners
- Aluminium PCB Material

## FEATURES & BENEFITS:

- Suitable for use in warehouses, manufacturing plants, garages, workshops & aircraft hangars, retail superstores, gymnasium & sports halls
- LED replacement for 300W and 400W metal halide fittings
- Extruded aluminium housing with PMMA lens providing very high impact rating of IK10, optimal heat dissipation and light distribution
- Prewired with 350mm rubber flex
- Very high efficacy of up to 128lm/W
- Wide ambient operating temperature range of -25°C to +40°C
- Comes with 40x130 degree beam angle lens making it optimal for high racking applications
- 30x70 degree lens available as accessory
- DALI driver (RPD200DD) available as accessory
- Rotating surface mounting brackets also available
- Dimmable with most of 1-10V systems
- Suitable for switching by PIR, Microwave or Photocell



<b>5 YRS</b> WARRANTY	<b>50000</b> HRS RATED HOURS	<b>126-128</b> LmW LUMENS PER W	<b>IK 10</b> IK RATING	<b>IP 65</b> IP RATING	<b>OP 110 240</b> OPERATING VOLTAGE	<b>DIMMABLE</b>	<b>5000</b> CCT	<b>SAFETY CLASS</b>	<b>130x40°</b> BEAM ANGLE
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PRODUCT	RPD15050DAA-23	RPD20050DAA-23
Total Power (W):	149.6	197.9
Total Light Output (lm):	18810	25280
Efficacy (lm/cctW):	126	128
CCT (K)	5000	5000
CRI:	80	80
Operating Temperature (°C):	-25+40	-25+40
Weight (kg)	5.5	7
Carton Qty:	2	1

DIMENSIONS (mm)	Length	Height/Depth	Width
RPD15050DAA-23	880	130	125
RPD20050DAA-23	1170	130	125

## ACCESSORIES

D1-10	1-10V Dimmer
RPD200DD	PRISMOID 200W DALI Driver
RPDL3070	PRISMOID 30x70 Degree Lens Accessory For Linear High Bay



Scan here for more product information and options



**PRISMOID LED  
LINEAR HI-RACK**









# DOWNLIGHTS

**78**

TAYLOR LED CCT4 SELECTABLE

**80**

SLOGAN 3 LED CCT3 SELECTABLE  
SLIM

**81**

APUS LED CCT3 SELECTABLE  
DOWNLIGHT

**82**

CASSIE LED CCT4 SELECTABLE  
LED DOWNLIGHT

**83**

CASSIE TILT LED CCT3  
SELECTABLE LED DOWNLIGHT

**84**

SIXSTAR LED MINI DOWNLIGHTS

**86**

GRANADA UGR<22 CCT3  
SELECTABLE

**87**

MIRA DUAL WATTAGE LED CCT4  
DOWNLIGHT

**88**

STUDIO LED CCT3 SELECTABLE  
DIMMABLE



## DOWNLIGHTS

### CCT4 COLOUR TEMPERATURE SELECTABLE



**WARM WHITE**  
1500K - 3500K



**NEUTRAL WHITE**  
3500K - 4500K



**COOL WHITE**  
4500K - 5500K



**DAYLIGHT WHITE**  
5500K - 6500K

### ROBUS CCT4 COLOUR TEMPERATURE SELECTABLE PRODUCTS

#### FOUR COLOUR TEMPERATURE SELECTABLE (CCT4):

This has benefits to the installer and end user as it allows the Colour Temperature to be selected on-site at the time of installation or changed retrospectively after installation to a preferred warmer or cooler light colour appropriate for the task and use of the lit space or to compliment decor colour. Having this option in one fitting reduces the need to stock several products.

#### THREE COLOUR TEMPERATURE SELECTABLE (CCT3)



**STUDIO LED CCT3**



**GRANADA UGR<22 CCT3**



**SLOGAN 3 LED CCT3 SLIM**



**APUS CCT3**



**CASSIE TILT LED CCT3**

#### FOUR COLOUR TEMPERATURE SELECTABLE (CCT4)



**MIRA LED CCT4**



**TAYLOR LED CCT4**



**CASSIE LED CCT4**



**TAYLOR LED CCT4  
SELECTABLE**





# DOWNLIGHTS

## TAYLOR LED CCT4 SELECTABLE

### CONSTRUCTION:

- PA66 Nylon coated Aluminium housing
- Polycarbonate trim & Opal diffuser
- Spring steel mounting clips

### FEATURES & BENEFITS:

- Switch on the back of the fitting allowing selection between 3000K, 4000K, 5000K or 6500K colour temperature
- LED replacement for 50W halogen downlight & 100W GLS
- High efficacy of 82-113lm/W
- Integrated driver prewired with flex and 3way push terminals
- White trim included
- A range of black, silver, brushed chrome & matte white trims available
- Compatible with selected TRIAC dimmers. Compatibility list available on website



Scan here for more product information and options



<b>3 YRS</b> WARRANTY	<b>30,000</b> HRS RATED HOURS	<b>82-113</b> LmW LUMENS PER W	<b>IK 5-7</b> IK RATING	<b>IP 44</b> IP RATING	<b>OP 220-240</b> OPERATING VOLTAGE	<b>100°</b> BEAM ANGLE	<b>DIMMABLE</b>	<b>SAFETY CLASS</b>	<b>IC-F</b> ICF
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DIMENSIONS (mm)	Diameter	Depth	Cut-out
RC7WDL72CCT4NZ-01	90	62	72
RC9WDL92CCT4NZ-01	108	65	92
RC10WDL125CCT4NZ-01	136	70	125

### ACCESSORIES

RLA250DTT-01	LOADPRO 250W LED Touch Dimmer
RLA350DTR-01	LOADPRO 350W LED Rotary Dimmer
RC7TRIM-04	TAYLOR Trim For 72mm Cut Out, Black
RC7TRIM-13	TAYLOR Trim For 72mm Cut Out, Brushed Chrome
RC7TRIM-15	TAYLOR Trim For 72mm Cut Out, Silver
RC9TRIM-04	TAYLOR Trim For 92mm Cut Out, Black
RC9TRIM-11	TAYLOR Trim For 92mm Cut Out, Matte White
RC9TRIM-13	TAYLOR Trim For 92mm Cut Out, Brushed Chrome
RC9TRIM-15	TAYLOR Trim For 92mm Cut Out, Silver
RC10TRIM-04	TAYLOR Trim For 125mm Cut Out, Black
RC10TRIM-13	TAYLOR Trim For 125mm Cut Out, Brushed Chrome
RC10TRIM-15	TAYLOR Trim For 125mm Cut Out, Silver
RC10160TRIM-01	160mm Trim Accessory For RC10WDL92CCT4-01 TAYLOR LED Downlight, White



# DOWNLIGHTS

## TAYLOR LED CCT4

### SELECTABLE

PRODUCT	RC7WDL72CCT4NZ-01	RC9WDL72CCT4NZ-01
Total Power (W):	7.3   7.1   7.1   7.2	7.3   7.1   7.2   7.3
Total Light Output (lm):	590   660   640   590	650   745   745   690
Efficacy (lm/cctW):	82   94   91   82	90   105   103   95
CCT (K)	3000   4000   5000   6500	3000   4000   5000   6500
CCT Selectable:	Selectable	Selectable
CRI:	85	80
Operating Temperature (°C):	-20+40	-20+40
Weight (kg)	0.205	0.28
Carton Qty:	40	40

PRODUCT	RC10WDL72CCT4NZ-01
Total Power (W):	10.1   9.5   9.7   9.8
Total Light Output (lm):	1020   1070   1060   1020
Efficacy (lm/cctW):	102   113   110   104
CCT (K)	3000   4000   5000   6500
CCT Selectable:	Selectable
CRI:	80
Operating Temperature (°C):	-20+40
Weight (kg)	0.31
Carton Qty:	32



DOWNLIGHTS

**SLOGAN 3 LED CCT3  
SELECTABLE SLIM**

**CONSTRUCTION:**

- Low profile nylon housing with polycarbonate trim
- Prewired with 0.25m flex and 2-way push connector
- Polycarbonate Diffuser
- Spring steel mounting clips

**FEATURES & BENEFITS:**

- Switch on the driver allowing selection between 3000K, 4000K and 6500K colour temperature
- Offers Thermal Insulation rating of ICF
- High efficacy of 93-104Lm/W
- Compatible with selected TRIAC dimmers. Compatibility list available on website



<b>3 YRS</b> WARRANTY	<b>35,000</b> HRS RATED HOURS	<b>93-104</b> LmW LUMENS PER W	<b>IP 44</b> IP RATING	<b>OP 220 240</b> OPERATING VOLTAGE	<b>100°</b> BEAM ANGLE	DIMMABLE	SAFETY CLASS	<b>IC-F</b> ICF
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**PRODUCT**

**R8WDLCT4NZ-01**

<b>Total Power (W):</b>	8.1   7.9   7.9   8.0
<b>Total Light Output (lm):</b>	740   810   820   800
<b>Efficacy (lm/cctW):</b>	93   103   104   101
<b>CCT (K)</b>	3000   4000   5000   6500
<b>CCT Selectable:</b>	Selectable
<b>CRI:</b>	85
<b>Operating Temperature (°C):</b>	-20+35
<b>Weight (kg)</b>	0.19
<b>Carton Qty:</b>	30

**DIMENSIONS (mm)**

R8WDLCT4NZ-01

**Diameter**

110

**Depth**

30

**Cut-out**

86

**ACCESSORIES**

RLA250DTT-01

LOADPRO 250W LED Touch Dimmer

RLA350DTR-01

LOADPRO 350W LED Rotary Dimmer

R7TRIME-01

SLOGAN Extension Trim Accessory, White

R7TRIMR-01

SLOGAN Recessed Trim Accessory, White



Scan here for more  
product information  
and options





## DOWNLIGHTS APUS LED CCT3 SELECTABLE DOWNLIGHT

### CONSTRUCTION:

- Polycarbonate/ Nylon housing
- Polycarbonate opal diffuser
- Spring steel mounting clips
- Prewired with 0.3m flex and 3-way screw terminal connector block

WARRANTY	RATED HOURS	LUMENS PER W	IP RATING	OPERATING VOLTAGE	BEAM ANGLE	DIMMABLE	SAFETY CLASS	ICF

### PRODUCT

### RAP8WCCT3NZ-01

Total Power (W):	8.0   7.6   8.0
Total Light Output (lm):	720   830   740
Efficacy (lm/cctW):	91   109   93
CCT (K)	3000   4000   6500
CCT Selectable:	Selectable
CRI:	80
Operating Temperature (°C):	-20+40
Weight (kg)	0.22
Carton Qty:	50

### DIMENSIONS (mm)

	Diameter	Depth	Cut-out
RAP8WCCT3NZ-01	108	60	90

### ACCESSORIES

RLA250DTT-01	LOADPRO 250W LED Touch Dimmer
RLA350DTR-01	LOADPRO 350W LED Rotary Dimmer

### FEATURES & BENEFITS:

- Switch on the back of the fitting allows selection between 3000K, 4000K and 6500K colour temperature
- Offers Thermal Insulation rating of IC-4/ IC-F
- High efficiency of 91-109 lm/W
- Matte white stepped trim
- Compatible with selected TRIAC dimmers. Compatibility list available on website



Scan here for more  
product information  
and options



# DOWNLIGHTS

## CASSIE LED CCT4 SELECTABLE LED DOWNLIGHT

### CONSTRUCTION:

- White or Black Nylon housing with polycarbonate trim
- Polymethyl methacrylate (PMMA) Diffuser with silver finish reflector
- Spring steel mounting clips
- Prewired with flex and 3-way screw terminal block

### FEATURES & BENEFITS:

- Switch on back of fitting allowing selection between 3000K, 4000K, 5000K and 6500K colour temperature
- Very low glare with UGR <19 (black version) or UGR<22 (white version)
- Offers Thermal Insulation rating of ICF
- High efficacy of 73-101Lm/W
- Compatible with selected TRIAC dimmers. Compatibility list available on website



Scan here for more product information and options



3 YRS

WARRANTY

30,000 HRS

RATED HOURS

73-101 LmW

LUMENS PER W

IK 04

IK RATING

IP 44

IP RATING

OP 220 240

OPERATING VOLTAGE

60°

BEAM ANGLE

DIMMABLE

SAFETY CLASS

IC-F

ICF

PRODUCT	RCS8CCT4NZ-01	RCS8CCT4NZ-04
Total Power (W):	8.1   7.9   7.9   8.0	8.0   7.8   7.8   7.9
Total Light Output (lm):	720   790   780   730	580   630   630   590
Efficacy (lm/cctW):	90   101   100   91	73   82   82   75
CCT (K)	3000   4000   5000   6500	3000   4000   5000   6500
CCT Selectable:	Selectable	Selectable
CRI:	80	80
Operating Temperature (°C):	-20+40	-20+40
Weight (kg)	0.2	0.2
Carton Qty:	30	30

DIMENSIONS (mm)	Diameter	Depth	Cut-out
RCS8CCT4NZ-01	103	85	90
RCS8CCT4NZ-04	103	85	90



**NEW**  
for 2023

**CCT**  
selectable



WARRANTY	RATED HOURS	LUMENS PER W	IK RATING	IP RATING	OPERATING VOLTAGE	BEAM ANGLE	TILT ANGLE	DIMMABLE	SAFETY CLASS



ICF

PRODUCT	RCS8CCT3T-01	RCS8CCT3T-04
<b>Total Power (W):</b>	8.2   7.9   8.3	8.2   7.9   8.3
<b>Total Light Output (lm):</b>	760   840   770	590   660   610
<b>Efficacy (lm/cctW):</b>	93   107   93	73   84   74
<b>CCT (K)</b>	3000   4000   5700	3000   4000   5700
<b>CCT Selectable:</b>	Selectable	Selectable
<b>CRI:</b>	80	80
<b>Operating Temperature (°C):</b>	-20+40	-20+40
<b>Weight (kg)</b>	0.21	0.21
<b>Carton Qty:</b>	30	30

DIMENSIONS (mm)	Diameter	Depth	Cut-out
RCS8CCT3T-01	106	84	90 - 95
RCS8CCT3T-04	106	84	90 - 95

## DOWNLIGHTS CASSIE TILT LED CCT3 SELECTABLE LED DOWNLIGHT

### CONSTRUCTION:

- White or Black Nylon housing with polycarbonate trim
- Polymethyl methacrylate (PMMA) Diffuser with silver finish reflector
- Spring steel mounting clips
- Prewired with flex and 3-way screw terminal block

### FEATURES & BENEFITS:

- Switch on back of fitting allowing selection between 3000K, 4000K, 5000K and 6500K colour temperature
- Beam angle of 60 degree angle with 30 degree tilt
- Very low glare with UGR <22 (black version) or UGR<25 (white version)
- Offers Thermal Insulation rating of ICF
- High efficacy of 73-107Lm/W
- Compatible with selected TRIAC dimmers. Compatibility list available on website



Scan here for more  
product information  
and options



# DOWNLIGHTS

## SIXSTAR LED MINI DOWNLIGHTS

### CONSTRUCTION:

- Die-cast Aluminium body
- Aluminium trim
- Polycarbonate Diffuser
- Spring steel retaining clips



### FEATURES & BENEFITS:

- LED replacement for 10W Halogen spot lights
- Fittings and driver sold separately
- Driver input side prewired with 0.8m flex and plug and output with 0.5m flex and 6-way junction box
- Each fitting prewired with 2m cable and quickfix connector
- Available in Black (-04), White (-01) and Brushed Chrome (-13)
- Note: Minimum of 2 fittings needed per driver, separate driver required for up to 6 heads - RSXJB22-PSU

WARRANTY	RATED HOURS	LUMENS PER W	IK RATING	IP RATING	OPERATING VOLTAGE	DIMMABLE	SAFETY CLASS	IC

DIMENSIONS (mm)	Diameter	Depth	Cut-out
RSX0330-01	42	38	28.5
RSX0330-04	42	38	28.5
RSX0330-13	42	38	28.5
RSX0340-01	42	38	28.5
RSX0340-04	42	38	28.5
RSX0340-13	42	38	28.5



Scan here for more product information and options



## DOWNLIGHTS

### SIXSTAR LED MINI DOWNLIGHTS

PRODUCT	RSX0330-01	RSX0330-04	RSX0330-13
Total Power (W):	3	3	3
Total Light Output (lm):	150	150	150
Efficacy (lm/cctW):	50	50	50
CCT (K)	3000	3000	3000
CCT Selectable:	No	No	No
CRI:	80	80	80
Operating Temperature (°C):	-20+40	-20+40	-20+40
Weight (kg)	0.06	0.06	0.06
Carton Qty:	147	120	147

PRODUCT	RSX0340-01	RSX0340-04	RSX0340-13
Total Power (W):	3	3	3
Total Light Output (lm):	180	180	180
Efficacy (lm/cctW):	60	60	60
CCT (K)	4000	4000	4000
CCT Selectable:	No	No	No
CRI:	80	80	80
Operating Temperature (°C):	-20+40	-20+40	-20+40
Weight (kg)	0.06	0.06	0.06
Carton Qty:	147	120	147



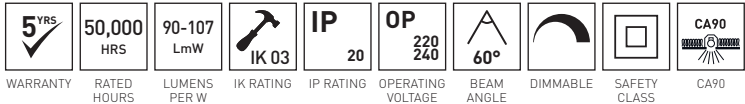
DOWNLIGHTS  
GRANADA UGR≤22  
CCT3 SELECTABLE

CONSTRUCTION:

- White powder coated aluminium one piece housing and trim
- Polycarbonate diffuser
- High reflectance 60-degree silvered reflector with combined faceted and smooth finish
- Spring steel mounting clips

FEATURES & BENEFITS:

- LED replacement for 2x26W to 2x35W T8 fluorescent downlights
- Switch on the back of the fitting allowing selection between 3000K, 4000K or 6500K colour temperature
- Low glare and UGR ≤22 for most installations
- C/w driver and quick fix secondary connector for easy installation
- Can be turned into TRIAC dimmable using RMP30-PSU dimmable driver accessory



PRODUCT	RGA28CCT3-01	RGA35CCT3-01
Total Power (W):	29.7   28.5   29.7	33.9   33.8   33.9
Total Light Output (lm):	2660   3050   2900	3060   3340   3350
Efficacy (lm/cctW):	90   107   98	90   99   99
CCT (K)	3000   4000   6500	3000   4000   6500
CCT Selectable:	Selectable	Selectable
CRI:	80	80
Operating Temperature (°C):	-20+40	-20+40
Weight (kg)	0.7	0.7
Carton Qty:	10	10

DIMENSIONS (mm)	Diameter	Depth	Cut-out
RGA28CCT3-01	232	113	195
RGA35CCT3-01	232	113	195

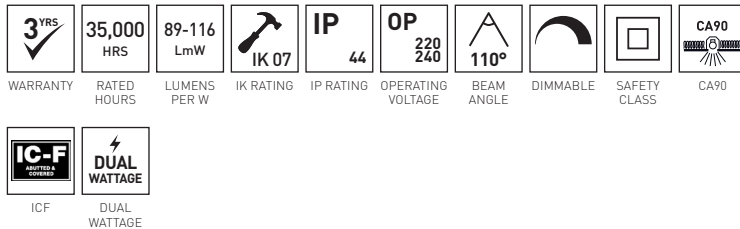
ACCESSORIES

HED6045/D2	DALI Switch Dim, 45W LED Current Selectable Driver w/ 30cm Cable +DC Connector
RMP30-PSU	30W Dimmable Driver



Scan here for more  
product information  
and options





PRODUCT	RMR1824CCT4-01	RMR3040CCT4-01
<b>Total Power (W):</b>	18.4-18.9   24.6-25.3	30.3-31.1   40.6-41.6
<b>Total Light Output (lm):</b>	1760-2000   2250-2610	3340-3530   4260-4570
<b>Efficacy (lm/cctW):</b>	94-108   89-105	107-116   102-112
<b>CCT (K)</b>	3000   4000   5000   6500	3000   4000   5000   6500
<b>CCT Selectable:</b>	Selectable	Selectable
<b>CRI:</b>	80	80
<b>Operating Temperature (°C):</b>	-20+40	-20+40
<b>Weight (kg)</b>	0.97	1.01
<b>Carton Qty:</b>	8	8

DIMENSIONS (mm)	Diameter	Depth	Cut-out
RMR1824CCT4-01	227	45	190
RMR3040CCT4-01	227	45	190

#### ACCESSORIES

HED6045/D2	DALI Switch Dim, 45W LED Current Selectable Driver w/ 30cm Cable +DC Connector
RLA250DTT-01	LOADPRO 250W LED Touch Dimmer
RLA350DTR-01	LOADPRO 350W LED Rotary Dimmer
RMP280TRIM-01	280mm Trim Accessory For MORPH And MIRA LED Downlights, White

## DOWNLIGHTS

### MIRA DUAL WATTAGE LED CCT4 DOWNLIGHT

#### CONSTRUCTION:

- Black powder coated die-cast aluminium housing
- White powder coated die-cast aluminium trim
- Polycarbonate Diffuser
- Spring steel mounting clips

#### FEATURES & BENEFITS:

- Unique construction comprising of dual wattage, 18W + 24W and 30W + 40W operating power in four colour temperatures, 3000K, 4000K, 5000K and 6500K
- LED replacement for 32W up to 70W T8 fluorescent fittings
- Very high efficacy of 89-116lm/W
- Integrated switch allows selection between two wattages and four CCT's
- Operating ambient temperature of -20°C to +40°C
- Compatible with selected TRIAC dimmers. Compatibility list available on website



Scan here for more product information and options



# DOWNLIGHTS

## STUDIO LED CCT3

### SELECTABLE, DIMMABLE

#### CONSTRUCTION:

- White Polycarbonate Housing
- Opal Polystyrene diffuser
- Spring steel mounting clips
- Adjustable stainless steel mounting bracket allowing mounting in cut outs of 55-250mm

#### FEATURES & BENEFITS:

- LED replacement for 2x12W, 2x18W and 2x24W PL fluorescent downlights
- CCT selectable between 3000K, 4000K and 6500K using switch on the back of the fitting
- Prewired with 0.8m flex and plug
- High efficacy of 77-95lm/W
- Operating ambient temperature of -20°C to +40°C
- Suitable for surface and recessed mounting
- Compatible with selected TRIAC dimmers. Compatibility list available on website



Scan here for more product information and options



WARRANTY	RATED HOURS	LUMENS PER W	IK RATING	IP RATING	OPERATING VOLTAGE	BEAM ANGLE	DIMMABLE	SAFETY CLASS	IC

DIMENSIONS (mm)	Diameter	Depth	Cut-out
RSD12CCT3-01	165	15	55 - 125
RSD18CCT3-01	217	15	55 - 175
RSD24CCT3-01	290	15	55 - 250

#### ACCESSORIES

RLA250DTT-01	LOADPRO 250W LED Touch Dimmer
RLA350DTR-01	LOADPRO 350W LED Rotary Dimmer



# DOWNLIGHTS

## STUDIO LED CCT3

### SELECTABLE, DIMMABLE

PRODUCT	RSD12CCT3-01	RSD18CCT3-01
Total Power (W):	12.5   12.8   12.6	18.1   18.6   18.2
Total Light Output (lm):	970   1080   990	1620   1770   1590
Efficacy (lm/cctW):	77   84   79	89   95   87
CCT (K)	3000   4000   6500	3000   4000   6500
CCT Selectable:	Selectable	Selectable
CRI:	80	80
Operating Temperature (°C):	-20+40	-20+40
Weight (kg)	0.325	0.46
Carton Qty:	24	20

PRODUCT	RSD24CCT3-01
Total Power (W):	22.8   23.5   22.7
Total Light Output (lm):	1820   2100   1870
Efficacy (lm/cctW):	80   90   83
CCT (K)	3000   4000   6500
CCT Selectable:	Selectable
CRI:	80
Operating Temperature (°C):	-20+40
Weight (kg)	0.73
Carton Qty:	10







# SURFACE FITTINGS

**92**

LUSTRE LED DUAL WATTAGE CCT3  
SELECTABLE

**93**

LUSTRE SLIM LED DUAL WATTAGE  
CCT3 SELECTABLE

**94**

GLEAM CCT3 SELECTABLE  
DIMMABLE

**95**

VEGA LED BULKHEAD

**96**

OHIO LED BULKHEAD

**97**

STUDIO LED CCT3 SELECTABLE



SURFACE FITTINGS  
LUSTRE LED DUAL  
WATTAGE CCT3  
SELECTABLE

CONSTRUCTION:

- White painted steel base
- Polycarbonate trim
- PMMA diffuser

FEATURES & BENEFITS:

- LED replacement for 32W & 40W T8 fluorescent fittings
- Dual wattage
- Dimmable
- Centre rear entry point
- Large terminal block for easy install
- Suitable for switching by PIR, Microwave or Photocell
- PROTON Microwave Sensor available as an accessory



WARRANTY	RATED HOURS	LUMENS PER W	IK RATING	IP RATING	OPERATING VOLTAGE	BEAM ANGLE	CCT	SAFETY CLASS	DUAL WATTAGE

PRODUCT	RLU1824CCT3-01
Total Power (W):	17.2-17.8   22.3-23.0
Total Light Output (lm):	1350-1560   1660-1910
Efficacy (lm/cctW):	72-88
CCT (K)	3000   4000   6500
CCT Selectable:	Selectable
CRI:	80
Operating Temperature (°C):	-20+40
Weight (kg)	0.92
Carton Qty:	6

DIMENSIONS (mm)	Height/Depth	Diameter
RLU1824CCT3-01	110	370

ACCESSORIES	
RP200MW-01	PROTON Microwave Sensor



Scan here for more  
product information  
and options





## SURFACE FITTINGS

### LUSTRE SLIM LED

### DUAL WATTAGE

### CCT3 SELECTABLE

#### CONSTRUCTION:

- White painted steel base
- Polycarbonate trim
- PMMA diffuser

WARRANTY	RATED HOURS	LUMENS PER W	IK RATING	IP RATING	OPERATING VOLTAGE	BEAM ANGLE	CCT	SAFETY CLASS	DUAL WATTAGE

#### PRODUCT

**RLUS1824CCT3-01**

<b>Total Power (W):</b>	17.3-17.8   22.1-22.9
<b>Total Light Output (lm):</b>	1070-1220   1300-1480
<b>Efficacy (lm/cctW):</b>	57-69
<b>CCT (K)</b>	3000   4000   6500
<b>CCT Selectable:</b>	Selectable
<b>CRI:</b>	80
<b>Operating Temperature (°C):</b>	-20+40
<b>Weight (kg)</b>	0.98
<b>Carton Qty:</b>	8

#### DIMENSIONS (mm)

RLUS1824CCT3-01

#### Height/Depth

60

#### Diameter

380

#### ACCESSORIES

RPR200MW-01

PROTON Microwave Sensor

#### FEATURES & BENEFITS:

- LED replacement for 32W & 40W T8 fluorescent fittings
- Dual wattage
- Dimmable
- Slim profile of 60mm
- Centre rear entry point
- Large terminal block for easy install
- Suitable for switching by PIR, Microwave or Photocell
- PROTON Microwave Sensor as an accessory



Scan here for more product information and options



# SURFACE FITTINGS

## GLEAM CCT3

### SELECTABLE

### DIMMABLE

#### CONSTRUCTION:

- Aluminium powder coated housing
- Polystyrene opal diffuser

#### FEATURES & BENEFITS:

- Compatible with selected TRIAC dimmers. Compatibility list available on website
- Comes in two diameter 300mm and 350mm
- Centre rear entry point
- Large terminal block for easy install
- Suitable for loop in/ loop out
- Very high efficacy of 82-99lm/W



Scan here for more product information and options



<b>3<sup>YRS</sup></b>	<b>30000</b>	<b>82-99</b>	<b>IK 03</b>	<b>IP</b>	<b>OP</b>	<b>A</b>	<b>3000</b>	<b>SAFETY</b>
WARRANTY	RATED HOURS	LUMENS PER W	IK RATING	IP RATING	OPERATING VOLTAGE	BEAM ANGLE	CCT	CLASS
				54	220 240	120°	4000 5700	

PRODUCT	RGL14CCT3-01	RGL17CCT3-01
Total Power (W):	14.3   13.8   14.4	16.6   16.0   16.7
Total Light Output (lm):	1170   1320   1260	1430   1590   1540
Efficacy (lm/cctW):	82   96   88	86   99   93
CCT (K)	3000   4000   5700	3000   4000   5700
CCT Selectable:	Selectable	Selectable
CRI:	85	85
Operating Temperature (°C):	-20+40	-20+40
Weight (kg)	0.5	0.7
Carton Qty:	8	6

DIMENSIONS (mm)	Height/Depth	Diameter
RGL14CCT3-01	65	300
RGL17CCT3-01	65	350





<b>3 YRS</b> WARRANTY	<b>30000</b> HRS RATED HOURS	<b>66-73</b> LmW LUMENS PER W	<b>IK 07</b> IK RATING	<b>IP 65</b> IP RATING	<b>OP 220 240</b> OPERATING VOLTAGE	<b>110°</b> BEAM ANGLE	<b>4000</b> CCT	<b>SAFETY CLASS</b>
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PRODUCT	RVE1440EF-01	RVE1440F-01
Total Power (W):	15.7	14.3
Total Light Output (lm):	1030	1050
Efficacy (lm/cctW):	66	73
CCT (K)	4000	4000
CCT Selectable:	No	No
CRI:	80	80
Operating Temperature (°C):	-20+35	-20+35
Weight (kg)	0	1.35
Carton Qty:	6	6

DIMENSIONS (mm)	Height/Depth	Diameter
RVE1440EF-01	91	300
RVE1440F-01	91	300

#### ACCESSORIES

RVEPLF-04	VEGA Plain Trim, Black
RVEPLF-24	VEGA Plain Trim, Grey

#### EMERGENCY

RVE1440EF-01

Total Emergency  
Light Output (lm)  
130



## SURFACE FITTINGS VEGA LED BULKHEAD

#### CONSTRUCTION:

- Polycarbonate base, trim and diffuser
- HEX Stainless steel screws

#### FEATURES & BENEFITS:

- State of the art LED driver with thermal and short circuit protection with optional dual power functionality
- Suitable for switching by external PIR, microwave sensor or photocell
- High impact resistance body with IK07 rating making it ideal for sports centers, communal areas and walkways
- AS2293.3 Emergency version Certified duration illumination in case of supply failure
- Complete with anti-tamper screws
- Double Insulated



Scan here for more  
product information  
and options



# SURFACE FITTINGS

## OHIO LED

### BULKHEAD

#### CONSTRUCTION:

- Polycarbonate base and opal diffuser
- Integral rubber seal between mating surfaces
- 2way screw terminal

#### FEATURES & BENEFITS:

- LED replacement for 100W incandescent fittings
- Circular and oval modern design using UV stabilised materials
- Complete with white & black trims
- Male/female connector between base mounted driver and diffuser mounted LED tray
- Double insulated



3 YRS

WARRANTY

30000 HRS

RATED HOURS

98-118 LmW

LUMENS PER W

IK 08

IK RATING

IP 54

IP RATING

OP 220 240

OPERATING VOLTAGE

120°

BEAM ANGLE

3000 4000 5700

CCT

Safety Class

SAFETY CLASS

PRODUCT	RHC12CCT3-01	RHV12CCT3-01
Total Power (W):	11.8   11.3   11.6	11.9   11.4   11.7
Total Light Output (lm):	1160   1330   1290	1190   1320   1260
Efficacy (lm/cctW):	98   118   112	101   116   108
CCT (K)	3000   4000   5700	3000   4000   5700
CCT Selectable:	Selectable	Selectable
CRI:	80	80
Operating Temperature (°C):	-20+40	-20+40
Weight (kg)	0.45	0.26
Carton Qty:	10	10

DIMENSIONS (mm)	Length	Height/Depth	Diameter	Width
RHC12CCT3-01	N/A	60	211	N/A
RHV12CCT3-01	230	60	N/A	105



Scan here for more product information and options





PRODUCT	RSD12CCT3-01	RSD18CCT3-01
Total Power (W):	12.5   12.8   12.6	18.1   18.6   18.2
Total Light Output (lm):	970   1080   990	1620   1770   1590
Efficacy (lm/cctW):	77   84   79	89   95   87
CCT (K)	3000   4000   6500	3000   4000   6500
CCT Selectable:	Selectable	Selectable
CRI:	80	80
Operating Temperature (°C):	-20+40	-20+40
Weight (kg)	0.325	0.46
Carton Qty:	24	20

PRODUCT	RSD24CCT3-01
Total Power (W):	22.8   23.5   22.7
Total Light Output (lm):	1820   2100   1870
Efficacy (lm/cctW):	80   90   83
CCT (K)	3000   4000   6500
CCT Selectable:	Selectable
CRI:	80
Operating Temperature (°C):	-20+40
Weight (kg)	0.73
Carton Qty:	10

DIMENSIONS (mm)	Height/Depth	Diameter	Cut-out
RSD12CCT3-01	15	165	55 - 125
RSD18CCT3-01	15	217	55 - 175
RSD24CCT3-01	15	290	55 - 250

## SURFACE FITTINGS STUDIO LED CCT3 SELECTABLE

### CONSTRUCTION:

- White polycarbonate housing
- Opal polystyrene diffuser
- Spring steel mounting clips
- Adjustable stainless steel mounting bracket allowing mounting in cut outs of 55-250mm

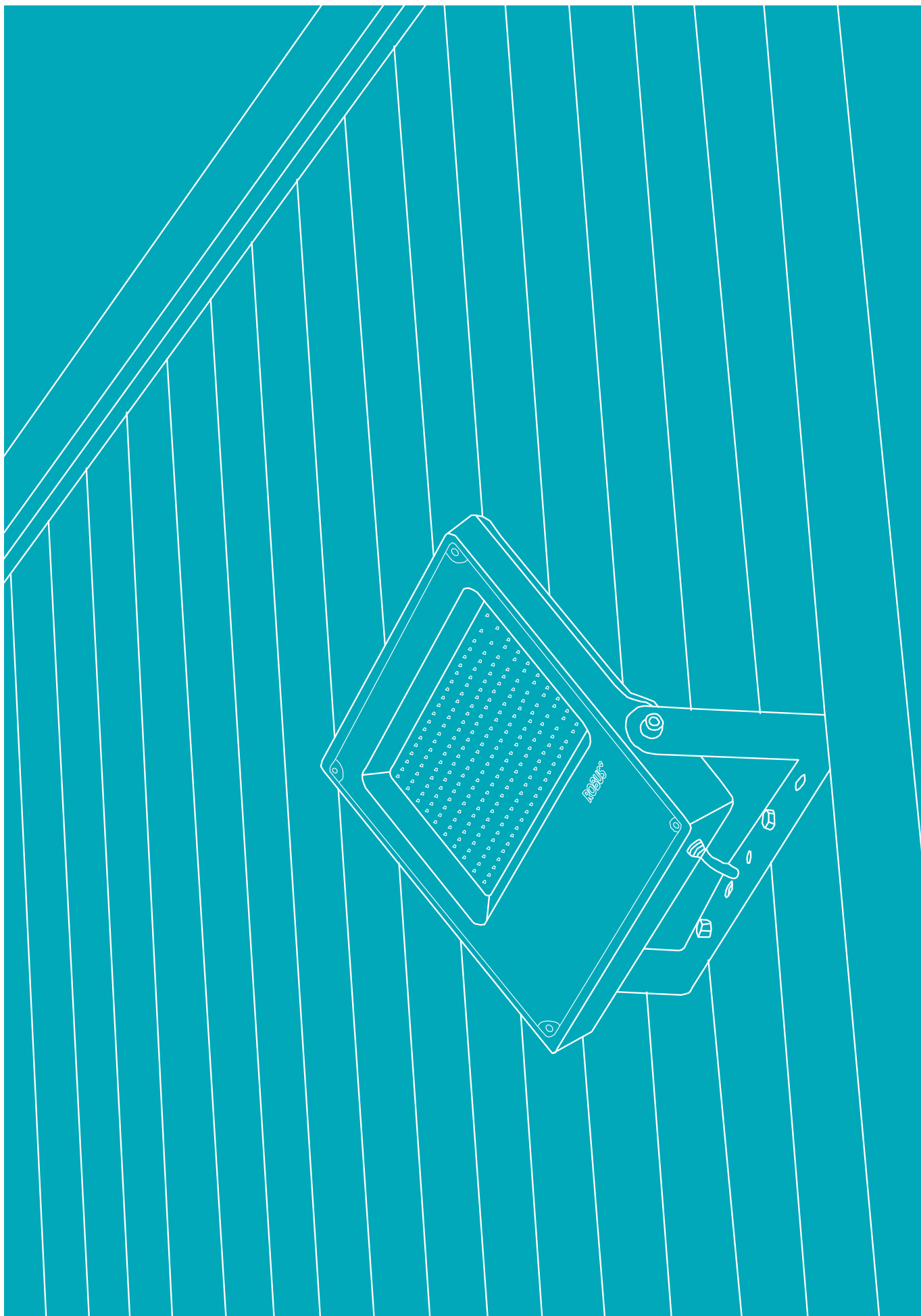
### FEATURES & BENEFITS:

- LED replacement for 2x12W, 2x18W and 2x24W PL fluorescent downlights
- CCT selectable between 3000K, 4000K and 6500K using switch on the back of the fitting
- Prewired with 0.8m flex and plug
- High efficacy of 77-95lm/W
- Operating ambient temperature of -20°C to +40°C
- Suitable for surface and recessed mounting
- Compatible with selected TRIAC dimmers. Compatibility list available on website



Scan here for more product information and options







# OUTDOOR

**100**

HILUME LED FLOOD LIGHT

**102**

CHASE LED SPOT WALL LIGHT

**104**

VITA CIRCULAR LED KIT



# OUTDOOR HILUME LED FLOOD LIGHT

### CONSTRUCTION:

- Black powder coated die-cast aluminium body
- Tempered glass frosted diffuser
- Angled mounting bracket
- Stainless steel external fixings

### FEATURES & BENEFITS:

- The ROBUS HILUME range utilises high quality, long life, surface mount SMD LED's mounted on a rectangular PCB gear to provide:
- High light output, low power consumption and high efficacy for large energy savings with short payback periods
- Low lumen & CCT depreciation for consistent light and colour over life
- A long LED Rated Life
- Prewired with 1m of rubber flex
- PIR versions are available in 20W and 30W for additional energy savings
- IP65 - Fitting & PIR



WARRANTY	RATED HOURS	LUMENS PER W	IK RATING	IP RATING	OPERATING VOLTAGE	BEAM ANGLE	CCT	TILT ANGLE	SAFETY CLASS

DIMENSIONS (mm)	Length	Height/Depth	Width
RHL1040-04	114	62	114
RHL2040-04	129	63	121
RHL2040P-04	129	82	175
RHL3040-04	144	63	132
RHL3040P-04	190	82	144
RHL5040-04	165	63	184
RHL10040-04	285	63	283



Scan here for more product information and options



# OUTDOOR HILUME LED FLOOD LIGHT

PRODUCT	RHL1040-04	RHL2040-04	RHL2040P-04	RHL3040-04
Total Power (W):	10.6	19.7	19.7	28
Total Light Output (lm):	980	1730	1730	2190
Efficacy (lm/cctW):	93	88	88	78
CCT (K)	4000	4000	4000	4000
CCT Selectable:	No	No	No	No
CRI:	80	80	80	80
Operating Temperature (°C):	-20+40	-20+40	-20+40	-20+40
Weight (kg)	0.34	0.4	0.45	0.48
Carton Qty:	12	12	12	12

PRODUCT	RHL3040P-04	RHL5040-04	RHL10040-04
Total Power (W):	28	48.3	94.6
Total Light Output (lm):	2190	3900	7440
Efficacy (lm/cctW):	78	81	79
CCT (K)	4000	4000	4000
CCT Selectable:	No	No	No
CRI:	80	80	80
Operating Temperature (°C):	-20+40	-20+40	-20+40
Weight (kg)	0.55	0.75	1.67
Carton Qty:	12	8	5



# OUTDOOR CHASE LED SPOT WALL LIGHT

## CONSTRUCTION:

- Polycarbonate housing & trim
- Polycarbonate lens covers
- PA12 screw terminal

## FEATURES & BENEFITS:

- COB LED with CCT3 selectable option (3000K/4000K/6000K)
- Fully movable PIR (up-down, right-left) with manual override function
- Lamp rotation angle of 35° horizontal and 60° vertical
- IP54 – Fitting & PIR Sensor
- Deep base for easy wiring
- Fast fix male/female connector between base and fitting



<b>3</b> YRS	<b>30000</b> HRS	<b>93-113</b> LmW	<b>IK 03</b>	<b>IP</b> <b>54</b>	<b>OP</b> <b>220</b> <b>240</b>	<b>A</b> <b>100°</b>	<b>3000</b> <b>4000</b> <b>6000</b>	<b>60°</b>	<b>35°</b>	
WARRANTY	RATED HOURS	LUMENS PER W	IK RATING	IP RATING	OPERATING VOLTAGE	BEAM ANGLE	CCT	TILT ANGLE	SWIVEL	SAFETY CLASS

## DIMENSIONS (mm)

	Length	Height/Depth	Width
RCH20CCT3-01	182	148	201
RCH20CCT3-04	182	148	201
RCH20CCT3P-01	183	208	201
RCH20CCT3P-04	183	208	201



Scan here for more product information and options



# OUTDOOR CHASE LED SPOT WALL LIGHT

PRODUCT	RCH20CCT3-01	RCH20CCT3-04
Total Power (W):	19.4   18.7   19.3	19.4   18.7   19.3
Total Light Output (lm):	1790   2110   1960	1790   2110   1960
Efficacy (lm/cctW):	93   113   102	93   113   102
CCT (K)	3000   4000   6000	3000   4000   6000
CCT Selectable:	Selectable	Selectable
CRI:	80	80
Operating Temperature (°C):	-20+40	-20+40
Weight (kg)	0.59	0.59
Carton Qty:	12	12

PRODUCT	RCH20CCT3P-01	RCH20CCT3P-04
Total Power (W):	19.4   18.7   19.3	19.4   18.7   19.3
Total Light Output (lm):	1790   2110   1960	1790   2110   1960
Efficacy (lm/cctW):	93   113   102	93   113   102
CCT (K)	3000   4000   6000	3000   4000   6000
CCT Selectable:	Selectable	Selectable
CRI:	80	80
Operating Temperature (°C):	-20+40	-20+40
Weight (kg)	0.64	0.64
Carton Qty:	12	12



# OUTDOOR VITA CIRCULAR LED KIT

### CONSTRUCTION:

- Resin formed body
- Stainless steel trim and retaining clips
- Each unit prewired with 5m cable and connector

### FEATURES & BENEFITS:

- Suitable for use in indoor and outdoor applications: bars, stair risers & strings, ceilings, restaurants, kitchen unit plinths, decking areas, patios, paths & walkways
- LED replacement for halogen decking lights
- Plug & Play kit containing 10 miniature fittings, each with 3 LEDs, 6W IP44 driver, cables and junction box
- Each fitting prewired with 5m cable and connector
- Wide operating ambient temperature range of -20°C to +40°C



WARRANTY	RATED HOURS	LUMENS PER W	IK RATING	IP RATING	OPERATING VOLTAGE	CCT	SAFETY CLASS

PRODUCT	R3LED10SANZ-01
Total Power (W):	5
Total Light Output (lm):	140
Efficacy (lm/cctW):	28
CCT (K)	6500
CRI:	70
Operating Temperature (°C):	-20+40
Weight (kg)	1.75
Carton Qty:	6

DIMENSIONS (mm)	Height/Depth	Diameter	Cut-out
R3LED10SANZ-01	25	30	22



Scan here for more  
product information  
and options



## VITA CIRCULAR LED KIT







# LED FLEXI-STRIP

**110**

VEGAS EXPRESS PRO IP20

**112**

VEGAS EXPRESS PRO IP67

**114**

VEGAS 12V WHITE

**116**

VEGAS 24V WHITE

**118**

VEGAS 12V & 24V LED RGB

**120**

VEGAS 24V LED RGBW

**122**

VEGAS 24V COB FLEXI-STRIP

**126**

VEGAS COB ACCESSORIES

**128**

VEGAS LED NON-DIMMABLE  
DRIVERS IP20

**129**

VEGAS LED DIMMABLE DRIVERS  
IP20

**130**

VEGAS LED NON-DIMMABLE  
DRIVERS IP67

**131**

WIFI CONTROLLER

**132**

VEGAS LED 4 CHANNEL RECEIVER

**133**

VEGAS LED 4 ZONES RF REMOTE

**134**

VEGAS AMPLIFIER SINGLE COLOUR

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VEGAS LED ACCESSORIES

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VEGAS COB LED FLEXI STRIP KIT

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VEGAS LED ACCESSORIES

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VEGAS LED IP20 ACCESSORIES

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EXTRUSIONS FOR LED FLEXI-  
STRIP

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EXTRUSIONS FOR LED FLEXI-  
STRIP END CAPS AND CLIPS

**147**

SUSPENDED EXTRUSIONS



# LED FLEXI-STRIP

Choosing the right LED flexi-strip products for your lighting needs does not have to be a daunting task. We've engineered our range of products to be easy to install, reliable and high quality. Our team of experts are happy to help with picking the perfect solution, but to help you get started here's a simple guide.

## 1. START WITH THE FLEXI-STRIP

### INDOOR VS OUTDOOR

The best place to start is with the application, and we have you covered in both respects.

We offer an IP20 version for indoor applications & an IP67 version to withstand the elements of an outdoor application.

### COLOUR

The effect you are trying to create is a big factor in flexi-strip choice and the VEGAS range has both warm and natural white whilst also covering RGB and RGBW options.

### FLEXI-STRIP TYPE

We have created the right tools for the job with multiple flexi-strip types that can fit perfectly for every application.

We have SMD or COB options for dotted or dot less light.

## 2. DRIVE IT HOME

The heart of a flexi strip solution is the driver. Picking a 12V or 24V driver will depend on the application, and generally 12V is most useful for non-primary lighting where lumens output required is low. 24V drivers are suited for primary lighting and the focus is on higher lumens.

### NON-DIMMABLE

Powering up the solution with a wide range of options, our IP20 non-dimmable drivers give the most flexibility with power options ranging from 15W to 320W in both 12V and 24V.

Our IP67 options bring the robustness and reliability needed for tough conditions, covering 60W to 320W in 12V and 24V.

### DIMMABLE

Adding the extra layer of flexibility to the solution, a dimmable driver is a great option for complete lighting management.

12V and 24V options are available in 30W, 50W and 75W. Dimming is possible up to 320W with the use of a dimmable controller.



### 3. TAKING CONTROL

Rounding off the solution, you may opt for a specific controlling method to power-up, utilise or change your lighting aesthetic.

#### REMOTE CONTROL

Our handheld remotes are stylish, discreet, and easy to use. They extend control from up to 8m. We offer remote controls for single colour, RGB and RGBW flexi strip.

#### SMART CONTROLS / WI-FI

Taking your solution to the cloud and into the future, our range of connected controllers allow for smart home control via the ROBUS CONNECT app. These controllers are available for single colour, tuneable white, RGB and RGBW.

#### 4 CHANNEL CONTROLLER & REMOTE

This controller and remote allows for four independently programmable zones creating complex lighting scenes at the touch of a button. This controller is available for single colour, RGB and RGBW.

### 4. CONNECTING

Lighting solutions are not always straight lines and we've designed a wide set of connectors that can help you connect and couple flexi strip to meet any need. Our new connectors have been redesigned with a lower profile, built-in LEDs for seamless coupling and no breaks in light, and ease of installation in mind. With a simple crimp and a little insulation gel, you will be able to couple meters of intricate flexi strip.



# LED FLEXI STRIPS

## VEGAS EXPRESS

### PRO IP20

#### CONSTRUCTION:

- Copper Substrate FPC PCB
- Prewired with 1m 20AWG cable on each end (tails)

#### FEATURES & BENEFITS:

- Single colour versions available in 3m, 5m and 10m reels
- RGB and RGBW versions available in 5m reels only
- IP20 versions to suit indoor applications
- Single colour 3000K and 4000K, RGBW with 3000K and 4000K and RGB available in both IP20 and IP67
- Maximum continuous strip length of 10m for single colour and RGBW and 5m for RGB
- Choose from 30W to 320W 24V non-dimmable and 30W to 75W dimmable power supply to match the length of used striplight



Scan here for more product information and options



<b>3 YRS</b> WARRANTY	<b>30000</b> HRS RATED HOURS	<b>108-113</b> LmW LUMENS PER W	<b>IP</b> 20 IP RATING	<b>A</b> 120° BEAM ANGLE	<b>3000</b> 4000 CCT	<b>III</b> SAFETY CLASS	<b>DIMMABLE</b>	<b>5CM</b> CUTTING POINTS	<b>MAX</b> 5-10M MAX LENGTH	<b>120-240</b> LEDs/M LEDs PER METER
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DIMENSIONS (mm)	Length	Height/Depth	Width
RVA3K3P	3000	1.4	8
RVA3K5P	5000	1.4	8
RVA3K10P	10000	1.4	8
RVA4K3P	3000	1.4	8
RVA4K5P	5000	1.4	8
RVA4K10P	10000	1.4	8
RVARGB3K5P	5000	2	12
RVARGB4K5P	5000	2	12
RVARGB5P	5000	2	10



# LED FLEXI STRIPS

## VEGAS EXPRESS

### PRO IP20

PRODUCT	RVA3K3P	RVA3K5P	RVA3K10P	RVA4K3P
Total Power (W):	9.6	9.6	9.6	9.6
Total Light Output (lm/M):	1070	1070	1070	1075
CCT (K):	3000	3000	3000	4000
Colour of light:	White	White	White	White
CRI:	80	80	80	80
Reel Length (mm):	3000	5000	10000	3000
Weight per 1m (kg):	0.06	0.08	0.16	0.06
Carton Qty:	80	30	20	80

PRODUCT	RVA4K5P	RVA4K10P	RVARGB3K5P	RVARGB4K5P
Total Power (W):	9.6	9.6	4.8	4.8
Total Light Output (lm/M):	1075	1075	520	540
CCT (K):	4000	4000	3000	4000
Colour of light:	White	White	RGBW	RGBW
CRI:	80	80	80	80
Reel Length (mm):	5000	10000	5000	5000
Weight per 1m (kg):	0.08	0.16	0.16	0.16
Carton Qty:	30	20	30	30

PRODUCT	RVARGB5P
Total Power (W):	14.4
Total Light Output (lm/M):	N/A
CCT (K):	N/A
Colour of light:	RGB
CRI:	N/A
Reel Length (mm):	5000
Weight per 1m (kg):	0.15
Carton Qty:	30



# LED FLEXI STRIPS

## VEGAS EXPRESS

### PRO IP67

#### CONSTRUCTION:

- Copper Substrate FPC PCB
- Silicone cover
- Prewired with 1m 20AWG cable on each end (tails)

#### FEATURES & BENEFITS:

- Single colour versions available in 3m, 5m and 10m reels
- RGB and RGBW versions available in 5m reels only
- IP67 versions to suit indoor and outdoor applications
- Single colour 3000K and 4000K, RGBW with 3000K and 4000K and RGB available in both IP20 and IP67
- Maximum continuous strip length of 10m for single colour and RGBW and 5m for RGB
- Choose from 30W to 320W 24V non-dimmable and 30W to 75W dimmable power supply to match the length of used striplight



Scan here for more product information and options



WARRANTY	RATED HOURS	LUMENS PER W	IP RATING	BEAM ANGLE	CCT	SAFETY CLASS	DIMMABLE	CUTTING POINTS	MAX LENGTH	LEDS PER METER

DIMENSIONS (mm)	Length	Height/Depth	Width
RVA3K673P	3000	4	10
RVA3K675P	5000	4	10
RVA3K6710P	10000	4	10
RVA4K673P	3000	4	10
RVA4K675P	5000	4	10
RVA4K6710P	10000	4	10
RVARGB3K675P	5000	5	14
RVARGB4K675P	5000	5	14
RVARGB675P	5000	5	12



# LED FLEXI STRIPS

## VEGAS EXPRESS

### PRO IP67

PRODUCT	RVA3K673P	RVA3K675P	RVA3K6710P	RVA4K673P
Total Power (W):	9.6	9.6	9.6	9.6
Total Light Output (lm/M):	990	990	990	995
CCT (K):	3000	3000	3000	4000
Colour of light:	White	White	White	White
CRI:	80	80	80	80
Reel Length (mm):	3000	5000	10000	3000
Weight per 1m (kg):	0.16	0.29	0.58	0.16
Carton Qty:	40	30	20	40

PRODUCT	RVA4K675P	RVA4K6710P	RVARGB3K675P	RVARGB4K675P
Total Power (W):	9.6	9.6	4.8	4.8
Total Light Output (lm/M):	995	995	440	460
CCT (K):	4000	4000	3000	4000
Colour of light:	White	White	RGBW	RGBW
CRI:	80	80	80	80
Reel Length (mm):	5000	10000	5000	5000
Weight per 1m (kg):	0.16	0.58	0.27	0.48
Carton Qty:	30	20	30	30

PRODUCT	RVARGB675P
Total Power (W):	14.4
Total Light Output (lm/M):	N/A
CCT (K):	N/A
Colour of light:	RGB
CRI:	N/A
Reel Length (mm):	5000
Weight per 1m (kg):	0.27
Carton Qty:	30



# LED FLEXI STRIPS

## VEGAS 12V WHITE



### CONSTRUCTION:

- IP67 Version Encapsulated In Transparent Silicone
- Copper Substrate FPC PCB
- Prewired with 500mm 20AWG wires

### FEATURES & BENEFITS:

- VEGAS single colour SMD2835 LED flexi-strip with 3M™ self-adhesive tape
- Low power consumption of 4.8W per meter
- Cutting points every 3 LEDs / 5cm
- Requires 12V LED driver (sold separately)
- For runs over 10m individual lengths should be connected in parallel
- 50m IP20 non-waterproof and 30m IP67 waterproof versions available
- Available in warm white and neutral white

WARRANTY	RATED HOURS	LUMENS PER W	IP RATING	BEAM ANGLE	CCT	SAFETY CLASS	DIMMABLE	CUTTING POINTS	MAX LENGTH	LEDs PER METER

DIMENSIONS (mm)	Length	Height/Depth	Width
RVA48302050	50000	1.5	8
RVA48402050	50000	1.5	8
RVA48406730	30000	3	10
RVA48306730	30000	3	10



Scan here for more product information and options



## LED FLEXI STRIPS

### VEGAS 12V WHITE

PRODUCT	RVA48302050	RVA48402050
Total Power (W):	4.8	4.8
Total Light Output (lm/M):	500	510
CCT (K):	3000	4000
CCT Selectable:	No	No
Colour of light:	White	White
CRI:	80	80
Reel Length (mm):	50000	50000
Weight per 1m (kg):	0.02	0.75
Carton Qty:	500	500

PRODUCT	RVA48406730	RVA48306730
Total Power (W):	4.8	4.8
Total Light Output (lm/M):	500	480
CCT (K):	4000	3000
CCT Selectable:	No	No
Colour of light:	White	White
CRI:	80	80
Reel Length (mm):	30000	30000
Weight per 1m (kg):	0.06	0.06
Carton Qty:	150	150



# LED FLEXI STRIPS

## VEGAS 24V WHITE



CONSTRUCTION:

- IP67 Version Encapsulated In Transparent Silicone
- Copper Substrate FPC PCB
- Prewired with 500mm 20AWG wires

FEATURES & BENEFITS:

- VEGAS single colour SMD2835 LED flexi-strip with 3M™ self-adhesive tape
- Low power consumption of 9.6W per meter
- Cutting points every 6 LEDs / 5cm
- Requires 24V LED driver (sold separately)
- Voltage drop of 4V per 10m and maximum continuous run of 10m
- For runs over 10m individual lengths should be connected in parallel
- 50m IP20 non-waterproof and 30m IP67 waterproof versions available
- Available in warm white and neutral white
- Easy clip connector packs available as accessories

<div>3 YRS</div> <div>✓</div> <div>WARRANTY</div>	<div>30000</div> <div>HRS</div> <div>RATED HOURS</div>	<div>103-112</div> <div>LmW</div> <div>LUMENS PER W</div>	<div>IP</div> <div>20-67</div> <div>IP RATING</div>	<div>A</div> <div>120°</div> <div>BEAM ANGLE</div>	<div>3000</div> <div>4000</div> <div>CCT</div>	<div>III</div> <div>SAFETY CLASS</div>	<div>◡</div> <div>DIMMABLE</div>	<div>5CM</div> <div>CUTTING POINTS</div>	<div>MAX</div> <div>10M</div> <div>MAX LENGTH</div>	<div>120</div> <div>LEDs/M</div> <div>LEDs PER METER</div>
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DIMENSIONS (mm)	Length	Height/Depth	Width
RVA96302050	50000	1.5	8
RVA96402050	50000	1.5	8
RVA96406730	30000	3	10
RVA96306730	30000	3	10



Scan here for more product information and options



## LED FLEXI STRIPS

### VEGAS 24V WHITE

PRODUCT	RVA96302050	RVA96402050
Total Power (W):	9.6	9.6
Total Light Output (lm/M):	1070	1070
CCT (K):	3000	4000
CCT Selectable:	No	No
Colour of light:	White	White
CRI:	80	80
Reel Length (mm):	50000	50000
Weight per 1m (kg):	0.02	0.02
Carton Qty:	500	500

PRODUCT	RVA96406730	RVA96306730
Total Power (W):	9.6	9.6
Total Light Output (lm/M):	995	990
CCT (K):	4000	3000
CCT Selectable:	No	No
Colour of light:	White	White
CRI:	80	80
Reel Length (mm):	30000	30000
Weight per 1m (kg):	0.06	0.06
Carton Qty:	150	150



# LED FLEXI STRIPS

## VEGAS 12V & 24V

### LED RGB

#### CONSTRUCTION:

- IP67 Version Encapsulated In Transparent Silicone
- Copper Substrate FPC PCB
- Prewired with 500mm 20AWG wires



#### FEATURES & BENEFITS:

- VEGAS RGB colour changing SMD5050 LED flexi-strip with 3M™ self-adhesive tape
- Power consumption of 7.2W & 14.4W per meter
- Cutting points every 3 LEDs for 12V and 6 LEDs for 24V
- Requires 12V or 24V LED driver (sold separately)
- Voltage drop of 3.5V per 10m and maximum continuous run of 5m
- For runs over 5ms individual lengths should be connected in parallel
- Easy clip connector packs available as accessories

WARRANTY	RATED HOURS	IP RATING	BEAM ANGLE	SAFETY CLASS	DIMMABLE	CUTTING POINTS	MAX LENGTH	LEDS PER METER

DIMENSIONS (mm)	Length	Height/Depth	Width
RVA72RGB2050	50000	2	10
RVA14RGB2050	50000	1.5	10
RVA72RGB6730	30000	4	12
RVA14RGB6730	30000	4	10



Scan here for more product information and options



# LED FLEXI STRIPS

## VEGAS 12V & 24V

### LED RGB

PRODUCT	RVA72RGB2050	RVA14RGB2050
Total Power (W):	7.2	14.4
CCT (K):	NA	NA
CCT Selectable:	No	No
Colour of light:	RGB	RGB
CRI:	NA	NA
Reel Length (mm):	50000	50000
Weight per 1m (kg):	0.02	0.02
Carton Qty:	500	500

PRODUCT	RVA72RGB6730	RVA14RGB6730
Total Power (W):	7.2	14.4
CCT (K):	NA	NA
CCT Selectable:	No	No
Colour of light:	RGB	RGB
CRI:	NA	NA
Reel Length (mm):	30000	30000
Weight per 1m (kg):	0.06	0.06
Carton Qty:	150	150



# LED FLEXI STRIPS

## VEGAS 24V LED

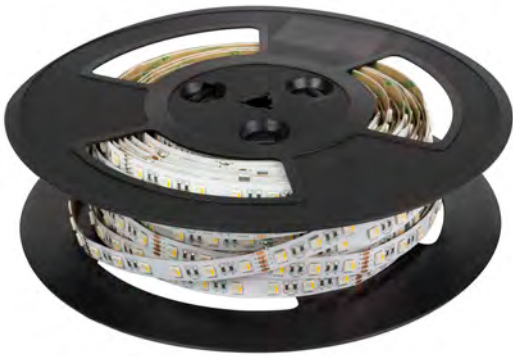
### RGBW

#### CONSTRUCTION:

- IP67 Version Encapsulated In Transparent Silicone
- Copper Substrate FPC PCB
- Prewired with 500mm 20AWG wires

#### FEATURES & BENEFITS:

- VEGAS RGBW colour changing SMD5050 LED flexi-strip with 3M™ self-adhesive tape
- Power consumption of 12W per meter
- Cutting points every 6 LEDs/ 10 cm
- Requires 24V LED driver (sold separately)
- Voltage drop of 4.5V per 10m and maximum continuous run of 5m
- For runs over 10m individual lengths should be connected in parallel
- Easy clip connector packs available as accessories



<b>3 YRS</b> WARRANTY	<b>30000</b> HRS RATED HOURS	<b>70-113</b> LmW LUMENS PER W	<b>IP</b> 20-67 IP RATING	<b>A</b> 120° BEAM ANGLE	<b>3000</b> 4000 CCT	<b>III</b> SAFETY CLASS	<b>DIMMABLE</b>	<b>CUTTING POINTS</b> 10CM	<b>MAX</b> 5-10M MAX LENGTH	<b>60-120</b> LEDs/M LEDs PER METER
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DIMENSIONS (mm)	Length	Height/Depth	Width
RVA14RGBW2010-30	10000	2	12
RVA14RGBW2010-40	10000	2	12
RVA12RGBW6710-30	10000	4	14
RVA12RGBW6710-40	10000	4	14



Scan here for more product information and options



## LED FLEXI STRIPS

### VEGAS 24V LED

### RGBW

PRODUCT	RVA14RGBW2010-30	RVA14RGBW2010-40	RVA12RGBW6710-30
Total Power (W):	4.8	4.8	12
Total Light Output (lm/M):	520	540	290
CCT (K):	3000	4000	3000
CCT Selectable:	No	No	No
Colour of light:	RGBW	RGBW	RGBW
CRI:	80	80	80
Reel Length (mm):	10000	10000	10000
Weight per 1m (kg):	0.5	0.5	0.08
Carton Qty:	100	100	100

PRODUCT	RVA12RGBW6710-40
Total Power (W):	12
Total Light Output (lm/M):	300
CCT (K):	4000
CCT Selectable:	No
Colour of light:	RGBW
CRI:	80
Reel Length (mm):	10000
Weight per 1m (kg):	0.08
Carton Qty:	100



# LED FLEXI STRIPS

## VEGAS 24V COB FLEXI-STRIP

### CONSTRUCTION:

- IP67 Version Encapsulated In Transparent Silicone
- Copper Substrate FPC PCB
- Prewired with 500mm 20AWG wires

### FEATURES & BENEFITS:

- Chip-On-Board LED flexi-strip with 3M™ self-adhesive tape
- Dot-less smooth light effect
- Power consumption of 14.7W/m
- Cutting points every 45mm
- Requires 24V LED driver (sold separately)
- Voltage drop of 2.6V per 10m and maximum continuous run of 5m
- For runs over 5m individual lengths should be connected in parallel
- Very high CRI>90 making it ideal for applications requiring accurate colour reproduction
- Easy clip connector packs available



Scan here for more product information and options



<b>3 YRS</b> WARRANTY	<b>30000</b> HRS RATED HOURS	<b>76-110</b> LmW LUMENS PER W	<b>IP</b> 20-67 IP RATING	<b>OP</b> 24 OPERATING VOLTAGE	<b>A</b> 120° BEAM ANGLE	<b>3000</b> 4000 CCT	<b>III</b> SAFETY CLASS	<b>DIMMABLE</b>	<b>3.3-4.5CM</b> CUTTING POINTS	<b>MAX</b> 5M MAX LENGTH
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DIMENSIONS (mm)	Length	Height/Depth	Width
RVA7COB20-30	20000	1	10
RVA7COB20-40	20000	1	10
RVA14COB20-30	20000	1	10
RVA14COB20-40	20000	1	10
RVA14COBRGB2020	20000	2	10
RVA7COB67-30	20000	4	12
RVA7COB67-40	20000	4	12
RVA14COB67-30	20000	4	12
RVA14COB67-40	20000	4	12
RVA14COBRGB6720	20000	4	12



# LED FLEXI STRIPS

## VEGAS 24V COB

### FLEXI-STRIP

PRODUCT	RVA7COB20-30	RVA7COB20-40	RVA14COB20-30	RVA14COB20-40
Total Power (W):	7.7	7.8	14.7	14.1
Total Light Output (lm/M):	750	860	1310	1460
CCT (K):	3000	4000	3000	4000
CCT Selectable:	No	No	No	No
Colour of light:	White	White	White	White
CRI:	80	80	90	90
Reel Length (mm):	20000	20000	20000	20000
Weight per 1m (kg):	0.01	0.01	0.007	0.007
Carton Qty:	500	500	200	200

PRODUCT	RVA14COBRGB2020	RVA7COB67-30	RVA7COB67-40	RVA14COB67-30
Total Power (W):	14	7.7	7.7	15.5
Total Light Output (lm/M):	NA	670	730	1170
CCT (K):	NA	3000	4000	3000
CCT Selectable:	No	No	No	No
Colour of light:	RGB	White	White	White
CRI:	NA	80	80	90
Reel Length (mm):	20000	20000	20000	20000
Weight per 1m (kg):	0.7	0.08	0.08	0.08
Carton Qty:	200	500	500	100

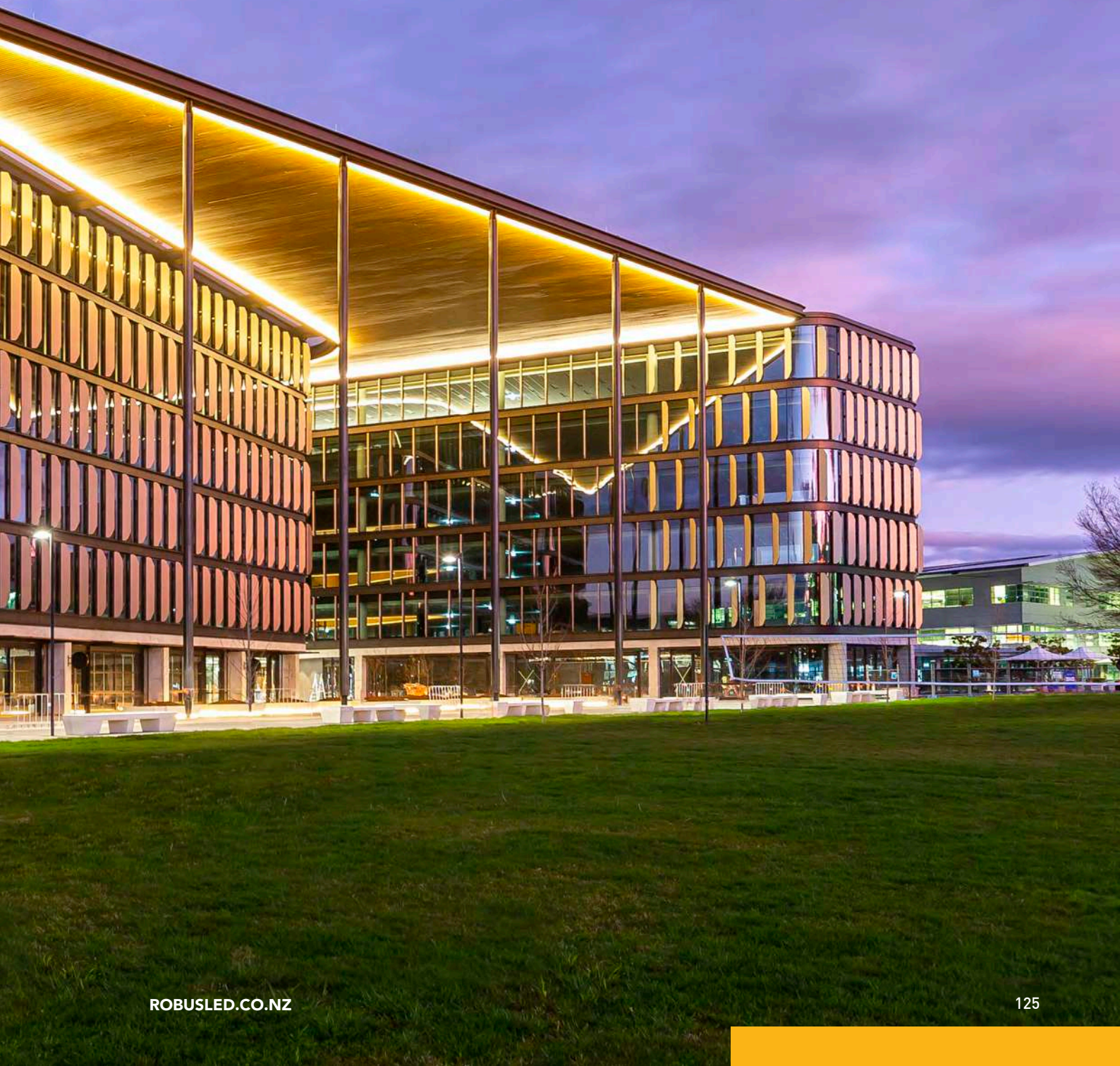
PRODUCT	RVA14COB67-40	RVA14COBRGB6720
Total Power (W):	15.2	14
Total Light Output (lm/M):	1350	NA
CCT (K):	4000	NA
CCT Selectable:	No	No
Colour of light:	White	RGB
CRI:	90	NA
Reel Length (mm):	20000	20000
Weight per 1m (kg):	0.08	1.8
Carton Qty:	100	100







**VEGAS LED FLEXI-STRIP**  
BRINDABELLA BUSINESS PARK, AUSTRALIA

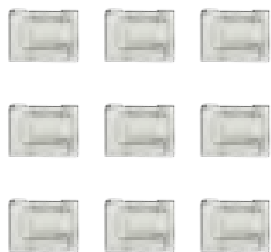




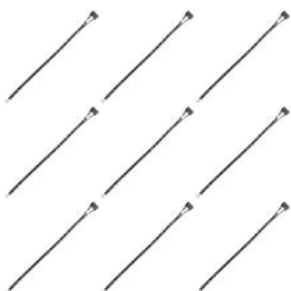
# LED FLEXI STRIPS

## VEGAS COB

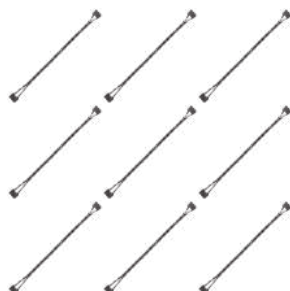
### ACCESSORIES



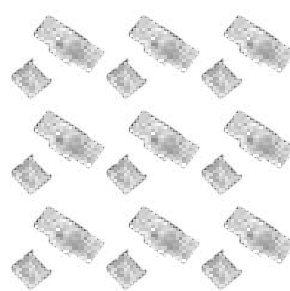
RVACOB-C



RVACOB-C1



RVACOB-C2



RVA67COB-C



RVA67COB-C1



RVA67COB-C2

### MACAU LED FLEXI-STRIP CONNECTORS

PRODUCT	DESCRIPTION	PACK QTY
<b>RVACOB-C</b>	24V COB IP20/Strip-To-Strip, Without Wires	10
<b>RVACOB-C1</b>	24V COB IP20/Strip-To-Driver, With 150mm Wire	10
<b>RVACOB-C2</b>	24V COB IP20/Strip-To-Strip, With 150mm Wire	10
<b>RVA67COB-C</b>	24V COB IP67/Strip-To-Strip, Without Wires	10
<b>RVA67COB-C1</b>	24V COB IP67/Strip-To-Driver, With 150mm Wire	10
<b>RVA67COB-C2</b>	24V COB IP67/Strip-To-Strip, With 150mm Wire	10
<b>RVACOBRGB-C1</b>	24V COB RGB IP20/Strip-To-Driver, With 150mm Wire	10
<b>RVACOBRGB-C2</b>	24V COB RGB IP20/Strip-To-Strip, With 150mm Wire	10
<b>RVA67COBRGB-C1</b>	24V COB RGB IP67/Strip-To-Driver, With 150mm Wire	10
<b>RVA67COBRGB-C2</b>	24V COB RGB IP67/Strip-To-Strip, With 150mm Wire	10



Scan here for more  
product information  
and options



## VEGAS COB FLEXI-STRIP





# LED FLEXI STRIPS

## VEGAS LED NON DIMMABLE DRIVERS IP20



### VEGAS LED FLEXI-STRIP IP20 CONSTANT VOLTAGE NON-DIMMABLE DRIVERS:

3 YRS

WARRANTY

IP 20

IP RATING

OP 220 240

OPERATING VOLTAGE

SAFETY CLASS

12 DC

VOLTAGE

PRODUCT				
12V Non-Dimmable Drivers:	RVA3012-PSU	RVA6012-PSU	RVA10012-PSU	RVA18012-PSU
Total Power (W):	30	60	100	180
Weight (kg):	0.12	0.22	0.37	0.41
Carton Qty:	48	35	20	15

3 YRS

WARRANTY

IP 20

IP RATING

OP 220 240

OPERATING VOLTAGE

SAFETY CLASS

24 DC

VOLTAGE

PRODUCT				
24V Non-Dimmable Drivers:	RVA3024-PSU	RVA10024-PSU	RVA15024-PSU	RVA25024-PSU
Total Power (W):	30	100	150	250
Weight (kg):	0.12	0.37	0.41	0.42
Carton Qty:	48	20	20	15

3 YRS

WARRANTY

IP 20

IP RATING

OP 220 240

OPERATING VOLTAGE

SAFETY CLASS

24 DC

VOLTAGE

PRODUCT		
24V Non-Dimmable Drivers:	RVA6024-PSU	RVA32024-PSU
Total Power (W):	60	320
Weight (kg):	0.22	0.44
Carton Qty:	35	15

DIMENSIONS (mm)	Length	Height/Depth	Width
RVA3024-PSU	139	27	40
RVA3012-PSU	149	27	40
RVA6012-PSU	170	28	45
RVA6024-PSU	170	28	45
RVA10012-PSU	180	31	65
RVA10024-PSU	180	31	65
RVA15024-PSU	180	31	66
RVA18012-PSU	183	31	67
RVA25024-PSU	195	36	62
RVA32024-PSU	215	35	78

Scan here for more product information and options



# LED FLEXI STRIPS

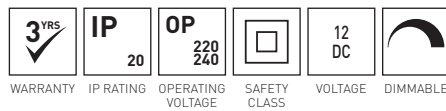
## VEGAS LED

## DIMMABLE DRIVERS

## IP20

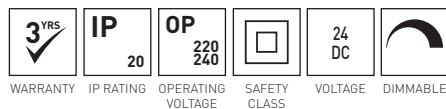


### VEGAS LED FLEXI-STRIP IP20 TRIAC DIMMABLE DRIVERS:



#### PRODUCT

12V Non-Dimmable Drivers:	RVA3012DU-PSU	RVA5012DU-PSU	RVA7512DU-PSU
Total Power (W):	30	50	75
Weight (kg):	0.12	0.23	0.36
Carton Qty:	50	40	25



#### PRODUCT

24V Non-Dimmable Drivers:	RVA3024DU-PSU	RVA5024DU-PSU	RVA7524DU-PSU
Total Power (W):	30	50	75
Weight (kg):	0.12	0.23	0.38
Carton Qty:	50	40	25

DIMENSIONS (mm)	Length	Height/Depth	Width
RVA3012DU-PSU	158	18	46
RVA3024DU-PSU	158	18	46
RVA5012DU-PSU	177	22	58
RVA5024DU-PSU	177	22	58
RVA7512DU-PSU	170	31	56
RVA7524DU-PSU	170	31	56



Scan here for more  
product information  
and options



# LED FLEXI STRIPS

## VEGAS LED NON DIMMABLE DRIVERS IP67



### VEGAS LED FLEXI-STRIP IP67 CONSTANT VOLTAGE NON-DIMMABLE DRIVERS:

3 YRS

WARRANTY

IP 67

IP RATING

OP 220 240

OPERATING VOLTAGE

SAFETY CLASS

12 DC

VOLTAGE

#### PRODUCT

12V Non-Dimmable Drivers:	RVA10012IP67-PSU	RVA20012IP67-PSU
Weight (kg):	0.58	0.8
Carton Qty:	10	10

3 YRS

WARRANTY

IP 67

IP RATING

OP 220 240

OPERATING VOLTAGE

SAFETY CLASS

24 DC

VOLTAGE

#### PRODUCT

24V Non-Dimmable Drivers:	RVA6024IP67-PSU	RVA10024IP67-PSU	RVA20024IP67-PSU	RVA32024IP67-PSU
Weight (kg):	0.53	0.58	0.8	0.8
Carton Qty:	25	10	10	15

DIMENSIONS (mm)	Length	Height/Depth	Width
RVA10012IP67-PSU	212	38	46
RVA20012IP67-PSU	221	36	61
RVA6024IP67-PSU	216	30	42
RVA10024IP67-PSU	212	38	46
RVA20024IP67-PSU	221	36	61
RVA32024IP67-PSU	225	38	74



Scan here for more product information and options



# LED FLEXI STRIPS WIFI CONTROLLER



- Single colour dimming controller
- Controlled by the ROBUS CONNECT App via Wi-Fi
- Multiple controllers can be controlled via the App
- Compatible with Google Home and Amazon's Alexa voice control
- 12-24V DC supply - the controller works with the full range of ROBUS VEGAS drivers
- Current: 10A x 1 Channel
- IP65 can be achieved by using RVBIP2 enclosure

PRODUCT	RVACCT1-WIFI
Total Power (W):	120   240
Operating Voltage:	12-24
Housing Colour:	White
Weight (kg):	0.042
Carton Qty:	100

- RGBW dimming controller
- Controlled by the ROBUS CONNECT App via Wi-Fi
- Multiple controllers can be controlled via the App
- Compatible with Google Home and Amazon's Alexa voice control
- 12-24V DC supply - the controller works with the full range of ROBUS VEGAS LED Flexi-Strip drivers
- Current: 5A x 4 Channel (Max 10A in total)
- IP65 can be achieved by using RVBIP2 enclosure

PRODUCT	RVARGBW-WIFI
Total Power (W):	120   240
Operating Voltage:	12-24
Housing Colour:	White
Weight (kg):	0.042
Carton Qty:	100



Scan here for more product information and options

- RGB dimming controller
- Controlled by the ROBUS CONNECT App via Wi-Fi
- Multiple controllers can be controlled via the App
- Compatible with Google Home and Amazon's Alexa voice control
- 12-24V DC supply - the controller works with the full range of ROBUS VEGAS LED Flexi-Strip drivers
- Current: 5A x 3 Channel (Max 10A in total)
- IP65 can be achieved by using RVBIP2 enclosure

PRODUCT	RVARGB-WIFI
Total Power (W):	120   240
Operating Voltage:	12-24
Housing Colour:	White
Weight (kg):	0.042
Carton Qty:	100

DIMENSIONS (mm)	Length	Height/Depth	Width
RVACCT1-WIFI	99	21	39
RVARGB-WIFI	99	21	39
RVARGBW-WIFI	99	21	39



# LED FLEXI STRIPS

## VEGAS LED 4

### CHANNEL RECEIVER

#### CONSTRUCTION:

- White ABS housing
- Large screw terminals



#### FEATURES & BENEFITS:

- 4 channel receiver suitable for entire VEGAS range
- For use with RVA4Z-RC remote controller
- 4 independently programmable zones allowing complex lighting scenes
- 2.4GHz RF technology providing up to 20m operation range
- Pulse Width Modulation dimming technology

<b>3 YRS</b> WARRANTY	<b>30000</b> HRS RATED HOURS	<b>IP</b> 20 IP RATING	<b>OP</b> 12 24 OPERATING VOLTAGE	<b>III</b> SAFETY CLASS
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#### PRODUCT

#### RVA4CH-REC

<b>Total Power (W):</b>	288   496
<b>Housing Colour:</b>	White
<b>Weight (kg):</b>	0.1
<b>Carton Qty:</b>	10

<b>DIMENSIONS (mm)</b>	<b>Length</b>	<b>Height/Depth</b>	<b>Width</b>
RVA4CH-REC	160	25	46



Scan here for more  
product information  
and options





#### PRODUCT

**Housing Colour:**

**Weight (kg):**

**Carton Qty:**

**RVA4Z-RC**

Black

0.095

10

#### DIMENSIONS (mm)

RVA4Z-RC

Length

150

Height/Depth

20

Width

40

## LED FLEXI STRIPS VEGAS LED 4 ZONES RF REMOTE

#### CONSTRUCTION:

- Black ABS housing
- 2xAAA battery powered

#### FEATURES & BENEFITS:

- Remote control suitable for entire VEGAS range
- 4 independently programmable zones allowing complex lighting scenes
- 2.4GHz RF technology providing up to 20m operation range
- Pulse Width Modulation dimming technology
- Requires 2xAAA battery (not supplied)



Scan here for more  
product information  
and options



# LED FLEXI STRIPS

## VEGAS AMPLIFIER

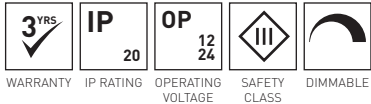
### SINGLE COLOUR

#### CONSTRUCTION:

- Powder coated pressed steel housing
- Large screw terminals
- Screw slots allowing surface mounting

#### FEATURES & BENEFITS:

- Signal amplifier for synchronous operation over long distance
- Use with ROBUS VEGAS LED drivers
- Only required when single colour flex-strip is dimmed for systems over 10m
- IP rated enclosure available (RVBIP2)
- Working voltage: 12-24VDC
- Current: 6A x 2 channel
- Connection mode: Common Anode



#### PRODUCT

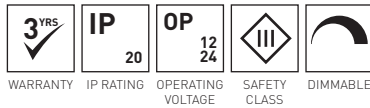
	RVACCT1-AMP
Total Power (W):	144   288
Housing Colour:	Black
Weight (kg):	0.13
Carton Qty:	50

DIMENSIONS (mm)	Length	Height/Depth	Width
RVACCT1-AMP	80	34	73



Scan here for more  
product information  
and options





#### PRODUCT

	RVARGB-AMP	RVARGBW-AMP
<b>Total Power (W):</b>	216   432	768
<b>Housing Colour:</b>	Black	Black
<b>Weight (kg):</b>	0.13	0.18
<b>Carton Qty:</b>	50	54

#### DIMENSIONS (mm)

	Length	Height/Depth	Width
RVARGB-AMP	80	34	73
RVARGBW-AMP	94	24	92

## LED FLEXI STRIPS VEGAS AMPLIFIER - RGB & RGBW

#### CONSTRUCTION:

- Powder coated pressed steel housing
- Large screw terminals
- Screw slots allowing surface mounting

#### FEATURES & BENEFITS:

- Signal amplifier for synchronous operation over long distance
- Use with ROBUS VEGAS LED drivers
- Required for lengths longer than 5m RGB
- IP rated enclosure available (RVBIP2)
- Working voltage: 12-24VDC
- Current: 6A x 2 Channel output power 216/432W
- Connection mode: Common Anode

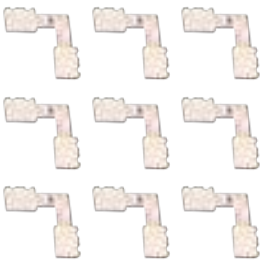


Scan here for more  
product information  
and options



# LED FLEXI STRIPS

## VEGAS LED ACCESSORIES



RVA4830LC-L



RVA4830LC-R



RVA4840LC-L



RVA4840LC-R



RVA9630LC-L



RVA9630LC-R



RVA9640LC-L



RVA9640LC-R

### VEGAS LED FLEXI-STRIP CCT2 CLIP CONNECTORS

PRODUCT	DESCRIPTION	PACK QTY
RVA4830LC-L	L-STRIP Left Connector 4.8W/ 12V 3000K	10
RVA4830LC-R	L-STRIP Right Connector 4.8W/ 12V 3000K	10
RVA4840LC-L	L-STRIP Left Connector 4.8W/ 12V 4000K	10
RVA4840LC-R	L-STRIP Right Connector 4.8W/ 12V 4000K	10
RVA9630LC-L	L-STRIP Left Connector 9.6W/ 24V 3000K	10
RVA9630LC-R	L-STRIP Right Connector 9.6W/ 24V 3000K	10
RVA9640LC-L	L-STRIP Left Connector 9.6W/ 24V 4000K	10
RVA9640LC-R	L-STRIP Right Connector 9.6W/ 24V 4000K	10



Scan here for more product information and options



**VEGAS 12V & 24V TUNABLE WHITE**  
MOTOR TRADE ASSOCIATION OF AUSTRALIA





LED FLEXI STRIPS

VEGAS LED

ACCESSORIES



PRODUCT	DESCRIPTION	PACK QTY
RVA48L-CONN	L Connector For 12V Single Colour IP20 LED Strip	10
RVARGBL-CONN	L Connector For 24V RGB IP20 LED Strip	10



PRODUCT	DESCRIPTION	PACK QTY
RVA48T-CONN	T Connector For 12V Single Colour IP20 LED Strip	10
RVARGBT-CONN	T Connector For 24V RGB IP20 LED Strip	10



PRODUCT	DESCRIPTION	PACK QTY
RVA48X-CONN	X Connector For 12V Single Colour IP20 LED Strip	10
RVARGBX-CONN	X Connector For 24V RGB IP20 LED Strip	10



Scan here for more  
product information  
and options



**NEW**  
for 2023



<b>3 YRS</b> WARRANTY	<b>30000</b> HRS RATED HOURS	<b>88-98</b> LmW LUMENS PER W	<b>IP</b> 20 IP RATING	<b>OP</b> 220 240 OPERATING VOLTAGE	<b>A</b> 120° BEAM ANGLE	<b>3000</b> 4000 CCT	<b>S</b> SAFETY CLASS	<b>D</b> DIMMABLE
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PRODUCT	R2MCOBSIK-30	R2MCOBSIK-40
Total Power (W):	17.4	17.3
Total Light Output (lm/M):	1550	1700
CCT (K):	3000	4000
Colour of light:	White	White
CRI:	80	80
Reel Length (mm):	2000	2000
Weight (kg):	0.21	0.21
Carton Qty:	20	20

PRODUCT	R5MCOBSIK-30	R5MCOBSIK-40
Total Power (W):	41.0	41.1
Total Light Output (lm/M):	3590	3900
CCT (K):	3000	4000
Colour of light:	White	White
CRI:	80	80
Reel Length (mm):	5000	5000
Weight (kg):	0.35	0.35
Carton Qty:	20	20

DIMENSIONS (mm)	Length	Height/Depth	Width
R2MCOBSIK-30	2000	2	10
R2MCOBSIK-40	2000	2	10
R5MCOBSIK-30	5000	2	10
R5MCOBSIK-40	5000	2	10

#### ACCESSORIES

R2MEC	VEGAS COB 2m Extension Cable With Barrel Jacks
R5MCCT1-WIFI	VEGAS CONNECT 96W WiFi Controller, IP20, Single Colour

## LED FLEXI STRIPS VEGAS COB LED FLEXI STRIP KIT

#### CONSTRUCTION:

- Copper substrate FPC strip PCB with silicone cover
- Complete with plug top power supply with 1.2m input cable
- Polycarbonate housing

#### FEATURES & BENEFITS:

- Suitable for use in bars & clubs, restaurants, under counter display, hotel/ office receptions, showrooms, exhibition stands, step lighting, window dressing
- Ingress protection of IP20 for indoor use only
- 3M self-adhesive tape
- Power consumption of 7.7W/m
- Cutting points every 45mm
- Complete with plugtop power supply with 2.1m cable
- 2m extension cable available as accessory (R2MEC)
- Compatible with R5MCCT1-WIFI controller



Scan here for more  
product information  
and options



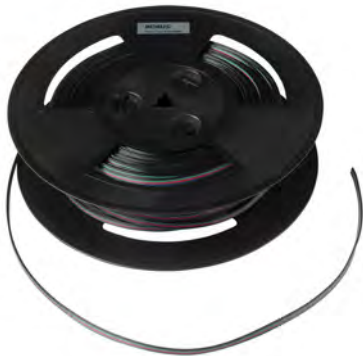
# LED FLEXI STRIPS

## VEGAS LED ACCESSORIES



20AWG 2 CORES DC LINES WIRE FOR SINGLE COLOUR LED STRIP, 50M

PRODUCT RVACCT1W50  
 Reel Length (mm): 50



20AWG 4 CORES DC LINES WIRE FOR RGB LED STRIP, 50M

PRODUCT RVARGBW50  
 Reel Length (mm): 50



22AWG 5 CORES DC LINES WIRE FOR RGBW LED STRIP, 50M

PRODUCT RVARGBWW50  
 Reel Length (mm): 50



VEGAS LED STRIP REEL & BAG - LARGE

PRODUCT	DESCRIPTION
RVAR-L	VEGAS LED Strip Reel, Large
RVAR-S	VEGAS LED Strip Reel, 7'*12mm
RVAST-L	VEGAS Static Bag , Large LED Strip reel
RVAST-S	VEGAS Static Bag for 7' LED Strip reel



Scan here for more product information and options



# LED FLEXI STRIPS

## VEGAS LED IP20

### ACCESSORIES

**NEW**  
for 2023



RVACCT1-C12



RVACCT1-C2



RVACCT1-CX



RVACCT1-C1



RVARGBN-C1



RVARGBN-C2

#### VEGAS LED FLEXI-STRIP IP20 CLIP CONNECTORS

PRODUCT	DESCRIPTION	PACK QTY
<b>RVACCT1-C1</b>	12V/24V RGB IP20/Strip-To-Driver, With 150mm Wire	10
<b>RVACCT1-C12</b>	12V/24V RGB IP20/Strip-To-Driver, With 2000mm Wire	10
<b>RVACCT1-C2</b>	12V/24V RGB IP20/Strip-To-Strip, With 150mm Wire	10
<b>RVACCT1-CX</b>	12V/24V RGB IP20/Strip-To-Driver, Without Wires	10
<b>RVARGBN-C1</b>	12V/24V RGB Tunable IP20 LED Strip-To-Driver With 150mm Wire	10
<b>RVARGBN-C12</b>	12V/24V RGB Tunable IP20 LED Strip-To-Driver With 2000mm Wire	10
<b>RVARGBN-C2</b>	12V/24V RGB Tunable IP20 LED Strip-To-Strip With 150mm Wire	10
<b>RVARGBWN-C1</b>	12V/24V RGBW Tunable IP20 LED Strip-To-Driver With 150mm Wire	10
<b>RVARGBWN-C12</b>	12V/24V RGBW Tunable IP20 LED Strip-To-Driver With 2000mm Wire	10
<b>RVARGBWN-C2</b>	12V/24V RGBW Tunable IP20 LED Strip-To-Strip With 150mm Wire	10



Scan here for more  
product information  
and options



# LED FLEXI STRIPS

## VEGAS LED IP67

### ACCESSORIES



### VEGAS LED FLEXI-STRIP IP67 CLIP CONNECTORS

PRODUCT	DESCRIPTION	PACK QTY
RVA67-EC	12V/24V CCT1 IP67 LED Strip/ 5 End Caps And 10 Clips	10
RVA67-G	GLUE For IP67 LED Strip Connectors	1
RVA67-H	HEAT SHRINK For IP67 LED Strip Connectors	10
RVA67N-C	12V/24V CCT1 IP67/Strip-To-Strip, Without Wires	10
RVA67N-C1	12V/24V CCT1 IP67/Strip-To-Driver, With 150mm Wire	10
RVA67N-C12	12V/24V CCT1 IP67/Strip-To-Driver, With 2000mm Wire	10
RVA67N-C2	12V/24V CCT1 IP67/Strip-To-Strip, With 150mm Wire	10
RVA67RGBN-C	12V/24V RGB IP67/Strip-To-Strip, Without Wires	10
RVA67RGBN-C1	12V/24V RGB IP67/Strip-To-Driver, With 150mm Wire	10
RVA67RGBN-C12	12V/24V RGB IP67/Strip-To-Driver, With 2000mm Wire	10
RVA67RGBN-C2	12V/24V RGB IP67/Strip-To-Strip, With 150mm Wire	10
RVA67RGBW-EC	24V RGBW IP67 LED Strip/5 End Caps And 10 Clips	10
RVA67RGBWN-C	24V RGBW IP67/Strip-To-Strip, Without Wires	10
RVA67RGBWN-C1	24V RGBW IP67/Strip-To-Driver, With 150mm Wire	10
RVA67RGBWN-C12	24V RGBW IP67/Strip-To-Driver, With 2000mm Wire	10
RVA67RGBWN-C2	24V RGBW IP67/Strip-To-Strip, With 150mm Wire	10



Scan here for more  
product information  
and options







# LED FLEXI STRIPS EXTRUSIONS FOR LED FLEXI-STRIP



## ANGLED, 45°

- 45° angled extrusion for use in corner installations
- Anodised aluminium
- Supplied in 2m lengths complete with end caps and mounting clips

### PRODUCT

**REXA172-23**

### Carton Qty:

30

### DIMENSIONS (mm)

	Length	Height/Depth	Width
REXA172-23	2000	18	26



## WIDE BASE, ANGLED, 45°

- 45° angled extrusion for use in corner installations
- Anodised aluminium
- Supplied in 2m lengths complete with end caps and mounting clips

### PRODUCT

**REXA202-23**

### Carton Qty:

30

### DIMENSIONS (mm)

	Length	Height/Depth	Width
REXA202-23	2000	18	26



## PLASTER-IN PROFILE, 14MM HEIGHT, 20.7MM WIDTH

- Anodised aluminium profile with polycarbonate opal diffuser
- Supplied in 2m lengths
- Complete with mounting screws and end caps

### PRODUCT

**REXP142-23**

### Carton Qty:

20

### DIMENSIONS (mm)

	Length	Height/Depth	Width
REXP142-23	2000	14	20.7



## RECESSED, 9.6MM DEEP, 16MM INNER WIDTH

- Low profile recessed extrusion with push on PC diffuser
- Wide enough to fit all Vegas and Vegas COB strip (including VEGAS RGBW IP67) and new IP20 connectors
- Anodised aluminium
- Supplied in 2m lengths complete with end caps

### PRODUCT

**REXR092-23**

### Carton Qty:

30

### DIMENSIONS (mm)

	Length	Height/Depth	Width
REXR092-23	2000	9.5	18



## RECESSED, 12MM HEIGHT, 26MM WIDTH

- Low profile recessed extrusion with push on PC diffuser
- Anodised aluminium
- Supplied in 2m lengths complete with end caps

### PRODUCT

**REXR122-23**

### Carton Qty:

30

### DIMENSIONS (mm)

	Length	Height/Depth	Width
REXR122-23	2000	12	18



Scan here for more product information and options



## LED FLEXI STRIPS EXTRUSIONS FOR LED FLEXI-STRIP



### RECESSED, 15MM

- Low profile recessed extrusion with push on PC diffuser
- Anodised aluminium
- Supplied in 2m lengths complete with end caps

#### PRODUCT

Carton Qty:

**REXR152-23**

30

#### DIMENSIONS (mm)

REXR152-23

Length

2000

Height/  
Depth

15

Width

25



### RECESSED, 21.7MM DEEP, 20.4MM INNER WIDTH

- Recessed extrusion with push on PC diffuser
- Deep enough to create a dotless effect when using VEGAS strip.
- Anodised aluminium
- Supplied in 2m lengths complete with end caps

#### PRODUCT

Carton Qty:

**REXR212-23**

20

#### DIMENSIONS (mm)

REXR212-23

Length

2000

Height/  
Depth

21

Width

30



### LOW PROFILE, 8MM

- Surface mounted
- Low profile extrusion with push on PC diffuser
- Anodised aluminium
- Supplied in 2m lengths complete with end caps and mounting clips

#### PRODUCT

Carton Qty:

**REXS082-23**

30

#### DIMENSIONS (mm)

REXS082-23

Length

2000

Height/  
Depth

7

Width

17.5



### SURFACE, 9.6MM DEEP, 16MM INNER WIDTH

- Low profile extrusion with push on PC diffuser
- Surface mounted
- Wide enough to fit all Vegas and Vegas COB strip (including VEGAS RGBW IP67) and new IP20 connectors
- Anodised aluminium
- Supplied in 2m lengths complete with end caps and mounting clips

#### PRODUCT

Carton Qty:

**REXS092-23**

30

#### DIMENSIONS (mm)

REXS092-23

Length

2000

Height/  
Depth

9.5

Width

18



### SURFACE MOUNTED, 21.7MM DEEP, 20.4MM INNER WIDTH

- Surface mounted extrusion with push on PC diffuser
- Deep enough to create a dotless effect when using VEGAS strip.
- Supplied in 2m lengths complete with end caps and mounting clips

#### PRODUCT

Carton Qty:

**REXS212-23**

20

#### DIMENSIONS (mm)

REXS212-23

Length

2000

Height/  
Depth

21

Width

23.5



### SURFACE MOUNTED, 12MM HEIGHT, 18MM WIDTH

- Low profile surface mounted extrusion with push on PC diffuser
- Anodised aluminium
- Supplied in 2m lengths complete with end caps

#### PRODUCT

Carton Qty:

**REXS122-23**

30

#### DIMENSIONS (mm)

REXS122-23

Length

2000

Height/  
Depth

12

Width

18



# LED FLEXI STRIPS

## EXTRUSIONS FOR

## LED FLEXI-STRIP

## END CAPS AND

## CLIPS



REXA172-EC



REXS122-EC



REXR152-EC



REXR122-EC



REXS082-EC



REXA202-EC

PRODUCT	DESCRIPTION	PACK QTY
REXA172-EC	End Cap For REXA172-23 Extrusion, No Hole	10
REXA202-EC	End Cap For REXA202-23 Extrusion, No Hole	10
REXS122-EC	End Cap For REXS122-23 Extrusion, No Hole	10
REXR122-EC	End Cap For REXR122-23 Extrusion, No Hole	10
REXR152-EC	End Cap For REXR152-23 Extrusion, No Hole	10
REXS082-EC	End Cap For REXS082-23 Extrusion, No Hole	10



Scan here for more  
product information  
and options





PRODUCT	REXSUS2-10	REXSUS2-11
Total Light Output (lm/M):	NA	NA
CCT (K):	NA	NA
CRI:	NA	NA
Reel Length (mm):	2000	2000
Weight (kg):	2.7	2.7
Carton Qty:	8	8

PRODUCT	REXSUS2-23
Total Light Output (lm/M):	NA
CCT (K):	NA
CRI:	NA
Reel Length (mm):	2000
Weight (kg):	2.7
Carton Qty:	8

DIMENSIONS (mm)	Length	Height/Depth	Width
REXSUS2-10	2000	70	60
REXSUS2-11	2000	70	60
REXSUS2-23	2000	70	60

#### ACCESSORIES

REXSUSD	Diffuser For REXSUS2 Extrusion, 25m Reel
---------	--

## LED FLEXI STRIPS SUSPENDED EXTRUSIONS

#### CONSTRUCTION:

- Extruded aluminium profile
- Polycarbonate diffuser and end caps
- Steel linking brackets, suspension cables and fixings

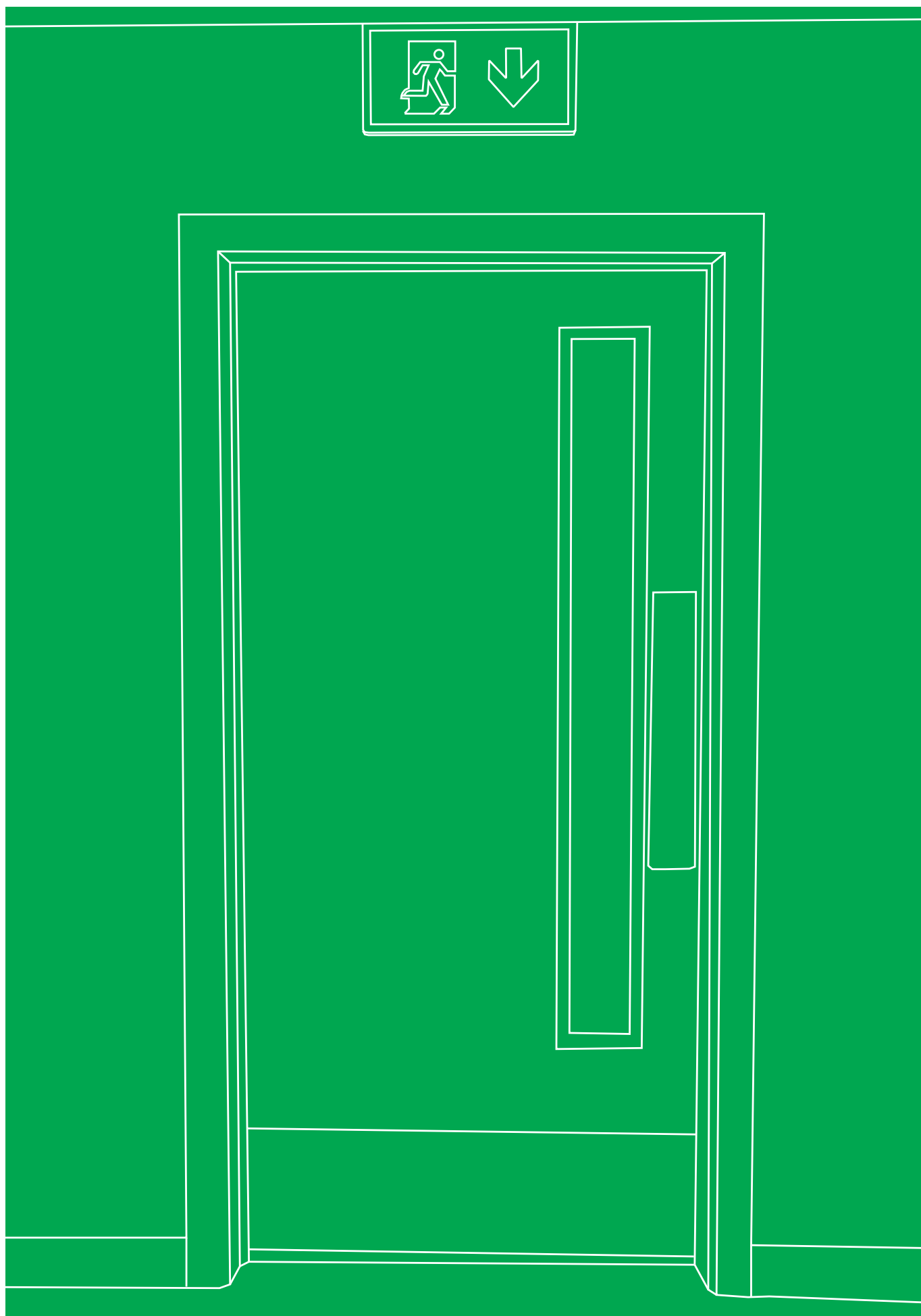
#### FEATURES & BENEFITS:

- Suitable for use with VEGAS, and VEGAS COB ranges
- Can be suspended by up to 0.9m
- Each extrusion comes with: polycarbonate opal diffuser, 4 suspension cable with mounting accessories, 4 end caps, 2 straight linking brackets
- Can fit following drivers: RVA3012-PSU, RVA3024-PSU, RVA6012-PSU, RVA6024-PSU, RVA3012DU-PSU, RVA3024DU-PSU
- Can fit VEGAS controllers: RVA4CH-RC, RVACCT1-WIFI, RVARGB-WIFI, RVARGBW-WIFI
- Available in black and white high quality powder coating finish or anodized aluminium natural colour



Scan here for more product information and options







# EMERGENCY

**152**

DYNAMO LED DOWNLIGHT

**154**

DRURY RECESSED BLADE

**155**

DRURY ADVANTAGE EMERGENCY  
BLADE

**156**

FINCH LED TWINSPOOT

**157**

VIVA EXIT BOX MANUAL TEST

**158**

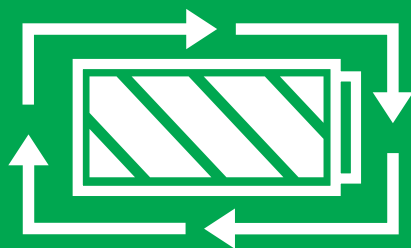
EGRESS EXIT BOX



## ROBUS EXTENSIVE EMERGENCY RANGE EMPLOYS THE PREFERRED LITHIUM BATTERY LIFEPO4 TECHNOLOGY.

### LIFEPO4 BATTERY BENEFITS:

- 1. Compact size:** LiFePO4 batteries are smaller in size this allows them to incorporate into emergency fittings easier allowing a sleeker and attractive design.
- 2. Safety enhanced:** LiFePO4 batteries have greater thermal and chemical stability compared to their lithium-ion batteries counterparts. They also don't suffer from 'thermal runaway' like other lithium-ion cells which has given them the reputation of being a safer and more stable battery.
- 3. Zero maintenance:** Unlike other lithium batteries LiFePO4 batteries do not require any servicing to prolong their life span.
- 4. LiFePO4 batteries** benefit from having an extremely low self-discharge and power consumption when in use. This means less carbon footprint and reduced costs.



LiFePO<sub>4</sub>



## VIVA EXIT BOX MANUAL TEST





# EMERGENCY DYNAMO LED DOWNLIGHT

### CONSTRUCTION:

- White finish polycarbonate/ aluminium housing & trim
- Spring steel ceiling retaining clips
- Aluminium/ FR-4 composite PCB
- LiFePO4 battery

### FEATURES & BENEFITS:

- Non-maintained emergency lighting is designed to turn on in the event of a power failure
- Complies with AS 2293.3
- D40 classification
- The fitting is prewired with 0.6m flex & plug
- A slim bezel provides a neat flush to the ceiling, attractive aesthetic
- Comes with LiFePO4 battery
- Can be surface mounted with IP20 RDYS-01 and IP67 RDYS65-01 accessory



<b>3 YRS</b>	<b>30000</b> HRS	<b>IP</b> 20	<b>OP</b> 220 240	<b>A</b> 150°	<b>5700</b>	
WARRANTY	RATED HOURS	IP RATING	OPERATING VOLTAGE	BEAM ANGLE	CCT	SAFETY CLASS

### PRODUCT

RDY2NMEMT-01

Total Power (W):	2.1
Total Light Output (lm):	240
Efficacy (lm/cctW):	NA
CCT (K)	5700
CRI:	70
Weight (kg)	0.5
Carton Qty:	20

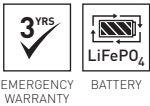
DIMENSIONS (mm)	Length	Height/Depth	Diameter	Width
RDY2NMEMT-01	190	30	145	53

### ACCESSORIES

RDYS-01	DYNAMO, Surface Mount Box Accessory
RDYS65-01	DYNAMO, Surface Mount Box Accessory IP65

EMERGENCY  
RDY2NMEMT-01

Total Emergency  
Light Output (lm)  
240



Scan here for more  
product information  
and options



## DYNAMO LED DOWNLIGHT





# EMERGENCY DRURY RECESSED BLADE

### CONSTRUCTION:

- White finished steel & polycarbonate housing & trim
- PMMA blade
- Spring steel ceiling recess clips
- LiFePO4 battery

### FEATURES & BENEFITS:

- The fitting is pre-wired with a plug so is a simple connection to the mains for ease of installation.
- A removable side plate allows fast and simple legend installation
- Maintained emergency lighting is designed to be lit continuously and will continue to work in the event of a power failure
- Comes with LiFePO4 battery



<b>5 YRS</b>	<b>50000</b> HRS	<b>IP</b> 20	<b>OP</b> 220 240	<b>A</b> 95°	<b>6500</b>	
WARRANTY	RATED HOURS	IP RATING	OPERATING VOLTAGE	BEAM ANGLE	CCT	SAFETY CLASS

### PRODUCT

RDR4EBLST-01

<b>Total Power (W):</b>	3.1
<b>Total Light Output (lm):</b>	60
<b>Efficacy (lm/cctW):</b>	NA
<b>CCT (K)</b>	6500
<b>CRI:</b>	80
<b>Weight (kg)</b>	1.45
<b>Carton Qty:</b>	6

<b>DIMENSIONS (mm)</b>	<b>Length</b>	<b>Height/Depth</b>	<b>Width</b>
RDR4EBLST-01	483	225	112

**EMERGENCY**  
RDR4EBLST-01

Total Emergency  
Light Output (lm)  
40

<b>3 YRS</b>	<b>SELF</b> <b>TEST</b>	
EMERGENCY WARRANTY	TESTING	BATTERY



Scan here for more  
product information  
and options





## EMERGENCY DRURY ADVANTAGE EMERGENCY BLADE

### CONSTRUCTION:

- White finished pressed steel & polycarbonate housing & trim
- PMMA blade
- Complete with fixings
- Prewired with 600mm flex and plug
- LiFePO4 battery

<b>5<sup>YRS</sup></b> WARRANTY	<b>50000</b> HRS RATED HOURS	<b>28</b> LmW LUMENS PER W	<b>IP</b> <b>20</b> IP RATING	<b>OP</b> <b>220</b> <b>240</b> OPERATING VOLTAGE	<b>150°</b> BEAM ANGLE	<b>6000</b> CCT	<b>SAFETY</b> <b>CLASS</b>
------------------------------------	---------------------------------------	-------------------------------------	-------------------------------------	---	------------------------------	--------------------	-------------------------------

### PRODUCT

**RDRA25EBLST-01**

<b>Total Power (W):</b>	2.5
<b>Total Light Output (lm):</b>	70
<b>Efficacy (lm/cctW):</b>	28
<b>CCT (K)</b>	6000
<b>CRI:</b>	75
<b>Weight (kg)</b>	1.5
<b>Carton Qty:</b>	6

<b>DIMENSIONS (mm)</b>	<b>Length</b>	<b>Height/Depth</b>	<b>Width</b>
RDRA25EBLST-01	490	220	112

### ACCESSORIES

RDRS-01 DRURY ADVANTAGE Ceiling Mount Surface Box

### EMERGENCY

RDRA25EBLST-01

Total Emergency  
Light Output (lm)  
230

<b>3<sup>YRS</sup></b> EMERGENCY WARRANTY	<b>SELF</b> <b>TEST</b> TESTING	<b>LiFePO<sub>4</sub></b> BATTERY
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### FEATURES & BENEFITS:

- Blade with downlight on each end provide exit direction and escape route illumination in one fitting
- Fully compliant with AS2293.3 Emergency Lighting regulations
- Max viewing distance of 24m
- Provides C0:D32 / C90:D25 Classification
- Using high Quality, long lasting LiFePO4 battery
- Automatic self-test-function
- Surface mount box accessory (RDRS-01)



Scan here for more  
product information  
and options



# EMERGENCY FINCH LED TWINSPOT

### CONSTRUCTION:

- High quality polycarbonate housing
- Polycarbonate heads and prismatic diffusers
- LiFePO4 battery

### FEATURES & BENEFITS:

- LED replacement for 2x50W halogen twin spots
- Prewired with 1.2m flex and plug
- Fully polycarbonate IP65 housing with high impact protection rating of IK08
- 20mm conduit entries in side and back
- Includes manual test switch and LED indicator
- Provides 2 hour emergency operation
- High quality LiFePO4 battery with 3 years warranty
- Input power is 4.9W / output power is 9W



<b>5 YRS</b>	<b>50000</b> HRS	<b>IK 08</b>	<b>IP</b> 65	<b>OP</b> 220 240	<b>A</b> 100°	<b>70°</b>	<b>180°</b>	<b>6500</b>	<b>S</b>
WARRANTY	RATED HOURS	IK RATING	IP RATING	OPERATING VOLTAGE	BEAM ANGLE	TILT ANGLE	SWIVEL	CCT	SAFETY CLASS

PRODUCT	RFN9I65-01
Total Power (W):	10
Total Light Output (lm):	1140
Efficacy (lm/cctW):	NA
CCT (K)	6500
CRI:	80
Weight (kg)	0.95
Carton Qty:	10

DIMENSIONS (mm)	Length	Height/Depth	Width
RFN9I65-01	300	292	48

EMERGENCY	Total Emergency Light Output (lm)	<b>3 YRS</b>	<b>LiFePO<sub>4</sub></b>
RFN9I65-01	1140	EMERGENCY WARRANTY	BATTERY



Scan here for more  
product information  
and options





WARRANTY	RATED HOURS	LUMENS PER W	IP RATING	OPERATING VOLTAGE	BEAM ANGLE	CCT	SAFETY CLASS

## PRODUCT

## R4EMLEDMT-01

Total Power (W):	2.7
Total Light Output (lm):	50
Efficacy (lm/cctW):	19
CCT (K)	6500
CRI:	70
Weight (kg)	1
Carton Qty:	6

## DIMENSIONS (mm)

	Length	Height/Depth	Width
R4EMLEDMT-01	350	220	80

## EMERGENCY

R4EMLEDMT-01

Total Emergency  
Light Output (lm)  
40



# EMERGENCY VIVA EXIT BOX MANUAL TEST

## CONSTRUCTION:

- High quality polycarbonate housing
- LiFePO4 battery

## FEATURES & BENEFITS:

- Fully complies with AS2293.3 Emergency Lighting regulations
- Maintained fitting
- Viewing distance of 24m
- LiFePO4 battery means that this fitting is fast charging for shorter commissioning time and is slow to discharge when not connected to mains
- Equipped with large terminals for fast and simple connection of flex and plug
- Included Legends - Running Man Right, Running Man Left, Running Man with Right Arrow, Running Man with Left Arrow



Scan here for more  
product information  
and options



# EMERGENCY EGRESS EXIT BOX

### CONSTRUCTION:

- High quality polycarbonate housing
- LiFePO4 battery

### FEATURES & BENEFITS:

- LED replacement for T5 emergency exit signs
- Complete with automatic self-test function
- Max viewing distance of 24m
- 3 hour emergency operation
- Only 2.8W in maintained mode
- ABS housing with polystyrene diffuser, 850°C glow wire test compliant
- Complete with three legends: arrow left, right, and running man
- 5 year warranty for the fitting and 3 year for battery



<b>5 YRS</b>	<b>50000</b>	<b>21</b>	<b>IP</b>	<b>OP</b>	<b>A</b>	<b>6500</b>	<b>SAFETY</b>
WARRANTY	RATED HOURS	LUMENS PER W	IP RATING	OPERATING VOLTAGE	BEAM ANGLE	CCT	CLASS

### PRODUCT

REG3ST-01

Total Power (W):	2.8
Total Light Output (lm):	60
Efficacy (lm/cctW):	21
CCT (K)	6500
CRI:	75
Weight (kg)	1.1
Carton Qty:	8

DIMENSIONS (mm)	Length	Height/Depth	Width
REG3ST-01	380	108	161

EMERGENCY  
REG3ST-01

Total Emergency  
Light Output (lm)  
40

<b>3 YRS</b>	<b>SELF</b>	<b>LiFePO<sub>4</sub></b>
EMERGENCY WARRANTY	TESTING	BATTERY



Scan here for more  
product information  
and options



## EMERGENCY SUMMARY

### DUKE2 LED CCT3 SELECTABLE MULTIWATTAGE BATTEN

DUKE2 LED CCT3 SELECTABLE  
Emergency product

Page	Code				
42	<b>RDKX12CCT3E-01</b>	1.2M	2x36W T8	C0: D50 / C90: D32	



### SULTAN LED Corrosion Proof CCT3

SULTAN LED Corrosion Proof CCT3  
Emergency product

Page	Code				
52	<b>RSU2406CCT3E-24</b>	0.6M, Double	2x18W	C0: D50 / C90: D32	
52	<b>RSU4812CCT3E-24</b>	1.2M, Double	2x36W	C0: D50 / C90: D25	
52	<b>RSU4812CCT3110E-24</b>	1.2M, Double	2x24W	D50 in C0/180 axis and D25 in C90/270	



### HARBOUR LED Corrosion Proof CCT3

HARBOUR LED Corrosion Proof CCT3 Selectable  
Emergency product

Page	Code				
56	<b>RHA4012CCT3E-24</b>	1.2M, Double	2x20W	C0:D40/ C90: D25	
56	<b>RHA2WEMSTA-PSU</b>	NA	NA	NA	

Emergency pack is compatible with;  
RHA1006CCT3-24, RHA2006CCT3-24, RHA2012CCT3-24,  
RHA4012CCT3-24, RHA5515CCT3-24, RHA2012CCT3DP-24,  
RHA4012CCT3DP-24 & DUKE 2 Range



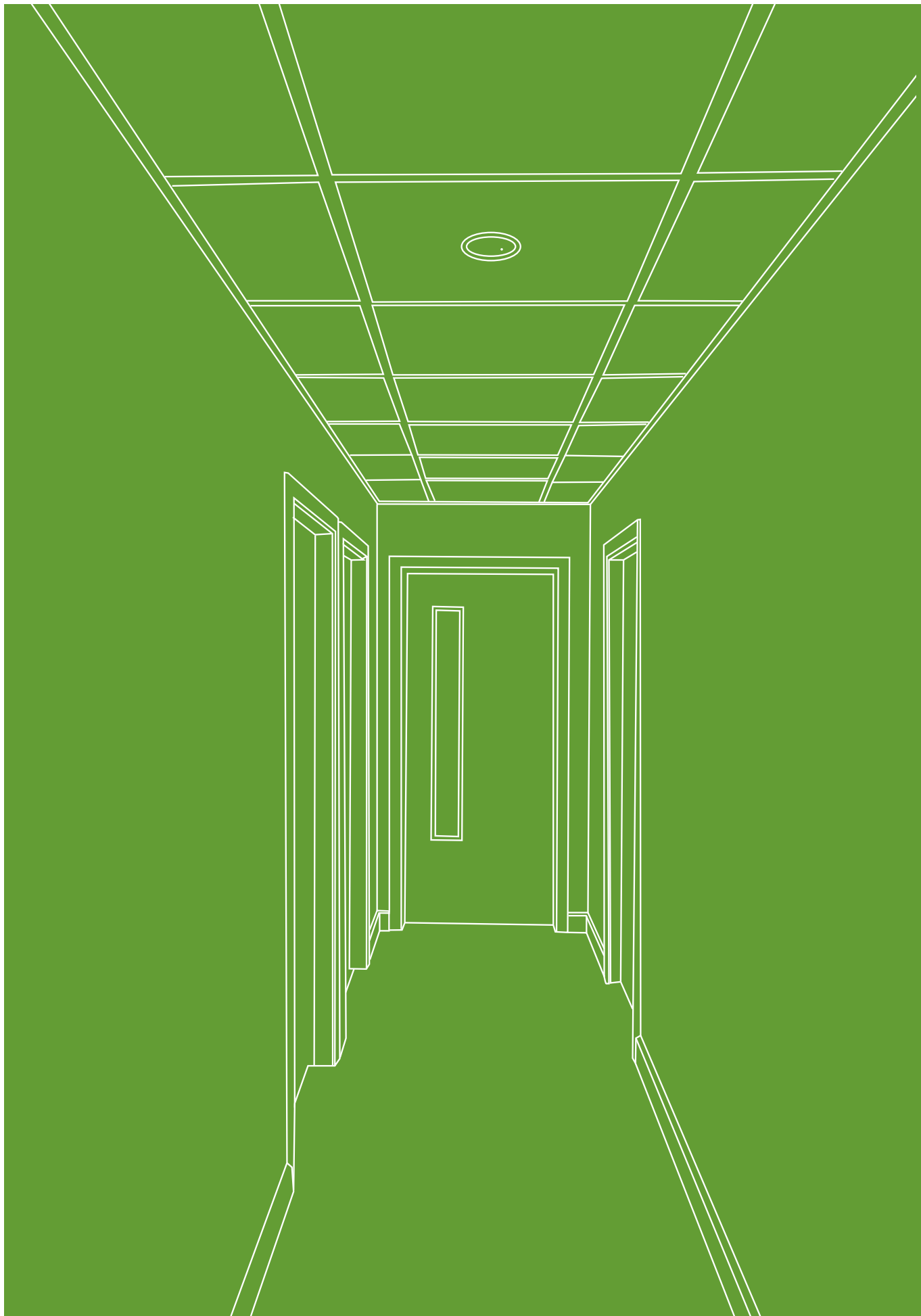
### VEGA LED BULKHEAD

VEGA  
Emergency product

Page	Code			
95	<b>RVE1440EF-01</b>	14W	C0:C40/ C90:C40	









# LIGHTING CONTROLS

**162**

PROTON RECESSED 360 PIR

**163**

PROTON UNIVERSAL 360 PIR

**164**

PROTON SURFACE 360 PIR

**165**

ZUNI RECESSED 360 PIR

**166**

PROTON RECESSED 360 PIR

**167**

DAYLIGHT HARVEST SENSOR

**168**

PROTON MICROWAVE SENSOR

**170**

WALL MOUNTED 180 PIR

**171**

PROTON SURFACE MOUNT PIR

**172**

PROTON WALL MOUNTED  
MULTIDIRECTIONAL 180 PIR

**173**

LOADPRO 350W LED ROTARY  
DIMMER

**174**

LOADPRO 250W LED TOUCH  
DIMMER

**175**

DALI DIMMABLE DRIVER

**176**

30W DIMMABLE DRIVER



LIGHTING  
CONTROLS  
**PROTON RECESSED  
360 PIR**





**CONSTRUCTION:**

- Polycarbonate sensor body
- Spring steel retaining clips
- 3-way screw connector block

**FEATURES & BENEFITS:**

- Passive infra red ensures light is switched on when sensor detects movement of heat, switched off when area is vacated. Minimises false / unwanted triggering
- Manual over ride with automatic reset after 8 hours
- Easy access to adjust time and lux controls once PIR installed
- Large terminals accept 2 x 1.5mm<sup>2</sup> conductors in each terminal. Facility for loop in loop out
- Earth terminal included
- 3 wire - multiple sensors can be wired in parallel



			
WARRANTY	IP RATING	OPERATING VOLTAGE	SAFETY CLASS

**PRODUCT**

**RPR360PIRR-01**

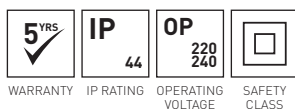
<b>Maximum LED Load</b>	400
<b>Detection Area:</b>	360
<b>Mounting Height (m):</b>	2.8
<b>Detection Zone Diameter (m):</b>	6
<b>Detection Angle (deg)</b>	120
<b>Holding Times:</b>	10sec to 15min
<b>Lux Switching Levels (lx):</b>	3lx to 2000lx
<b>Operating Temperature (°C):</b>	-20+40
<b>Weight (kg)</b>	0.11
<b>Carton Qty:</b>	40

<b>DIMENSIONS (mm)</b>	<b>Height/Depth</b>	<b>Diameter</b>	<b>Cut-out</b>
RPR360PIRR-01	78	80	66



Scan here for more  
product information  
and options





## PRODUCT

**RU360-01**

Maximum LED Load	300
Detection Area:	360
Mounting Height (m):	2.8
Detection Zone Diameter (m):	18
Detection Angle (deg)	120
Holding Times:	10sec to 40min
Lux Switching Levels (lx):	10lx to 2000lx
Operating Temperature (°C):	-5+40
Weight (kg)	0.24
Carton Qty:	50

## DIMENSIONS (mm)

	Height/Depth	Diameter	Cut-out
RU360-01	57	106	84

## ACCESSORIES

RU360TRIM-04	PROTON Universal 360 Degree PIR, Trim Black
--------------	---

# LIGHTING CONTROLS PROTON UNIVERSAL 360 PIR

## CONSTRUCTION:

- Polycarbonate sensor body
- Spring steel retaining clips
- 3-way screw connector block
- Surface or recess mountable
- IP rating when surface mounted IP44, when recessed IP20

## FEATURES & BENEFITS:

- Passive infra-red; ensures light is switched on when sensor detects movement of heat, therefore lighting is switched off when the area is vacated and minimize false/unwanted triggering
- Surface and recessed mount in one fitting
- Adjustable passive photocell; inhibits switching where natural light is sufficient
- High load contact rating; allows numerous fittings to be switched
- Manual override with automatic reset after 8 hours
- Large terminals accept 2 x 1.5mm<sup>2</sup> conductors in each terminal; facility to loop in/loop out to parallel sensors or multiple fittings
- PIR detection range of 12m occupancy range of 6m
- No minimum load



Scan here for more  
product information  
and options



LIGHTING  
CONTROLS  
**PROTON SURFACE  
360 PIR**





**CONSTRUCTION:**

- Polycarbonate sensor body
- 3-way screw connector block

**FEATURES & BENEFITS:**

- Passive infra-red; ensures light is switched on when sensor detects movement of heat, therefore lighting is switched off when the area is vacated and minimize false/unwanted triggering
- Adjustable passive photocell; inhibits switching where natural light is sufficient
- High load contact rating; allows numerous fittings to be switched
- Rear and side entry knockouts, integral cable clamp
- Large terminals accept 2 x 1.5mm<sup>2</sup> conductors in each terminal; facility to loop in/loop out to parallel sensors/multiple fittings
- 3 wire- multiple sensors can be wired in parallel
- No minimum load requirements



			
WARRANTY	IP RATING	OPERATING VOLTAGE	SAFETY CLASS

PRODUCT	R360N-01
Maximum LED Load	150
Detection Area:	360
Mounting Height (m):	2.8
Detection Zone Diameter (m):	9
Detection Angle (deg)	120
Holding Times:	5sec to 15min
Lux Switching Levels (lx):	2lx to 2000lx
Operating Temperature (°C):	5+25
Weight (kg)	0.24
Carton Qty:	50

DIMENSIONS (mm)	Height/Depth	Diameter
R360N-01	45	110



Scan here for more  
product information  
and options





#### PRODUCT

**RZU360RI20-01**

Maximum LED Load	400
Detection Area:	360
Mounting Height (m):	2.8
Detection Zone Diameter (m):	6
Detection Angle (deg)	120
Holding Times:	10sec to 15min
Lux Switching Levels (lx):	3lx to 300lx, disabled
Operating Temperature (°C):	-20+40
Weight (kg)	0.053
Carton Qty:	100

#### DIMENSIONS (mm)

RZU360RI20-01

#### Height/Depth

67

#### Diameter

50

## LIGHTING CONTROLS ZUNI RECESSED 360 PIR

#### CONSTRUCTION:

- Polycarbonate housing
- 3-way screw connector block
- Spring steel retaining clips

#### FEATURES & BENEFITS:

- Suitable for recessed applications
- Polycarbonate housing providing high impact of IK10
- Suitable for loop-in/loop-out to parallel sensors or multiple fittings
- High load contact rating allows numerous fittings to be switched
- 3 wire – Multiple sensors can be wired in parallel
- No minimum load requirements



Scan here for more  
product information  
and options



LIGHTING  
CONTROLS  
**PROTON RECESSED  
360 PIR**





**CONSTRUCTION:**

- Polycarbonate housing
- 3-way screw connector block
- Spring steel retaining clips

**FEATURES & BENEFITS:**

- Passive infra-red; ensures light is switched on when sensor detects movement of heat, therefore lighting is switched off when the area is vacated and minimize false/unwanted triggering
- Adjustable passive photocell; inhibits switching where natural light is sufficient
- Clear terminal cover, integral clamp and large mains terminals for 2 x 1.5mm<sup>2</sup> conductors
- Terminations are safe and visible and enables loop-in/loop-out for supply to other sensors
- No minimum load requirements



 WARRANTY	 IP RATING	 OPERATING VOLTAGE	 SAFETY CLASS
---	--	--	---

**PRODUCT**

**RR360-01**

Maximum LED Load	300
Detection Area:	360
Mounting Height (m):	2.8
Detection Zone Diameter (m):	9
Detection Angle (deg)	120
Holding Times:	5sec to 15min
Lux Switching Levels (lx):	2lx to 2000lx
Operating Temperature (°C):	5+25
Weight (kg)	0.11
Carton Qty:	50

**DIMENSIONS (mm)**

RR360-01

**Height/Depth**

60

**Diameter**

75

**Cut-out**

62



Scan here for more  
product information  
and options

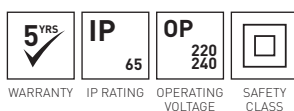




## LIGHTING CONTROLS DAYLIGHT HARVEST SENSOR

### CONSTRUCTION:

- All polycarbonate construction
- Prewired with 700mm 5 core flex



### PRODUCT

### RDLHRV-HMW32S

Maximum LED Load	800
Detection Area:	360
Mounting Height (m):	4-15
Detection Zone Diameter (m):	10
Detection Angle (deg)	150
Holding Times:	5s to 30min
Lux Switching Levels (lx):	NA
Operating Temperature (°C):	-20+40
Weight (kg)	0.209
Carton Qty:	32

### DIMENSIONS (mm)

	Length	Height/Depth	Width
RDLHRV-HMW32S	91.5	59.3	81.5

### ACCESSORIES

HRC-11	Remote Control For Daylight Harvest Sensor For HIM31 + HIM32-C Sensor
--------	---

### FEATURES & BENEFITS:

- Suitable for use in wet or dusty environments
- Very sensitive to movement of people and objects such as fork lifts so ensures lighting will be triggered on when required
- The unit can be set to a range of target set point light levels
- It also provides a safety lighting level



Scan here for more  
product information  
and options



LIGHTING  
CONTROLS  
**PROTON  
MICROWAVE  
SENSOR**

**CONSTRUCTION:**

- All polycarbonate construction
- Push in input and output terminals



**FEATURES & BENEFITS:**

- Whilst the LED lighting revolution is with us and providing huge energy savings, even greater efficiencies can be made using lighting controls. This sensor makes greater energy savings by:
- Ensuring that lighting is only switched on when it detects movement and when the ambient light level is below the adjustable lux switching level
- Adjustable sensing distance which can be reduced in the range 100% to 10% to alleviate false triggering
- Hold times can be set to short duration or up to 30 minutes for switch sensitive light sources
- Simple installation and connection is also provided with fast fix spring terminals for 0.75 – 1,5mm conductors

WARRANTY	IP RATING	OPERATING VOLTAGE	SAFETY CLASS

**PRODUCT**

**RPR200MW-01**

<b>Maximum LED Load</b>	400
<b>Detection Area:</b>	360
<b>Mounting Height (m):</b>	6
<b>Detection Zone Diameter (m):</b>	12
<b>Detection Angle (deg)</b>	360
<b>Holding Times:</b>	5sec to 30min
<b>Lux Switching Levels (lx):</b>	2lx to 50lx, disabled
<b>Operating Temperature (°C):</b>	-20+40
<b>Weight (kg)</b>	0.045
<b>Carton Qty:</b>	150

<b>DIMENSIONS (mm)</b>	<b>Length</b>	<b>Height/Depth</b>	<b>Width</b>
RPR200MW-01	91.5	59.3	81.5



Scan here for more  
product information  
and options



## PROTON RECESSED 360 PIR





LIGHTING  
CONTROLS  
WALL MOUNTED  
180° PIR

CONSTRUCTION:

- Injection moulded ABS body
- 3-way screw connector block

FEATURES & BENEFITS:

- Suitable for surface indoor and outdoor sheltered applications
- Weatherproof housing. Injection moulded ABS body providing high impact resistant
- Manual override facility with automatic reset after 8hrs
- High load contact rating allows numerous fittings to be switched
- Suitable for loop-in/loop-out to parallel sensor or multiple fittings
- 3 wire – multiple sensors can be wired in parallel
- No minimum load requirements
- Can be wall or ceiling mount



WARRANTY	IP RATING	OPERATING VOLTAGE	TILT ANGLE	SAFETY CLASS

PRODUCT	L180B-01
Maximum LED Load	150
Detection Area:	180
Mounting Height (m):	2.5
Detection Zone Diameter (m):	12
Detection Angle (deg)	120
Holding Times:	10sec to 4min
Lux Switching Levels (lx):	2lx to 2000lx
Operating Temperature (°C):	-5+40
Weight (kg)	0.26
Carton Qty:	50

DIMENSIONS (mm)	Length	Height/Depth	Width
L180B-01	91.5	59.3	81.5



Scan here for more  
product information  
and options

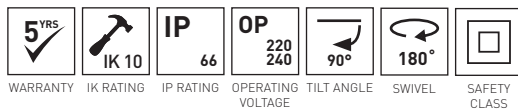




## LIGHTING CONTROLS PROTON SURFACE MOUNT PIR

### CONSTRUCTION:

- Weatherproof IP66 polycarbonate housing
- 3-way screw connector block



### PRODUCT

	<b>R110PIR3WM-24</b>
<b>Maximum LED Load</b>	500
<b>Detection Area:</b>	180
<b>Mounting Height (m):</b>	2.5
<b>Detection Zone Diameter (m):</b>	18
<b>Detection Angle (deg)</b>	120
<b>Holding Times:</b>	10sec to 30min
<b>Lux Switching Levels (lx):</b>	3lx to 2000lx
<b>Operating Temperature (°C):</b>	-20+40
<b>Weight (kg)</b>	0.256
<b>Carton Qty:</b>	40

<b>DIMENSIONS (mm)</b>	<b>Length</b>	<b>Height/Depth</b>	<b>Width</b>
R110PIR3WM-24	91.5	59.3	81.5

### FEATURES & BENEFITS:

- Suitable for surface indoor and outdoor applications
- Can be either wall or ceiling mounted
- Manual override facility
- 3-wire version allowing for continuity of neutral in the circuit
- Large terminals suitable for up to 2x1.5mm<sup>2</sup> conductors
- Detection angle of 120°
- Adjustment range: 180° horizontal, 90° vertical



Scan here for more  
product information  
and options



LIGHTING  
CONTROLS  
PROTON WALL  
MOUNTED  
MULTIDIRECTIONAL  
180° PIR

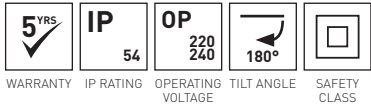
CONSTRUCTION:

- All polycarbonate construction
- 3-way screw connector block



FEATURES & BENEFITS:

- Passive infra red ensures light is switched on when sensor detects movement of heat, switched off when area is vacated
- Can be either wall or ceiling mounted
- High load contact rating, allows numerous fittings to be switched
- Manual over ride with automatic reset after 8 hours
- Large terminals accept 2 x 1.5mm<sup>2</sup> conductors in each terminal. Facility for loop in loop out
- 3 wire - multiple sensors can be wired in parallel
- Complete with accessory shield to reduce detection angle
- No minimum load requirements



PRODUCT	RPR180PIR-01	RPR180PIR-04
Maximum LED Load	300	300
Detection Area:	180	180
Mounting Height (m):	2.5	2.5
Detection Zone Diameter (m):	12	12
Detection Angle (deg)	120	120
Holding Times:	10sec to 15min	10sec to 15min
Lux Switching Levels (lx):	3lx to 2000lx	3lx to 2000lx
Operating Temperature (°C):	-20+40	-20+40
Weight (kg)	0.16	0.16
Carton Qty:	40	40

DIMENSIONS (mm)	Length	Height/Depth	Width
RPR180PIR-01	91.5	59.3	81.5
RPR180PIR-04	91.5	59.3	81.5

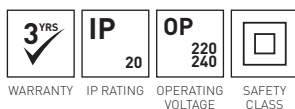
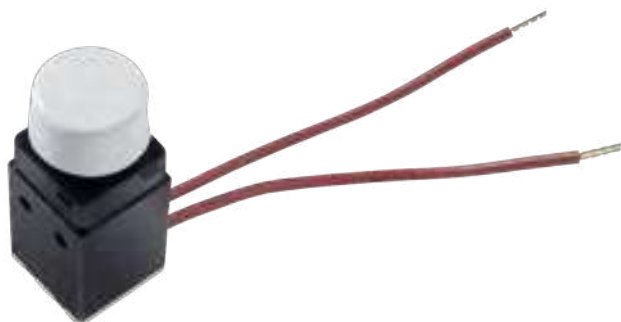
ACCESSORIES

RPRBRK-01	PROTON Corner Mounting Bracket, White For RPR180PIR-01
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Scan here for more product information and options





#### PRODUCT

**RLA350DTR-01**

<b>Maximum Load:</b>	350
<b>Minimum Load:</b>	5
<b>Operating Temperature (°C):</b>	-10+40
<b>Weight (kg)</b>	0.056
<b>Carton Qty:</b>	200

#### DIMENSIONS (mm)

	Length	Height/Depth	Width
RLA350DTR-01	64	45	26

## LIGHTING CONTROLS **LOADPRO 350W LED ROTARY DIMMER**

#### CONSTRUCTION:

- Polycarbonate housing
- Prewired 150mm PVC insulated cables with copper terminations

#### FEATURES & BENEFITS:

- Trailing edge electronic dimmer optimised for LED loads
- Combined dimmer and on/ off switch with soft start and overload protection
- Min load of 5W
- Max LED load of 350W
- Compatibility list available on ROBUS website



Scan here for more  
product information  
and options



LIGHTING  
CONTROLS  
**LOADPRO 250W LED  
TOUCH DIMMER**





**CONSTRUCTION:**

- Polycarbonate housing
- Two way screw terminal



**FEATURES & BENEFITS:**

- Trailing edge electronic dimmer optimised for LED loads
- Combined dimmer and on/off switch with soft start and overload protection
- Min and max brightness trimming with dimming speed adjustment
- Compatibility list available on ROBUS website

			
WARRANTY	IP RATING	OPERATING VOLTAGE	SAFETY CLASS

**PRODUCT**

**RLA250DTT-01**

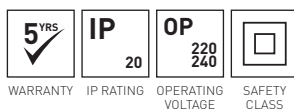
<b>Minimum Load:</b>	5
<b>Maximum Load:</b>	250
<b>Operating Temperature (°C):</b>	-10+40
<b>Weight (kg)</b>	0.027
<b>Carton Qty:</b>	240

<b>DIMENSIONS (mm)</b>	<b>Length</b>	<b>Height/Depth</b>	<b>Width</b>
RLA250DTT-01	23	55	23



Scan here for more  
product information  
and options





## PRODUCT

**HED6045/D2**

Maximum LED Load	45
Operating Temperature (°C):	-20+40
Weight (kg)	0.3
Carton Qty:	24

## DIMENSIONS (mm)

	Length	Height/Depth	Width
HED6045/D2	185	23	80

# LIGHTING CONTROLS DALI DIMMABLE DRIVER

## CONSTRUCTION:

- Polycarbonate housing
- Plug and play connection with PA66 connector

## FEATURES & BENEFITS:

- Constant current universal driver suitable for use with DALLAS, MIRA, GRANADA and LOGAN
- Manual override function in DALI systems enabled by connecting switch dim at the same time allowing manual control of the circuit
- Up to 64 drivers can be controlled by switch-dim by simple programming
- High frequency output of 1kHz
- When dimmed above 30%, the driver is deemed flicker free
- Adjustable current output of 350-1100mA
- Output short circuit and over-heat protection with auto-reset



Scan here for more  
product information  
and options



LIGHTING  
CONTROLS  
30W DIMMABLE  
DRIVER

CONSTRUCTION:

- Polycarbonate body
- Input and output screw terminals

FEATURES & BENEFITS:

- Provides functional dimming to compliment natural light
- Saves even more energy when dimmed
- Great as a retrofit solution with existing dimmer switches
- Compatible with 30W DALLAS and GRANADA luminaires



3 YRS

WARRANTY

IP 20

IP RATING

OP 220-240

OPERATING VOLTAGE

SAFETY CLASS

PRODUCT	RMP30-PSU
Maximum LED Load	30
Operating Temperature (°C):	-20+40
Weight (kg)	0.25
Carton Qty:	1

DIMENSIONS (mm)	Length	Height/Depth	Width
RMP30-PSU	175	30	48



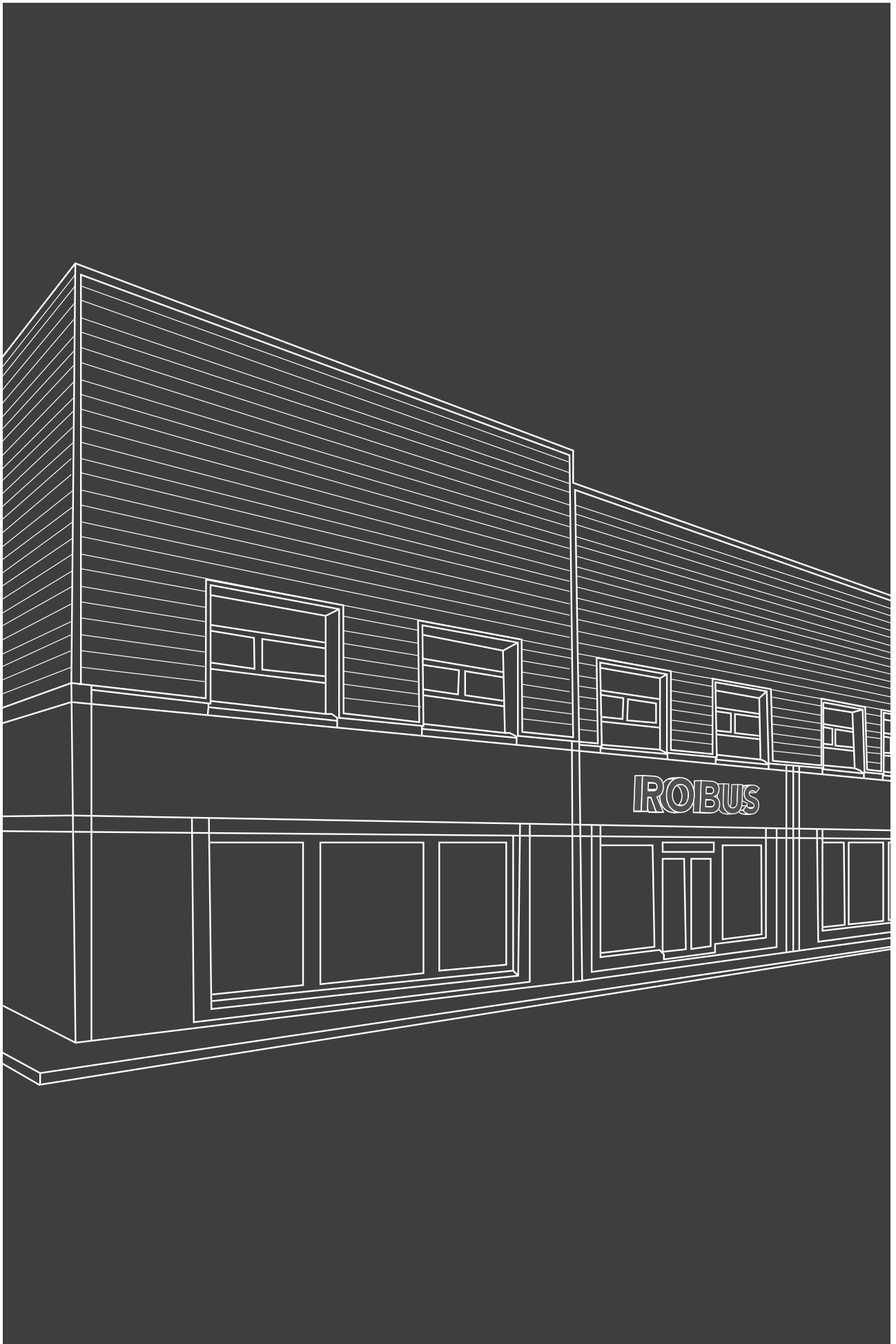
Scan here for more  
product information  
and options



**PROTON WALL MOUNTED  
MULTIDIRECTIONAL 180° PIR**









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LAMP TYPES



# SINCE ITS INTRODUCTION THE ROBUS BRAND OF LIGHTING SOLUTIONS HAS BECOME SYNONYMOUS WITH INNOVATION AND QUALITY.

WE ARE THE LARGEST IRISH LIGHTING COMPANY IN THE WORLD WITH A LONG AND PROUD TRADITION OF COMMERCIAL SUCCESS AND RELATIONSHIPS ACROSS IRELAND, THE UK, EUROPE, UAE AND AUSTRALASIA.

The LED Group has developed the globally successful ROBUS brand of products sold through the electrical wholesale market. ROBUS has a reputation for energy efficient commercial and residential solutions, supported by world class customer service in more than 40 countries around the world.

Located in Dublin is our 10,000sqm head office and distribution centre. We also have distribution and offices in the UK, Australia, China, France, Benelux, South Africa, New Zealand and the Middle East, servicing over 3,000 stockists and tens of thousands of installers. We employ more than 200 talented people around the world, working with us to grow our business and nurture the ROBUS brand. Our global presence enables us to meet the current and future needs of our customers and the aspirations of our people.

The LED Group is a member of EMDA Electrical Manufacturing & Distribution Ireland, the EDA Electrical Distributors Association UK, the LIA Lighting Industry Association in the UK and the Lighting Council in Australia.





HQ Dublin, Ireland

UK

France

Benelux

South Africa

China

Australia

Middle East

New Zealand





## GENERAL INFORMATION

# MEASURING PERFORMANCE

Our customers want proof of lighting performance, so we conduct in-house as well as external testing. Our in-house tests are carried out using an integrating sphere measurement system.

The integrating sphere has a massive 1.5m diameter, making it suitable for testing luminaires of up to 1m in length.

Measurement accuracy is achieved and maintained through the use of a calibrated lamp, traceable to international standards.

LED Group is also subscribed to LIA labs registered photometric labs scheme.

The equipment forms a critical part in LED Group's product approval process in ensuring that a product is meeting the required performance parameters. The measurement parameters are:

- **Luminous Flux** – Total (usable) lumens, describing how 'bright' the fitting is.
- **Luminaire Efficacy** – Lumens per Watt, a measure of efficiency.
- **CCT** – Correlated Colour Temperature, describing the light colour and appearance (e.g. 4,000K Neutral White).
- **CRI** – Colour Rendering Index is a measure of how well the light reproduces the real colours of illuminated objects.



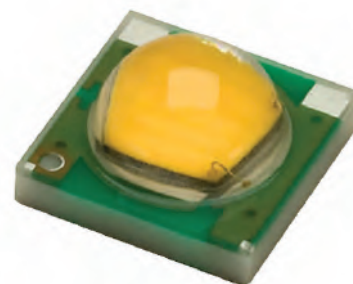


# GENERAL INFORMATION

## QUALITY & RELIABILITY

LED Lighting boasts many advantages; energy efficiency, low maintenance, long life and ease of installation to name a few. But all LED Lighting is not the same.

The upfront investment in LED technology is higher, and easily justified; but how do you know if the LED's you are buying are good quality or suitable for purpose? What LED brands are you investing in and what do you know about their quality assurances?



### QUESTIONS YOU SHOULD ASK YOUR LED LIGHTING SUPPLIER

#### **QUESTION 1: What LED is used in the product?**

The supplier should know the LED used as the quality of an LED product can depend strongly on this.

Lower tier LEDs can exhibit significant reductions in light output and shifts in colour after only a short operating period. Datasheets and LM-80 data should be available for the LEDs in question, which can be used to determine if they are being driven at the correct current and temperature and what the expected lifetime will be.

#### **QUESTION 2: What lifetime is claimed for the product and what is the warranty period?**

Lifetime claims can be greatly exaggerated and reflect LEDs operating under ideal conditions rather than the actual product as a whole.

A fitting is only as good as its weakest link.

Lifetime and warranty periods are not the same!

Warranty period is most applicable for energy saving and return on investment calculations.

Be very wary of any warranty period offered that is longer than the supplier has been in business.

Consider the level of support available if there are any future issues with the product.

#### **QUESTION 3: Are full photometric files (.LDT, .IES, etc.) available for the product?**

Lumen output and efficacy claims may be exaggerated by basing values on LEDs operating under optimum conditions, rather than on the complete fitting.

In general, products must be sent to an independent test lab to generate the photometric files.

These files are a very useful means to verify product performance.

Photometric files are also essential for lighting designers to model lighting installations in Relux or Dialux lighting design software.

#### **QUESTION 4: What is the colour binning range for the product (e.g. 4000K +/- 5%) and what are the specific colour bins used?**

LED products can vary significantly in colour from batch to batch unless the supplier understands and controls the binning range.

The supplier should be able to provide this binning information and ensure that there is the minimum of colour variation (MacAdam Ellipses) between batches.

#### **QUESTION 5: Does the product have the relevant certification approvals for the application?**

Certification is best practice to ensure a product meets Safety, EMC and Environmental requirements.

For this reason, and since it is expensive for suppliers to obtain, evidence of certification is a useful way to determine product and supplier quality.

CE Marking also carries with it obligations with respect to meeting minimum product performance levels as defined by ERP Directives.

It is the responsibility of the supplier to be able to prove that a product is inherently safe and fit for purpose – there are sanctions for not meeting this.

#### **QUESTION 6: If it is a dimmable product, what dimmers is the product compatible with?**

LED products are suitable for dimming if properly specified.

The supplier should be able to provide a list of compatible dimmers that can be used with the product.

#### **QUESTION 7: What is the CRI (Colour Rendering Index) of the product?**

Light quality is measured by CRI, which is important for many illumination applications, as it indicates how realistic colours may appear.

Most internal lighting applications should use CRI of 80 or above, whereas CRI of 65 or above is acceptable for external lighting applications.

#### **QUESTION 8: What is the Power Factor of the product?**

Poor power factor results in inefficient use of power from the electrical grid.

This is important for larger installations as electricity providers can sometimes impose penalties for this.

For fittings of 25W or greater, power factor must exceed 0.9.

#### **QUESTION 9: What is the THD (Total Harmonic Distortion) of the product?**

High levels of THD can result in voltage and current spikes when a product is switched on, resulting in circuit breakers tripping.

This is important for larger installations as the effect is increased for increased fittings.



# GENERAL INFORMATION

## IP RATING

### WHAT IS IP RATING?

The resistance offered by the fixture to the penetration of solids and liquids is indicated by the IP (Ingress Protection) rating. This is a two digit number, the first number identifies the degree of protection against the ingress of solids and the second number against liquids e.g. IP65 indicates total protection against dust and protection against low pressure jets of water.

#### First Digit

##### Protection against solids

- 0** No protection
- 1** Protected against solid objects greater than 50mm (e.g. accidental contact with the hand)
- 2** Protected against solid objects greater than 12mm (e.g. accidental contact with finger)
- 3** Protected against solid objects greater than 2.5mm (e.g. tools and wires)
- 4** Protected against solid objects greater than 1mm (e.g. fine tools and wires)
- 5** Protected against dust
- 6** Total protection from dust

#### Second Digit

##### Protection against liquids

- 0** No protection
- 1** Protection against vertical water drops (e.g. condensation)
- 2** Protection against direct sprays of water, up to 15° from vertical
- 3** Protection against direct sprays of water, up to 60° from vertical
- 4** Protection against water spray from all directions
- 5** Protection against low pressure jets of water from all directions
- 6** Protection against jets of water of similar force to heavy seas
- 7** Protection against immersion between 15–100cm
- 8** Protection against submersion



# GENERAL INFORMATION

## IK RATING

### WHAT DOES IK RATING MEAN?

















The IK rating of a fixture indicates the level of impact protection the fixture has. This is a two digit rating after the letters 'IK' that identifies the degree of protection against harsh impacts to the body of a fixture. The higher the number equates to a higher level of protection.

IK RATING	DEGREE OF PROTECTION
IK00	No protection
IK01	Protected against 0.14 joules impact. Equivalent to impact of 0.25 kg mass dropped from 57mm above impacted surface.
IK02	Protected against 0.2 joules impact. Equivalent to impact of 0.25 kg mass dropped from 80mm above impacted surface.
IK03	Protected against 0.35 joules impact. Equivalent to impact of 0.25 kg mass dropped from 140mm above impacted surface.
IK04	Protected against 0.5 joules impact. Equivalent to impact of 0.25 kg mass dropped from 205mm above impacted surface.
IK05	Protected against 0.7 joules impact. Equivalent to impact of 0.25 kg mass dropped from 285mm above impacted surface.
IK06	Protected against 1 joules impact. Equivalent to impact of 0.25 kg mass dropped from 405mm above impacted surface.
IK07	Protected against 2 joules impact. Equivalent to impact of 0.5 kg mass dropped from 400mm above impacted surface.
IK08	Protected against 5 joules impact. Equivalent to impact of 5 kg mass dropped from 100mm above impacted surface.
IK09	Protected against 10 joules impact. Equivalent to impact of 5 kg mass dropped from 200mm above impacted surface.
IK10	Protected against 20 joules impact. Equivalent to impact of 5 kg mass dropped from 405mm above impacted surface.



## GENERAL INFORMATION








### LAMP TYPES

SYMBOL	TYPE	LUMINOUS EFFICACY (lm/w)	LUMEN OUTPUT (lm)	CCT (k)	CRI	AVERAGE LIFE (Hours)	CAP TYPE
	Fluorescent U shape 2 pin	50 – 80	250 – 900	4000	56 – 90	6000	G23/-2G7
	Fluorescent Double U shape	40 – 70	600 – 1800	4000	56 – 90	8000	G24d/-q
	Fluorescent U shape 4 pin		600 – 2900	4000	56 – 90	8000	2G11
	3 U Dulux Fluorescent	40 – 76	300 – 3200	4000	65 – 90	8000	G24d/-q
	Dichroic	12 – 19	240 – 975	3000	100	3000	G5.3
	CFL	40 – 65	400 – 1500	3000	65 – 90	8000	E27/B22
	Fluorescent	65 – 71	1050 – 2700	3500	65 – 90	8000	GR10q
	Fluorescent tube	66 – 100	430 – 3150	3000	65 – 90	5000 – 1200	G5/G13
	G9 Capsule lamp	8 – 9	190 – 370	2700	100	1500	G9
	Halogen lamp	15 – 29	350 – 1450	3000	100	3000	G4/G6.35
	Halogen linear lamp	16 – 20	3520 – 9900	3000	100	2000	R7S
	AR111	10 – 12	3000	3000	100	2000	G53
	GU10 lamp	7 – 8	250 – 600	2700	100	2000	GU10
	MBF	45 – 50	2000 – 5600	2000 – 3500	40 – 49	8000	E27
	HPS	70 – 130	3500 – 130,000	2000	25	12,000	E27/E40
	Incandescent	6 – 12	150 – 3150	2700	100	1000	E27/B22



## GENERAL INFORMATION

### LAMP TYPES

SYMBOL	TYPE	LUMINOUS EFFICACY (lm/w)	LUMEN OUTPUT (lm)	CCT (k)	CRI	AVERAGE LIFE (Hours)	CAP TYPE
	<b>Reflector incandescent</b>	6 – 12	200 – 500	2700	100	1000	E27/B22
	<b>Quartz metal halide 1 end</b>	60 – 80	3400 – 1350	4200	65 – 85	6000	G12
	<b>Quartz metal halide 2 end</b>	60 – 80	5000 – 11000	4200	65 – 85	6000	R7S
	<b>Metal Halide</b>	60 – 80	3400 – 13,500	3000	65 – 85	9000	G12
	<b>CFL GX53</b>	28	260	2700 – 4000	80 – 90	10,000	GX53
	<b>CFL GU10</b>	31	350	2700 – 4000	80 – 90	10,000	GU10 CFL
	<b>LED</b>	80 – 150+	10 – 10,000	2700 – 6500	65 – 95	50,000	LED

**Luminance** = amount of light emitted from a particular area (cd/m<sup>2</sup>)

**Luminous Flux** = total energy emitted by a light source in the visible spectrum (lm)

**Luminous Efficacy** = amount of light emitted per unit of energy consumed (lm/w)

**CCT - Correlated Colour Temperature** = a measure to describe the appearance of white light (warm 3,000K, cool 4,000K etc) by comparing to a black body at a certain temperature (K)

**CRI - Colour Rendering Index** = a measure to describe the ability of a light source to reproduce colours accurately with reference to an ideal source

**Note:** LED lamp/luminaire lifetime is based on the definition from Annex II of COMMISSION REGULATION (EU) No 1194/2012



# GENERAL INFORMATION

## HOW TO USE THIS CATALOGUE

### COLOUR ABBREVIATIONS

-01	White
-02	Brass
-03	Chrome
-04	Black
-07	Blue
-09	Yellow
-10	Matte Black
-11	Matte White
-13	Brushed Chrome
-14	Antique Brass
-15	Satin Silver
-23	Aluminium
-24	Grey
-25	Dark Grey
-CW	Cool White LEDs
-WW	Warm White LEDs
CCT1 -	Single Colour White
CCT2 -	Tunable White
CCT3 -	3 Selectable Whites
CCT4 -	4 Selectable Whites
RGB -	Colour Only

### NEW SYMBOLS



#### CCT Selectable:

Also referred to as correlated colour temperature selectable. Refers to ability to choose the colour temperature (Kelvin) of the light fitting using a switch on the fitting.

- Allows end user to choose the perfect temperature to suit their space.



#### Self Test:

This feature allows emergency lighting to check itself automatically to ensure that the battery and lamp in each emergency fitting are fully operational.

- Convenience: The mandatory test can be carried out without causing disruption or preventing normal use of the building.

- Savings: Whilst self test options are typically more expensive, you will save on maintenance costs.

- Due Diligence: Allows for regular testing meaning you can meet all legal requirements hassle free.



#### Dual Wattage:

A light fitting with dual wattage provides you with the option to choose between different wattages.

- Allows end user to choose between low or higher wattage option.



# GENERAL INFORMATION

## HOW TO USE THIS CATALOGUE

### SYMBOLS GUIDE



Indicates x years warranty



Lumens per Watt



**Ingress Protection** against dust and water (see technical information)



**Fire Rated Symbol**



**Dimmable**



**LiFePO<sub>4</sub> Battery**



**Lifetime Hours**



**Impact Protection Rating**



**Colour temperature (Correlated Color Temperature)**



**Rotation Angle**



**Adjustment Angle (tilt)**



**High Frequency Electronic Control Gear included**



**Photometrics available**



**Operating Voltage – 12V AC**



**Operating Voltage – 220V / 230V - 12V**  
Step down transformer included



**Operating Voltage – 220V / 240V**



**Operating Voltage – 12V DC**



**Pull Switch**



**Integral Switch**



**Safety Class I**  
Electrically insulated and earthed. In the event of a basic insulation failure, exposed metal parts that could become live are protected by the earth



**Safety Class II**  
Live parts are equipped with additional insulation protection such as reinforced or double insulation and do not require an earth



**Safety Class III**  
Safety extra low voltage (SELV), requires no additional protection less than 24V AC or 55V DC



**Safety Isolating Transformer**



**Non-IC**  
Intended for commercial industrial use only. Not for residential use.



**Do Not Cover**  
Suitable for residential or commercial use. Cannot be covered.



**CA90**  
Cannot be covered. Insulation can be placed against the sides of the luminaire.



**IC RATED**  
Suitable for use when covered in building insulation.



**IC-4**  
Suitable for use when covered in building insulation. Typical use is passive house design where no air transfer is allowed.

### COLOUR APPEARANCE

Summer Sunlight (Northern Hemisphere)	5,500	Daylight White
	5,000	
	4,500	Cool White
	4,000	
	3,500	Neutral White
	3,000	
	2,500	Warm White
Candle	2,000	
	1,500	



# GENERAL INFORMATION

## INDICES BY PRODUCT NAME

30W DIMMABLE DRIVER	176	PROTON WALL MOUNTED MULTIDIRECTIONAL 180 PIR	172
APUS LED CCT3 SELECTABLE DOWNLIGHT	81	PULSE CONNECT	32
BARON LED CCT3 SELECTABLE BATTEN	40	RX CONNECT	28
BRAZEN LED CCT3 SELECTABLE BATTEN	41	SIXSTAR LED MINI DOWNLIGHTS	84
CASSIE LED CCT4 SELECTABLE LED DOWNLIGHT	82	SLOGAN 3 LED CCT3 SELECTABLE SLIM	80
CASSIE TILT LED CCT3 SELECTABLE LED DOWNLIGHT	83	SONICO LED MULTIBAY	66
CHASE LED SPOT WALL LIGHT	102	STUDIO LED CCT3 SELECTABLE	97
COSMIC ASYMMETRIC LED FLOOD LIGHT	64	STUDIO LED CCT3 SELECTABLE DIMMABLE	88
COSMIC LED FLOOD LIGHT	62	SULTAN LED CORROSION PROOF	52
DALI DIMMABLE DRIVER	175	SUSPENDED EXTRUSIONS	147
DALLAS LED BACKLIT PANEL	36	TAYLOR CONNECT	29
DALLAS UGR<19 PANELS	38	TAYLOR LED CCT4 SELECTABLE	78
DAYLIGHT HARVEST SENSOR	167	VEGA LED BULKHEAD	95
DRURY ADVANTAGE EMERGENCY BLADE	155	VEGAS 12V & 24V LED RGB	118
DRURY RECESSED BLADE	154	VEGAS 12V WHITE	114
DUKE2 LED CCT3 SELECTABLE MULTIWATTAGE BATTEN	42	VEGAS 24V COB FLEXI-STRIP	122
DYNAMO LED DOWNLIGHT	152	VEGAS 24V LED RGBW	120
EGRESS EXIT BOX	158	VEGAS 24V WHITE	116
EXTRUSIONS FOR LED FLEXI-STRIP	144	VEGAS AMPLIFIER RGB & RGBW	135
EXTRUSIONS FOR LED FLEXI-STRIP END CAPS AND CLIPS	146	VEGAS AMPLIFIER SINGLE COLOUR	134
FALCON LED WALL LIGHT	68	VEGAS COB ACCESSORIES	126
FINCH LED TWINSPOT	156	VEGAS COB LED FLEXI STRIP KIT	139
FRANKLIN AREA LIGHT	70	VEGAS CONNECT	30
GLEAM CCT3 SELECTABLE DIMMABLE	94	VEGAS EXPRESS PRO IP20	110
GRANADA UGR<22 CCT3 SELECTABLE	86	VEGAS EXPRESS PRO IP67	112
HARBOUR LED CORROSION PROOF	56	VEGAS LED 4 CHANNEL RECEIVER	132
HILUME LED FLOOD LIGHT	100	VEGAS LED 4 ZONES RF REMOTE	133
HORIZON LINEAR	44	VEGAS LED ACCESSORIES	136
LOADPRO 250W LED TOUCH DIMMER	174	VEGAS LED ACCESSORIES	140
LOADPRO 350W LED ROTARY DIMMER	173	VEGAS LED DIMMABLE DRIVERS IP20	129
LUSTRE LED DUAL WATTAGE CCT3 SELECTABLE	92	VEGAS LED IP20 ACCESSORIES	141
LUSTRE SLIM LED DUAL WATTAGE CCT3 SELECTABLE	93	VEGAS LED IP67 ACCESSORIES	142
MIRA DUAL WATTAGE LED CCT4 DOWNLIGHT	87	VEGAS LED NON-DIMMABLE DRIVERS IP20	128
NOVA LED HIGH BAY	50	VEGAS LED NON-DIMMABLE DRIVERS IP67	130
NOVA LED MULTIBAY	51	VITA CIRCULAR LED KIT	104
OHIO LED BULKHEAD	96	VIVA EXIT BOX MANUAL TEST	157
PRISMOID LED LINEAR HI-RACK	72	WALL MOUNTED 180 PIR	170
PROTON MICROWAVE SENSOR	168	WIFI CONTROLLER	131
PROTON RECESSED 360 PIR	162	ZUNI RECESSED 360 PIR	165
PROTON RECESSED 360 PIR	166		
PROTON SURFACE 360 PIR	164		
PROTON SURFACE MOUNT PIR	171		
PROTON UNIVERSAL 360 PIR	163		



# GENERAL INFORMATION

## INDICES BY PRODUCT CODE

HED6045/D2	175	RCS8CCT3T-04	83	RFR6040-25	71
R110PIR3WM-24	171	RCS8CCT4NZ-01	82	RFR9040-25	71
R2MCOBSIK-30	139	RCS8CCT4NZ-01	82	RGA28CCT3-01	86
R2MCOBSIK-40	139	RCS8CCT4NZ-04	82	RGA28CCT3-01	86
R360N-01	164	RCS8CCT4NZ-04	82	RGA35CCT3-01	86
R3LED10SANZ-01	104	RDKX06CCT3-01	43	RGA35CCT3-01	86
R4EMLEDMT-01	157	RDKX12CCT3-01	43	RHA1006CCT3-24	56
R5MCCT1-WIFI	32	RDKX12CCT3DP-01	43	RHA1006CCT3-24	59
R5MCOBSIK-30	139	RDKX12CCT3E-01	43	RHA2006CCT3-24	56
R5MCOBSIK-40	139	RDKX15CCT3-01	43	RHA2006CCT3-24	59
R5MRGB-WIFI	32	RDL30403012UGR-01	39	RHA2012CCT3-24	56
R8WDLCT4NZ-01	80	RDL30406060UGR-01	39	RHA2012CCT3-24	59
R8WDLCT4NZ-01	80	RDL30CCT33012F-01	37	RHA4012CCT3110-24	56
RAP8WCCT3NZ-01	81	RDL30CCT36060F-01	37	RHA4012CCT3110-24	59
RAP8WCCT3NZ-01	81	RDL50406012UGR-01	39	RHA4012CCT3-24	56
RBN2006CCT3N-01	40	RDL50CCT36012F-01	37	RHA4012CCT3-24	59
RBN4012CCT3N-01	40	RDLHRV-HMW32S	167	RHA4012CCT3E-24	56
RBN6015CCT3N-01	40	RDR4EBLST-01	154	RHA4012CCT3E-24	59
RBZ4012CCT3-01	41	RDR425EBLST-01	155	RHA5515CCT3-24	56
RBZ4012CCT3E-01	41	RDY2NMEMT-01	152	RHA5515CCT3-24	59
RC10WDLCT4NZ-01	79	REG3ST-01	158	RHL10040-04	101
RC10WDLCT4NZ-01	79	REXA172-23	144	RHL1040-04	101
RC7WDL72CCT4NZ-01	79	REXA172-EC	146	RHL2040-04	101
RC7WDL72CCT4NZ-01	79	REXA202-23	144	RHL2040P-04	101
RC9CCTWIFINZ-01	29	REXA202-EC	146	RHL3040-04	101
RC9WDLCT4NZ-01	79	REXP142-23	144	RHL3040P-04	101
RC9WDLCT4NZ-01	79	REXR092-23	144	RHL5040-04	101
RCH20CCT3-01	103	REXR122-23	144	RHR2540UGR-10	45
RCH20CCT3-04	103	REXR122-EC	146	RHR2540UGRDD-10	45
RCH20CCT3P-01	103	REXR152-23	144	RHR40CCT3-10	45
RCH20CCT3P-04	103	REXR152-EC	146	RHR40CCT3DD-10	45
RCM10040-04	63	REXR212-23	144	RLA250DTT-01	174
RCM12540AS-04	65	REXS082-23	144	RLA350DTR-01	173
RCM13040-04	63	REXS082-EC	146	RMP30-PSU	176
RCM17040-04	63	REXS092-23	144	RMR1824CCT4-01	87
RCM17040AS-04	65	REXS122-23	144	RMR1824CCT4-01	87
RCM30040-04	63	REXS122-EC	146	RMR3040CCT4-01	87
RCM30040AS-04	65	REXS212-23	144	RMR3040CCT4-01	87
RCM3040-04	63	REXSUS2-10	147	RNV1550-04	50
RCM5040-04	63	REXSUS2-11	147	RNVX50-04	51
RCM5040AS-04	65	REXSUS2-23	147	RPD15050DAA-23	72
RCM9040AS-04	65	RFA05055X-04	68	RPD20050DAA-23	72
RCRX200DS	28	RFN9I65-01	156	RPR180PIR-01	172
RCS8CCT3T-01	83	RFR12040-25	71	RPR180PIR-04	172
RCS8CCT3T-01	83	RFR3040-25	71	RPR200MW-01	168
RCS8CCT3T-04	83	RFR3040S-25	71	RPR360PIRR-01	162



# GENERAL INFORMATION

## INDICES BY PRODUCT CODE

RR360-01	166	RVA14RGB6730	119	RVA67COB-C2	126
RSD12CCT3-01	89	RVA14RGBW2010-30	121	RVA67COBRGB-C1	126
RSD12CCT3-01	89	RVA14RGBW2010-40	121	RVA67COBRGB-C2	126
RSD18CCT3-01	89	RVA15024-PSU	128	RVA67-EC	142
RSD18CCT3-01	89	RVA18012-PSU	128	RVA67-G	142
RSD24CCT3-01	89	RVA20012IP67-PSU	130	RVA67-H	142
RSD24CCT3-01	89	RVA20024IP67-PSU	130	RVA67N-C	142
RSNX50DA4-04	66	RVA25024-PSU	128	RVA67N-C1	142
RSU2406CCT3-24	52	RVA3012DU-PSU	129	RVA67N-C12	142
RSU2406CCT3-24	55	RVA3012-PSU	128	RVA67N-C2	142
RSU2406CCT3E-24	52	RVA3024DU-PSU	129	RVA67RGBN-C	142
RSU2406CCT3E-24	55	RVA3024-PSU	128	RVA67RGBN-C1	142
RSU4812CCT3-24	52	RVA32024IP67-PSU	130	RVA67RGBN-C12	142
RSU4812CCT3-24	55	RVA32024-PSU	128	RVA67RGBN-C2	142
RSU4812CCT3E-24	52	RVA3K10P	111	RVA67RGBW-EC	142
RSU4812CCT3E-24	55	RVA3K3P	111	RVA67RGBWN-C	142
RSU6015CCT3-24	52	RVA3K5P	111	RVA67RGBWN-C1	142
RSU6015CCT3-24	55	RVA3K6710P	113	RVA67RGBWN-C12	142
RSU6015CCT3E-24	52	RVA3K673P	113	RVA67RGBWN-C2	142
RSU6015CCT3E-24	55	RVA3K675P	113	RVA72RGB2050	119
RSX0330-01	85	RVA48302050	115	RVA72RGB6730	119
RSX0330-01	85	RVA48306730	115	RVA7512DU-PSU	129
RSX0330-04	85	RVA4830LC-L	136	RVA7524DU-PSU	129
RSX0330-04	85	RVA4830LC-R	136	RVA7COB20-30	123
RSX0330-13	85	RVA48402050	115	RVA7COB20-40	123
RSX0330-13	85	RVA48406730	115	RVA7COB67-30	123
RSX0340-01	85	RVA4840LC-L	136	RVA7COB67-40	123
RSX0340-01	85	RVA4840LC-R	136	RVA96302050	117
RSX0340-04	85	RVA48L-CONN	138	RVA96306730	117
RSX0340-04	85	RVA48T-CONN	136	RVA9630LC-L	136
RSX0340-13	85	RVA48X-CONN	136	RVA9630LC-R	136
RSX0340-13	85	RVA4CH-REC	132	RVA96402050	117
RU360-01	163	RVA4K10P	111	RVA96406730	117
RVA10012IP67-PSU	130	RVA4K3P	111	RVA9640LC-L	136
RVA10012-PSU	128	RVA4K5P	111	RVA9640LC-R	136
RVA10024IP67-PSU	130	RVA4K6710P	113	RVACCT1-AMP	134
RVA10024-PSU	128	RVA4K673P	113	RVACCT1-C1	141
RVA12RGBW6710-30	121	RVA4K675P	113	RVACCT1-C12	141
RVA12RGBW6710-40	121	RVA4Z-RC	133	RVACCT1-C2	141
RVA14COB20-30	123	RVA5012DU-PSU	129	RVACCT1-CX	141
RVA14COB20-40	123	RVA5024DU-PSU	129	RVACCT1W50	140
RVA14COB67-30	123	RVA6012-PSU	128	RVACCT1-WIFI	31
RVA14COB67-40	123	RVA6024IP67-PSU	130	RVACCT1-WIFI	131
RVA14COBRGB2020	123	RVA6024-PSU	128	RVACOB-C	126
RVA14COBRGB6720	123	RVA67COB-C	126	RVACOB-C1	126
RVA14RGB2050	119	RVA67COB-C1	126	RVACOB-C2	126



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RVAC0BRGB-C1	126
RVAC0BRGB-C2	126
RVARGB3K5P	111
RVARGB3K675P	113
RVARGB4K5P	111
RVARGB4K675P	113
RVARGB5P	111
RVARGB675P	113
RVARGB-AMP	135
RVARGBL-CONN	136
RVARGBN-C1	141
RVARGBN-C12	141
RVARGBN-C2	141
RVARGBT-CONN	136
RVARGBW50	140
RVARGBW-AMP	135
RVARGB-WIFI	31
RVARGB-WIFI	131
RVARGBWN-C1	141
RVARGBWN-C12	141
RVARGBWN-C2	141
RVARGBWW50	140
RVARGBW-WIFI	31
RVARGBW-WIFI	131
RVARGBX-CONN	136
RVAR-L	140
RVAR-S	140
RVAST-L	140
RVAST-S	140
RZU360RI20-01	165











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## TECHNICAL INFORMATION

#### C-Tick

All ROBUS products carry the C-Tick mark. The C-Tick mark is a certification trademark registered to AC MA in Australia under the Trade Marks Act 1995 and to RSM in New Zealand under section 47 of the NZ Trade Marks Act. The mark is only to be used in accordance with conditions laid down by ACMA and RSM.(89/336/EEC as amended 92/31/EEC).

#### INSTALLATION

All ROBUS products are supplied with installation instructions. ROBUS will not be held responsible for failure of products due to installations not in accordance with supplied installation instructions or in an unsuitable environment.

Unless stated otherwise, products contained within this catalogue are for installation in 'normal' environments. Ambient temperature, control methods and environmental conditions have an influence on the suitability of many products for installation in some areas. IP ratings of products should be considered relative to the environmental conditions in which they are to be installed – ingress protection. Life expectancy of some light sources and control gear may be reduced significantly by short time delay switching, particularly PIR and time lag switches. Time delay off should be set to 30 minutes to minimise premature failure of some fluorescent light sources. Where shorter time delay periods are required to make optimum energy savings, LED products should be considered, as although more expensive initially, they will pay back in relatively short periods of time. Please contact technical support if you are in any doubt about the suitability of products for specific operating conditions.

All performance data listed are subject to tolerances of +/- 10% unless otherwise stated.



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