



**Technical data**

	KFL 50	KFL 7 W LED
Marking to 94/9/EC (new standard – applied for)	⊕ II 2 G Ex de IIC T3 ⊕ II 2 D Ex tD A21 IP66 T140 °C	⊕ II 2 G Ex de IIC T6 ⊕ II 2 D Ex tD A21 IP66 T80 °C
EC-Type Examination Certificate	LOM 02 ATEX 2035	
IECEX Certificate of Conformity	IECEX BK1 07.0009	
Marking acc. to IECEx	Ex de IIC T3 Ex tD A21 IP67 T140 °C	
Permissible ambient temperature	-20 °C to +55 °C	-20 °C to +55 °C
Permissible ambient temperature (option)	-50 °C to +55 °C	-50 °C to +40 °C
Rated voltage	230 V, 50/60 Hz	230 - 240 V, 50/60 Hz
Rated current	0.25 A	0.065 A
Power consumption	50 VA	10 VA
Connecting terminals	2 x 2.5 mm <sup>2</sup> ; PE internal and external 6 mm <sup>2</sup>	
Insulation class	I	
Lamp/Illuminant	50 W high voltage (halogen lamp type Sylvania included, others on request)	7 W PHILIPS MASTER LED
Lamp cap	GZ 10	
Degree of protection accd. EN 60529	IP66	
Cable glands/Gland plates/Enclosure drilling	2 x M25 x 1.5, one plugged	
Weight	3 kg	
Enclosure material	light alloy with powder coating	
Enclosure colour	grey	
Protective cover/protective bowl	borosilicate glass	
Options	20 W lamp (T4 / T120 °C)	

**Ordering details**

Type	Entry thread	Cable entry Exe for cable Ø	Blanking plug	Order No.
<b>(T<sub>ambient</sub> -20 °C to +55 °C)</b>				
KFL 50 W	M25	9 - 14 mm Ex-e	1 x M25	<b>NOR 000 005 140 015</b>
KFL 50 W	M25	–	1 x M25	<b>NOR 000 005 140 010</b>
KFL 50 W TIM 230 V - 12 V	M25	9 - 14 mm Ex-e	1 x M25	<b>NOR 000 005 140 701</b>
KFL 50 W TIM 230 V - 12 V	M25	–	1 x M25	<b>NOR 000 005 140 897</b>
KFL 7 LED	M25	–	1 x M25	<b>NOR 000 005 140 011</b>
<b>(T<sub>ambient</sub> -50 °C to +55 °C)</b>				
KFL 50 W	M25	–	1 x M25	<b>NOR 000 005 140 900</b>
KFL 50 W TIM 230 V - 12 V	M25	–	1 x M25	<b>NOR 000 005 140 919</b>
<b>(T<sub>ambient</sub> -50 °C to +40 °C)</b>				
KFL 7 LED	M25	–	1 x M25	<b>NOR 000 005 140 906</b>

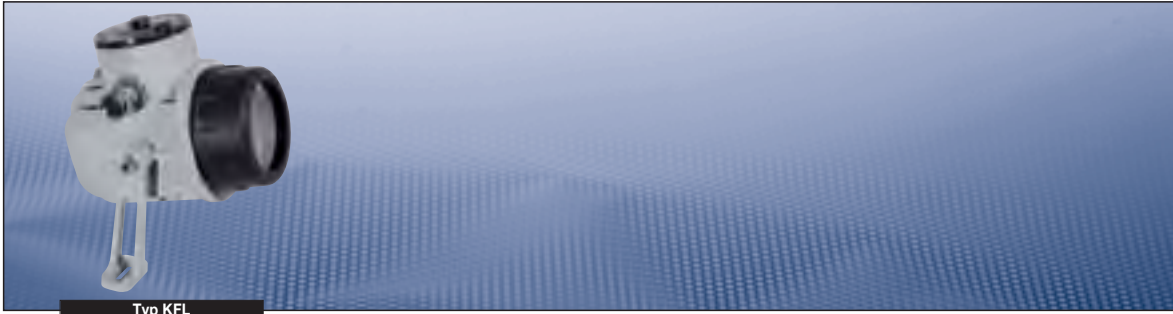
Supply with support device as standard (lamp holder PR).

Metal cable glands see page 8.10...

**Accessories**

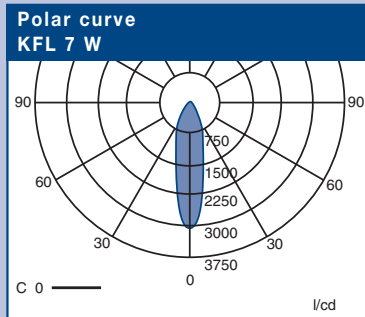
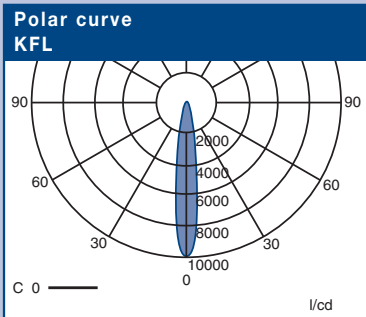
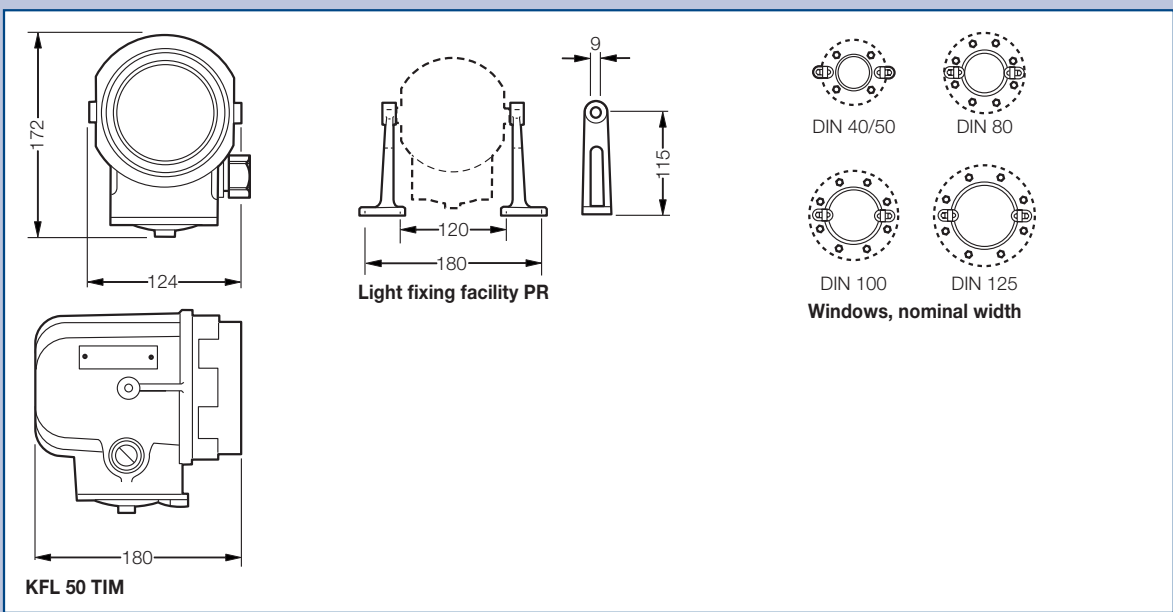
<b>KFL 50</b>			
Type	Content	Application	Order No.
Lamp	Halogene reflector lamp 230 V/50 W	KFL 50	<b>NOR 000 000 514 529</b>
Lamp	Halogene reflector lamp 12 V/50 W	KFL 50 TIM	<b>NOR 000 000 514 687</b>
AT	transport grip	KFL..	<b>NOR 000 005 140 809</b>
PAD	antiglare shield	KFL..	<b>NOR 000 005 140 700</b>
PI	mounting legs out of center	KFL..	<b>NOR 000 005 140 776</b>
PI	mounting legs bended	KFL..	<b>NOR 000 005 140 776</b>
LED-lamp	Philips Master LED 7 W	KFL 7 W LED	<b>NOR 000 000 514 530</b>

**Ex-Tank inspection luminaires KFL 50**



Typ KFL

**Dimensions drawing**



Dimensions in mm