KFL 7 LED
Ex-Tank Light Fitting with LED-Lamp
This explosion-protected tank light fitting KFL 7 LED is in accordance to the ATEX-Directive 94/9/EG.

It has been certified for use in the Zones 1, 21 and 22 areas. This powerful tank light fitting is equipped with a high output LED lamp 230 - 240 V/7 W and is especially for use as an inspection lighting at inspection windows of mixers from size DN40 up to DN200.

The housing is made of a copper-free aluminium. The aluminium collar has a PTFE (Teflon) coating, additionally it has a viton sealant.

Equipped with a special transporting handle the KFL 7 LED can also be used as a maintenance light fixture.

With the light fitting holder PR it can be mounted on inspection windows according to DIN 28120.
Technical Data

Marking to 94/9/EC
II 2 G Ex de IIC T6; II 2 D Ex tD A21 IP66 T80 °C

EC-Type Examination Certificate
LOM 02 ATEX 2035

Permissible ambient temperature
-20 °C to +55 °C

Permissible ambient temperature (option)
-50 °C to +40 °C

Rated voltage
230 - 240V, 50/60 Hz

Rated current
0.065 A

Power consumption
10 VA

Connecting terminals
2 x 2.5 mm²; PE internal and external 6 mm²

Insulation class
I

Lamp/Illuminant
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

Ordering details

<table>
<thead>
<tr>
<th>Type</th>
<th>Entry thread</th>
<th>Cable entry Ex-e for cable Ø</th>
<th>Blanking plug</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>(T ambient -20 °C to +55 °C)</td>
<td>M25</td>
<td>–</td>
<td>1 x M25</td>
<td>NOR 000 005 140 011</td>
</tr>
<tr>
<td>KFL 7 LED</td>
<td>M25</td>
<td>–</td>
<td>1 x M25</td>
<td>NOR 000 005 140 906</td>
</tr>
</tbody>
</table>

Supply with support device as standard (lamp holder PR) and 7 W LED lamp

Accessories

<table>
<thead>
<tr>
<th>Content</th>
<th>Type</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Antiglare shield</td>
<td>PAD</td>
<td>NOR 000 005 140 700</td>
</tr>
<tr>
<td>Transport handle</td>
<td>AT</td>
<td>NOR 000 005 140 809</td>
</tr>
<tr>
<td>2 x Mounting curve legs</td>
<td>Pi</td>
<td>NOR 000 005 140 776</td>
</tr>
<tr>
<td>LED-Lamp</td>
<td>Philips Master LED 7 W</td>
<td>NOR 000 000 514 530</td>
</tr>
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</table>

Dimensions drawing
The information provided serves only as a product description and is not to be regarded as confirmation of product characteristics or as a guarantee in the legal sense. We reserve the right to make changes to the design in the interest of technological development.

Photo on cover: Bayer AG, Germany

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