

SAVER ELEGANT S EXPROOF




II 3G Ex nA IIC T4 Gc (T4: 135°C)
II 3D Ex tc IIIC (T 120°C) Dc

EFFICIENCY
 up to
173+ Im/W

OPERATING TEMPERATURE
+55°C
-40°C

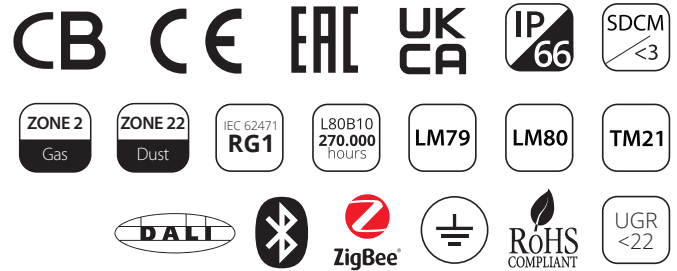
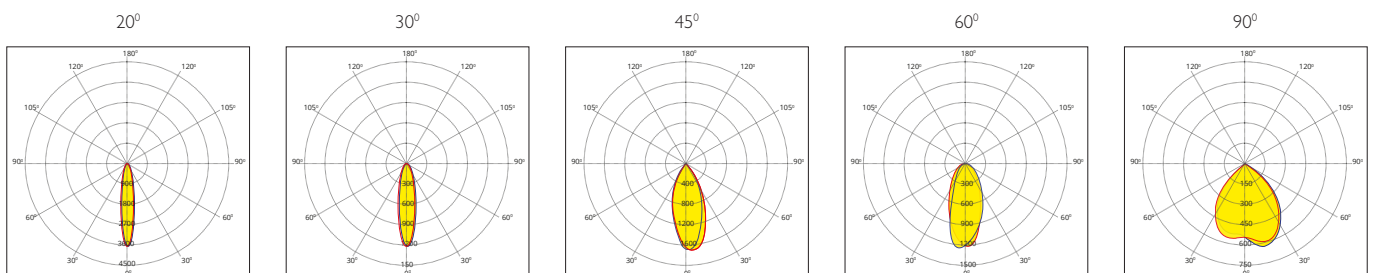
INPUT VOLTAGE
108-305 VAC

SURGE PROTECTION
 max.
10kV

Application Areas

- Oil Refineries • Chemical and Petrochemical Facilities
- Offshore Facilities
- Industrial Facility Environmental Zones

Beam Angles



Specifications

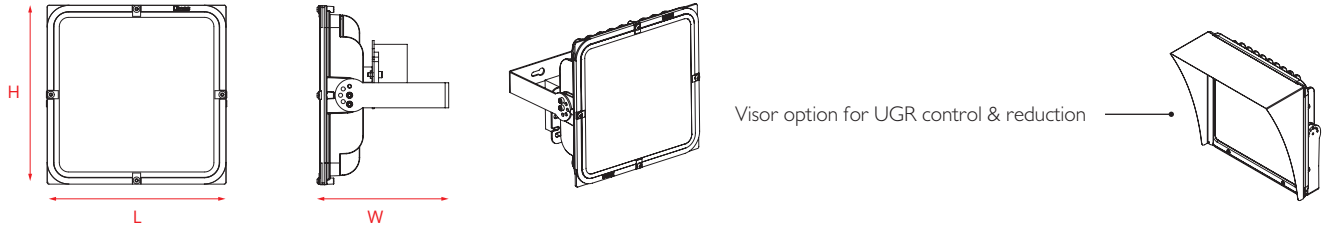
- IP66 class
- Engineered to operate in harsh and hot conditions
- Over **60.000 hours** life according to LM80 and TM21 standard
- Up to **173+ lm/W** efficiency
- **108-305VAC** input voltage range against voltage fluctuation
- **10kV** surge protection
- Etial 150 aluminium injection monoblock body
- **-40°C / +55°C** operating temperature
- Aluminum PCB (2,0 W/mK)
- SMD PCB connector
- Special silicone gasket
- Brass cable gland and brass ventilation valve
- Category: **Grup II / Category 3GD**
- Setup: **Zone 2(Gas) / Zone 22(Dust)**
- Standard: EN 60079-0:2013, EN 60079-15:2010, EN 60079-31:2014
- Measurements according to EN 60598-1 standards
- Photometric measurements according to IESNA-LM-79-08

Optional

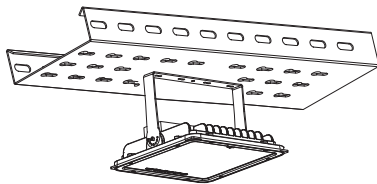
- Sensor, dimming, wireless connection features
- I-10V, DALI automation integration



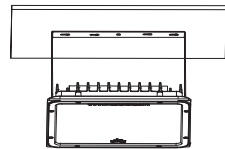
Dimensions



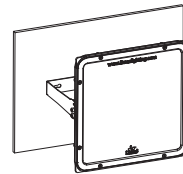
Mounting Options



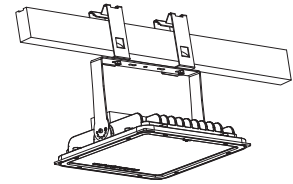
Cable Tray Mounted



Ceiling Mounted

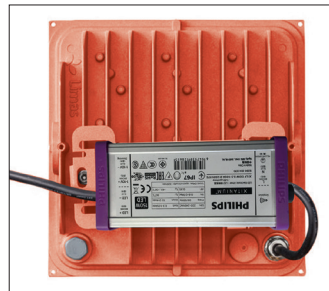
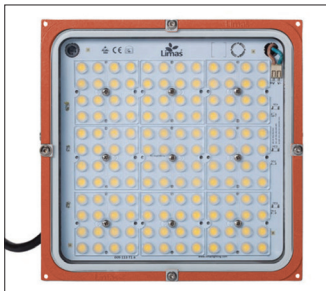


Wall Mounted



Busbar Mounted

Product Photos



Saver Elegant S Exproof

| | | | | | | | | | | | | | |
|---|----|------|----|------|-----|---|----|-----|----|--------|--------|--------|------|
| W | lm | lm/W | lm | lm/W | LED | K | AC | CRI | IP | L (mm) | W (mm) | H (mm) | lgr. |
|---|----|------|----|------|-----|---|----|-----|----|--------|--------|--------|------|

▲ 20°/30° ▲ 45°/60°/90°

| | W | lm | lm/W | lm | lm/W | LED | K | AC | CRI | IP | L (mm) | W (mm) | H (mm) | lgr. | |
|----------|----------------|----|-------|-----|-------|-----|-------------------------|------|------------|-----|--------|--------|--------|------|------|
| L SERIES | AL-HBM PRO L39 | 39 | 6328 | 162 | 6760 | 173 | NICHIA / LUMILEDS SEOUL | 4000 | 108-305VAC | >70 | IP66 | 200 | 146 | 200 | 2300 |
| | AL-HBM PRO L65 | 65 | 10080 | 155 | 10730 | 165 | NICHIA / LUMILEDS SEOUL | 4000 | 108-305VAC | >70 | IP66 | 200 | 146 | 200 | 2300 |
| | AL-HBM PRO L75 | 75 | 11364 | 152 | 11981 | 160 | NICHIA / LUMILEDS SEOUL | 4000 | 108-305VAC | >70 | IP66 | 200 | 146 | 200 | 2300 |
| H | AL-HBM PRO H51 | 51 | 8123 | 159 | 8679 | 170 | NICHIA / LUMILEDS SEOUL | 4000 | 108-305VAC | >70 | IP66 | 200 | 146 | 200 | 2300 |

Lumen Multiplier Table

| CRI | 3000K | 4000K | 5000K | 6500K |
|-----|-------|-------|-------|-------|
| 70 | 0,95 | 1,00 | 1,00 | 0,97 |
| 80 | 0,88 | 0,95 | 0,95 | 0,93 |
| 90 | 0,75 | 0,80 | 0,80 | 0,80 |

Power and lumen values are within ± 5% tolerance.