

SAVER ELEGANT L EXPROOF



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

EFFICIENCY
up to
**177+
lm/W**

OPERATING TEMPERATURE
**+55°C
-40°C**

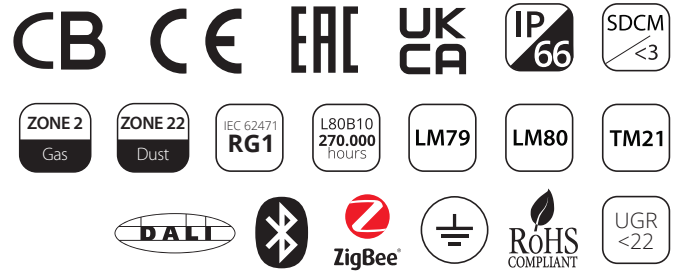
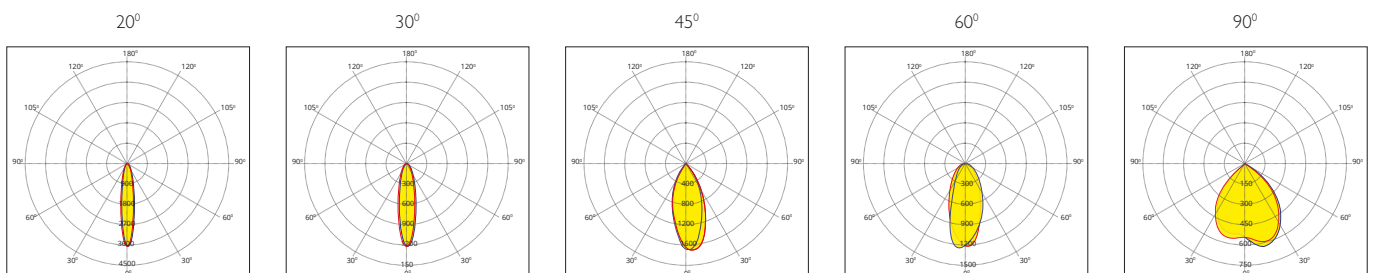
INPUT VOLTAGE
**108-305
VAC**

SURGE PROTECTION
max.
10kV

Application Areas

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

Beam Angles



Specifications

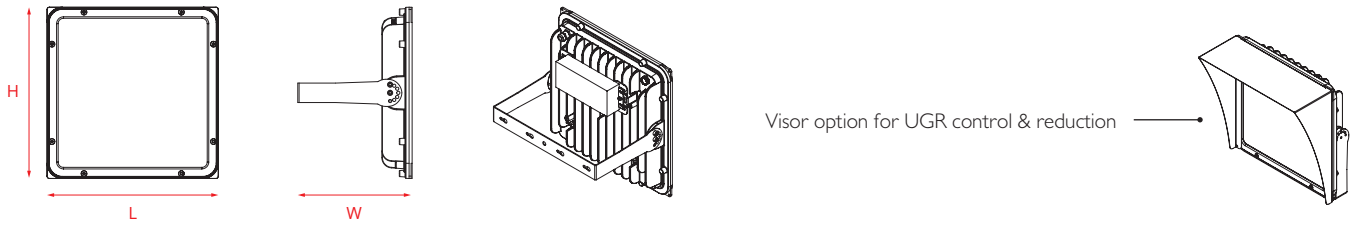
- IP66 class
- Engineered to operate in harsh and hot conditions
- Over **60.000 hours** life according to LM80 and TM21 standard
- Up to **177+ lm/W** efficiency
- **108-305VAC** input voltage range against voltage fluctuation
- **10kV** surge protection
- Etial 150 aluminium injection monoblock body
- **-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

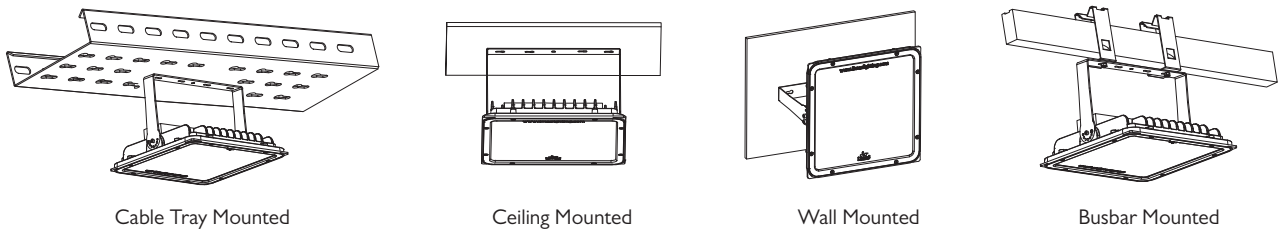
- Sensor, dimming, wireless connection features
- I-10V, DALI automation integration



Dimensions



Mounting Options



Product Photos



Saver Elegant L Exproof

	W	lm	lm/W	lm	lm/W	LED	K	AC	CRI	IP	L (mm)	W (mm)	H (mm)	Wt (gr)	
		▲ 20°/30°		▲ 45°/60°/90°											
L	AL-HBM PRO L108	108	17910	166	19135	177	NICHIA / LUMILEDS SEOUL	4000	108-305VAC	>70	IP66	334	220	334	6990
M SERIES	AL-HBM PRO M125	125	20242	162	21626	173	NICHIA / LUMILEDS SEOUL	4000	108-305VAC	>70	IP66	334	220	334	6990
	AL-HBM PRO M145	145	23075	159	24652	170	NICHIA / LUMILEDS SEOUL	4000	108-305VAC	>70	IP66	334	220	334	6990

Power and lumen values are within ± 5% tolerance.

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