

Serie 48 Xtrem

Industrial floodlight for lighting indoor and outdoor infrastructures in extreme environments

SILL



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Lighting fitted in large open industrial areas must be precise, long-lasting and reliable. SILL48 Xtrem floodlights are designed for the toughest environments, with their corrosion-proof IP65 one-piece design and ultra-sturdy electronics. These luminaires are guaranteed for intensive use at high temperatures of up to 50°C. The precision beams ensure uniform lighting even from the highest masts. Improve your lighting to ensure extra safety in all your industrial applications, whether indoors or outdoors.

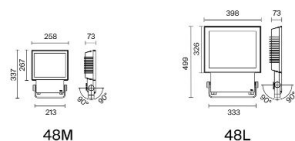




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48M

48L

Black version with tempered glass

CRI70, 4000K, anti-corrosion treatment. Up to 100 000 h L90B10 @Tmax.



White version with polycarbonate glass

CRI80, 5700K, anti-corrosion treatment, ideal for food-grade use. Up to 100 000 h L90B10 @Tmax.



Size	Watt	Beam angle	Flux (lm)**	T max	Designation	Code
S48M	60	Asymmetric deep - lmax 67°	5940	50°C	48M 4-7k 740 D AS125-67 BK-C	S48M0165
		Asymmetric batwing - lmax 23°	7370		48M 4-7k 740 D AS120-23 BK-C	S48M0255
		Wide Beam 65°	6800		48M 4-7k 740 D WB65 BK-C	S48M0015
	80	Asymmetric deep - lmax 67°	7360	45°C	48M 6-9k 740 D AS125-67 BK-C	S48M0077
		Asymmetric batwing - lmax 23°	9130		48M 6-9k 740 D AS120-23 BK-C	S48M0019
		Wide Beam 65°	8430		48M 6-9k 740 D WB65 BK-C	S48M0020
S48L	120	Asymmetric deep - lmax 67°	14780	50°C	48L 8-16k 740 D AS125-67 BK-C	S48L0203
		Asymmetric batwing - lmax 23°	14970		48L 8-16k 740 D AS120-23 BK-C	S48L0025
		Wide Beam 65°	16670		48L 8-16k 740 D WB65 BK-C	S48L0026
	140	Asymmetric deep - lmax 67°	16390	45°C	48L 10-19k 740 D AS125-67 BK-C	S48L0288
		Asymmetric batwing - lmax 23°	16600		48L 10-19k 740 D AS120-23 BK-C	S48L0289
		Wide Beam 65°	18490		48L 10-19k 740 D WB65 BK-C	S48L0219

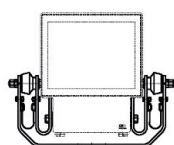
** Light output. These products are ideal when converting conventional 70W, 150W and 250W sodium or metal halide floodlights on a 1 for 1 basis.

Size	Watt	Beam angle	Flux (lm)**	T max	Designation	Code
S48M	60	Asymmetric deep - lmax 67°	5420	50°C	48M 4-7k 857 D AS125-67 WH-C PC	S48M0257
		Asymmetric batwing - lmax 23°	6730		48M 4-7k 857 D AS120-23 WH-C PC	S48M0258
		Wide Beam 65°	6210		48M 4-7k 857 D WB65 WH-C PC	S48M0259
	80	Asymmetric deep - lmax 67°	6710	45°C	48M 6-9k 857 D AS125-67 WH-C PC	S48M0124
		Asymmetric batwing - lmax 23°	8320		48M 6-9k 857 D AS120-23 WH-C PC	S48M0025
		Wide Beam 65°	7680		48M 6-9k 857 D WB65 WH-C PC	S48M0026
S48L	120	Asymmetric deep - lmax 67°	13620	50°C	48L 8-16k 857 D AS125-67 WH-C PC	S48L0141
		Asymmetric batwing - lmax 23°	13800		48L 8-16k 857 D AS120-23 WH-C PC	S48L0031
		Wide Beam 65°	15370		48L 8-16k 857 D WB65 WH-C PC	S48L0032
	140	Asymmetric deep - lmax 67°	15060	45°C	48L 10-19k 857 D AS125-67 WH-C PC	S48L0290
		Asymmetric batwing - lmax 23°	15250		48L 10-19k 857 D AS120-23 WH-C PC	S48L0291
		Wide Beam 65°	16990		48L 10-19k 857 D WB65 WH-C PC	S48L0292

** Light output. These products are ideal for spaces requiring very high quality lighting (inspection, painting or food processing areas).

Accessories

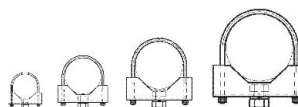
To be ordered separately



Anti-vibration mount

For 48M model
For 48L model
Supplied with safety chain

849M01000
849L01000



Mast clamp

For mast ø55-60mm
For mast ø60-89mm
For mast ø115-120mm
For mast ø150-170mm

855500200-60
855500200-89
855500200-120
855500200-170



Adjustable slats

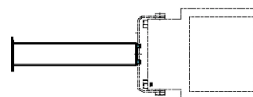
Vertical blades, for 48M model
Vertical blades, for 48L model
Horizontal blades, for 48M model
Horizontal blades, for 48L model

849M00400

849L00400

849M00300

849L00300



Remote wall-mounted support, 500 mm

For 48M model
For 48L model

849000500
849400500



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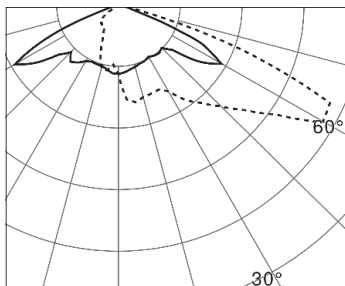
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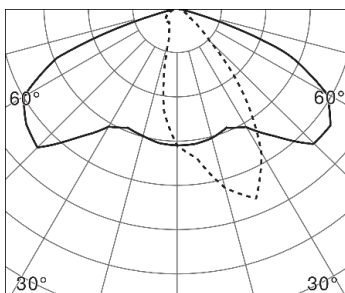
Specification



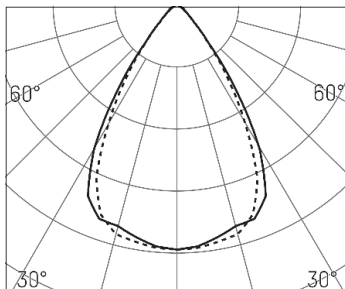
Photometry



Deep asymmetric light distribution (AS125-67)



Batwing asymmetric light distribution (AS120-23)



Wide flood 65° (WB65)

For other beams requests, please contact us

Technical characteristics

Light source	High-efficiency LED module 4000K and 5700K (also available in 2700K, 3000K, amber) CRI > 70 and CRI > 80 SDCM < 3 100 000 h L90/B10 at max. operating temperature. (except 80W version : 70 000 h)
Optics	High-performance lenses for ultra-uniform lighting ULR : 0 %
Lighting comfort	UGR ≤ 22 (WB65 version) Various optical accessories are available on request (louvres, honeycomb grid, etc.).
Heat management	Automatic light regulation in case of overheating
Control gear	1 integrated special industry electronic driver, DALI-addressable, flicker free High reliability constant current output driver, mechanically and thermally reinforced. Resistance to overload: 320 V AC, 48 h Compatible with neutral TN, TT and IT arrangements with no limitations Electronic compatible with central source Supports voltage spikes < 6kV
Supply voltage	198-264V 0/50/60Hz
Electrical class	Class I
Operating temperature	-40°C to +50°C (except 80W and 140W : -40°C à +45°C)

Easy intallation and maintenance

Connection	2 cable glands M20 (capacity: Ø 8 to 12 mm) To a 2 x 5 x 2,5 mm ² fixed double deck terminal block
Mounting	Wall and ceiling holder (accessories for securing the luminaires to a bracket or mast) Swivel range ± 90°
Maintenance	Easily removable LED modules and driver
Weight	48M : 5,2kg / 48L : 14,4kg
Wind-attack-area	48M : 0,076 m ² / 48L : 0,17 m ²

Materials

Protective cover	Tempered safety glass or translucent pc-cover, thickness 4mm, UV coated
Body	Very high mechanical, chemical and corrosion resistances High pressure die cast aluminium one piece housing (AlSi12, with low copper rate) Special pretreatment for increased and long-lasting corrosion protection in chlorinated and saline environments Different paintwork for each version : black RAL 9005 or white RAL 9010

Standards

Compliance	Manufactured according to DIN VDE 0711 / EN 60598, CE
Waterproofness	IP65
Resistance to IK shocks	48M : IK08 48L : IK09