

SILL 48 Xtrem

Industrial floodlight for lighting indoor and outdoor infrastructures in extreme environments



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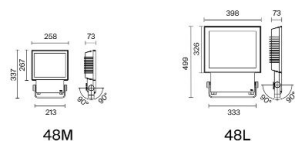
Lighting fitted in large open industrial areas must be precise, long-lasting and reliable. SILL48 Xtrem floodlights are designed for the toughest environments, with their corrosion-proof IP65 one-piece design and ultra-sturdy electronics. These luminaires are guaranteed for intensive use at high temperatures 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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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	Price (€)*
S48M	60	Asymmetric deep - lmax 67°	5940	50°C	48M 4-7k 740 D AS125-67 BK-C	S48M0165	1032
		Asymmetric batwing - lmax 23°	7370		48M 4-7k 740 D AS120-23 BK-C	S48M0255	1032
		Wide Beam 65°	6800		48M 4-7k 740 D WB65 BK-C	S48M0015	1032
	80	Asymmetric deep - lmax 67°	7360	45°C	48M 6-9k 740 D AS125-67 BK-C	S48M0077	1032
		Asymmetric batwing - lmax 23°	9130		48M 6-9k 740 D AS120-23 BK-C	S48M0019	1032
		Wide Beam 65°	8430		48M 6-9k 740 D WB65 BK-C	S48M0020	1032
S48L	120	Asymmetric deep - lmax 67°	14780	50°C	48L 8-16k 740 D AS125-67 BK-C	S48L0203	1984
		Asymmetric batwing - lmax 23°	14970		48L 8-16k 740 D AS120-23 BK-C	S48L0025	1984
		Wide Beam 65°	16670		48L 8-16k 740 D WB65 BK-C	S48L0026	1984
	140	Asymmetric deep - lmax 67°	16390	45°C	48L 10-19k 740 D AS125-67 BK-C	S48L0288	1984
		Asymmetric batwing - lmax 23°	16600		48L 10-19k 740 D AS120-23 BK-C	S48L0289	1984
		Wide Beam 65°	18490		48L 10-19k 740 D WB65 BK-C	S48L0219	1984

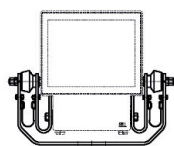
** Light output. These products are ideal when converting conventional 70W, 150W and 250W sodium or metal halide floodlights on a 1 for 1 basis.

Size	Watt	Beam angle	Flux (lm)**	T max	Designation	Code	Price (€)*
S48M	60	Asymmetric deep - lmax 67°	5420	50°C	48M 4-7k 857 D AS125-67 WH-C PC	S48M0257	1065
		Asymmetric batwing - lmax 23°	6730		48M 4-7k 857 D AS120-23 WH-C PC	S48M0258	1065
		Wide Beam 65°	6210		48M 4-7k 857 D WB65 WH-C PC	S48M0259	1065
	80	Asymmetric deep - lmax 67°	6710	45°C	48M 6-9k 857 D AS125-67 WH-C PC	S48M0124	1065
		Asymmetric batwing - lmax 23°	8320		48M 6-9k 857 D AS120-23 WH-C PC	S48M0025	1065
		Wide Beam 65°	7680		48M 6-9k 857 D WB65 WH-C PC	S48M0026	1065
S48L	120	Asymmetric deep - lmax 67°	13620	50°C	48L 8-16k 857 D AS125-67 WH-C PC	S48L0141	2060
		Asymmetric batwing - lmax 23°	13800		48L 8-16k 857 D AS120-23 WH-C PC	S48L0031	2060
		Wide Beam 65°	15370		48L 8-16k 857 D WB65 WH-C PC	S48L0032	2060
	140	Asymmetric deep - lmax 67°	15060	45°C	48L 10-19k 857 D AS125-67 WH-C PC	S48L0290	2060
		Asymmetric batwing - lmax 23°	15250		48L 10-19k 857 D AS120-23 WH-C PC	S48L0291	2060
		Wide Beam 65°	16990		48L 10-19k 857 D WB65 WH-C PC	S48L0292	2060

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

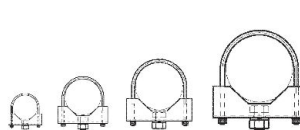
Accessories

To be ordered separately



Anti-vibration mount

For 48M model 849M01000
For 48L model 849L01000
Supplied with safety chain



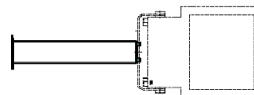
Mast clamp

For mast ø55-60mm 855500200-60
For mast ø60-89mm 855500200-89
For mast ø115-120mm 855500200-120
For mast ø150-170mm 855500200-170



Adjustable slats

Vertical blades, for 48M model 849M00400
Vertical blades, for 48L model 849L00400
Horizontal blades, for 48M model 849M00300
Horizontal blades, for 48L model 849L00300



Remote wall-mounted support, 500 mm

For 48M model 849000500
For 48L model 849400500



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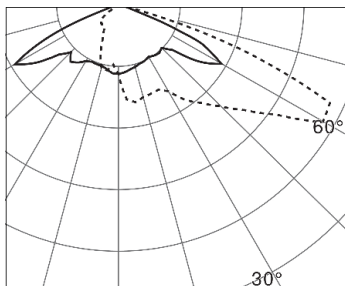
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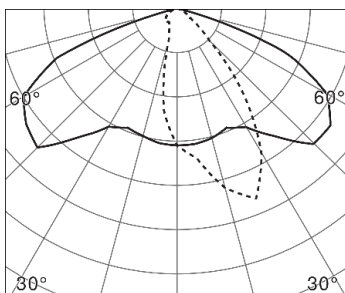
Specification



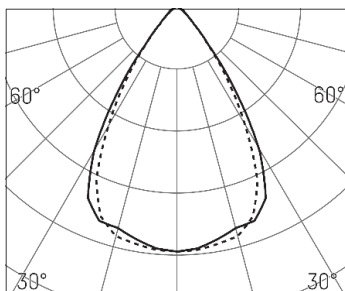
Photometry



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