

METOLIGHT® LED-Flood lights Type FLS-AX

The newly developed LED floodlights of the FLS-AX series are characterized by a particularly flat, modular design and extremely high efficiency. The FLS-AX series is available in wattages 240/360/480/720 and 960 watts at 130 lm / W and CRI Ra > 80. Each module has an output of 120 watts. They are used to illuminate sports facilities, large parking lots and the like. designed. It is mounted using the stable, angle-adjustable retaining brackets.

Available light angles are 60 x 120 ° (standard), as well as optionally 30 x 120 ° and 120 x 120 °

The LED chips type Philips 3030 have an efficiency of 140 lm / W but are powered by Meanwell constant current power supply units attached to the rear with a operated with a lower forward current. This ensures a lower temperature and a longer shelf life.

All LED floodlights of the FLS-AX series correspond to insulation class I, splash-proof according to IP65 and impact-resistant according to IK10.

As standard, we deliver these LED floodlights in light color cold white 6000K (CW). The light colors warm white (3000K, WW) and neutral white (4000K, NW) can also be supplied on request. The electrical connection is made via a 3-core lead

This floodlight can be attached to the wall, ceiling or floor using a stable, adjustable bracket.

Areas of application:

These LED floodlights are ideal for lighting sports fields, arenas, parking areas, company premises and much more.

Light colours: 3000K, 4000K, 6000K (Standard)



METOLIGHT®
LED-FLS-AX-Serie



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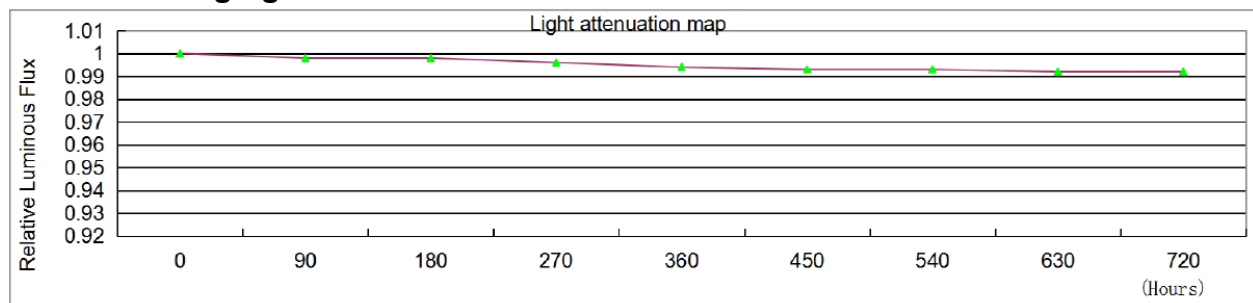
Common technical data

Voltage	100 – 255 V AC – 50/60 Hz	Standards	CE, RoHS,
Power factor	> 0.95	Iso-Class	I,
LED-Chip	Philips 3030 / 130 lm/W	IP-Class	IP65
Driver	Meanwell, Konstantstrom	IK-Class	IK10
Storage	-40°C – 65°C – 5-95% rH	Environment	-20°C - + 40°C – 5-95% rH
Light loss	< 1% / 1000 h	Ø Lifetime	40.000 h
CRI	Ra > 80	Beam angle	60 x120° / 30 x 120° / 120°

Specific technical data

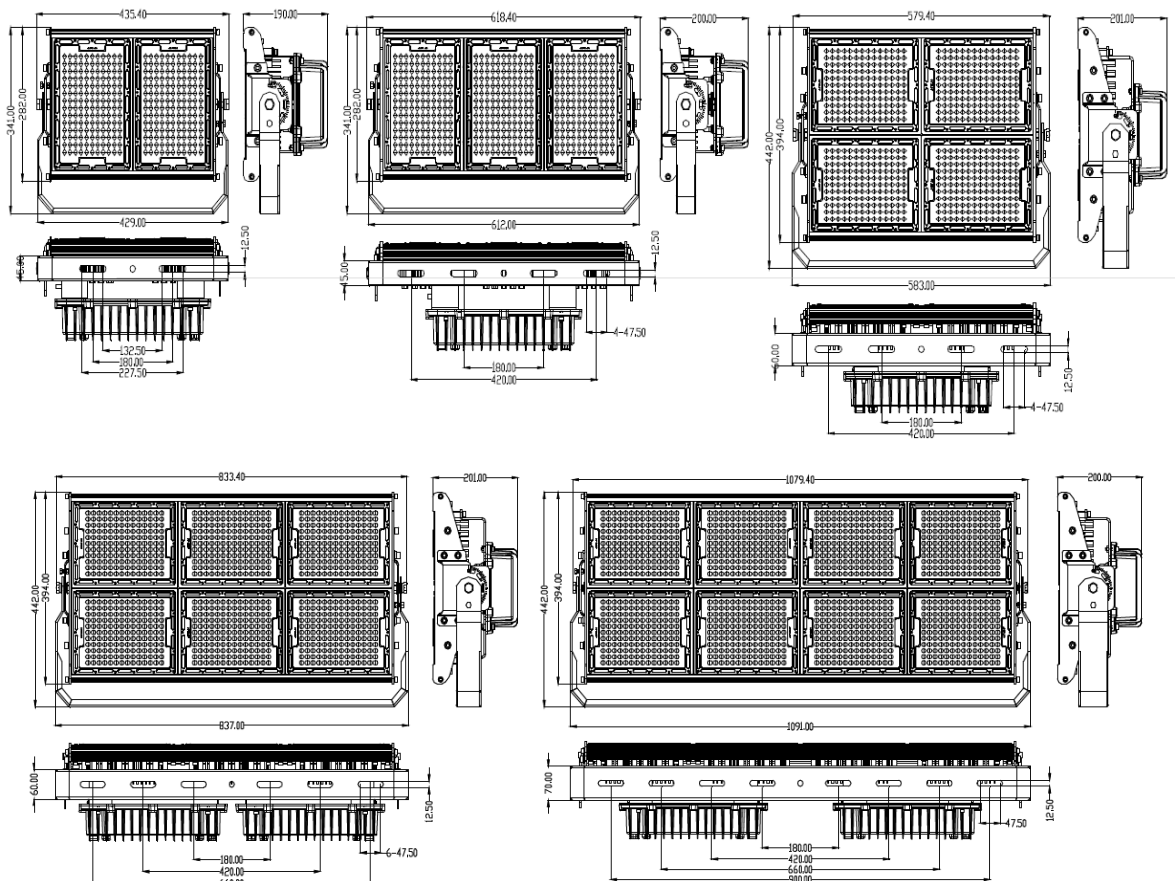
	FLS-AX2	FLS-AX3	FLS-AX4	FLS-AX6	FLS-AX8
Power	240 W	360 W	480 W	720 W	960 W
Lumen (CW)	28800	43200	57600	86400	115200
Qty LED	252	378	504	756	1008
LED-Voltage	40-48 VDC	40-48 VDC	40-48 VDC	40-48 VDC	40-48 VDC
Height	341 mm	341 mm	442 mm	442 mm	442 mm
Width	429 mm	612 mm	583 mm	833 mm	1090 mm
Depth	190 mm	200 mm	200 mm	200 mm	200 mm
Weight	11,3 kg	15 kg	19,2 kg	30 kg	36 kg

Accelerated aging test:



Based on the data obtained from an accelerated aging test over 720 hours with extreme temperature fluctuations, an average operating time of approx. 40,000 hours can be expected. The loss of light is less than 1% per 1000 hours











Sizes



Garantie:

Asmetec offers a 3-year guarantee if these LED floodlights are properly installed and used. The guarantee expires in the event of unauthorized opening of the canopy, removal of labels and seals, mechanical damage, over / under voltage damage, use under impermissible operating conditions.

Product images:

<p>METOLIGHT[®] LED-FLS-AX2 240 Watt - IP65 28800 lm - 60x100° CRI Ra >80</p> <p>optional: 30 x 100°/120 x 120° 3000K / 4000K</p>  <p>130 lm/W</p> 	<p>METOLIGHT[®] LED-FLS-AX3 360 Watt - IP65 43000 lm - 60x100° CRI Ra >80</p> <p>optional: 30 x 100°/120 x 120° 3000K / 4000K</p>  <p>130 lm/W</p> 
<p>METOLIGHT[®] LED-FLS-AX4 480 Watt - IP65 57500 lm - 60x100° CRI Ra >80</p> <p>optional: 30 x 100°/120 x 120° 3000K / 4000K</p>  <p>130 lm/W</p> 	<p>METOLIGHT[®] LED-FLS-AX6 720 Watt - IP65 86400 lm - 60x100° CRI Ra >80</p> <p>optional: 30 x 100°/120 x 120° 3000K / 4000K</p>  <p>130 lm/W</p> 
<p>METOLIGHT[®] LED-FLS-AX8 960 Watt - IP65 115000 lm - 60x100° CRI Ra >80</p> <p>optional: 30 x 100°/120 x 120° 3000K / 4000K</p>  <p>130 lm/W</p> 	

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LED-FLS-AX-DB-E.DOCX, VERSION SEP-21