

# PRODUCT DATASHEET

## AREASTER FL LAL150MW 150/100/75W 5000K

AREASTER AREA LIGHT | Floodlight with very wide beam, asymmetric light distribution for area lighting



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### Areas of application

- Industrial lighting (e.g. manufacturing plants, logistic centers, warehouses)
- Streets, residential areas, pedestrian zones, parks
- Parking lots, city squares, parks
- Driveways

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### Product benefits

- Bright, robust and durable
- Highly versatile due to selectable power steps (Multi Lumen) on the housing
- Flexible mounting options
- 5 years guarantee

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### Product features

- Multi Power and Multi lumen, power selectable
- Luminous efficacy: up to 150 lm/W
- Type III Asymmetric light distribution for area lighting
- Mounting accessories must be ordered separately: Slip Fitter, U-Bracket
- Robust die-cast aluminum housing
- Flicker free
- Photocell detector available for daylight detection

TECHNICAL DATA

Electrical data

Nominal wattage	150 W / 100 W / 75 W
Nominal voltage	100...277 V
Mains frequency	50...60 Hz
Nominal current	1260.000 mA
Inrush current time T <sub>h50</sub>	250 µs
Max. number of luminaires per miniature circuit breaker C16	19
Power factor λ	> 0.90
Total harmonic distortion	< 15 %
Protection class	I
Surge capability (L-N)	> 6 kV
Operating mode	Integrated LED driver

Photometrical data

Luminous flux	22500 lm / 15000 lm / 11250 lm
Luminous efficacy	150 lm/W
Color temperature	5000 K
Light color (designation)	Cool White
Color rendering index Ra	70
Standard deviation of color matching	< 4 sdcm
Photobiological safety group acc. to EN62778	RG1

Dimensions & Weight

Length	430.00 mm
Width	267.00 mm
Height	55.00 mm
Product weight	3450.00 g
Cable length	1000 mm

AREASTER AREA LIGHT  
LAL150MW 150/100/75W 5000K

Materials & Colors

Product color	Black
Housing color	Black

Body material	Aluminum
Cover material	Polycarbonate (PC)
Light emitting surface material	Polycarbonate (PC)
Glow Wire Test according to IEC 60695-2-12	650 °C

### Application & Mounting

Temperature range at storage	-30...+80 °C
Type of connection	Cable, 3-pole
Type of protection	IP66
Protection class IK (shock resistance)	IK08
Dimmable	No
Mounting type	Surface
Mounting location	All surfaces
Replaceable light source	No

### Lifespan

Lifespan L70/B50 at 25 °C	> 100000 h <sup>1)</sup>
Lifespan L80/B10 at 25 °C	100000 h <sup>1)</sup>
Lifespan L80/B50 at 25 °C	100000 h
Lifespan L90/B10 at 25 °C	50000 h
Number of switching cycles	100000

<sup>1)</sup> t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

### Control gear

Output current	690 mA
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### Certificates & Standards

Standards	CB / RCM / TM21 / LM79 / ISTMT
Replaceable light source (EPREL)	Not replaceable

### Additional product data

Added function	MULTI SELECT
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### Accessories Optional

Product image	Product name	EAN
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AREASTER ACCESSORIES LALDS PHOTOCCELL DAYLIGHT SENSOR

4099854581540

Product image	Product name	EAN
	AREASTER ACCESSORIES LALSF SLIP FITTER	4099854581502
	AREASTER ACCESSORIES LAL150UB U BRACKET KITS	4099854581519

## DOWNLOAD DATA

Documents and certificates		Document name
	User instruction / safety instructions	AREASTER AREA LIGHT
Photometric and lighting design files		Document name
	IES file (IES)	AREASTER AREA LIGHT LAL150MW 150/100/75W 5000K

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854523892	Shipping box 1	335 mm x 215 mm x 490 mm	3960.00 g	35.29 dm <sup>3</sup>

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

## DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.