ine server returned a soo internal server Error.

Something is broken. Please let us know what you were doing when this error occurred. We will fix it as soon as possible. Sorry for any inconvenience caused.

# PRODUCT DATASHEET FL FLEX P 130W ML 840 A45X140 WAL

FLOODLIGHT FLEX ASYMMETRIC 45 X 140 | Floodlight with very wide beam, asymmetric light distribution for area lighting



#### Areas of application

- Coastal areas, like ports
- General outdoor area lighting
- Parking
- Suitable for indoor and outdoor sports facilities
- Architectural lighting
- Industry
- Direct replacement for luminaires using HID lamps

#### Product benefits

- Corrosion resistance C5: tested in environments with high salinity
- Serviceable luminaire: LED driver can be replaced
- Flexible application due to a range of different lumen packages and beam angles
- 3 cable entries for flexible use and easy connection between luminaires
- Integrated breather for preventing condensation inside the luminaire
- $-\,$  Energy savings of up to 91 % compared to halogen lamp floodlights
- $-\,$  Energy savings of up to 51 % compared to luminaires that use conventional discharge lamps
- No upper light output ratio (ULOR 0%) when mounted at 0° tilt
- Intelligent design of the water drain to prevent standing water
- Simple angle adjustment by locking every  $2.5^{\circ}$
- Clear angular degree indication
- Key hole to ensure ease of installation

#### **Product features**

# **Oops! An Error Occurred**

The server returned a "500 Internal Server Error".

The Server returned a 300 internal Server Error .

Something is broken. Please let us know what you were doing when this error occurred. We will fix it as soon as possible. Sorry for any inconvenience caused.

- Corrosion resistance C5 based on 1,500 hours salt mist spray test
- High luminous efficacy: up to 161 lm/W
- Multi Lumen function: 4 power steps selectable
- Daisy chaining possible
- High surge protection: up to 10 kV (L/N-PE), 6 kV (L-N)
- High lifetime (L70/B50): up to 120,000 h (at 25 °C)
- Lumen packages up to 70000 lm
- Additional 2200 K color temperature version available

# **Oops! An Error Occurred**

The server returned a "500 Internal Server Error".

The Server returned a 300 internal Server Error .

Something is broken. Please let us know what you were doing when this error occurred. We will fix it as soon as possible. Sorry for any inconvenience caused.

#### **TECHNICAL DATA**

#### Electrical data

Nominal wattage	130 W / 110.5 W / 91.0 W / 71.5 W
Nominal voltage	220240 V
Mains frequency	5060 Hz
Nominal current	574.000 mA
Inrush current	65.6 A
Inrush current time T <sub>h50</sub>	190 μs
Max. number of luminaires per miniature circuit breaker B16	10
Max. number of luminaires per miniature circuit breaker C10	10
Max. number of luminaires per miniature circuit breaker C16	17
Power factor $\lambda$	> 0.90
Total harmonic distortion	< 20 %
Protection class	I
Surge capability (L-N)	6 kV
Surge capability (L/N-Ground)	10 kV
Operating mode	Integrated LED driver

#### Photometrical data

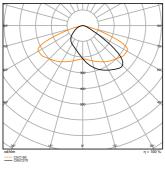
Luminous flux	19800 lm / 16800 lm / 14100 lm / 11300 lm
Luminous efficacy	152 lm/W / 155 lm/W / 158 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	> 80
Standard deviation of color matching	5 sdcm
Low flicker	Yes
Flickering metric (Pst LM)	<1
Stroboscope effect metric (SVM)	<0.4
Photobiological safety group acc. to EN62778	RG1
Beam angle	45 ° x 140 °

# **Oops! An Error Occurred**

The server returned a "500 Internal Server Error".

The Server returned a 300 internal Server Error .

Something is broken. Please let us know what you were doing when this error occurred. We will fix it as soon as possible. Sorry for any inconvenience caused.



FL FLEX P 130W ML 840 A45X140 WAL LEDV

## Dimensions & Weight

Length	492.00 mm
Width	361.00 mm
Height	68.00 mm
Product weight	5900.00 g



FL FLEX P WAL

#### Materials & Colors

Product color	White aluminum
Housing color	White aluminum
RAL Color (most similar)	RAL 9006
Body material	Aluminum
Cover material	Glass
Light emitting surface material	Glass

# **Oops! An Error Occurred**

## The server returned a "500 Internal Server Error".

The server returned a 300 internal berver Error.

Something is broken. Please let us know what you were doing when this error occurred. We will fix it as soon as possible. Sorry for any inconvenience caused.

Glow Wire Test according to IEC 60695-2-12	850 °C
Mercury content	0.0 mg

## **Application & Mounting**

Ambient temperature range	-30+50 °C
Temperature range at storage	-30+80 °C
Type of connection	Screwless terminal
Type of protection	IP66
Protection class IK (shock resistance)	IK08
Corrosion resistance class acc. to EN 12944	C5
Dimmable	No
Mounting type	Surface
Mounting location	Wall / Pole / Floor / Ceiling
Application environment	Outdoor
Adjustable	Yes
With light source	Yes
Replaceable light source	No

#### Lifespan

Lifespan L70/B50 at 25 °C	120000 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	3750 mA
ECG - Output ripple current	< 10 %

#### Certificates & Standards

Standar	rds	CE / CB / ENEC / UKCA / EPD
Lumina	ire with limited surface temperature, "D sign"	Yes
EPD		LEDV-00046-V01.01-EN

## Additional product data

Added function	MULTI SELECT

# **Oops! An Error Occurred**

## The server returned a "500 Internal Server Error".

The Server returned a 300 internal Gerver Liftor.

Something is broken. Please let us know what you were doing when this error occurred. We will fix it as soon as possible. Sorry for any inconvenience caused.

#### **Accessories Optional**

Product image	Product name	EAN
	FL TRAVERSE 1/2 42/60/76MM	4099854680038
	FL FLEX ADAPTER SOCKET ZHAGA	4099854680076
	FL FLEX ADAPTER SOCKET NEMA	4099854680113

#### **EQUIPMENT / ACCESSORIES**

- Delivery without cables
- Second cable gland included
- 2 rubber inserts for 6,5 7,5 mm cables included

#### **DOWNLOAD DATA**

	Documents and certificates	Document name
PDF	User instruction / safety instructions	FL FLEX P ON-OFF
PDF	Legal information	Informationstext 18 Abs 4 ElektroG
PDF	Legal information	Safety Insert G11205497
PDF	Legal information	LSI FL FLEX
PDF	Legal information	Legal insert G11231557
PDF	Declarations of conformity	CE FL FLEX P
PDF	Declarations of conformity UKCA	UKCA FL FLEX P
PDF	Certificates	ENEC FL FLEX P

# **Oops! An Error Occurred**

The server returned a "500 Internal Server Error".

The Server returned a 300 internal berver Error .

Something is broken. Please let us know what you were doing when this error occurred. We will fix it as soon as possible. Sorry for any inconvenience caused.

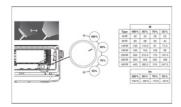
Photometric and lighting design files		Document name	
IES file (IES)		FL FLEX P 130W ML 840 A45X140 WAL LEDV	
LDT file (Eulumdat)		FL FLEX P 130W ML 840 A45X140 WAL LEDV	
ULD file (DIALux)		FL FLEX P 130W ML 840 A45X140 WAL	
ROLF file (RELUX)		FL FLEX P 130W ML 840 A45X140 WAL	
Light distribution curve type polar		FL FLEX P 130W ML 840 A45X140 WAL LEDV	
CAD/BIM files		Document name	
BIM Revit 3D		Floodlight Flex	
CAD STEP 3D		FL FLEX 130W	
Tender texts	Document name		
Tender documents	FLOODLIGHT FLEX ASY	MMETRIC 45 X 140 130W ML 840 A45X140 WAL-en	

#### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854373398	Shipping box 1	572 mm x 402 mm x 119 mm	7203.00 g	27.36 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.

## ADDITIONAL CATALOG INFORMATION



## References / Links

- For Guarantee see www.ledvance.com/guarantee

# **Oops! An Error Occurred**

The server returned a "500 Internal Server Error".

The Server returned a 300 internal Gerver Error .

Something is broken. Please let us know what you were doing when this error occurred. We will fix it as soon as possible. Sorry for any inconvenience caused.

#### **DISCLAIMER**

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

# **Oops! An Error Occurred**

The server returned a "500 Internal Server Error".