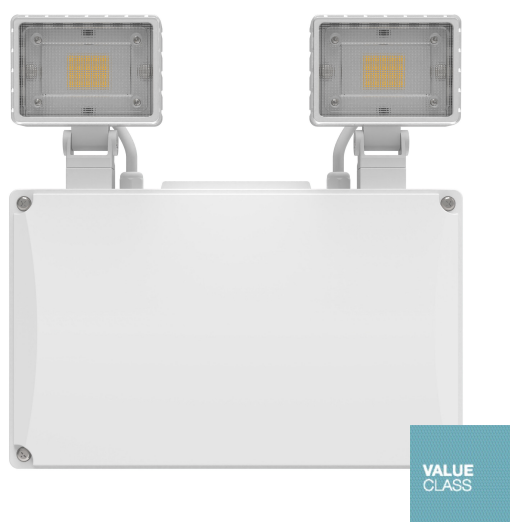


# PRODUCT DATASHEET

## EM TWIN SPOT V 3W 3H AT IP65 WT

EMERGENCY TWIN SPOT | Emergency luminaire with two spot lights and IP65 protection



### Areas of application

- Antipanic lighting
- Car parks and industrial sites
- Offices, education, public buildings

### Product benefits

- Operation of integrated emergency lighting function with long life LiFePO4 battery with 3h battery discharge time
- Emergency lighting according to IEC 60598-2-22 with emergency lighting driver and battery
- Fully adjustable twin spot lights ensure optimal illumination

### Product features

- Type of protection: IP65
- Battery discharge time: 3 h
- Battery technology: LiFePO4
- Function test of emergency lighting: automatic (AT)
- With integrated test switch for manual testing
- Operation mode: non-maintained (NM)



## TECHNICAL DATA

### Electrical data

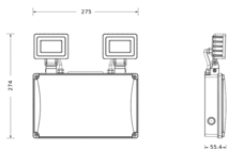
Nominal wattage	3.00 W
Nominal voltage	220...240 V
Mains frequency	50/60 Hz
Nominal current	45 mA
Inrush current	6.8 A
Inrush current time $T_{h50}$	48 $\mu$ s
Max. number of luminaires per miniature circuit breaker B16	110
Max. number of luminaires per miniature circuit breaker C10	90
Max. number of luminaires per miniature circuit breaker C16	150
Power factor $\lambda$	0.3
Protection class	II
Surge capability (L-N)	1 kV
Operating mode	Integrated LED driver

### Photometrical data

Luminous flux	450 lm
Luminous efficacy	150 lm/W
Color temperature	6500 K
Light color (designation)	Cool Daylight
Color rendering index Ra	> 80
Standard deviation of color matching	< 6 sdc <sub>cm</sub>
Luminous intensity	no relevant
Low flicker	Yes
Flickering metric (Pst LM)	$\leq 1$
Stroboscope effect metric (SVM)	$\leq 0,4$
Beam angle	100 °

### Dimensions & Weight

Length	275.00 mm
Width	55.00 mm
Height	274.00 mm
Product weight	1015.00 g



EM TWIN SPOT E 3W 3H AT IP65  
W

Materials & Colors

Product color	White
Housing color	White
Body material	Polycarbonate (PC)
Cover material	Polycarbonate (PC)
Glow Wire Test according to IEC 60695-2-12	650 °C
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	0...+45 °C
Temperature range at storage	0...+45 °C
Type of connection	Terminal
Type of protection	IP65
Protection class IK (shock resistance)	IK03
Dimmable	No
Mounting type	Recessed
Mounting location	Wall
Application environment	Indoor
Mounting depth	55.5 mm
Adjustable	No
With light source	Yes
Replaceable light source	No

Lifespan

Lifespan L70/B50 at 25 °C	80000 h <sup>1)</sup>
Lifespan L80/B10 at 25 °C	80000 h <sup>1)</sup>
Lifespan L80/B50 at 25 °C	80000 h

Number of switching cycles	50000
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1) 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	247...331 mA
ECG - Output ripple current	8 %

### BATTERY

Type of Battery	LiFePO4
Battery size [GMS]	Others
Nominal voltage of battery	9.6 V
Nominal capacity of battery	1500 mAh
Battery charging time	24 h

### Emergency lighting

Area of emergency application	Anti-panic lighting
Type of emergency light operation	Non-maintained
Type of emergency operation test	Automatic
Wattage in emergency operation mode	3 W
Luminous flux in emergency operation mode	450 lm
Battery life in emergency operation mode	3 h
Integrated test switch	Yes

### Certificates & Standards

Standards	CE / CB / EAC / UKCA
Luminaire with limited surface temperature, "D sign"	No
Ball shot safe	No
Replaceable light source (EPREL)	Not replaceable

### Additional product data

Product remark	Available from December 2025
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### EQUIPMENT / ACCESSORIES

– Mounting screws and dowels included

### Safety advice

- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.

## DOWNLOAD DATA

Documents and certificates		Document name
	User instruction / safety instructions	EM TWIN SPOT V 3W 3H AT IP65 W
	Legal information	Informationstext 18 Abs 4 ElektroG
	Legal information	Safety Insert G11218810
	Legal information	Legal Insert G11231524
	Declarations of conformity	EM TWIN SPOT LUM
	Declarations of conformity UKCA	EM TWIN SPOT LUM
Photometric and lighting design files		Document name
	IES file (IES)	EM TWIN SPOT V 3W 3H AT IP65 WT
	LDT file (Eulumdat)	EM TWIN SPOT V 3W 3H AT IP65 WT
CAD/BIM files		Document name
	CAD STEP 3D	TWIN SPOT

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854668203	Folding box 1	290 mm x 66 mm x 295 mm	1162.00 g	5.65 dm <sup>3</sup>
4099854668210	Shipping box 10	597 mm x 317 mm x 358 mm	12170.00 g	67.75 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.

## References / Links

– For Guarantee see [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)

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