



– Inrush current limiter circuit

## TECHNICAL DATA

### Electrical data

Nominal wattage	210.00 W
Nominal output power	210 W <sup>1)</sup>
Nominal voltage	230...240 V
Nominal output voltage	24.7 V <sup>2)</sup>
Input voltage AC	198...264 V
Input voltage DC	176...276 V <sup>3)</sup>
U-OUT (working voltage)	24.7 V
Inrush current	3.7 A
Mains frequency	50/60 Hz
Total harmonic distortion	< 5 %
Power factor $\lambda$	> 0.95
ECG efficiency	93 %
Device power loss	18.4 W
Max. ECG no. on circuit breaker 10 A (B)	7
Max. ECG no. on circuit breaker 16 A (B)	11
Max. ECG no. on circuit breaker 25 A (B)	17
Surge capability (L/N-Ground)	8 kV
Surge capability (L-N)	6 kV
Galvanic isolation	SELV
Power loss in stand-by mode	< 0.5 W

1) Lamp failure detection: minimum load per channel that doesn't trigger open circuit detection is 30 W

2) DC voltage

3) with external fuse

### Dimensions & Weight

Length	330.00 mm
Mounting hole spacing, length	320,0 mm
Width	69.00 mm
Height	37.00 mm
Cable cross-section, input side	1 mm <sup>2</sup>
Cable cross-section, output side	1.5 mm <sup>2</sup>
Wire preparation length, input side	90 mm
Wire preparation length, output side	90 mm
Product weight	1415.00 g

### Colors & materials

Casing material	Aluminium
Body material	Aluminium

### Temperatures & operating conditions

Ambient temperature range	-20...+60 °C
Maximum temperature at tc test point	85 °C
Max.housing temperature in case of fault	110 °C
Permitted rel. humidity during operation	5...85 % <sup>1)</sup>

<sup>1)</sup> Maximum 56 days/year at 85 %

### Lifespan

ECG lifetime	50000 h
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### Capabilities

Dimmable	Yes
Dimming interface	DALI-2
Dimming range	0...100 %
Overheating protection	Automatic reversible
Overload protection	Automatic reversible
No-load proof	Yes
Short-circuit protection	Automatic reversible
Suitable for fixtures with prot. class	I
Type of connection, output side	Wires

### Certificates & Standards

Approval marks – approval	BIS / CCC / CE / EAC / ENEC 10 / RCM / VDE / VDE-EMC
Standards	Acc. to EN 61347-2-13 / Acc. to EN 61547 / Acc. to EN 55015 / Acc. to EN 61000-3-2 / Acc. to EN 61000-3-3 / Acc. to EN 61347-1 / Acc. to EN 62493
Protection class	I
Type of protection	IP66/IP67








### LOGISTICAL DATA

Temperature range at storage	-40...+85 °C
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### Energy labelling regulation data acc EU 2019/2015

Networked standby power for CLS	< 0.50 W
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### DOWNLOAD DATA

Documents and certificates		Document name
	User instruction / safety instructions	OPTOTRONIC LED Power Supply
	Declarations of conformity	EU Declaration of Conformity 2019 9C1 3772470 EN 00
	Certificates	VDE ENEC Certificate 40043863
	Certificates	CB TEST CERTIFICATE DE1-62077
	Certificates	OTi DALI 210 CB DE1 63487 280420
	Certificates	OT outdoor ENEC 40050684 100220
	Certificates	VDE EMC Certificate 40038482

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4062172032087	Folding box 1	361 mm x 81 mm x 84 mm	1415.00 g	2.46 dm <sup>3</sup>
4062172032094	Shipping box 6	380 mm x 262 mm x 201 mm	9213.00 g	20.01 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

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