OSRAM

LED POWERSUPPLY

OPS-15024(220-240V)-67

Benefits

Small housing design for mounting in coves or linear luminaires.
Versatile scope of application thanks to an output power range of up to 150 W.
Robust and durable design for outdoor applications.

Applications

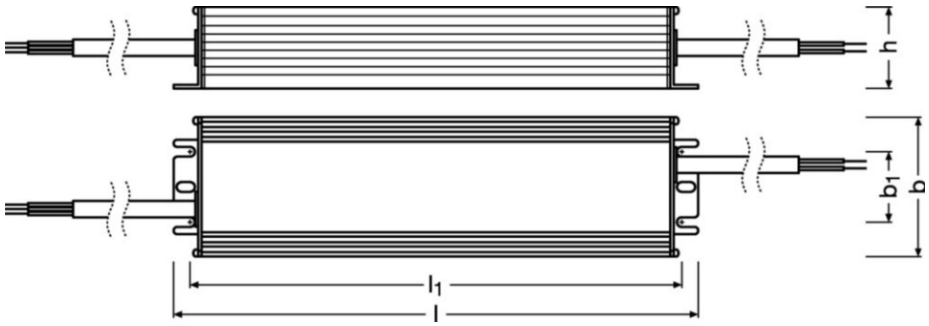
For example luminous signage in areas such as hotels.
Public squares and architecture lighting.
Suitable for indoor and outdoor SELV installations.

Electrical Specification

Mains frequency	50…60 Hz
Input voltage AC	198…264 V
Input voltage DC	not relevant
Total harmonic distortion	< 5 % [1)]
Power factor λ	0.95
Efficiency in full-load	92 % [2)]
Device power loss	13 W
Inrush current	55 A [3)]
Max. ECG no. on circuit breaker 10 A (B)	6
Max. ECG no. on circuit breaker 16 A (B)	10
Surge capability (L/N-Ground)	6 kV
Surge capability (L-N)	4 kV
Nominal output voltage	24 V
U-OUT (working voltage)	< 25.5 V
Nominal output power	150 W
Maximum output power	150 W [4)]
Galvanic isolation	SELV

1) At full load, 220…240 V, 50 Hz
2) at 230 V, 50 Hz
3) At Full Load, 240VAC, Cold Start
Duration=500uS 50%Ipk—50%Ipk
4) at steady state

Dimensions & weight



Length	240.0 mm
Width	53.0 mm
Height	31.5 mm
Mounting hole spacing, length	188.0 mm
Mounting hole spacing, width	27.0 mm
Cable cross-section, input side	1.0 mm²
Cable cross-section, output side	1.0 mm²
Wire preparation length, input side	60 mm
Wire preparation length, output side	60 mm
Product weight	610.00 g

Colors & materials

Casing material	Aluminium

Temperatures & operating conditions

Ambient temperature range	-40…+50 °C
Maximum temperature at tc test point	90 °C
Max.housing temperature in case of fault	90 °C
Temperature range at storage	-40…+85 °C
Permitted rel. humidity during operation	5…85 % 1)

1) Non-condensing

Lifespan

ECG lifetime	50000 h 1)

1) At T_c = 80°C / 0.2% / 1,000 h failure rate

Capabilities

Dimmable	No
Max. cable length to lamp/LED module	3.0 m 1)
Suitable for fixtures with prot. class	I
Type of connection, input side	Cables
Type of connection, output side	Cables
Number of channels	1
Overheating protection	Yes
Overload protection	Yes
Short-circuit protection	Yes
Intended for no-load operation	No
No-load proof	Yes

1) Output wires must be routed as close as possible to each other

Certificates & standards

Approval marks – approval	CE / CCC / TISI / RCM
Standards	IEC 61347-1 / IEC 61347-2-13 / EN 55015 / EN 61547 / EN 61000-2-2 / EN 61000-3-2 / EN 60598-1 / EN 62384
Type of protection	IP66/IP67

Ecodesign regulation information:

Intended for use with LED modules.
The forward voltage of the LED light source shall be within the defined operating window of the control gear in all operating conditions including dimming if applicable.

Separate control gear and light sources must be disposed of at certified disposal companies in accordance with Directive 2012/19/EU (WEEE) in the EU and with Waste Electrical and Electronic Equipment (WEEE) Regulations 2013 in the UK. For this purpose, collection points for recycling centres and take-back systems (CRSO) are available from retailers or private disposal companies, which accept separate control gear and light sources free of charge. In this way, raw materials are conserved and materials are recycled.