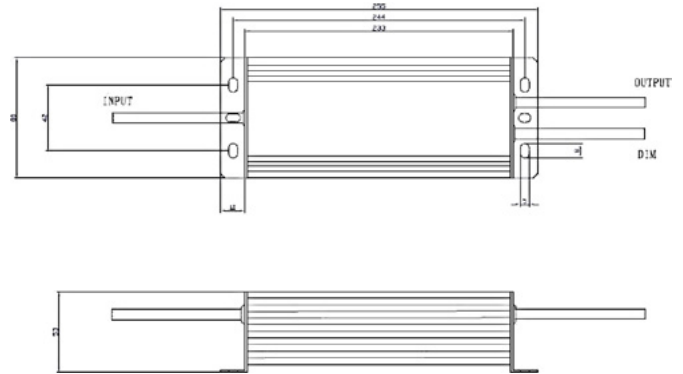


DARKLIGHT DESIGN

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ELED 200W 24V CONSTANT VOLTAGE

DALI DIMMABLE IP66 DRIVER



PRODUCT OVERVIEW

- Dali dimmable
- Constant voltage design
- Universal AC input/ Full range
- IP66 design for indoor or outdoor installations
- Protections: Short circuit/ Overload/ Over voltage/ Over temperature
- Built-in PFC function (PFC>0.98)
- Cooling by free air convection
- Over 85% efficiency

All the information in this document is provided in good faith. Darklight Design will not be held responsible for any losses due to inaccuracies within this document.

OUTPUT SPECIFICATIONS

DC Voltage	24V
Voltage Tolerance	$\pm 0.5V$
Rated Current	8.33A
Rated Power	200W

INPUT SPECIFICATIONS

Voltage Range	100 – 265 VAC
Frequency Range	47 – 63HZ
Power Factor (Typical)	PF $\geq 0.98/220V$
Full Load Efficiency (Typical)	89%
AC Current (Typical)	1.042A/220VAC
Leakage Current	$< 0.7mA/220VAC$

PROTECTION SPECIFICATIONS

Short Circuit	Hiccup mode, recovers automatically after fault condition is removed
Over Voltage	$\leq 280VAC$
Over Temperature	100°C \pm 10°C shut down o/p voltage, re-power on to recover

OTHER INFORMATION

Dimensions	L. 255mm x W. 80mm x H. 53mm
Weight	1.8kg

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ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	-40 - +60°C
Operating Humidity	20 – 95% RH, non-condensing
Storage Temperature., Humidity	-40 - +80°C, 10 – 95%RH
Temperature Coefficient	±0.03%/°C (0-50°C)
Vibration	10-500Hz 5G 12min./ 1 cycle, period for 72min. each along X, Y, Z axes

CONFORMITY & STANDARDS

Safety Standards	EN61347-2-13.IP66
Withstand Voltage	I/P-O/P:3.75KVAC I/P-FG:1.88KVAC O/P-FG:0.5KVAC
Isolation Resistance	I/P-O/P I/P-FG O/P-FG:100MΩ/500VDC/25°C/70%RH
EMC Emission	Compliance to EN55015, EN61000-3-2 (≥50%load)
EMC Immunity	Compliance to EN61000-4-2,3,4,5,6,8, 11, EN61547, A light industry level

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