Xitanium LED Driver Outdoor Dimmable (US)

XITANIUM 48W 2.0A 24V 0-10V INTELLIVOLT

Xitanium Outdoor LED Drivers are available in wattages from 40W to 150W for hard–wire integration into outdoor luminaires for the most rugged applications. These drivers operate to specification under wide temperature and electrical ranges to ensure reliability. 1–10V dimming enables luminaires to be easily connected to a wide variety of sensors and control systems to facilitate dimming, thus maximizing energy savings.

Product data

Operating and Electrical

Input Frequency	50 to 60 Hz
Total Harmonic Distortion IEC (Max)	20 %
Output Current Ripple (Max)	1 %
Maximum Efficiency	85 %
Power Factor 100% Load (Min)	0.9
Output Current (Nom)	340–2000 mA
Output Current Tolerance (Max)	5 %
Output Current Tolerance (Min)	–5 %
Input Voltage (AC)	120–277 V
Input Current (Max)	480 mA
Input Power (Nom)	57 W
Output Power (Nom)	48 W
Output Voltage	24 V

Wiring

Control Wire Length	228.6 mm
Output Wire Length	228.6 mm
Primary Fusing	Fused
Secondary Fusing	None Required
Input Wire Gauge	18
Control Wire Gauge	18
Output Wire Gauge	18

Temperature

T–Ambient (Max)	55 °C
T–Ambient (Min)	–40 °C
T–Case Maximum (Max)	85 °C

Controls and Dimming

Control Interface	0–10V

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Dimming Range	100-17 %

Approval and Application

Short Circuit Protection	Self-limited
Over Power Protection	Protected
Open Circuit Protection	Protected
EMI Standard	FCC 47 Subpart 15; Class A
Safety Standard	EN61558-1,EN61558-2- [EN 61558-1, EN 61558-2-17, EN 60065]
Environmental Standard	UL Damp & Dry
Approval Marks	ENEC certificate CE marking RoHS compliance UL certificate CSA certificate
Output Insulation	Yes

Product Data

Full product code	871016319614500
Order product name	XITANIUM 48W 2.0A 24V 0-10V INTELLIVOLT
EAN/UPC – Product	781087086698
Order code	913701215902
Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	10
Material Nr. (12NC)	913701215902
Net Weight (Piece)	1.257 kg

Dimensional drawing
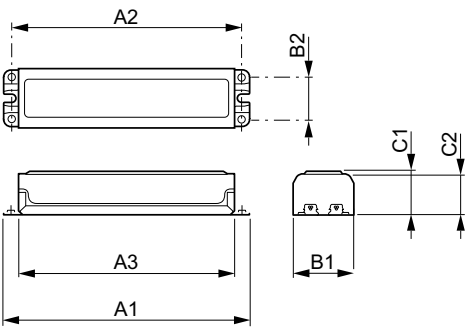
48W 2A 24V 0-10V INTELLIVOLT

Product	B2	C1	C2	A1	A2	A3	B1
XITANIUM 48W 2.0A 24V 0-10V INTELLIVOLT	42.9 mm	0.1 mm	37.7 mm	240.5 mm	226.3 mm	211.1 mm	59.2 mm

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2019, January 2 – data subject to change