Xitanium LED drivers – programmable

Xitanium 40W 0.70A Prog+ GL-J sXt

Our Xitanium programmable Xtreme LED drivers with global input voltage (UL, ENEC) are designed to deliver high performance, protection and configurability. The Xtreme technology ensures maximum robustness and protection with a very long lifetime. Configuration of programmable drivers can be done via DALI and the MultiOne software.

Product data

General Information

Nominal lifetime	100,000 hour(s)
Lighting Technology	LED

Operating and Electrical

Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Total Harmonic Distortion IEC (Max)	20 %
Power Consumption	48 W
Output Current Ripple (Max)	4 %
Maximum Efficiency at Full Load	88 %
Output Current (Max)	700 mA
Output Current (Nom)	100–700 mA
Output Current Tolerance (Max)	5 %
Output Current Tolerance (Min)	–5 %
Power Factor 50% Load (Min)	0.93
Earth Leakage Current (Max)	350 mA
Open Circuit Voltage (DC) (Max)	0 V
Input Current (Max)	210 mA
Inrush Current Peak (Max)	65 A

Output Power (Max)	0 W
Output Power (Nom)	15–40 W
Inrush Current Width to 50% of Peak	100 µs
Diagnostics	True
Output Power (Min)	0 W
Output Current (Min)	100 mA
Output Voltage (Max)	57 V
Output Voltage (Min)	29 V
Number of Products on MCB (16A Type B) (Max)	21

Wiring

Output Wire Length	10-7/8 inch
Input Wire Cross Section (Nom)	0.82 mm²

System characteristics

Central DC Operation	No
YellowDot ready	No

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Temperature

Ambient temperature range	–40 °F to 131 °F
T–Case Lifetime (Max)	32 °F
T–Case Lifetime (Nom)	165 °F
T–Case Maximum (Max)	176 °F
Module Temperature Protection	Programmable
T–Case Switch Off (Nom)	185 °F

Controls and Dimming

Dimmable	Yes
Control Interface	1-10V/AmpDim/DALI/Dynadimmer
Dimming Range	100-10 %
D4i compliant	No
DynaDimmer	Yes
Constant light output	Yes

Mechanical and Housing

Housing Color	Black
Product Length	5–7/8 inch
Overall length	14–3/16 inch
Overall width	1–3/16 inch
Overall height	7/8 inch
Dimensions (Height x Width x Depth)	21 x 30 x 360 mm

Approval and Application

Ingress protection code	IP20 [Finger–protected]
Surge Protection (Common/Differential)	4/4 kV
Isolation Classification	Class I and Class II
Approval Marks	CCC certificate CE marking CB Certificate ENEC certificate UL certificate
Output Current Set Options	DALI
Protection class IEC	Safety class I/II

Product Data

Order product name	Xitanium 40W 0.70A Prog+ GL–J sXt
Full product name	Xitanium 40W 0.70A Prog+ GL–J sXt
Full product code	871829124503200
Order code	929000708803
Material Nr. (12NC)	929000708803
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8718291245032
Numerator – Packs per outer box	12
EAN/UPC – Case	8718291245049

Dimensional drawing
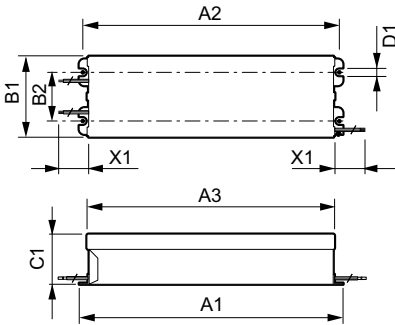
Product	D1	A2	B2	C1	A1	A3	X1	B1
Xitanium 40W 0.70A Prog+ GL–J sXt	1/4 inch	5–11/16 inch	1–1/8 inch	1–1/8 inch	5–7/8 inch	5–1/2 inch	10–7/8 inch	1–13/16 inch

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2023, October 5 – data subject to change