

Lighting

PHILIPS

Xitanium Constant Current Xtreme

Xitanium 150W 0.70A 230V sXt

Xitanium Xtreme LED drivers provide constant current output, optimal for a single string of LEDs. With exceptional operating efficiency, our drivers significantly reduce energy costs. The Xitanium Xtreme portfolio offers both central and standalone dimming protocols further increasing the energy savings and CO2 reductions achieved with LED lighting. The fully programmable drivers deliver all dimming options and a range of currents in a single driver. System reliability is maximized with intelligent temperature monitoring of the LED light engine. The full portfolio offers maximum flexibility with customizable operating settings, delivering optimal performance tailored for each design.

Product data

General Information					
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	165 W				
Maximum Efficiency at Full Load	92 %				
Output Current (Nom)	700 mA				
Output Current Tolerance (Max)	5 %				
Output Current Tolerance (Min)	-5 %				
Power Factor 50% Load (Min)	0.96				
Earth Leakage Current (Max)	0.7 mA				
Input Current (Max)	690 mA				
Inrush Current Peak (Max)	130 A				

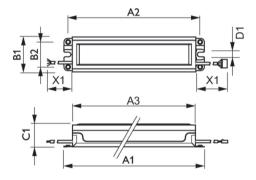
Output Power (Nom)	42-150 W			
Inrush Current Width to 50% of Peak	165 µs			
Number of Products on MCB (16A Type B)	6			
(Max)				
Wiring				
Output Wire Length	280 mm			
Input Wire Cross Section (Nom)	0.82 mm²			
Temperature				
Ambient temperature range	-40 ℃ to 55 ℃			
T-Case Lifetime (Nom)	67 °C			
T-Case Maximum (Max)	80 °C			
Module Temperature Protection	-			
T-Case Switch Off (Nom)	80 °C			

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Controls and Dimming					
Control Interface	None				
Mechanical and Housing					
Housing Color	Black				
Approval and Application					
Ingress protection code	IP66 [Dust penetration-protected, jet-				
	proof]				
Surge Protection (Common/Differential)	3/3 kV				
Isolation Classification	Class II				
Approval Marks	ENEC certificate CE marking RoHS				
	compliance				

Product Data				
Order product name	Xitanium 150W 0.70A 230V sXt			
Full product name	Xitanium 150W 0.70A 230V sXt			
Full product code	872790080917600			
Order code	80917600			
Material Nr. (12NC)	913710859002			
Numerator - Quantity Per Pack	1			
EAN/UPC - Product/Case	8711500880239			
Numerator - Packs per outer box	10			
EAN/UPC - Case	8727900809176			

Dimensional drawing



Product	D1	A2	B2	C1	A1	A3	X 1	B1
Xitanium 150W	8 mm	226.2	42.9	37.1	240.5	211.1	280	59.1
0.70A 230V sXt		mm	mm	mm	mm	mm	mm	mm



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