

Luxtronik



Titan (PL)

60w-360w

Spec Sheet

Version 1.0
April 20, 2017

Luxtronik Technical Department

Powerful and compact, Titan is a combination of proprietary thermal management technology, elegant aesthetics and precision optics, designed for applications requiring high output and long distance projection.

Features & Benefits

- Up to 360W and over 40,000 luminous flux
- Unique, fold fin heatsink technology greatly reduces thermal density and maintains a low LED junction temperature
- Full range of optics for long distance projection as narrow as 7°
- RGB Optional
- IP65 weather resistant
- 0-10V or DALI Dimming options and compatible with all leading lighting control systems

Applications

- Building facades
- Bridge
- Architectural

Technical Specification

Description	Titan LED Projector Light (PL)					
Recommended Product Location	Architectural and facade lighting applications					
Model	LUX-PL-060	LUX-PL-120	LUX-PL-180	LUX-PL-240	LUX-PL-300	LUX-PL-360
Typical System Power (W)	60	110	180	220	280	330
Typical Luminous Flux (lm)	5,400	9,900	16,200	19,800	25,200	29,700
Dimensions (mm)	288x249x463	288x249x463	345x335x479	345x335x479	451x392x578	451x392x578
Weight (kg)	10	10.5	16	16.5	28	29
Light Source	Lumileds Luxeon TX (default) / Osram Oslon Square / Cree XPG3					
Correlated Colour Temperature	3000K, 4000K, 5000K, 5700K, 6500K					
Colour Rendering Index	>70 (or >80 available)					
System Efficacy	90 lm/W					
LED Junction Temp.	≤75°C (@ Ta=25°C)					
Light Distribution options	7°					
Driver	Meanwell HLG					
Input Voltage Range	100-305VAC 50/60Hz					
Power Factor	> 0.90					
Electrical Class	Class I					
Dimming Control (optional)	0-10V, DALI					
Ambient Operating Temperature	-40°C to +45°C					
Ambient Storage Temperature	-25°C to +80°C					
Material	Aluminium					
Optical Cover	Tempered Glass					
Finish	Black powder coated (customized RAL colour available upon request)					
Ingress Protection (IP)	IP65					
Batch Coded	Yes					
Certification	CE					

Accessories

DMX Controller

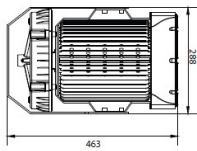


Model No: JM-1001

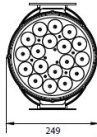


Model No: LC-1001

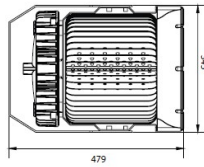
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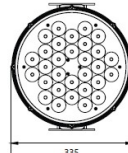
LUX-PL-060 / 120



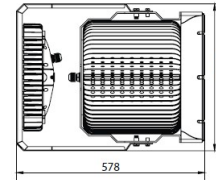
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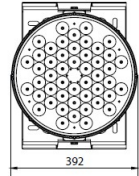
LUX-PL-180 / 240



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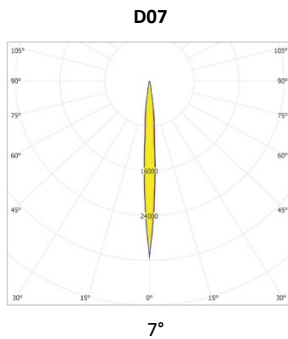


LUX-PL-300 / 360



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Photometrics



Ordering Information

Product ID	LED Power	Color Temp	CRI	Optics	Control
PL	060 = 60W 120 = 120W 180 = 180W 240 = 240W 300 = 300W 360 = 360W	30K = 3000K 40K = 4000K 50K = 5000K 57K = 5700K 65K = 6500K	70 = Min 70 80 = Min 80	D07 = 7°	ND = Non-Dimmable VD = 0-10V Dimmable DD = DALI Dimmable

Note: Actual result of end-user values are typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

performance may differ as a environment and application. All