

Airius Lighting



Car Park Light (CPL)

50w-300w

Spec Sheet

The modular series is designed to solve long lasting issues in the supply and availability of industrial lighting. Our brand new Modular LED system is a fusion of exciting new technologies that gives our partners the flexibility to customize optics instantly and build a variety of luminaires on demand.

Features & Benefits

- Rapid fit optics, customize the light beam to deliver the perfect performance.
- Plug and play
- Unique waterproofing concept - instant IP65 rating for the light engines
- >130 lm/W designed to meet and exceed industry performance standards
- Protective UV stabilized powder coated finish
- Compatible with multiple dimming protocols including 0-10V and DALI
- Optional built-in emergency

Application

The Car Park Light is ideal for;

- Facility lighting
- Parking lots
- Street lighting

Technical Specification

Description

Recommended Product Location

Model Number
Module Quantity
Module Max Power
Typical System Power
Typical Luminous Flux

Pandora LED Modular Car Park Series (MCP)

Car park and site lighting applications

Light Source
Number of LEDs
Correlated Colour Temperature
Colour Rendering Index
System Efficacy
LED Junction Temp.
Optics

Driver
Input Voltage Range
Power Factor
Electrical Class
Dimming Control options
Driver Tc
Ambient Operating Temperature
Ambient Storage Temperature
Material
Optical Cover
Finish
Ingress Protection (IP)
Quality Assurance System
Batch Coded
Certification

	LUX-MCP-050	LUX-MCP-75	LUX-MCP-100	LUX-MCP-150L	LUX-MCP-150H	LUX-MCP-200	LUX-MCP-300
Module Quantity	1	1	2	2	3	3	4
Module Max Power	50w	75w	100w	150w	150w	200w	300w
Typical System Power	55w	80w	110w	165w	165w	220w	330w
Typical Luminous Flux	7,100	9,600	14,300	19,000	21,400	26,800	39,600

Lumileds / Osram mid-power LED
 80 LEDs per module
 4000K, 5000K, 6500K
 >70 (or >80 available)
 130 lm/w
 ≤75°C (@ Ta=25°C)
 Round: D3 (30°x30°), D6 (60°x60°), D9 (90°x90°)
 Nema: Type I (30°x100°), Type II (50°x140°), Type III (40°x140°), Type IV (30°x140°), Type V (140°x140°)
 Meanwell
 100-305VAC 50/60Hz
 > 0.9
 Class I
 0-10V, DALI
 75°C
 -40°C to +40°C
 -25°C to +80°C
 Die-cast Aluminum
 Polycarbonate
 Black or Grey powder coating (customized RAL colour available upon request)
 IP65
 ISO9001, ISO14001
 Yes
 CE, CB, SAA, ETL

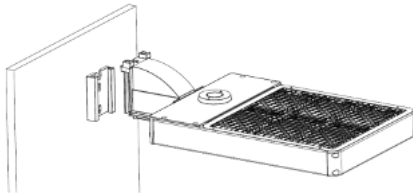
Accessories

Sensor compatible

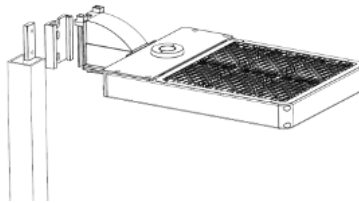
NEMA socket available upon request in 5 or 7 pin.



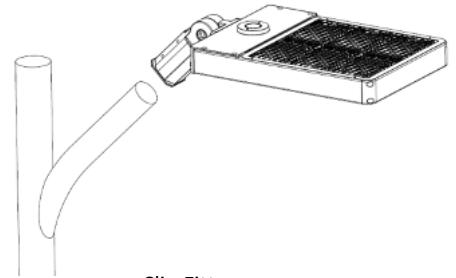
Mounting



Wall Mounted



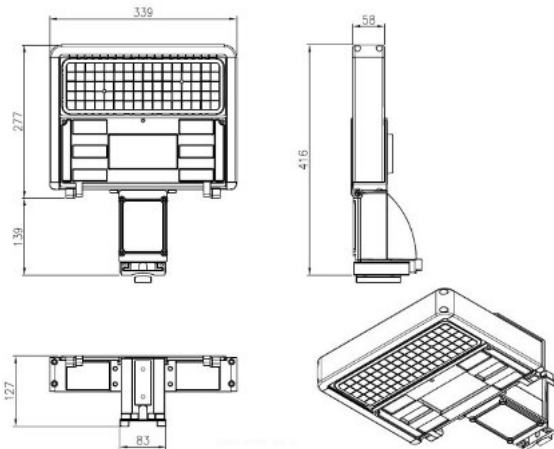
Pole Mounted



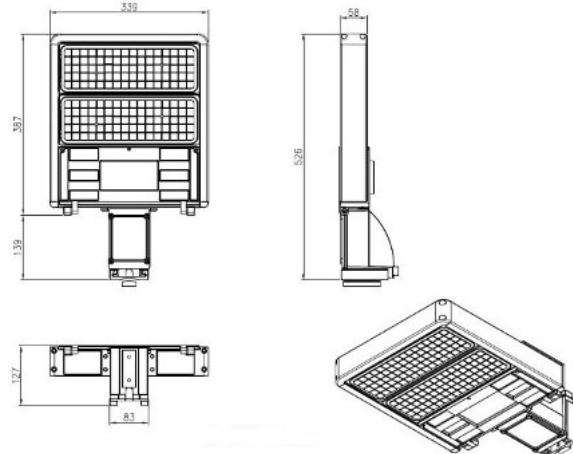
Slip Fitter

Dimensions

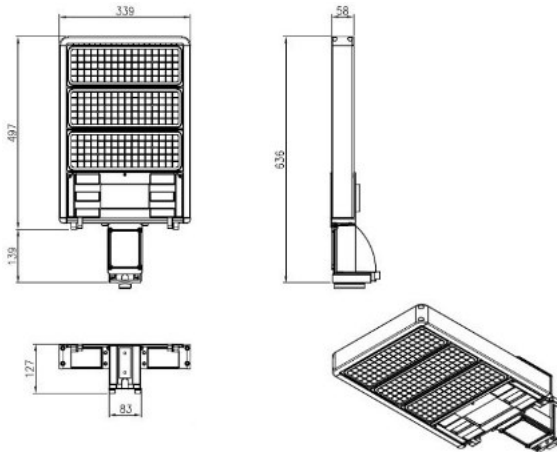
50 / 75



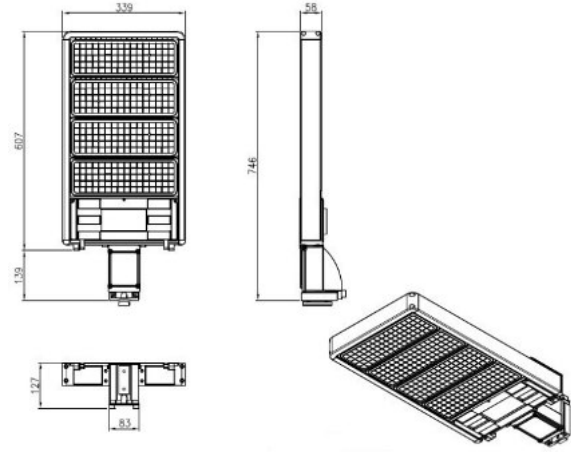
100 / 150L



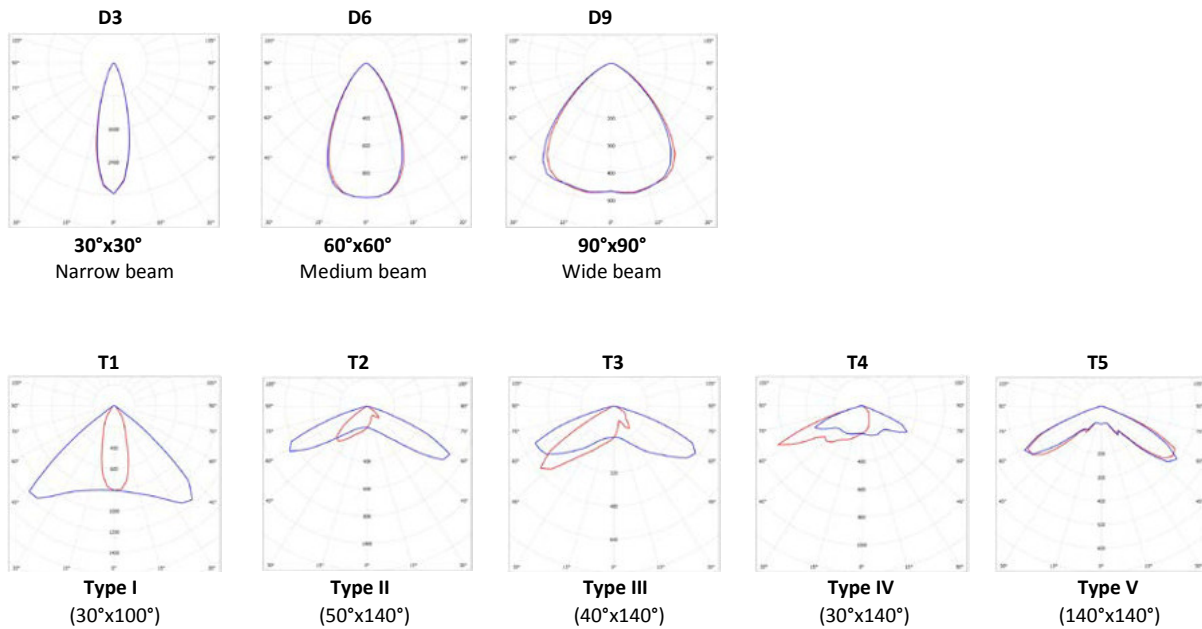
150H / 200



300



Photometrics



Ordering Information

Product ID MCP	LED Power	Color Temp	CRI	Optics	Control	Finish	Mounting	(Optional) NEMA Socket
	050 = 50W	40K = 4000K	70 = Min 70	D3 = Round (30°x30°)	ND = Non-Dimmable	WH = White	WM = Wall Mount	N5 = 5 Pin
	075 = 75W	50K = 5000K	80 = Min 80	D6 = Round (60°x60°)	VD = 0-10V Dimmable	BL = Black	PM = Pole Mount	N7 = 7 Pin
	100 = 100W	65K = 6500K		D9 = Round (90°x90°)	DD = DALI Dimmable		SF = Slip Fitter	
	150L = 150W			T1 = Type I (30°x100°)				
	150H = 150W			T2 = Type II (50°x140°)				
	200 = 200W			T3 = Type III (40°x140°)				
	300 = 300W			T4 = Type IV (30°x140°)				
				T5 = Type V (140°x140°)				

Note: Actual performance may differ as a result of end-user environment and application. All values are typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.