

AIRIUS[®]

Lighting Solutions



Newton *(MCP PLUS)*

Modular Car Park Light - Plus
75w - 300w

PRODUCT INFORMATION

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**AIRIUS MODULAR CAR PARK LIGHT
(MCP PLUS) 75W - 300W**

The Airius Newton Modular Car Park Light is designed to solve long lasting issues in the supply and availability of industrial lighting, offering the flexibility to customize optics instantly and build a variety of luminaires on demand.



UNIT OVERVIEW

	Module Max Power (W):	Module Quantity:	Typical System Power (W):	System Efficacy:	Typical Luminous Flux (lm):
MCP-075 PLUS	75W	1	82W	130lm/w	12,800lm
MCP-100 PLUS	100W	1	110W	130lm/w	17,800lm
MCP-150 PLUS	150W	2	160W	130lm/w	25,500lm
MCP-200 PLUS	200W	2	220W	130lm/w	35,800lm
MCP-300 PLUS	300W	3	320W	130lm/w	52,100lm



UNIT SPECIFICATIONS

Light Source:	Lumileds / Osram Mid-Power LED
LEDs Per Module:	80
Correlated Colour Temp:	4000K, 5000K, 6500K
Colour Rendering Index:	>70 (or >80 available)
LED Junction Temp:	<75°C (@ Ta=25°C)
Expected Lamp Life:	100,000 Hours
Driver:	Meanwell / Inventronics
Input Voltage Range:	100-305VAC 50/60Hz
Power Factor:	> 0.90
Electrical Class:	Class I
Dimming Control (optional):	0-10V, DALI, Zigbee
Sensor compatible:	NEMA socket available upon request in 5 or 7 pin
Ambient Operating Temp:	-40°C to +40°C
Ambient Storage Temp:	-25°C to +80°C
Driver Tc:	75°C
Material:	Die-cast Aluminium
Optical Cover:	Polycarbonate
Finish:	Black or grey powder coated (customised RAL colour available upon request)

Data provided by manufacturer and is subject to change at anytime

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

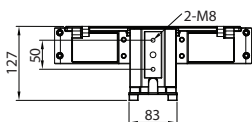
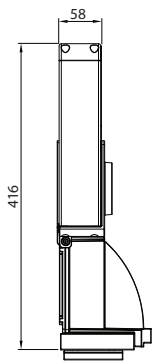
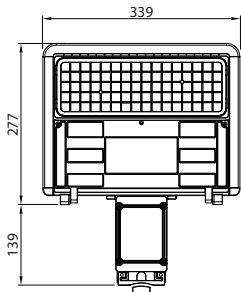
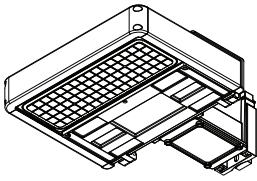
APPLICATIONS

The Airius Faraday Car Park Light is ideal for;

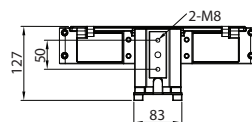
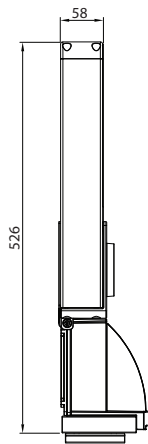
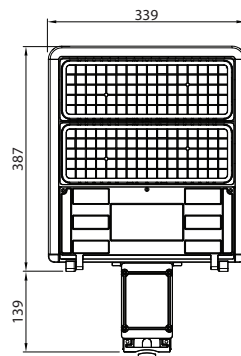
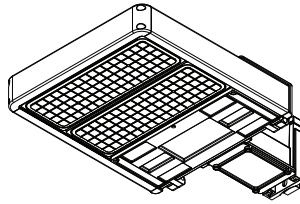
- Facility lighting
- Parking lots
- Street lighting

DIMENSIONS

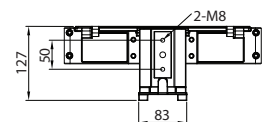
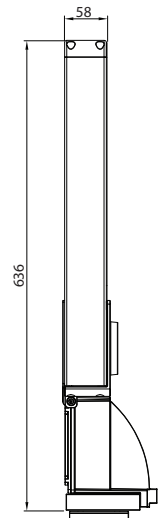
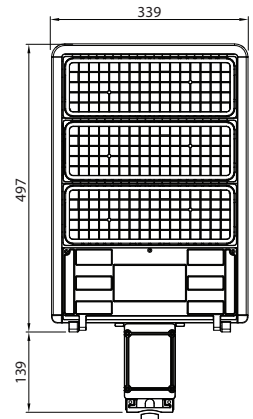
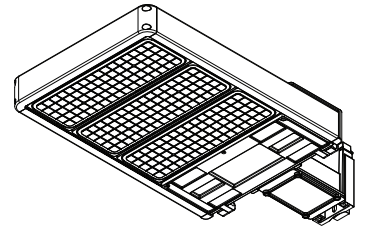
MCP-075 / 100 PLUS



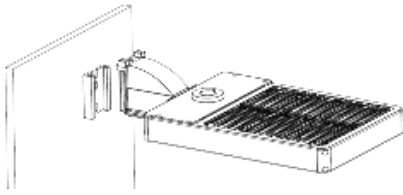
MCP-150 / 200 PLUS



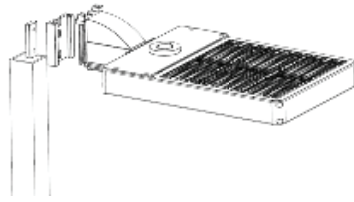
MCP-300 PLUS



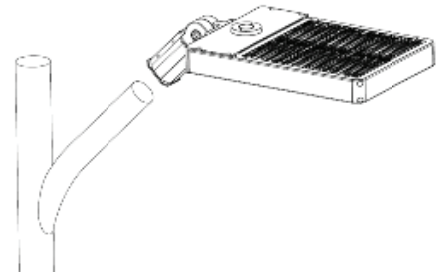
ACCESSORIES



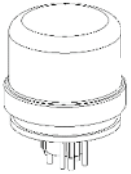
Wall Mount



Pole Mount



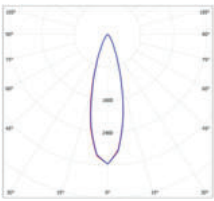
Slip Fitting Mount



Sensor Compatible
(5 or 7 pin NEMA Socket
available upon request)

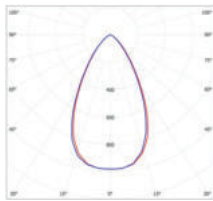
PHOTOMETRICS

D3



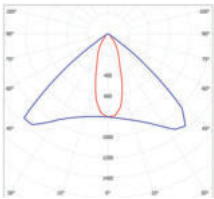
30°x30°
(Narrow Beam)

D6



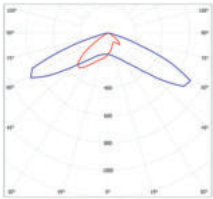
60°x60°
(Medium Beam)

T1



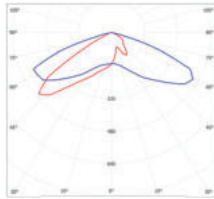
30°x100°

T2



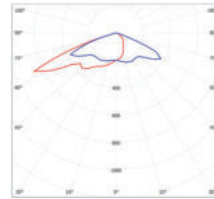
50°x140°

T3



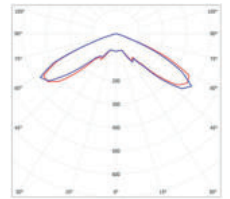
40°x140°

T4



30°x140°

T5



140°x140°

ORDERING INFORMATION

ORDER CODES

PRODUCT ID:	LED POWER:	COLOUR TEMP:	CRI:	OPTICS:	CONTROL:
MCP PLUS	075 = 75W	40K = 4000K	70 = Min 70	D2 = Round (20°x20°)	ND = Non-Dimmable
	100 = 100W	50K = 5000K	80 = Min 80	D3 = Round (30°x30°)	VD = 0-10V Dimmable
	150 = 150W	65K = 6500K		D6 = Round (60°x60°)	DD = DALI Dimmable
	200 = 200W			T1 = Type I (30°x100°)	
	300 = 300W			T2 = Type II (50°x140°)	
				T3 = Type III (40°x140°)	
				T4 = Type IV (30°x140°)	
				T5 = Type V (140°x140°)	

*PLEASE 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.