

# AIRIUS<sup>®</sup>

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):
<b>MCP-075 PLUS</b>	75W	1	82W	130lm/w	12,800lm
<b>MCP-100 PLUS</b>	100W	1	110W	130lm/w	17,800lm
<b>MCP-150 PLUS</b>	150W	2	160W	130lm/w	25,500lm
<b>MCP-200 PLUS</b>	200W	2	220W	130lm/w	35,800lm
<b>MCP-300 PLUS</b>	300W	3	320W	130lm/w	52,100lm



### UNIT SPECIFICATIONS

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

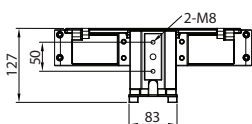
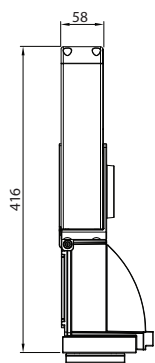
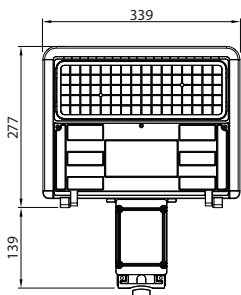
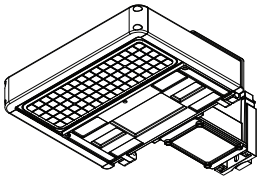
## APPLICATIONS

The Airius Faraday Car Park Light is ideal for;

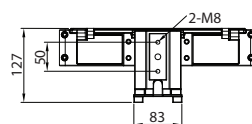
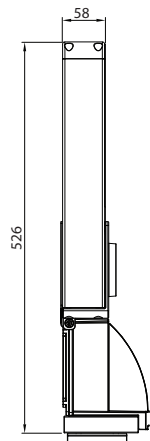
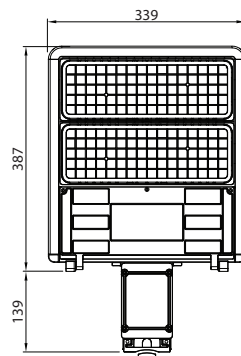
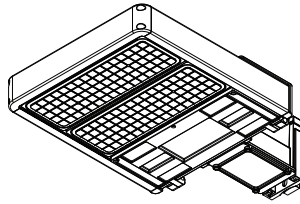
- Facility lighting
- Parking lots
- Street lighting

# DIMENSIONS

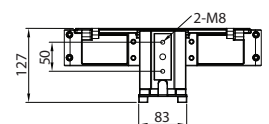
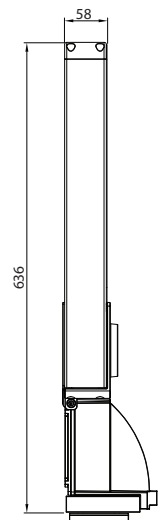
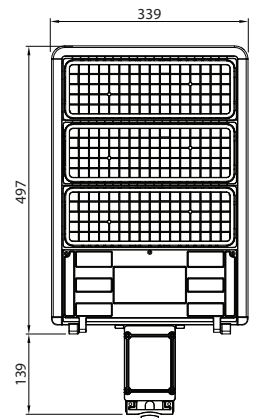
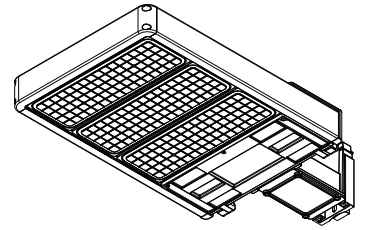
MCP-075 / 100 PLUS



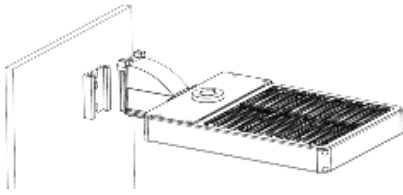
MCP-150 / 200 PLUS



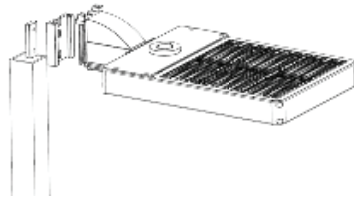
MCP-300 PLUS



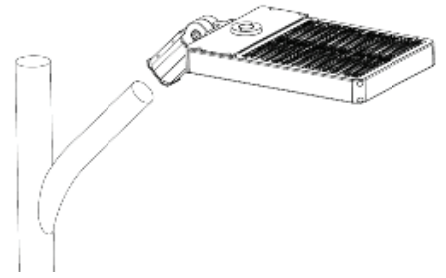
# ACCESSORIES



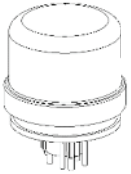
Wall Mount



Pole Mount



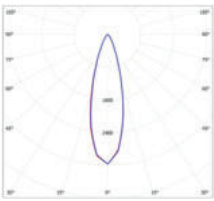
Slip Fitting Mount



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

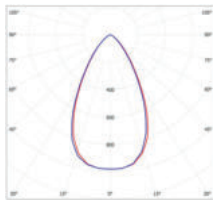
# PHOTOMETRICS

**D3**



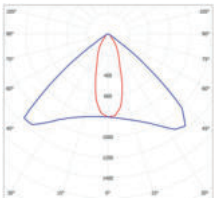
30°x30°  
(Narrow Beam)

**D6**



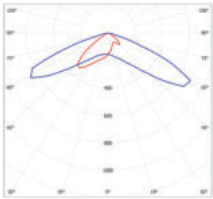
60°x60°  
(Medium Beam)

**T1**



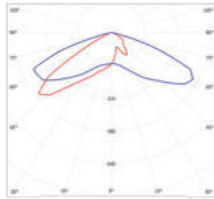
30°x100°

**T2**



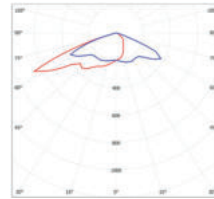
50°x140°

**T3**



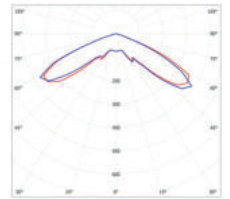
40°x140°

**T4**



30°x140°

**T5**



140°x140°

# ORDERING INFORMATION

ORDER CODES

PRODUCT ID:	LED POWER:	COLOUR TEMP:	CRI:	OPTICS:	CONTROL:
<b>MCP PLUS</b>	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.