Newton
(MCP)

Modular Car Park Light
50w - 300w

PRODUCT INFORMATION

AIRIUS MODULAR CAR PARK LIGHT (CPL) 50W - 300W

PRODUCT INFORMATION

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-050	50W	1	55W	130lm/w	7,100lm
MCP-075	75W	1	80W	130lm/w	9,600lm
MCP-100	100W	2	110W	130lm/w	14,300lm
MCP-150L	150W	2	165W	130lm/w	19,000lm
MCP-150H	150W	3	165W	130lm/w	21,400lm
MCP-200	200W	3	220W	130lm/w	26,800lm
MCP-300	300W	4	330W	130lm/w	39,600lm

IP 65 CB C€ SAA APPROVALS ETL LISTED

5YR WARRANTY

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
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
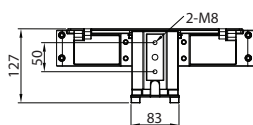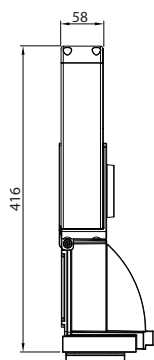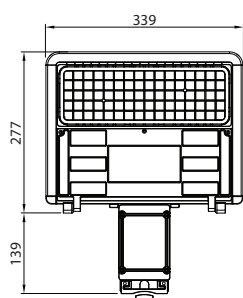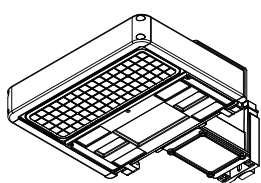• Compatible with multiple dimming protocols including 0-10V and DALI
• Optional built-in emergency
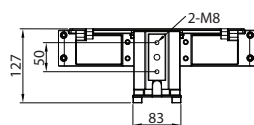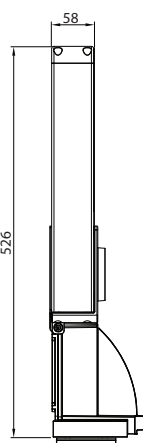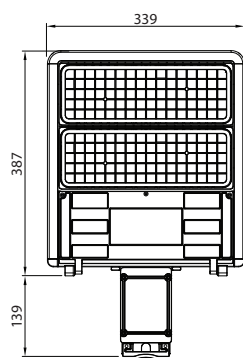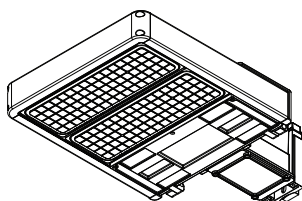
APPLICATIONS

The Airius Faraday Car Park Light is ideal for;

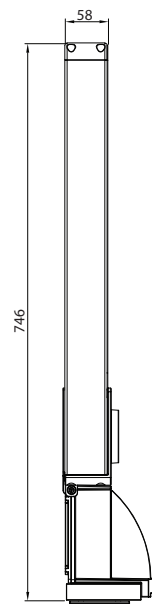• Facility lighting
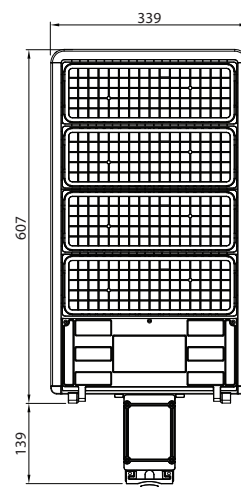• Parking lots
• Street lighting

DIMENSIONS

| MCP-050 / 075 | MCP-100 / 150L | MCP-150H / 200 | MCP-300 |

339
277
139

339
387
139

339
497
139

339
607
139

58
416

58
526

58
636

58
746

2-M8
127
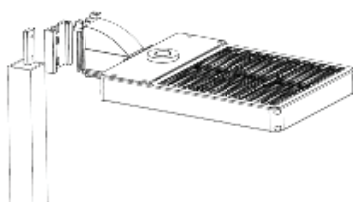50
83

2-M8
127
50
83

2-M8
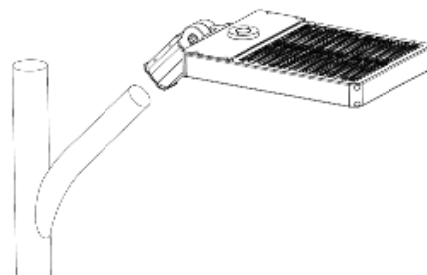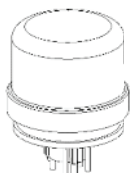127
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83

2-M8
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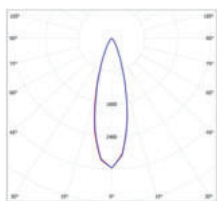50
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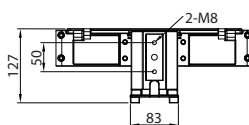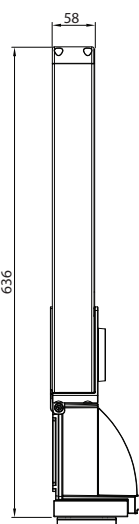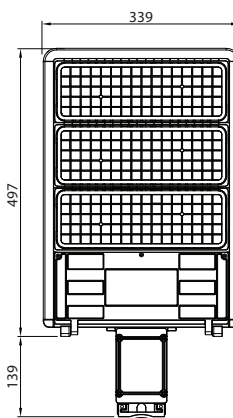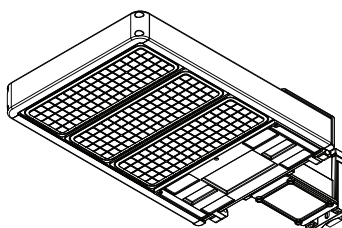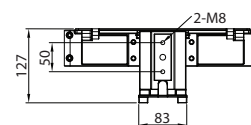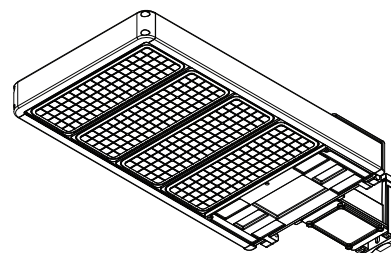
ACCESSORIES
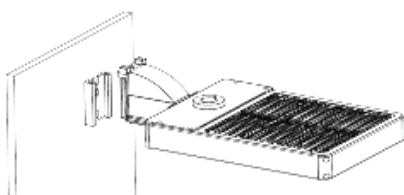
Wall Mount

Pole Mount

Slip Fitting Mount

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

PHOTOMETRICS
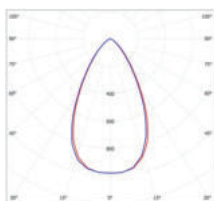
D3

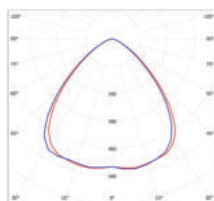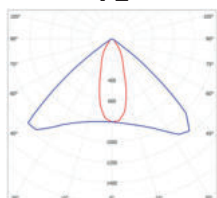30°x30°
(Narrow Beam)

D6

60°x60°
(Medium Beam)

D9

90°x90°
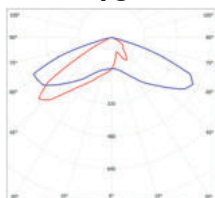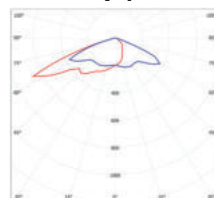*(Wide Beam)*

T1

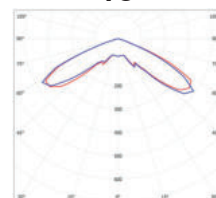30°x100°

T2
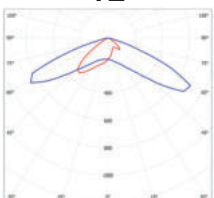
50°x140°

T3

40°x140°

T4

30°x140°

T5

140°x140°

ORDERING INFORMATION

ORDER CODES

PRODUCT ID:	LED POWER:	COLOUR TEMP:	CRI:	OPTICS:	CONTROL:
MCP	050 = 50W	40K = 4000K	70 = Min 70	D3 = Round (30°x30°)	ND = Non-Dimmable
	075 = 75W	50K = 5000K	80 = Min 80	D6 = Round (60°x60°)	VD = 0-10V Dimmable
	100 = 100W	65K = 6500K		D9 = Round (90°x90°)	DD = DALI Dimmable
	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°)	

*PLEASE NOTE: Actual performance may differ as a result of end-user environment and application. All values are typical values meausered under labratory conditions at 25°C. Specifications subject to change without notice.