Airius
Lighting Solutions

Copernicus
(MCA)

Modular Canopy Light
50w - 200w

PRODUCT INFORMATION

AIRIUS MODULAR CANOPY LIGHT
(MCA) 50W - 200W

The Airius Copernicus Modular Canopy range 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.

PRODUCT INFORMATION

IP 65 CB C€ SAA APPROVALS ETL LISTED

5YR WARRANTY

UNIT OVERVIEW

	Module Max Power (W):	Module Quantity:	Typical System Power (W):	System Efficacy:	Typical Luminous Flux (lm):
MCA-050	50W	1	55W	130lm/w	7,100lm
MCA-075	75W	1	80W	130lm/w	9,600lm
MCA-100	100W	2	110W	130lm/w	14,300lm
MCA-150L	150W	2	165W	130lm/w	19,000lm
MCA-150H	150W	3	165W	130lm/w	21,400lm
MCA-200	200W	3	220W	130lm/w	26,800lm

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:	Optional microwave or passive infrared motion sensors available
Ambient Operating Temp:	-40°C to +40°C
Ambient Storage Temp:	-25°C to +80°C
Driver Tc:	75°C
Material:	Aluminium (Module), Zinc Galvanized Steel (Bracket)
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
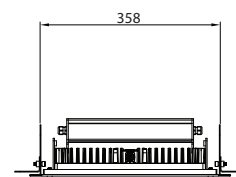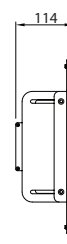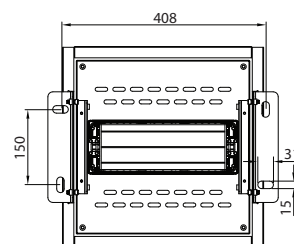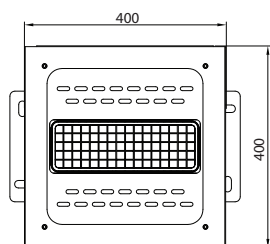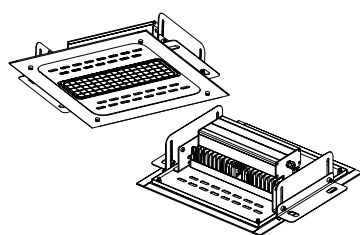- Optional built-in emergency

APPLICATIONS

The Airius Copernicus Modular Canopy Light is ideal for;

- Petrol stations
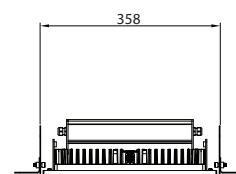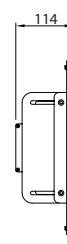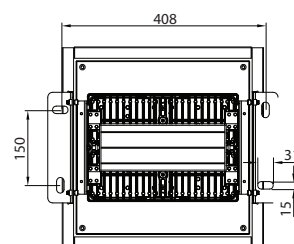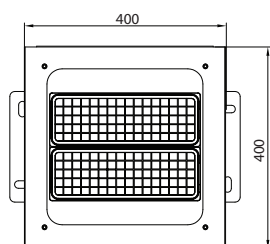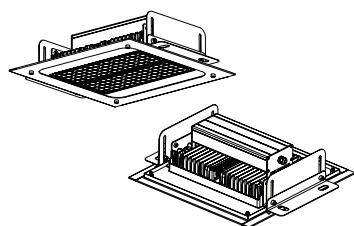- Parking garages
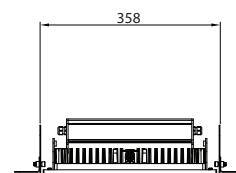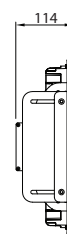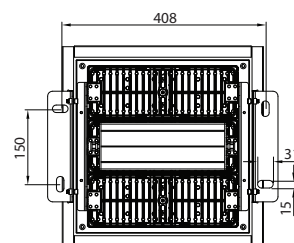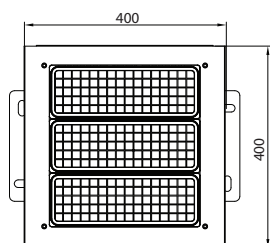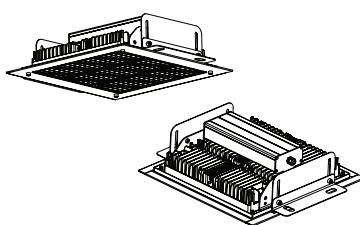- Storage facilities
- Industrial facilities

DIMENSIONS

MCA-050 / 075 - *Recess Mounted*
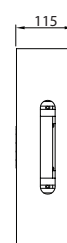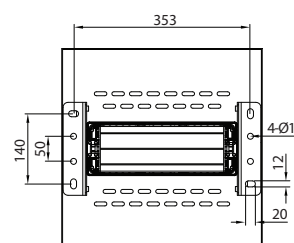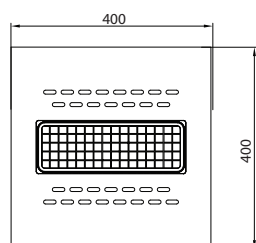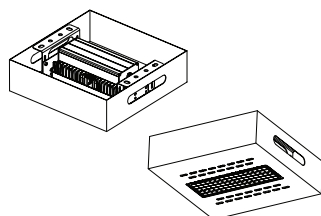

400	408	114	358
400	150 / 31 / 15		

MCA-100 / 150L - *Recess Mounted*
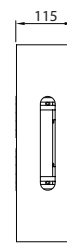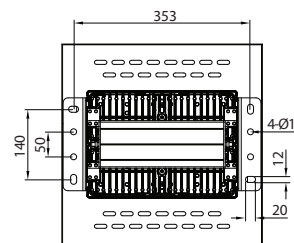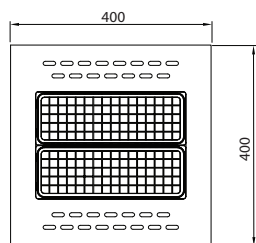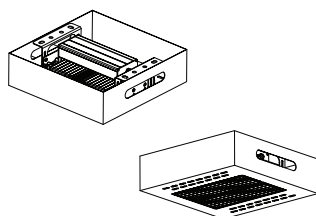

400	408	114	358
400	150 / 31 / 15		

MCA-150H / 200 - *Recess Mounted*

400	408	114	358
400	150 / 31 / 15		

MCA-050 / 075 - *Surface Mounted*

400	353	115
400	140 / 50 / 4-Ø12 / 12 / 20	

MCA-100 / 150L - *Surface Mounted*

400	353	115
400	140 / 50 / 4-Ø12 / 12 / 20	

MCA-150H / 200 - *Surface Mounted*

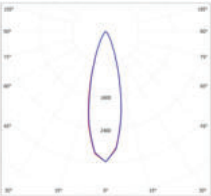| 400	353	115
400	140 / 50 / 4-Ø12 / 12 / 20	
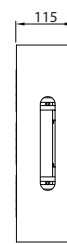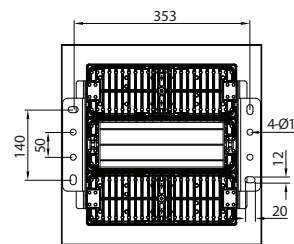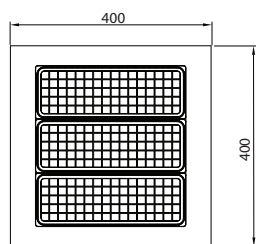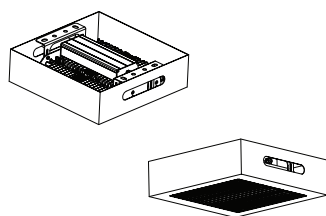
ACCESSORIES

Recess Mounted
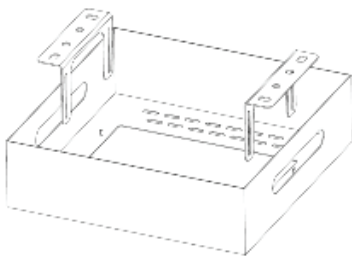
Surface Mounted
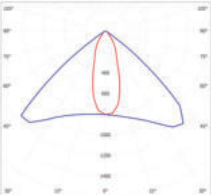
PHOTOMETRICS

D3
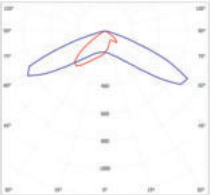

30°x30°
(Narrow Beam)

D6
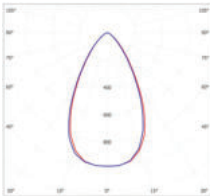
60°x60°
(Medium Beam)

D9
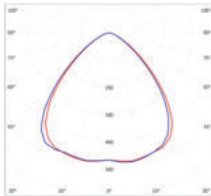
90°x90°
(Wide Beam)

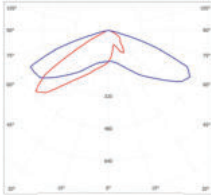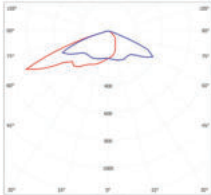### T1

30°x100°

T2

50°x140°

T3

40°x140°

T4

30°x140°

T5
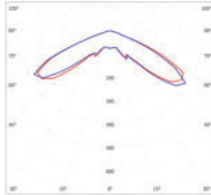
140°x140°

ORDERING INFORMATION

ORDER CODES	PRODUCT ID:	LED POWER:	COLOUR TEMP:	CRI:	OPTICS:	CONTROL:
	MCA	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°)	
					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.