



# Galileo

(MFL)

***Modular Flood Light***  
**50w - 800w**

PRODUCT INFORMATION

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# AIRIUS MODULAR FLOOD LIGHT (MFL) 50W - 800W

The Airius Galileo range is a brand new Modular LED system incorporating a fusion of exciting new technologies to give our customers the flexibility to customise 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):
MFL-050	50W	1	55W	130lm/w	7,100lm
MFL-075	75W	1	80W	130lm/w	9,500lm
MFL-100	100W	2	110W	130lm/w	14,200lm
MFL-150L	150W	2	165W	130lm/w	19,000lm
MFL-200	200W	3	220W	130lm/w	26,800lm
MFL-300	300W	4	330W	130lm/w	38,000lm
MFL-400	400W	6	440W	130lm/w	53,600lm
MFL-600	580W	8	640W	130lm/w	76,800lm
MFL-800	760W	10	840W	130lm/w	99,800lm

**IP 65**

**CBC**



**5YR  
WARRANTY**

### UNIT SPECIFICATIONS

<b>Light Source:</b>	Lumileds / Osram Mid-Power LED
<b>LEDs Per Module:</b>	80
<b>Correlated Colour Temp:</b>	3000K - 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
<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>	-----
<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 (Module), Zinc Galvanized Steel (Bracket)
<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

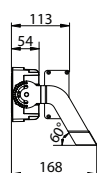
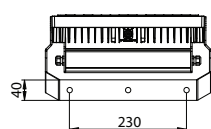
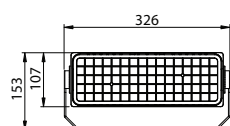
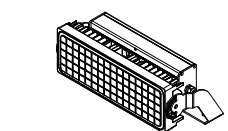
## APPLICATIONS

The Airius Modular Flood Light is ideal for;

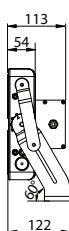
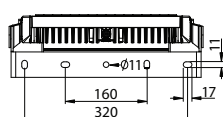
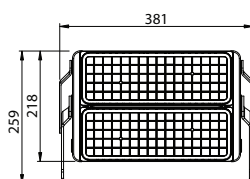
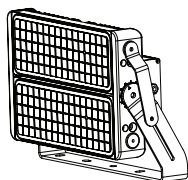
- Building facades
- Area lighting
- Signage & Billboards
- Depots
- Heavy industrial and wet locations

# DIMENSIONS

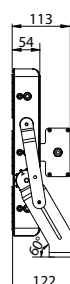
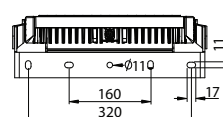
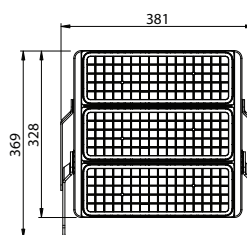
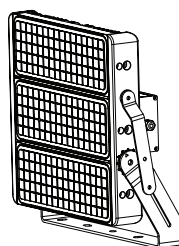
MFL-050 / 075



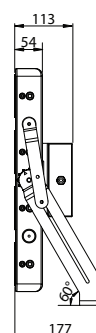
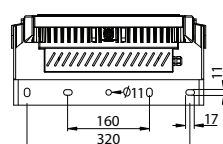
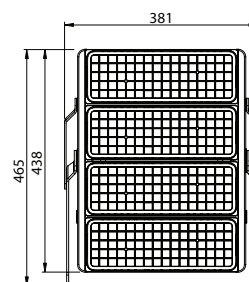
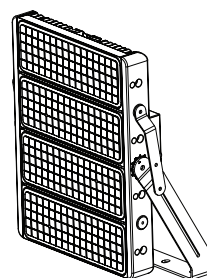
MFL-100 / 150L



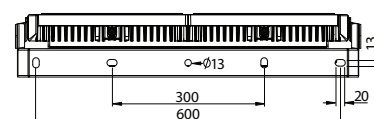
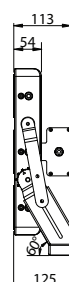
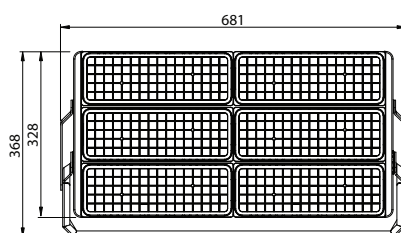
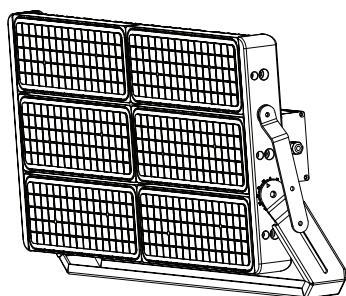
MFL-150H / 200



MFL-300

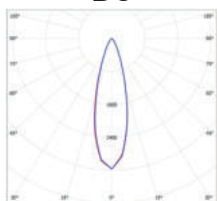


MFL-400



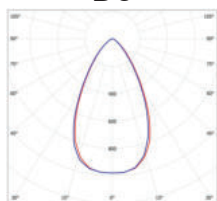
# PHOTOMETRICS

**D3**



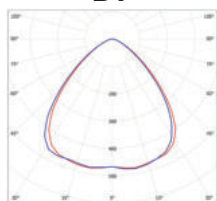
30°x30°

**D6**



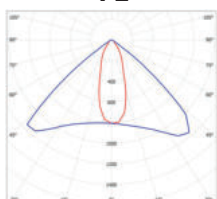
60°x60°

**D9**



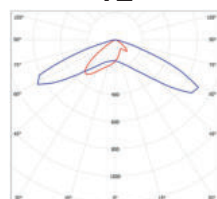
90°x90°

**T1**



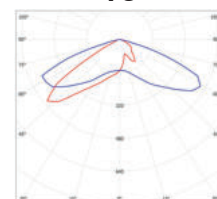
30°x100°

**T2**



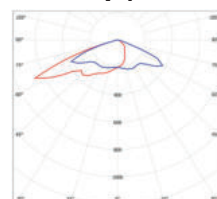
50°x140°

**T3**



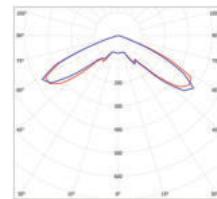
40°x140°

**T4**



30°x140°

**T5**



140°x140°

## ORDERING INFORMATION

ORDER CODES	PRODUCT ID:	LED POWER:	COLOUR TEMP:	CRI:	OPTICS:	CONTROL:
	MFL	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 = 200W			T2 = Type II (50°x140°)	
		200 = 200W			T3 = Type III (40°x140°)	
		300 = 300W			T4= Type IV (30°x140°)	
		400 = 400W			T5 = Type V (140°x140°)	
		600 = 600W				
		800 = 800W				
*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.						