

AL6100 - AL6300 Challenger 1 LED

IP66

CE

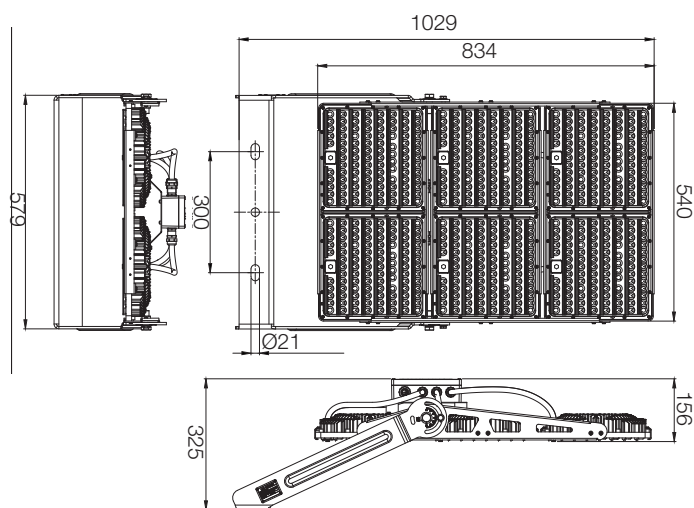
UK
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Abacus[®]

Leaders in Lighting



Dimensions



Wind Area (flat glass installation):

6 module: 0.149m²

4 module: 0.130m²

2 module: 0.107m²

Specifications and Features

Housing:

Die-cast/profiled aluminium and steel are used to produce an elegant and unobtrusive low profile design.

Ratings:

UKCA, CE, CB, SAA, IP66

Finish:

Powder coated Black/Red

Driver:

- 1500W driver is 3ch. DALI2/DMX driver, 7.0kg (including mounting arrangements), IP66 rated
- 400W - 1200W data available on request
- Integral or remote options available

Example applications:

- Sport
- Rail
- Ports
- Amenity
- Open Areas

Warranty & Lifetime:

5 years standard warranty

60,000 hours L80B10 25°C

Imagery



 **SAPCA**
MEMBER

 **ILP**
CORPORATE
MEMBER

 **NICEIC**
APPROVED CONTRACTOR

 **LRQA**
CERTIFIED
ISO 9001 - ISO 14001
ISO 45001 - SSP Certification

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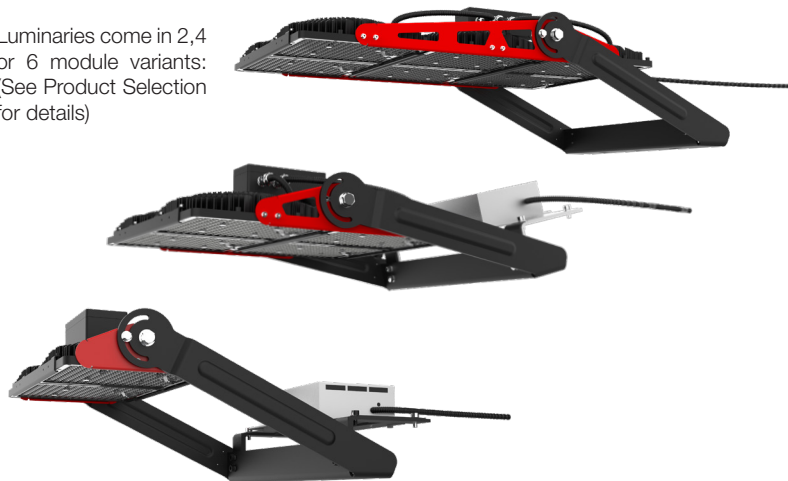
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Technical Specifications

Light Efficiency	> 135lm/W
Luminous Flux	190,000lm
Colour Temperature	5200K (2700 ~ 5700K optional)
CRI	Ra70 (80/90 optional)
Beam Angle	See product selection
Total Power Consumption	1500W±40W
Output Current	4.8A (constant current)*6
Net Weight	6 module = 29.6Kg, 4 module = 22.0Kg, 2 module = 15.6Kg
Light Dimensions	L1077mm × W653mm × H290mm
Light Package Dimensions	L1160mm × W710mm × H335mm
Power Factor	≥0.95
IP Rating	IP66
Input Voltage	AC 200-440V

Luminaires come in 2, 4 or 6 module variants: (See Product Selection for details)



Product Selection

Body Size	Beam Type	Wattage (W)	RA/CCT	Ambient Temp	Gear
AL61 = 6 modules	01 = Narrow 1	15 = 1500W (6 module)	752 (Ra70/5200K)	S = Standard (40°C)	R = Remote
AL62 = 4 modules	02 = Medium	12 = 1200W (6 module)	852 (Ra80/5200K)	H = High (50°C)	I = Integral
AL63 = 2 modules	04 = 10°	10 = 1000W (4 module)			
	05 = 20°	05 = 500W (2 module)			
	06 = 30°	04 = 400W (2 module)			
	07 = 60°				

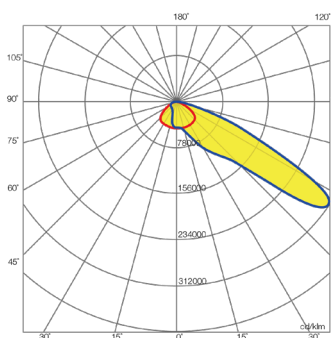
Example Product Selections:

6 module 1500W Standard Temperature
AL6102/15752SR
 Medium Beam 752 RA/CCT Remote Gear

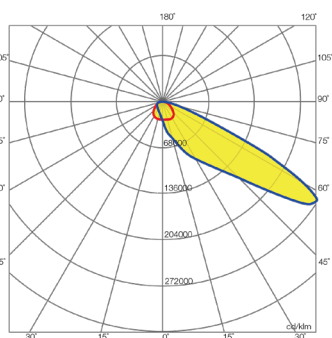
4 module 1500W Standard Temperature
AL6204/15852SI
 10° Beam 852 RA/CCT Integral Gear

Photometric Output

AL6101 Distribution:



AL6102 Distribution:



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