

CHALLENGER 1 LED

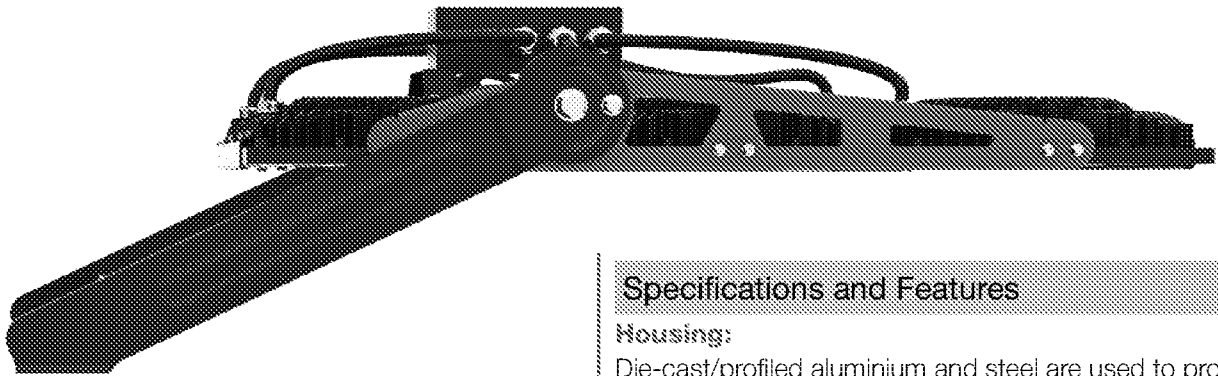
AL6100-AL6300

IP66

CE

Abacus

Leaders in Lighting



Specifications and Features

Housing:

Die-cast/profiled aluminium and steel are used to produce an elegant and unobtrusive low profile design. 29.6kg in weight (6 module) with an IP66 rating.

Ratings:

UKCA, CE, CB, SAA, IP66

Finish:

Powder coated Black/Red

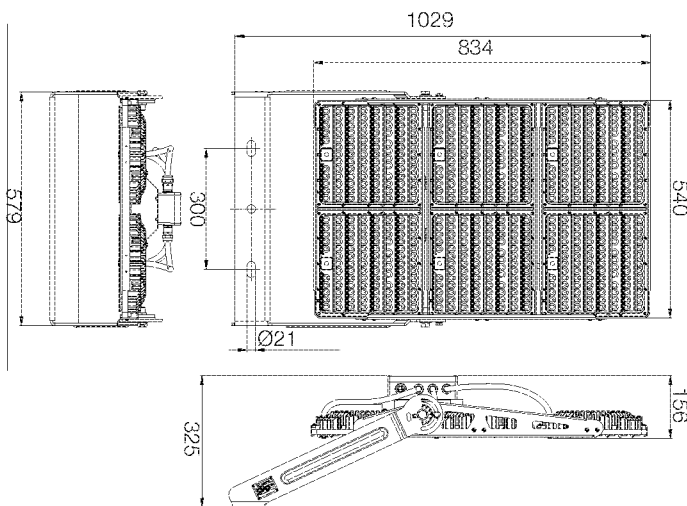
Driver:

- 1500W driver is 3ch. DALI2/DMX driver, 5.6kg, IP66
- 400W - 1200W data available on request
- Integral or remote options available

Example applications:

- Sport
- Rail
- Ports
- Amenity
- Open Areas

Dimensions



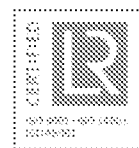
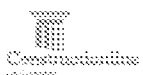
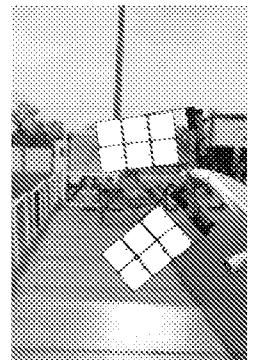
Wind Area:

6 module: 0.149m²
4 module: 0.130m²
2 module: 0.107m²

Warranty & Lifetime:

5 years standard warranty
60,000 hours L80B10 25°C

Imagery



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AL6100-AL6300

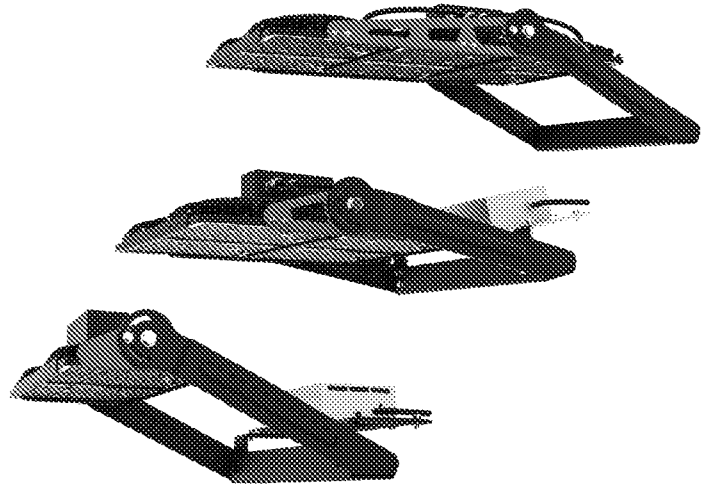
Abacus®

Leaders in Lighting

Technical Specifications

Light Efficiency	> 125lm/W
Luminous Flux	190,000lm
Colour Temperature	5200K (3000 - 5700K optional)
CRI	Ra70 (80/90 optional)
Beam Angle	Medium/Narrow
Total Power Consumption	1500W±40W
Output Current	4.8A (constant current)*6
Output Voltage	DC 40~48V
Net Weight	29.6kg (6 module)
Light Dimensions	L1077mm x W653mm x H290mm
Light Package Dimensions	L1160mm x W710mm x H335mm
Power Factor	≥0.95
P Rating	IP66
Input Voltage	AC 200-440V
Power Frequency	47-63Hz

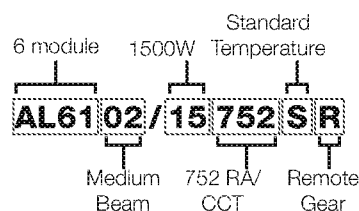
Luminaires come in 2,4 or 6 module variants: (See Product Selection for details)



Product Selection

Body Size	Beam Type	Wattage (W)	RA/CCT	Ambient Temp	Gear
AL61 = 6 modules	Ø1 = Narrow	15 = 1500W (6 module)	752 (Ra70/5200k)	5 = Standard (25°C)	R = Remote
AL62 = 4 modules	Ø2 = Medium	12 = 1200W (6 module)	852 (Ra80/5200k)	4 = High (50°C)	I = Integral
AL63 = 2 modules		10 = 1000W (4 module)			
		5 = 500W (2 module)			
		4 = 400W (2 module)			

Example Product Selection:



Photometric Output

AL6101 Distribution:

AL6102 Distribution:

