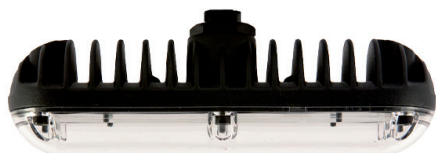


Capsule

Product Sheet

 Luminaires



Small and powerful **outdoor LED fixture**.

Capsule generates the equivalent of 50W halogen light using the latest generation Luxeon Rebel LEDs.

Capsule is simple to install and use, and requires only a standard low voltage power supply. Several units can be daisy chained together to one power source.

Capsule is customizable; it can be ordered in any color LED, and is available with different optics to choose from.

Weather Proof

fixtures are Outdoor rated (IP67) and vandal proof.

Adjustable

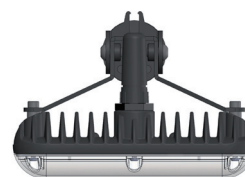
90° tilt for all mounting accessories.

Low Voltage Operation

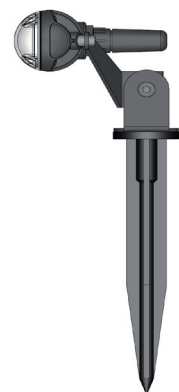
Direct operation via standard low voltage power supply.



isometric



top



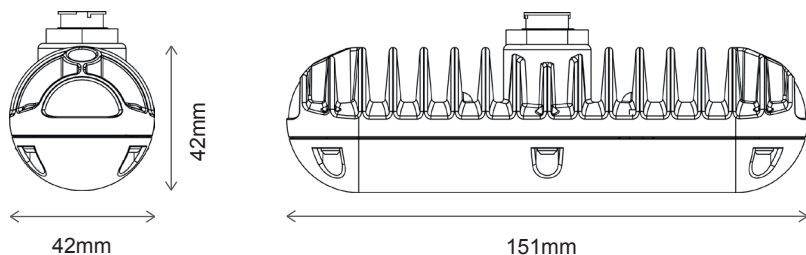
side

Capsule

Product Sheet

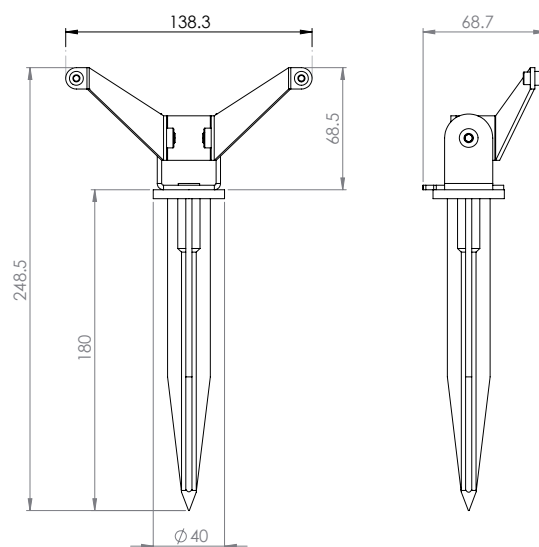
Output	
LED source	4/ 6* High power Luxeon Rebel
Channel range	1 CH/ 3 CH's (Remote)
Color choice	Warm White, Cool White, Neutral White, Red, Green, Blue, Amber, RGB*
Optical system	16°, 25°, 45°, OVAL (20-48°), 110°, 70° (reflector)
Electrical	
Power supply	11-30 VDC/ Remote
Light Output	10W - 800 lumens typical
Physical	
Length	151mm
Width	42mm
Height	42mm
Housing	Powder coated Aluminum, UV protected Polycarbonate
Color	Black matt finish
Accessories	
attachments	Wall mount/ Spike
Environmental	
Operating temp.	-18°C ~ + 40°C/ 0°F ~ +104°F
Storage temp.	-10°C ~ + 60°C / 14°F ~ +140°F
IP Rating	Outdoor - IP67

* Remote only

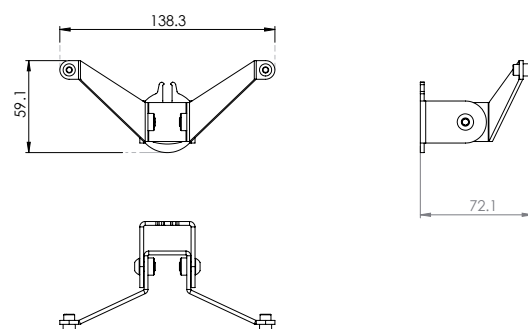


LUMINAIRES

Attachments Spike



Wall Mount



CAPSULE power transmission cable limitations

Cable length [m] No. of capsules	Min. Cable AWG in correspondence to length (L)						Recommended PSU
	5	10	15	20	30	50	
1	18 (0.823)	18 (0.823)	18 (0.823)	18 (0.823)	18 (0.823)	18 (0.823)	15W
2	18 (0.823)	18 (0.823)	18 (0.823)	18 (0.823)	18 (0.823)	18 (0.823)	30W
3	18 (0.823)	18 (0.823)	18 (0.823)	18 (0.823)	18 (0.823)	18 (0.823)	45W
4	18 (0.823)	18 (0.823)	18 (0.823)	18 (0.823)	18 (0.823)	15 (1.65)	60W
5	18 (0.823)	18 (0.823)	18 (0.823)	18 (0.823)	18 (0.823)	15 (1.65)	75W
6	18 (0.823)	18 (0.823)	18 (0.823)	18 (0.823)	18 (0.823)	15 (1.65)	90W
7	18 (0.823)	18 (0.823)	18 (0.823)	18 (0.823)	15 (1.65)	15 (1.65)	100W
8	18 (0.823)	18 (0.823)	18 (0.823)	18 (0.823)	15 (1.65)	13 (2.624)	120W
9	18 (0.823)	18 (0.823)	18 (0.823)	18 (0.823)	15 (1.65)	13 (2.624)	130W
10	18 (0.823)	18 (0.823)	18 (0.823)	15 (1.65)	15 (1.65)	13 (2.624)	145W
11	18 (0.823)	18 (0.823)	18 (0.823)	15 (1.65)	15 (1.65)	13 (2.624)	160W
12	18 (0.823)	18 (0.823)	18 (0.823)	15 (1.65)	15 (1.65)	13 (2.624)	175W
13	18 (0.823)	18 (0.823)	18 (0.823)	15 (1.65)	15 (1.65)	11 (4.172)	190W
14	18 (0.823)	18 (0.823)	15 (1.65)	15 (1.65)	13 (2.624)	11 (4.172)	200W

Notes

The wire cross sections in the table were calculated assuming that maximal power loss on the line is <25% of nominal.

The calculations were made for the following connection structure:

