

Luminaire

- IP66 rated LED marker pole with carbon fiber wand, diffuser and ground spike.
- Exterior rated decorative marker light. Ideal for subtle vegetation illumination, way finding or use in large scale dynamic scenery schemes.
- Housing Precision machined from 70 - 90% recycled aluminum.
- Ground spike mounted.
- Precision machined from 70 - 90% recycled aluminum.
- Frosted diffuser for soft glow effect, or Clear diffuser for 'twinkle' effect.
- 95+ CRI, multiple CCTs available.

Height

- 12 = 11.8" (300mm)
- 20 = 19.7" (500mm)
- 30 = 29.5" (750mm)
- 40 = 39.4" (1000mm)

Mounting

- GS = Ground Spike

Power<sup>1</sup>

- 1.4 = 1.4W (137lm initial at 500mA, 2.85Vf)

CCT (95+ CRI)<sup>2</sup>

- 927 = 2700K
- 930 = 3000K
- 935 = 3500K
- 940 = 4000K

Beam

- DF = Diffused
- CL = Clear

Finish

- CA = Clear Anodized
- CB = Classic Bronze 34
- BL = Matte Black, RAL9005
- CF = Custom finish, specify RAL

Remote Driver<sup>3</sup>


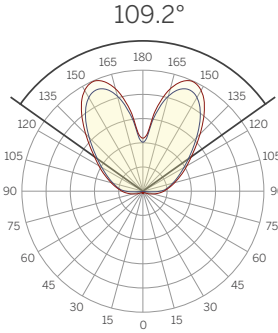

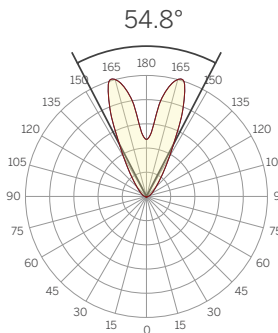
- ECO30W-500 = 0-10V EldoLED ECOdrive 30W for 1-10 fixtures
- SOLO50W-500 = 0-10V EldoLED SOLOdrive 50W for 1-20 fixtures
- SOLO100W-500 = 0-10V EldoLED SOLOdrive 100W for 1-40 fixtures

1. Wattage shown is for LED only, system wattage varies depending on driver selected.  
2. See photometric data sheet for delivered lumens.  
3. See driver information for details.

Ordering Information							
MS-FIR		GS	1.4				
Model	Height	Mounting	Power <sup>1</sup>	CRI/CCT <sup>2</sup>	Beam	Finish	+ Driver <sup>3</sup>
MS-FIR	12 20 30 40	GS	1.4	927 930 935 940	DF CL	CA CB BL CF	ECO30W-500 SOLO50W-500 SOLO100W-500

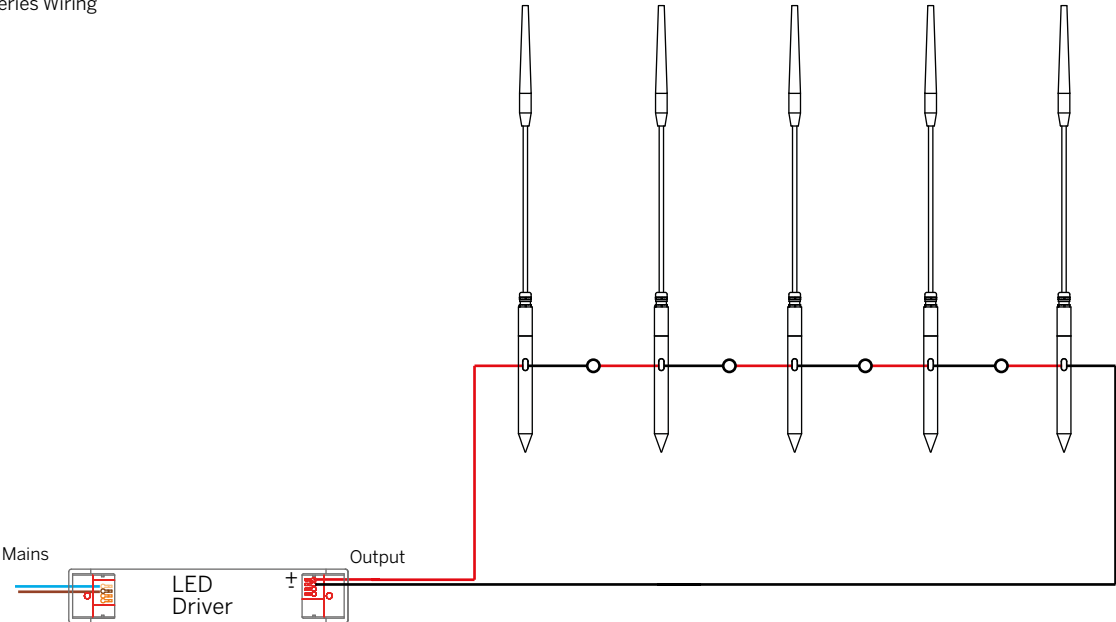


Photometry

Fitting	Polar diagram	LED	Supply	Power	Delivered output
 Diffused acrylic		95 CRI, 3000K	Constant Current 500mA	1.4W	74.9lm
 Clear acrylic		95 CRI, 3000K	Constant Current 500mA	1.4W	96.3lm

Wiring

Series Wiring



Note that while constant current light sources can be wired in series, the number of fittings that can be wired in series is limited by the forward voltage and wattage of the LED.

Each Firefly is supplied with 1 x Star LEDs which have a total forward voltage of 2.85V and wattage of 1.4W when driven at 500mA.

IP68 connectors recommended. Driver specified separately.

## BUG Report

<b>BUG rating:</b>	<b>B0 U3 G0</b>	
<b>Forward light</b>	Lumens	Lumens %
Low(0-30):	0.1	0.2%
Medium(30-60):	0.4	0.6%
High(60-80):	1	1.3%
Very high(80-90):	1.3	1.8%
<b>Back light</b>		
Low(0-30):	0.1	0.2%
Medium(30-60):	0.4	0.6%
High(60-80):	1	1.3%
Very high(80-90):	1.3	1.8%
<b>Uplight</b>		
Low(90-100):	4.8	6.5%
High(100-180):	64.3	85.9%

