

Low carbon, energy saving LED lighting delivers a host of advantages over traditional lighting technologies and can make a major contribution to reducing the operating costs of street lighting.

Marlin 1000 offers up to 70% reduction in carbon and in energy consumption while delivering, over its lifetime, levels of light comparable to those of traditional street lights.

Marlin 1000 is a high performance S4-S6 class luminaire which boasts a highly robust construction that is more resistant to impact, vibration and vandalism than traditional street lights.

Recommended mounting height-	5m—8m
Suggested uses—	Road schemes S4, S5 and S6 car parks / amenity lighting

Technical Specification

- Designed and manufactured in the UK
- G1 compliant as post top at 0° as side entry
- Available in 8 wattages
66w, 60w, 55w, 50w, 45w, 40w, 35w, 30w
- LED lighting platform utilising direct and indirect optics
- 25 year body and chip set Guarantee
- Lumen depreciation:
 - L80% - 120,000 hrs
 - L70% - 150,000 hrs
- Driver life expectancy > 100,000 hrs MTBF
- Colour temperature: 6000K with CRI-75
- Input Voltage: 100—230 VAC +/- 10%
- Full aluminium construction
 - Casting—RAL7035 (light grey) MI43E Interpon 610 (BS6496: 1984)
 - Main Body: Natural anodize AA10 to BS EN 12373-1: 2001
 - Sides—Colour changeable (standard RAL7035)
- Bowl - Moulded Acrylic
- IP 65 rated
- Windage : 0.07m²
- Weight : 10.0 kg
- EN 60598/2/3
- Photometry produced and verified by BSI
- Options : NEMA socket or Mini cell
 - Integral or remote gear
 - Post Top or Side Entry



Marlin 1000 Installation



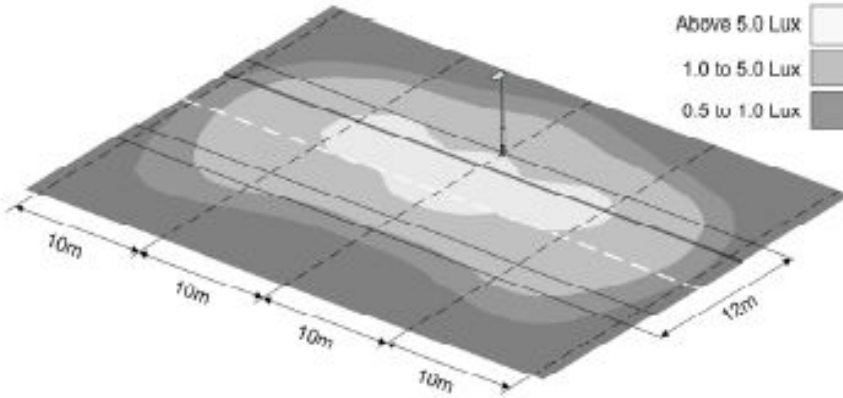
Before – 70W Son Installation
90 circuit Watts per lantern



After – 55W Marlin Installation
55 circuit Watts per lantern

Marlin 1000 Technical Data Sheet

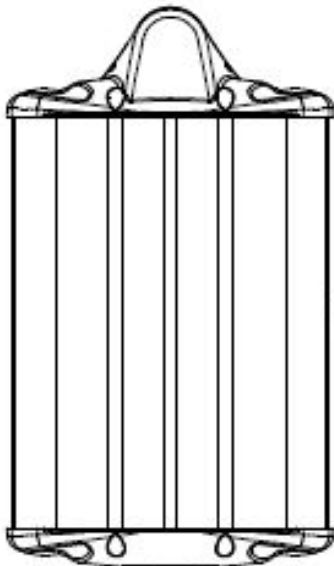
Isolux Diagram



Typical S4 Performance Using Marlin 66W @ 6m MF 0.75

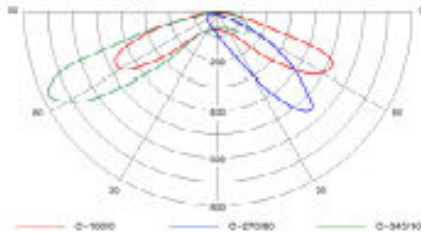
Total Circuit Wattage (W)	Colour Temp (K)	Road Width (m)	Max (SS) Spacing (m)	Min (SS) Spacing (m)	Working Window (m)
66 Oct W	6000K	8	38	26	12
66 Oct W	6000K	9	36	25	11
66 Oct W	6000K	10	35	24	11
66 Oct W	6000K	11	33	23	10
66 Oct W	6000K	12	31	21	10

Dimensions

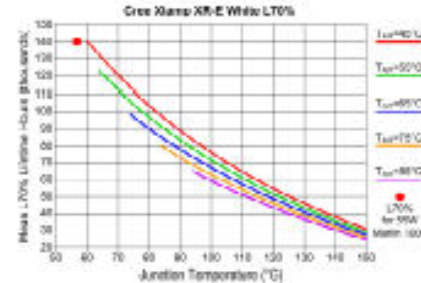


670mm

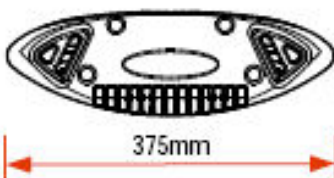
Polar Diagram



LED Lifetime Prediction



Plan View



375mm

115mm

End View

Options	
Wattage	30/35/40/45/50/55/60/66
Integral Gear	IG
Remote Gear	RG
Nema Socket	NEMA
Mini Cell	MINI
Post Top	PT
Side Entry	SE
(Side Entry pre wired to required length in flex/twin-earth)	



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