

High Power LED Spot-Light



Benefits

The Cyclops-1200 is a brand-new concept in white spot lighting, designed around the high-power Bridgelux LED arrays.

A single beam of light with a specifically designed reflector optic provides up to an amazing 1200 lumens of white light (cool white) and uses as little as 25% of the electrical energy as a conventional light source. This not only saves money in the long run, but also helps to cut down on carbon emissions.

The unit is IP68 rated and so is suitable for any indoor or outdoor lighting project. It is supplied with a suitable driver and is designed to be easy to install.

- Reduces energy consumption by 70% and slashes carbon footprint
- 50,000 hours use or 15 years based on a 10 hour burning day.
- 13.5w Total load.

Features

Wattage	13.5 Watt 19.3 Watt
Lumen Output	1200 Lumens @ 1050mA
Input Power	210 Volts - 240 Volts
Efficacy	75 Lum/Watt
Color Temperature (CCT)	3100k to 6500k
Color Rendering Index (CRI)	75
Beam Spread	12-16-25 Degrees
Rated Life	50,000 Hrs
LEDs	Brigelux array
Housing	Machined Aluminium
Housing	Vandal proof toughened glass face
Mounting Options	Adjustable Mounting Bracket
Dimensions	100mm Dia x 90mm
Power Supply	1050mA
Warranty	2 Years
Environment	IP68

CYCLOPS-1200

Applications

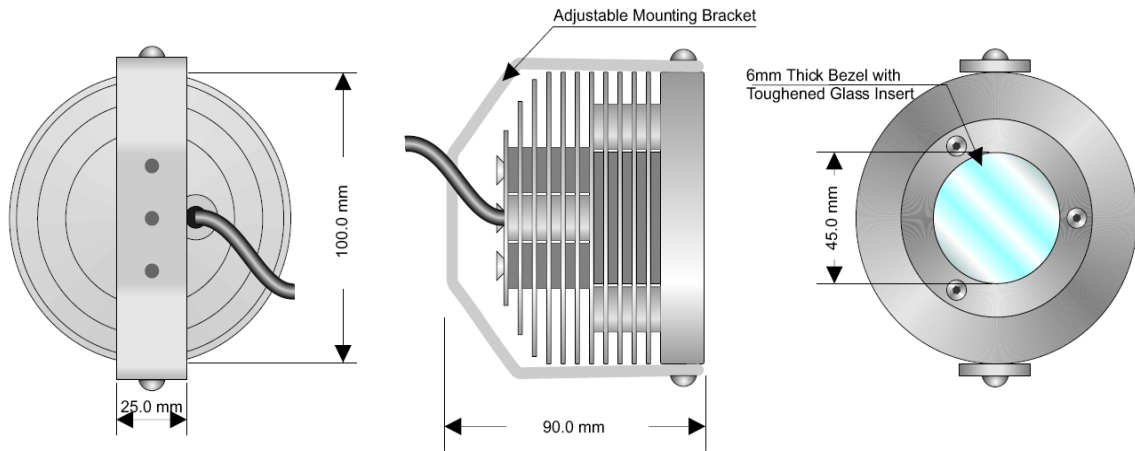
- Retail Lighting
- Restaurants, Bars and Hotels
- Architectural Lighting
- Display Lighting
- Flood Lighting

CYCLOPS-1200

Weights & Thermal Data

Lamp Type	Weight (kg)	Minimum Operating Temp (-10°C)	Maximum Ambient Temp (+40°C)
LED	1.1kGS		

PROFILE DIMENSIONS



Lighting Performance

Model	Light Source	LED Qty	Lumen Output	Expected Lifetime
Cool White	Bridgelux Array	1	1200 @ 1050mA	50,000hrs +
Neutral White	Bridgelux Array	1	1380 @ 1050mA	50,000hrs +
Warm White	Bridgelux Array	1	1230 @ 1050mA	50,000hrs +

Efficacy

Model	Drive Current	Lumen Output	Lumens Per Watt
Cool White	1050mA	1200 lm	75 lm/W
Neutral White	1050mA	1380 lm	61 lm/W
Warm White	1050mA	1230 lm	55 lm/W

Order Details

Description Code	Beam Angle 12 - 16 - 25 Degs			LED Colour Option		
	N	M	W	CW	N/W	W/W
Cyclops-1200						
ED55-CYCLOPS-12	*			*		
Example Order(*) ED55-CYCLOPS-12-N-C/W						

We reserve the right to make changes at any time in order to maintain the highest product quality.

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CYCLOPS-1200 REV-A DEC-2010

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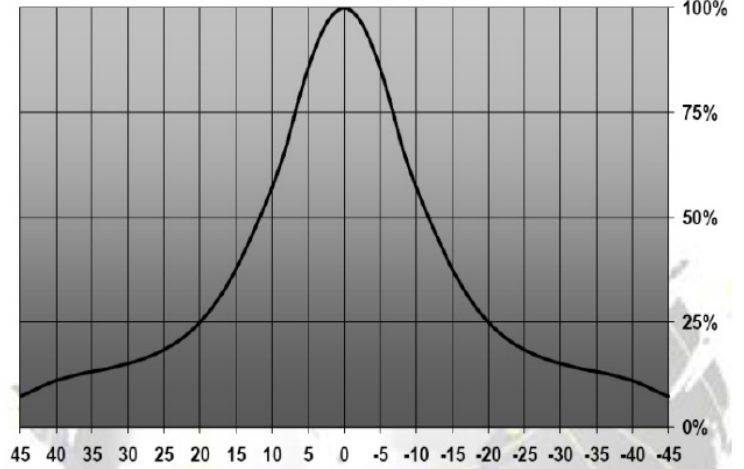
CYCLOPS-1200

PHOTOMETRICS-RELATIVE INTENSITY

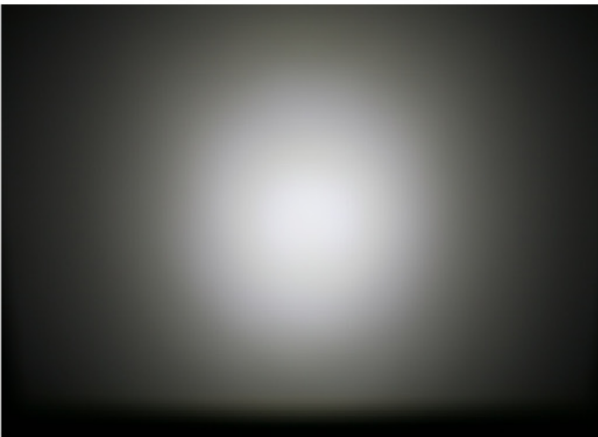
Spread Pattern - Spot Optic (24°)



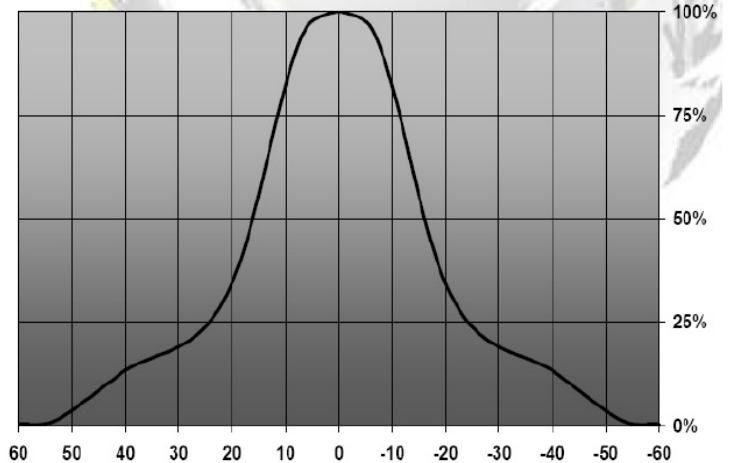
Relative Intensity - Spot Optic (24°)



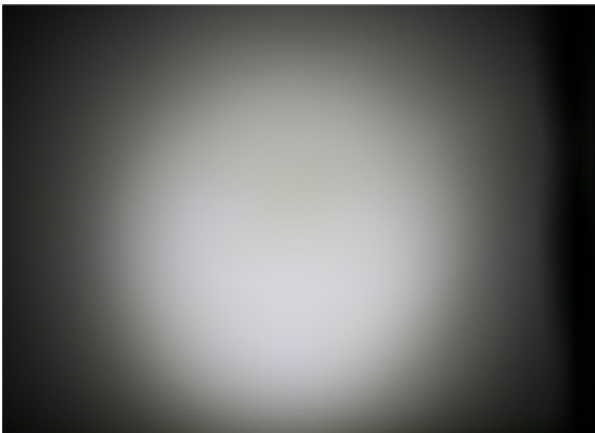
Spread Pattern - Medium Optic (32°)



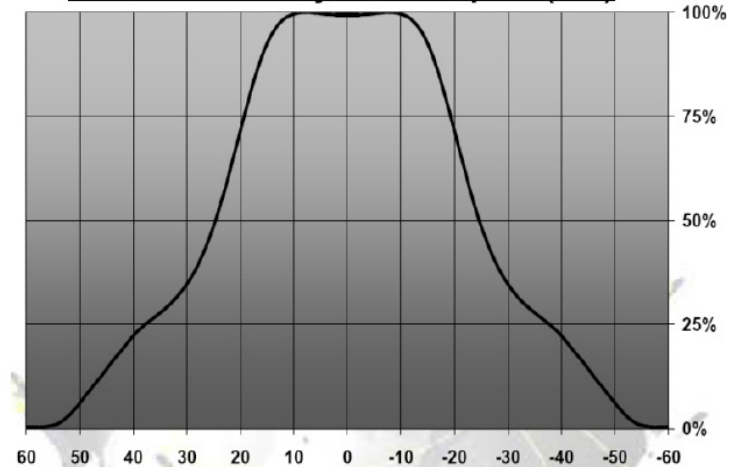
Relative Intensity - Medium Optic (32°)



Spread Pattern - Wide Optic (50°)



Relative Intensity - Wide Optic (50°)



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