



Olympus

High Bay Luminaire

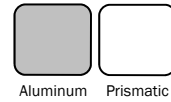
The labour & energy saving Olympus high bay luminaire is ideally suited to high and inaccessible high use applications in new builds, refurbishments or retrofit in office, retail or warehouse environments. The Olympus is an energy efficient and zero maintenance light fitting which is in many applications a superior replacement for Metal Halide & SON high bay fittings. Tailoring of the photometry for each individual project results in excellent utilisation of light. A higher CRI >86 with no UV offers a better quality of light.

Dimmable, instant on and tolerant to repeated switching with no warm up or re-strike delays improves functionality. These unique features are combined with optional integrated lux and occupancy sensors to further reduce operating costs and eliminate the need for secondary lighting during warm up time. A lifetime in excess of 80,000 hours (L70) eliminates maintenance for over 5 years. The features culminate in a superior illumination product that demonstrates excellent performance, cost reduction and functionality in high and inaccessible projects.

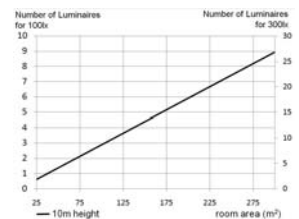
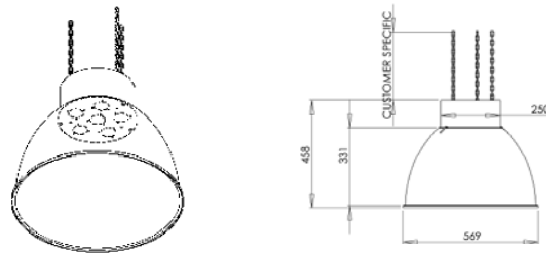
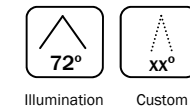
Product Features

- A maintenance free high bay luminaire tailored for best performance per project
- 50,000 hours maintenance free operational life (L70) at high ambient temperatures up to 55 °C, 80,000 hrs at 25°C.
- High CRI >86 at 4000K
- Colour temperatures of 3000K, 4000K and 6500K
- Exceeds UK Part L1 and L2 – 46 and 56 Luminaire Lumens per Circuit Watt
- Photometry tailored for best utilization of light in individual project
- Dimmable, with optional integrated lux and presence sensor
- Remote Control set up and operation
- Instant on—no warm up delay or strike time
- Emergency lighting options available
- 5 year guarantee
- Made in the UK

Reflector Cup

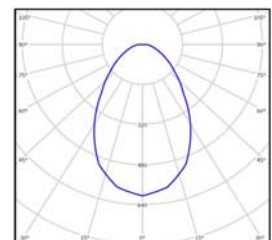


Beam Angle



Olympus (Performance of 42 LED module driven at 1000mA)	
Luminaire Wattage (excludes mains driver)	60W
Illuminance comparable to	>150W SON >250W Metal Halide
LED output— Minimum Illuminance 3000K/4000K/6500K	4615lumens/4615lumens/5308lumens
Luminaire output—Minimum Illuminance 3000K/4000K/6500K (Light Output Ratio LOR)	3600lumens/3600lumens/4140lumens (78%)

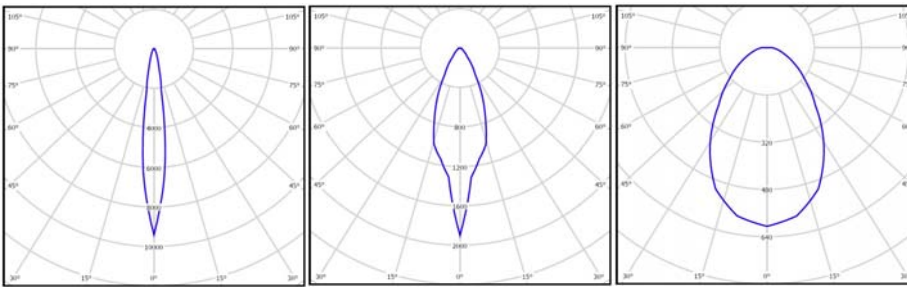
Beam 70°



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Photometry



Lux			
H (m)	D (m)	E _{max}	E _{min}
2	0.48	8472	4202
4	0.95	2118	1050
6	1.42	941	467
8	1.91	530	263

14° Beam Angle

Lux			
H (m)	D (m)	E _{max}	E _{min}
2	1.16	1711	761
4	2.32	428	190
6	3.49	190	85
8	4.65	107	48

32° Beam Angle

Lux			
H (m)	D (m)	E _{max}	E _{min}
2	2.94	545	143
4	5.88	136	36
6	8.81	61	16
8	11.75	34	9

72° Beam Angle



PhotonStar Luminaires are Developed and Tested to the Highest Standards

Compliant with ANSI C78.377-2008 – Chromaticity and binning standard

Compliant with IESNA LM-79 – Luminaire testing standard

Compliant with IESNA LM-80 – LED lifetime standard

Compliant with BS EN60598 – Luminaire safety Standard

Photometry – .IES files are available upon request

Ambient Operating Temperature

L70 (lifetime to 70% lumen maintenance) is 45,000 Hrs at 45°C ambient temperature for the 60W unit

Product Options and Ordering

	Power	Colour Temperature	Beam Angle	Reflector Cup code
CSO	60W	3000K	72° 32° 14° or C (Custom)	P
		4000K		(Prismatic)
		Or		Or
		6500K		A
				(Aluminium)

Example An order for a CSO-60W-4000K-C-P-LUXRF would provide an Olympus 60W, in neutral white (4000K), tailored photometry, prismatic reflector cup and an optional lux level sensor

Custom Photometry

Each unit is tailored to meet individual project requirements to most effectively utilise emitted light. Orders should be accompanied by drawings which will be used to calculate the photometry.

Options

Integrated Sensors

LUXRF—Lux Level Sensors—preset lux level sensors combined with unit off or dimming function. Levels set with remote control for easy installation

OCCRF—Occupancy Sensor (Integrated) - Operating within cone. Luminaire illuminates immediately.

Emergency Packs

EMPKCCOR—Integrated change over relay for use with central battery systems

EMPKCCS-60W—Integrated emergency Pack for certain applications

Decorative

Coloured LED adds colour to prismatic reflector cup such as Red Green or Blue or colour change

Contact

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