



# Ultra Energy Efficient



# Lumiqs<sup>TM</sup>

Intelligent, Sensor Controlled LED Lighting for Warehouse & Factory Installations



Lumiqs™ believe that your lighting should provide maximum performance coupled with maximum efficiency, but with a minimum of fuss and complexity. Our systems are designed to be installed and commissioned quickly, to operate intelligently and seamlessly, and to deliver long-term benefits.



# Lumiqs™ Intelligent Lighting Systems

## What is Intelligent Lighting?

Lumiqs™ Intelligent Lighting systems are designed to provide light only when & where it is needed, and furthermore at only the minimum level of brightness required. When correctly configured, both of these factors can drive significant energy savings, particularly in locations with infrequent occupancy.

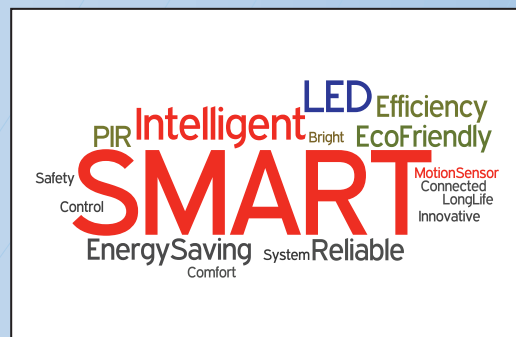
All products feature an integrated PIR motion sensor to detect the presence of a human beings, forklift trucks etc. When movement is detected the LED light will immediately illuminate. Neighbouring light units can simultaneously illuminate at a dimmed level to provide further convenience, comfort and safety.

Where no motion is detected the lighting can be switched completely off, or set to remain on at a dimmed level, thus providing a comfortable level of constant illumination whilst still yielding significant energy savings.

Intelligent Lighting Systems from Lumiqs offer integrated, out-of-the-box solutions which are suitable for almost all commercial and industrial lighting needs, from warehousing and cold storage, to manufacturing and retail.

## Seamless networking

Each Lumiqs™ product features a built-in RF (radio frequency) transceiver, allowing it to communicate wirelessly with neighbouring units to form an intelligent lighting network. The network is easily configured upon installation using the remote control handset. No computer, complicated software (or lighting consultant) required!



# Lumiqs™



# LED Highbay

Part No. LHT0419



## Suitable for:

- Warehouse, manufacturing, cold storage and large retail applications.
- Mounting heights of 6 metres and upwards.
- Wide area, aisle, crossroad or T-junction illumination requirements.

## Key features & benefits:

- Super bright LED's provide excellent output, permitting one-to-one replacement of existing HID/fluorescent lighting.
- Rotatable LED light bars allow for easy conversion from wide area > aisle > crossroad > T-junction configuration.
- Easily configured & adjusted via IR remote control handset.
- Integral high-specification PIR sensor automatically illuminates the LED light when motion is detected.
- Intelligent lighting network with dimmer and 'neighbour' feature to enhance user comfort and safety.
- Gripple™ suspension system included for fast and secure installation.

## QUICK INFO

**180W**  
**23500 lm**  
**130lm/W**  
**CCT 4000k**  
**CRI >80**  
**PFC ≥ 0.94**  
**L70 60k hrs**

Wide Area



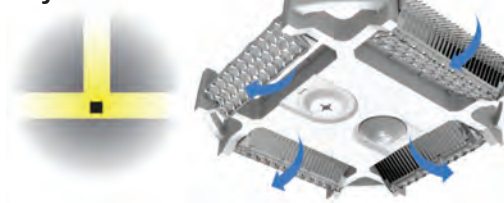
Aisle



Crossroad



T-junction





# LED Midbay

Part No. MBL/13/50/W



## Suitable for:

- Warehouse, manufacturing and small/medium retail applications.
- Mounting heights of 4 metres and upwards.
- General wide area illumination.

## Key features & benefits:

- Super bright LED's provide excellent output, permitting one-to-one replacement of existing HID/fluorescent lighting.
- Easily configured & adjusted via IR remote control handset.
- Integral high-specification PIR sensor automatically illuminates the LED light when motion is detected.
- Intelligent lighting network with dimmer and 'neighbour' feature to enhance user comfort and safety.
- Unique dust cover design with 'chimney effect' to optimise heat dissipation and dust resistance (self cleaning).
- E40 lampholder or ceiling mount options available.
- Steel wire safety tether included.

## QUICK INFO

**125W**

**13500 lm**

**108 lm/W**

**CCT 5000k**

**CRI >80**

**PFC ≥ 0.96**

**L70 35k hrs**

## Mounting Options



E39 Retro-fit



E40 Lampholder



Ceiling Mount

# Technical Specifications

## LED Highbay

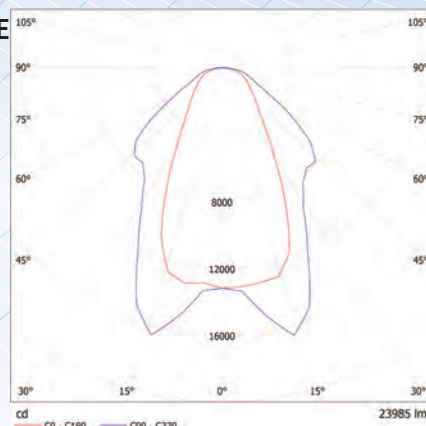
Part No. LHT0419

Remote Control LHT0329

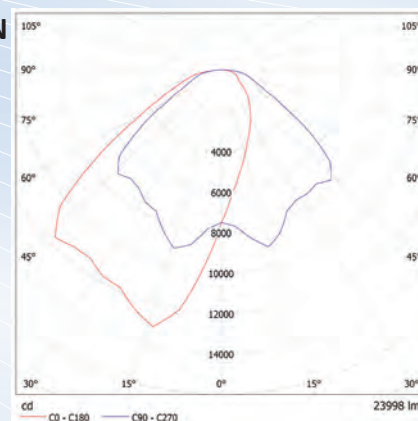


Rated Voltage (V)	220 - 240 Vac 50/60 Hz
Power Consumption	230vac : 180W (typ)
Driver Efficiency	230vac : 90% (typ) +/-5%
Power Factor Correction	230vac : $\geq 0.94$
Standby (W)	< 0.5W
Power Supply type	Isolated electronic switching power
Open Circuit Protection	yes
Short Circuit Protection	yes
Thermal Protection	yes
LED Type	4 x SILQ 32pc COB
Beam Angle	50° (textured)
Typical Driving Current (mA)	550mA (Typical)
Luminous flux (@Ta=25° thermal stable)	23,500 lm
Lamp efficacy (lm/W)	130 lm/W (typ.)
CRI	80 (min.)
Color Temperature CCT	4000K
Operating temperature (°C)	-40°C to +45°C
Protection rating	VAC IP65    VDC IP44
Protection Class	Class II
Installation	Two-point suspension via Gripple™ Y-fit suspension kit (included)
Product dimensions (mm)	477 (l) x 477 (w) x 87 (h) mm
Weight	5.6 Kg

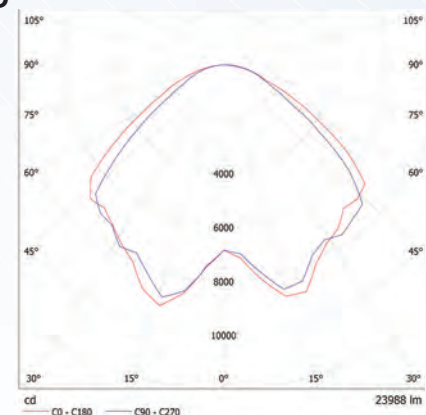
**AISLE**



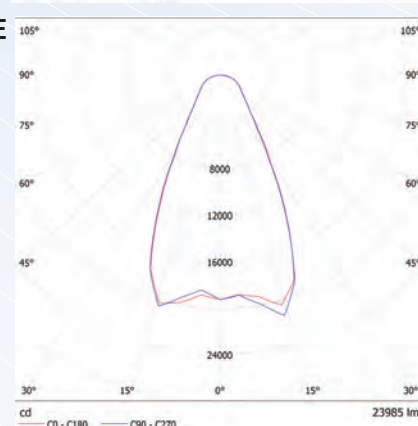
**T JUNCTION**



**CROSSROAD**



**WIDE**





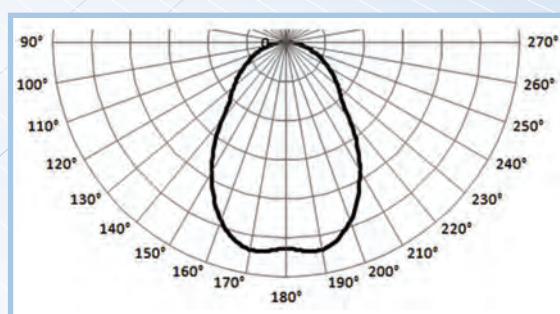
# Technical Specifications

## LED Midbay

Part No. MBL/13/50/W



Rated Voltage (V)	200 - 240 Vac 50/60 Hz
Power Consumption	230vac : 125W (typ)
Driver Efficiency	230vac : 90% (typ)
Power Factor Correction	230vac : $\geq 0.96$
Standby (W)	< 0.5W
Power Supply type	Electronic switching
Open Circuit Protection	yes
Short Circuit Protection	yes
Thermal Protection	yes
LED Type	LumiLeds LUXEON 3535L mid power LED
Beam Angle	90° – 92°
Typical Driving Current (mA)	90mA (Typical)
Luminous flux (@Ta=25° thermal stable)	13,500 lm
Lamp efficacy (lm/W)	108 lm/W (typ.)
CRI	80 (min.)
Color Temperature CCT	5000K
Operating temperature (°C)	-10° C to +45° C
Protection rating	IP20
Protection Class	Class II
Installation	E39/E40 retro-fit, ceiling mount or suspended
Product dimensions (mm)	321 (diameter) x 272 (h) mm
Weight	2.3 Kg



Zonal Lumen Summary		
Zone	Lumens	Luminaire
0-30	5078	38%
0-40	7530	56%
0-60	11151	83%
0-90	13500	100%
0-180	13500	100%

Height	Lux Value (lx)		Cone Diagram	Beam Width
	Max	Edge		
4 meter	428	106		6.2 meter
6 meter	190	47		9.3 meter
8 meter	107	26		12.5 meter
10 meter	68	17		15.6 meter



All data, dimensions and specifications shown are indicative and subject to change without prior notice.

**Distributed by: Simx Limited**

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PUB1374 Iss02 10/16