

# LUMiLiFe

## S16281 100W ESSENTIAL UFO HIGH BAY LIGHT

### HB-100D-ESS-5700K

The LUMiLiFe 100 Watt LED High Bay features a Samsung SMD chip and a Flicker Free LiFud driver encased within an IP65 rated die-cast aluminium body for an enduring build-quality suited to industrial environments.

You can replace a 250W Metal Halide model and enjoy energy savings of up to 63%, while maintenance costs are also significantly reduced thanks to a high thermal efficiency aluminium heatsink that leads to a low operating temperature and greater heat dissipation - giving this unit an impressive minimum 50,000hr life expectancy.

At the top of this product there is a Potentiometer feature which can be used to reduce the output current/power by 25%, thus also reducing the light/Lumen output by 25%.

**Important:** if the lower output option is preferred; it's suggested that the installer should adjust the Potentiometer by using an insulated 2mm head Stanley screw driver. Turn the screwdriver either counter/clockwise until locked (do not force beyond the locked position).

There are multiple add-ons available to choose from for a truly tailored lighting solution. For example, you can increase energy savings with Microwave or Daylight sensors, which operate the luminaire when motion or a lack of daylight is detected. Furthermore, the additional adjustable installation bracket allows for a more flexible approach to installation – particularly in challenging areas and locations where suspension is not possible.

### 5 Year Warranty

This LUMiLiFe LED product comes with a 5 Year Warranty.

### Technical information

Model	Wattage	CCT	Lumen Output (150W)	Lumens per Watt	Material	Unit weight
HB-100D-ESS-5700K	100W-80W-60W	5700K	17000L +/- 10%	170	Die-Cast Aluminium	1.9kg + 0.5

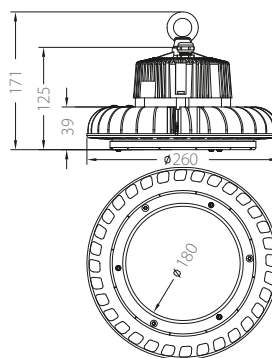
### Common attributes

Wattage	100W - 80W - 60W
Power Factor	>0.9
Voltage	AC 100-240V
Beam Angle	120°
IP Rating	IP65
Impact Protection Rating	IK08
CRI	>70 Ra
Dimmable	Yes (0-10V)
Sensor brand	Merrytek
Driver brand	LiFud
Operating temperature	- 30 ~ 50°C
Warranty	5 Years
Lifespan	L <sub>70</sub> >50,000 Hours at 35°C
Frequency	50/60Hz

**100W**

REPLACES  
**250W**

17000  
**LUMENS**



This product contains a light source of energy efficiency class C

#### \*Traditional Lighting

250W IP65 Metal Halide  
2 kWh per day  
10,000 Hrs Lifespan  
0.22p Total electricity cost per day  
£57 Total electricity cost per year

#### \*LED Lighting

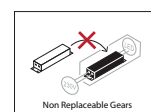
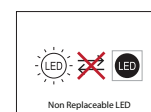
100W IP65 LED High Bay  
0.80 kWh per day  
50,000 Hrs Lifespan  
0.09p Total electricity cost per day  
£23 Total electricity cost per year

**£825 energy cost savings over the expected lifespan per luminaire**



LUMiLiFe is constantly developing and improving its products. For this reason, all product descriptions are intended as a general guide and we may change specifications time to time in the interest of product development, without prior notification or public announcement. Data in this sheet has been obtained in controlled experimental conditions. However, LUMiLiFe cannot accept any liability arising from the reliance on such data to the extent permitted by law.

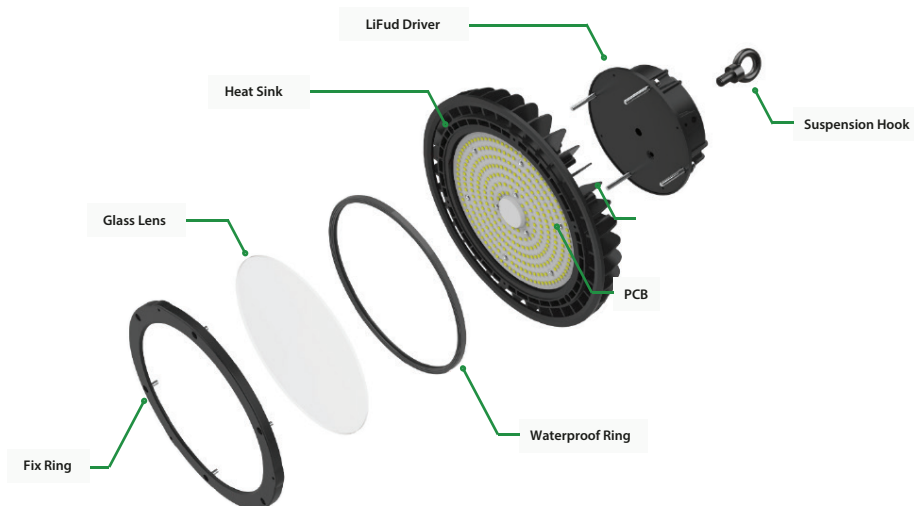
*\*Savings calculated with 8 hours' average daily usage for 260 days per year at a cost of £0.11 per kw/hour per luminaire.*



Designed for  
LUMiLiFe Great Britain



## Diagram



## Optional Add-ons



IP65 Microwave & Daylight Sensor  
(Junction Box Included)



Daylight Sensor



Motion Sensor



Daylight + Motion Sensor



## Reflector Options



60° Aluminium Reflector



90° Aluminium Reflector



70° Clear PC Reflector

## Installation Options

