

CLUSTERLITE

The Megaman® **CLUSTERLITE** produces formidable illumination with exceptional high lumen maintenance, making it the perfect substitute for metal halide and mercury tungsten blended lamps.

With various wattages for you to choose from, the **CLUSTERLITE** series caters for various commercial and industrial applications with a menu of advantages.

Applications

Shopping Malls, public area lighting, car parks and amenity lighting.

Gatwick Airport North Terminal

The change from the existing HID lamps to Megaman's 200w Clusterlite at Gatwick Airport's North Terminal, has helped to significantly reduce energy consumption and maintenance costs.

Megaman worked closely with BAA's energy consultant Adrian Laycock to carry out a thorough energy survey of lighting throughout the building resulting in a 33% saving in energy consumption.





HC01040i



40W INTEGRATED BALLAST Clusterlite

Order Code	Lamp Base	Diameter (mm)	Length (mm)	Weight (g)	Colour Temp (K) / CRI
821040	ES/E27	63	166	257	3000 / 84
807143	ES/E27	63	166	257	4000 / 82

40 watt

2680 lm



15,000 hours

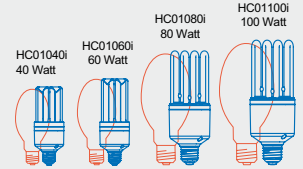


Standard Pack
1 (12)



Size Comparison

CLUSTERLITE® Vs. Metal Halide



■ CLUSTERLITE®
■ Metal Halide



HC01060i



60W INTEGRATED BALLAST Clusterlite

Order Code	Lamp Base	Diameter (mm)	Length (mm)	Weight (g)	Colour Temp (K) / CRI
821060	ES/E27	63	188	315	3000 / 84
808140	ES/E27	63	188	315	4000 / 82

60 watt

4000 lm



15,000 hours

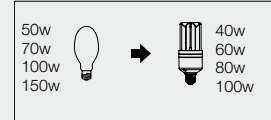


Standard Pack
1 (12)



Comparison with equivalent lamp type

Metal Halide Clusterlite



80W INTEGRATED BALLAST Clusterlite

Order Code	Lamp Base	Diameter (mm)	Length (mm)	Weight (g)	Colour Temp (K) / CRI
872378	GES/E40	80	256	563	3000 / 84
871691	GES/E40	80	256	563	4000 / 82

80 watt

5400 lm



15,000 hours



Standard Pack
1 (12)



Please refer to our commercial catalogue for full product information.



HC01080i



100W INTEGRATED BALLAST Clusterlite

Order Code	Lamp Base	Diameter (mm)	Length (mm)	Weight (g)	Colour Temp (K) / CRI
874611	GES/E40	80	279	588	3000 / 84
879981	GES/E40	80	279	588	4000 / 82
NEW! 876243	GES/E40	80	279	588	6500 / 80

100 watt

6700 lm



6365 lm



15,000 hours



Standard Pack
1 (12)



HC01100i





HC01200X

200W CLUSTERLITE
(External Power Supply required)

Order Code	Lamp Base	Diameter (mm)	Length (mm)	Weight (g)	Colour Temp (K) / CRI
821230	GES/E40	90	268	676	3000 / 84
821200	GES/E40	90	268	676	4000 / 82
876802	GES/E40	90	268	676	6500 / 80



200 watt **14400** lm **15,000** hours **Standard Pack 1 (12)**

Comparison with equivalent lamp type

Metal Halide	Clusterlite
250W	200w



CP010200

POWER SUPPLY

Order Code	Main Voltage	Power Factor	Push-in Terminals	Energy Efficiency Index	Protection Class	Ext. Wire	Fixing Bracket for Screws	Weight (g)	Dimension
841200	220~240V	0.98	1.0mm ² 2.0mm ²	A2	II	18AW GX2C	M4	720	175 x103 x59

200 watt **50,000** hours **Standard Pack 1 (12)**

Product Features

- Instant restart capability with rapid start-up time achieved within 120 seconds.
- High colour rendering index of Ra 82.
- Excellent colour uniformity with minimal colour shift of only +/-100K.
- Available in a range of colour temperatures from 3000K to 6500K.
- Rated lamp life of 15,000 hours.
- Engineered with patented cooling-tube to guarantee over 76% lumen maintenance throughout lamp life.
- Effective operation in temperature range from -40°C to +80°C.
- Optimum operating position is base up
- Instant restart capability with rapid start-up time achieved within 120 seconds.
- Cluster-type lamp tube design allows continuous illumination upon partial failure of lamp tubes
- Suitable for use with lighting controls - microwave and photocell sensors to save further energy.

