

# RefLED+ MR16 V2

RefLED+ MR16 380Lm V2 Dim 840 40d SL

0027210



## Range Features

- 85% energy saving.
- Wide choice of lumen packages.
- 7W offering up to 380Lm equivalent to 35W Halogen MR16.
- 7.5W offering up to 480Lm equivalent to 42W Halogen MR16.
- Uses the latest COB chip technology for a halogen look and feel.
- Available in different colour temperatures 2700K Homelight, 3000K.
- Warm White and 4000K Cool White.
- High efficacy up to 64Lm/W.
- Compatible with approved electronic transformers\*.
- Dimmable on approved dimmers\*.
- 25000 hours average rated life.
- 3 Year Warranty.



## PRODUCT OVERVIEW

Lamp finish	White
Lamp shape	MR16
Colour temperature (K)	4000
CRI (Ra)	80
Dimmable	Yes
EAN code	5410288272108
Energy class	A
Equivalent watt (W)	37
Cap/Base	GU5.3
Beam angle(°)	40
Type	RefLED+ MR16 V2
Watt (Nominal) (W)	7
Light colour	840 Cool White
Ordering number	0027210
Efficacy (Rated) (lm/w)	54.2857142857143
Average life (Rated) (h)	25000
Luminous flux (Rated) (lm)	380
Technology	LED
Voltage (V)	12
Colour consistency (SDCM)	6

## DATA TABLE

### General data

Average life (Nominal) (h)	25000
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Control gear required	Yes
Lamp finish	White
Lamp shape	MR16
Control gear availability	No
Dimmable	Yes
EAN code	5410288272108
Energy class	A
General application	Retail; Hospitality; Museums; Residential & Consumer
Intended purpose	General lighting
Cap/Base	GU5.3
Lamp mercury content (mg)	0
Type	RefLED+ MR16 V2
No. of switching cycles before premature failure (min)	12500
Optimal operating condition (°C)	25
Ordering number	0027210
Range features	<p>85% energy saving.  Wide choice of lumen packages.  7W offering up to 380Lm equivalent to 35W Halogen MR16.  7.5W offering up to 480Lm equivalent to 42W Halogen MR16.  Uses the latest COB chip technology for a halogen look and feel.  Available in different colour temperatures 2700K Homelight, 3000K.  Warm White and 4000K Cool White.  High efficacy up to 64Lm/W.  Compatible with approved electronic transformers*.  Dimmable on approved dimmers*.  25000 hours average rated life.  3 Year Warranty.</p>
Product name	RefLED+ MR16 380Lm V2 Dim 840 40d SL
Average life (Rated) (h)	25000
Special purpose lamp	No
Starting time (max) (s)	<0,5
Technology	LED
Transformer required	No
Warm-up time to 60% of full light (max) (s)	< 1s => 60%
Product features	<p>RefLED+ ES50 COB Dimmable delivers a robust, long life solution to replacing halogen GU10 with LED offering 380lm of light equivalent to a 37W halogen lamp while extending lamp life to 25,000 hours. Dimmable on approved dimmers. GU10 cap. 40 degree beam angle in Cool white 4000K. Backed by a 3 year warranty. COB LED Technology offers single point source look of a halogen with crisp, sharp beam control.</p>

## Optical data

Colour temperature (K)	4000
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<b>CRI (Ra)</b>	80
<b>Beam angle(°)</b>	40
<b>Light colour</b>	840 Cool White
<b>Lumen maintenance at end of nominal life (%)</b>	70
<b>Luminous flux (Nominal) (lm)</b>	380
<b>Peak intensity (cd)</b>	950
<b>Luminous flux (Rated) (lm)</b>	380
<b>Suitable for accent lighting</b>	Yes
<b>Beam angle (Rated) (°)</b>	40
<b>Adjustable chromaticity</b>	No
<b>Colour consistency (SDCM)</b>	6

## Electrical data

<b>Current (A)</b>	600
<b>Equivalent watt (W)</b>	37
<b>kWh per 1000 hours burning time</b>	8
<b>Lamp power factor</b>	0.95
<b>Watt (Nominal) (W)</b>	7
<b>Efficacy (Rated) (lm/w)</b>	54.2857142857143
<b>Watt (Rated) (W)</b>	7
<b>Voltage (V)</b>	12

## Physical data

<b>Max. Lamp Diameter (mm) - D</b>	50
<b>Lamp Length (mm) - C/L</b>	46
<b>Lamp dimension equal to filament lamp equivalent</b>	Yes
<b>Designed for optimum use in non standard conditions</b>	No
<b>Fluorescent lamp replacement</b>	No

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