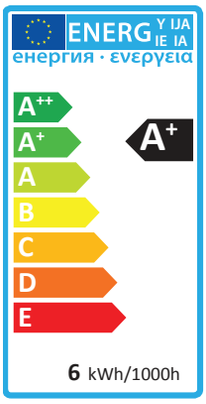
LUMiLiFe

replaces 40W HALOGEN

MR16 LED

6 Watt Spotlight



ø50mm x 45mm

Benefits

- Eco-Friendly. Perfect replacement for 40W halogen spotlights.
- Compatible with all fittings. Easy to install and operate.
- Extra-long lifetime, reducing the hassle of frequent replacements.
- Available in three colour temperatures.

Advantages

- Excellent optical design with halogen look-alike aesthetics.
- Great consistency in colour of light.
- Manufactured to IEC standard dimensions.
- Fully ErP & CE compliant.

IMPORTANT:

MR16 units will only work on a 240v Mains circuit when being powered by a compatible 12v Transformer. Alternatively, the MR16 units can work on a dedicated 12v DC circuit without the requirement of a transformer.

While these units are compatible with the majority of electronic transformers, we cannot guarantee compatibility for all. For optimum efficiency, we advise that you change your existing transformers to LED Drivers to guarantee compatibility and to maximise your perpetual savings. Please contact us for advice or assistance if unsure how to proceed.

Technical information

Model	Wattage	Colour	CCT	Dimmable	ErP Lumens	ErP Wattage equiv.	Lumens per Watt	Current
MR16-6W-36-5000K	6W	Cool White	5000K	NO	430	43 W	71	561mA
MR16-6W-36-4000K	6W	Daylight	4000K	NO	430	43 W	71	561mA
MR16-6W-36-2700K	6W	Warm White	2700K	NO	420	42 W	71	561mA

Common attributes

Voltage	12V
Power Factor	< 0.5
Size	50 x 45 mm
Beam angle	36º
Working temperature	-20ºc ~ 40ºc
Operational Hz	50Hz
Lifespan	25000 hrs
CRI	80
Switch Cycles	40000
Instant on	< 0.06s

Compliance

EN 55015:2013	*Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment*
EN 61547:2009	*Equipment for general lighting purposes. EMC immunity requirements*
EN 61000-3-2:2006+A2:2009	*Electromagnetic compatibility (EMC). Limits. Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)*
EN 61000-3-3:2013	*Electromagnetic compatibility (EMC). Limits. Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection*
EN 62031:2008+A1:2013	*LED modules for general lighting. Safety specifications*
EN 62471:2008	*Photobiological safety of lamps and lamp systems*
EN 62493:2010	*Assessment of lighting equipment related to human exposure to electromagnetic fields*
Eco design requirements of: EC 1194-2012	

Designed for LUMiLife Great Britain

Indoor CE RoHS Compliant ErP

0161 655 0660
www.lumilife.net

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LUMiLiFe

Operation and maintenance

For wiring and circuitry work, always use the services offered by registered, certified electrical professionals.

- Store and use the lamps the same way as traditional lamps.
- Check your fixtures are properly wired and don't deliver voltage spike to lamps causing overheating/failure.
- Ambient temperature range -20 ° C to 40 ° C.
- Lamps should be kept free from contamination.
- Ensure lamp is cool before removing.
- Switch off mains supply before installing/removing lamp.
- Not for use in totally enclosed recessed fixtures, with no ventilation.

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