

LED Energy Smart™ MR16

6W & 7W Replacement for 35W & 50W



DATA SHEET

Product information

The new, extended range of non-dimmable MR16 Lamps offers a fantastic energy saving replacement for 35W and 50W Halogen lamps. Available in four colour temperatures and a smooth heat sink for 35W to suit most professional lighting needs.

Features

- 35W & 50W replacement
- Total Lumens up to 590 lumens
- 25,000 hours life
- 2700K, 3000K, 4000K & 6500K
- 35 degree beam angles

Application areas



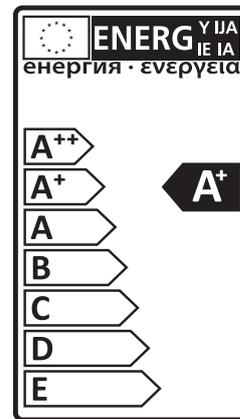
Hospitality



Retail



Home



IEC Standards

- EN 55015: Limits and methods of measurement of radio disturbance characteristics of electrical lighting
- EN 61547: Equipment for general lighting purposed EMC immunity requirements
- EN 61000-3-3: Limitation of voltage fluctuations and flicker in low voltage supply systems (equipment rated current $\leq 16A$)
- EN 61000-3-2: Limits — Limits for harmonic current emissions (equipment input current $k \leq 16 A$ per phase)
- IEC 62471: Photo biological safety of lamps and lamp systems
- IEC 60061: Lamp Caps and holders together with gauges for the control of interchangeability and safety



GE imagination at work

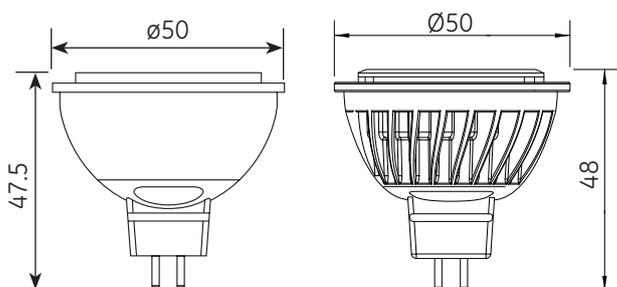
Specification summary

Type	Rated Power [W]	Base	CCT (K)	Total Lumens	DIM2 Lumen	Rated Angle	CBCP	Life L70 (Hrs)	EEC	Energy Consumption (kwh/100h)	Pack Qty	Code
MR16	6	GU5.3	2700	430	400	35	1150	25000	A+	6,00	1/8	84624
MR16	6	GU5.3	3000	460	420	35	1200	25000	A+	6,00	1/8	84627
MR16	6	GU5.3	4000	500	470	35	1300	25000	A+	6,00	1/8	84628
MR16	6,5	GU5.3	6500	500	480	35	1300	25000	A+	6,50	1/8	84630
MR16	7	GU5.3	2700	530	500	35	1400	25000	A+	7,00	1/8	84632
MR16	7	GU5.3	3000	550	510	35	1400	25000	A+	7,00	1/8	84633
MR16	7	GU5.3	4000	590	550	35	1500	25000	A+	7,00	1/8	84634

Common attributes

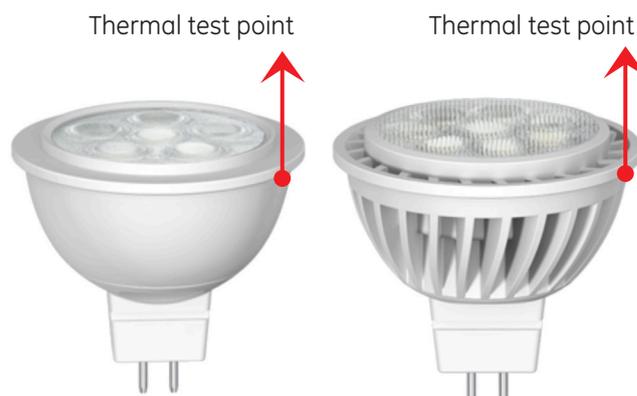
- Colour Rendering Index >80
- Input Voltage 12V
- Warm up time: Instant on
- Switching Cycles: 50,000
- Power factor: >0.85

Dimensions



Maximum T_{hs} recommended

- T_{hs} Max for 6W 96°C, for 7 W 96°C



Operation and maintenance

- 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.
- Good condition of the lamp-holder contacts is important to ensure proper operation of lamp.
- Ensure lamp is cool before removing.
- Switch off mains supply before installing/removing lamp.
- Not for use in totally enclosed recessed fixtures.
- Wide compatibility on existing 12V transformers. Please check our website www.gelighting.com/dimming-led for compatibility list.

GE LED Energy Smart™ MR16 35W & 50W replacements are non-dimmable lamps.