

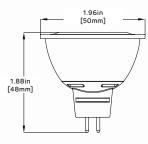


### FEATURES<sup>1</sup>

Equivalent Source	Up to 35/50W
Rated Life	25,000 hours
Housing	Aluminum
Socket	GU 5.3 base
<b>Beam Spread</b> Narrow Flood, Flood	40 <sup>°</sup> , 25 <sup>°</sup>
Operating Temperature	-20°C to +40°C
MOL	1.97 in, 50.03mm
Voltage	12 VAC Only
Power Factor	≥.7
Weight	0.2lbs., 0.09 kg
Warranty	5 year limited

# MR16 Benefits

- Only 6W/8W Requires 70% less power than comparable 35 watt Halogen lamp.
- Maintenance free operation, lasts up to 11 times longer than halogen lighting.
- Optional 40° and 25° beam spreads.
- Available from 2700-5000K CCT.
- Dimmable, compatible with a wide array of AC and magnetic or electronic transformers.



Specifications supplied are nominal. Please refer to the DOE's Lighting Facts Tolerance Guidelines. 1 Values are nominal, advances from further innovation, specifications are subject to change.

Non-compatible transformers may cause stuoboscopic effect due to minimum load requirements of the transformer. This is not a lamp defect. LSG advises to change the transformer.

### ORDERING INFORMATION \\ LS 16 35WE WW NFL S1 BX

Family	Product	Watt Eq	Watt Equivelant		Color (CCT)		Distribution		Family Packaging	
LS Lighting Science	16 MR16	35WE	35W Equivalent	W27	Soft White 2700K	FL	Flood	S1	BX	Box
		50WE	50W Equivalent	WW	Warm White 3000K	NFL	Narrow Flood			
NORTH AMERICAN EN CERTIFICATIONS			ENVIRONMENT							
		D	DAMP							

## **MR16**

### TRANSFORMER CAPABILITIES<sup>1</sup>

#### 35WE:

Hatch: RS12-15M-LED, RS12-30M-LED, RS12-80M, VS12-75W WAC: EN-1260-R-AR ELCO: ET526 PROGRESS: P8560-31 PHILIPS: LED120A0012V10F

### MR16 🖸

	Part Number	Base Type	Wattage	Beam Angle	Lumens	Efficacy	CRI	CBCP
	LS 16 35WE WW NFL S1 BX	5.3	6W	25	350	58	80	1601
	LS 16 35WE WW FL S1 BX	5.3	6W	40	350	58	80	791
N	LS 16 35WE W27 NFL S1 BX	5.3	6W	25	330	55	80	1601
	LS 16 35WE W27 FL S1 BX	5.3	6W	40	330	55	80	791
	LS 16 50WE WW NFL S1 BX	5.3	8W	25	500	63	80	2323
	LS 16 50WE WW FL S1 BX	5.3	8W	40	500	63	80	1147
	LS 16 50WE W27 NFL S1 BX	5.3	8W	25	470	59	80	2323
	LS 16 50WE W27 FL S1 BX	5.3	8W	40	470	59	80	1147

NFL: Narrow Flood NW: Neutral White WW: Warm White W27: Soft White 2700K CW: Cool White CBCP: Center Beam Candle Power

50WE: Hatch: RS12-15M-LED, RS12-30M-LED, RS12-80M, WAC: EN-1260-R-AR, EN-1275-R-AR LIGHTECH: LVT-60 JUON: R731BL ELCO: ET526 TRAN: QT10 B+L Technologies: FX95100

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