LightingScience

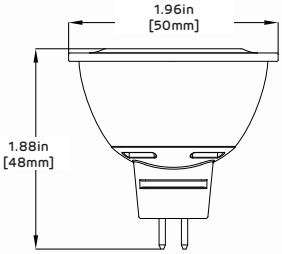
MR16

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.

FEATURES[1]

Equivalent Source	Up to 35/50W
Rated Life	25,000 hours
Housing	Aluminum
Socket	GU 5.3 base
Beam Spread Narrow Flood, Flood	40˚, 25˚
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



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 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 CERTIFICATIONS

RoHS COMPLIANT 2002/95/EC · ETL Intertek · FC

ENVIRONMENT

DAMP

MR16

TRANSFORMER CAPABILITIES[1]

35WE:

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

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

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
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

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