

Type:

Model:

MR16 5 W LED Lamps

SPECIFICATIONS

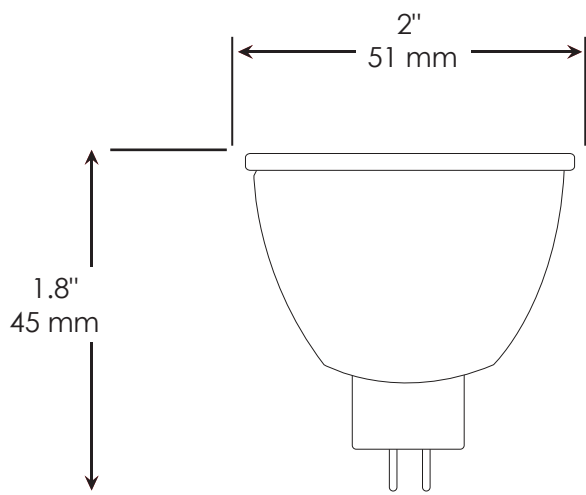
BASE: GU5.3 bi-pin base

VOLTAGE: 12V AC/DC

WATTAGE: 5W

CRI: 85+

WARRANTY: Five years



The 12-volt MR16 5-watt LED lamp is fully dimmable and utilizes Cree chip technology. Warrantied for 5 years, it will last in most applications for more than 50,000 hours. UL approved for enclosed fixtures and damp locations.

MODEL	BEAM SPREAD	COLOR TEMPERATURE	CBCP	LUMENS	EFFICACY	CRI
486785 LED-MR16-5XBD-27K-15°	15°	2700K	1690	300	60 lm/W	85+
486828 LED-MR16-5XBD-WW-15°	15°	3000K	1694	320	62 lm/W	85+
486786 LED-MR16-5XBD-27K-25°	25°	2700K	1084	300	60 lm/W	85+
486831 LED-MR16-5XBD-WW-25°	25°	3000K	1098	320	62 lm/W	85+
486787 LED-MR16-5XBD-27K-40°	40°	2700K	820	300	60 lm/W	85+
486818 LED-MR16-5XBD-WW-40°	40°	3000K	818	320	62 lm/W	85+
486788 LED-MR16-5XBD-27K-60°	60°	2700K	410	300	60 lm/W	85+
486825 LED-MR16-5XBD-WW-60°	60°	3000K	420	320	62 lm/W	85+
486789 LED-MR16-5XBD-27K-100°	100°	2700K	205	300	60 lm/W	85+
486834 LED-MR16-5XBD-WW-100°	100°	3000K	205	320	62 lm/W	85+

Type:

Model:

MR16 7.4 W LED Lamps

SPECIFICATIONS

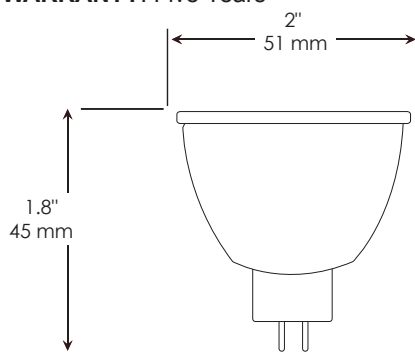
BASE: GU5.3 bi-pin base

VOLTAGE: 12V AC/DC

WATTAGE: 7.4W

AGENCY LISTINGS: UL-approved (E353116) for enclosed fixtures and damp locations

WARRANTY: Five Years



The 12-volt MR16 7.4-watt LED lamp is fully dimmable and utilizes Lumiled chip technology. Warrantied for 5 years, it will last in most applications for more than 50,000 hours. Approved for enclosed fixtures and damp locations..

MODEL	BEAM SPREAD	COLOR TEMP.	CBCP	LUMENS	EFFICACY	CRI
487011 LED-MR16-8L90-27K-25°	25°	2700K	2557	471	64 lm/W	90+
487012 LED-MR16-8L90-3K-25°	25°	3000K	2691	483	65 lm/W	90+
487014 LED-MR16-8L80-4K-25°	25°	4000K	2525	563	76 lm/W	80+
487013 LED-MR16-8L80-5K-25°	25°	5000K	2725	610	82 lm/W	80+
487015 LED-MR16-8L90-27K-40°	40°	2700K	1218	467	63 lm/W	90+
487016 LED-MR16-8L90-3K-40°	40°	3000K	1203	487	65 lm/W	90+
487018 LED-MR16-8L80-4K-40°	40°	4000K	1441	607	82 lm/W	80+
487017 LED-MR16-8L80-5K-40°	40°	5000K	1480	620	84 lm/W	80+
487019 LED-MR16-8L90-27K-60°	60°	2700K	1441	471	64 lm/W	90+
487020 LED-MR16-8L90-3K-60°	60°	3000K	1525	483	65 lm/W	90+
487023 LED-MR16-8L90-27K-100°	100°	2700K		520	73 lm/W	90+
487024 LED-MR16-8L90-3K-100°	100°	3000K		520	73 lm/W	90+



Transformer And Dimmer Compatibility Chart

www.DauerLED.com

Compatible list of transformer for MR16 12V

This MR16 12V led bulb could be used for both systems with a dimmer and without dimmers. Below is the compatible list of transformers for systems **WITHOUT** a dimmer; as well as transformer and dimmer compatibility List - for systems **WITH** a dimmer .

1) For Systems **WITHOUT** a dimmer

Brand	Transformer Model	Input Voltage(VAC/Hz)	Wattage(W)	Type	MR16s per Transformer(no dimmer connected)					
					1	2	3	4	5	6
Advance	71A9743	120VAC, 60Hz	75	MT	G	G	G	G	G	G
	HUA1200600X2L	120VAC, 60Hz	60	ET	G	G	G	G	G	G
	250LED100W	120VAC, 60Hz	100	ET	G	G	G	G	G	G
	250LED10W	120VAC, 60Hz	10	ET	G	N/A	N/A	N/A	N/A	N/A
	250AT075T	120VAC, 60Hz	75	MT	G	G	G	G	G	G
Hatch	RS12-15M-LED	120VAC, 50-60Hz	15	ET	F	F	G	N/A	N/A	N/A
	PS12-20L	120VAC, 60Hz	20	ET	G	G	G	G	N/A	N/A
	RS12-30M-LED	120VAC, 50-60Hz	30	ET	G	G	G	G	G	G
	RS12-60M	120VAC, 50-60Hz	60	ET	G	G	G	G	G	G
	VS12-60W	120VAC, 50-60Hz	60	ET	G	G	G	G	G	G
	VS12-60WD	120VAC, 50-60Hz	60	ET	G	G	G	G	F	G
	RS12-80M	120VAC, 50-60Hz	80	ET	G	G	G	G	G	G
	RS12-60M-LED	120VAC, 50-60Hz	60	ET	G	G	G	G	G	G
LCI	i60e	230VAC,50-60Hz	60	ET	G	G	G	G	G	G
Lighttech	LET-60***	120VAC, 50-60Hz	60	ET	F	F	F	F	F	F
	LET-75***	120VAC, 50-60Hz	75	ET	F	F	F	F	F	F
Ligo	E12SC50SA	230VAC	50	MT	G	G	G	G	G	G
Lumex	MTR50/12EN-61558	220VAC, 50Hz	50	MT	G	G	G	G	G	G
MDL	319-0103	120VAC, 50-60Hz	10	ET	G	N/A	N/A	N/A	N/A	N/A
Mirano	BLNET-L50C 50W	220VAC, 50Hz	50	ET	G	G	G	G	G	G
Niko	320-00112	230VAC, 50Hz	105	ET	G	G	G	G	G	G
Nobile	EN-60D***	230VAC,50-60Hz	60	ET	G	F	F	F	F	F
	EN60D2***	230VAC,50-60Hz	60	ET	F	F	G	F	F	F
	EN-70D***	230VAC,50-60Hz	70	ET	F	F	F	G	G	G
	EN-80D	230VAC,50-60Hz	80	ET	G	G	G	G	G	G
	EN-80D2***	230VAC,50-60Hz	80	ET	G	G	G	G	F	F
	EN-110D	230VAC,50-60Hz	110	ET	G	G	G	G	G	G

	EN-110D***	230VAC, 50Hz	110	ET	F	F	F	F	F	F
OSRAM	HTM 150/230-240	230VAC,50-60Hz	150	ET	G	G	G	G	G	G
Phillips	Primaline 105 230-240	230-240VAC,50-60Hz	105	ET	G	G	G	G	G	G
	Xitanium 10W Dimmable	220-240VAC,50-60Hz	10	ET	G	N/A	N/A	N/A	N/A	N/A
Sunrise	H0050-497	120VAC,50-60Hz	50	MT	G	G	G	G	G	G
Tridonic	VIPER 22176074***	230V-240VAC,50-60Hz	105	ET	G	F	G	F	G	F
	VIPER 22176072***	230V-240VAC,50-60Hz	105	ET	G	G	F	F	F	F
VadsBO	SET70RE-1	220-240AC,50Hz	70	ET	G	G	G	G	G	G
Vossloh Schwabe	EST 70/12.380	230V-240VAC,50-60Hz	70	ET	G	G	G	G	G	G
	EST 105/12.381	230V-240VAC,50-60Hz	105	ET	G	G	G	G	G	G
	EST 150/12.622	230V-240VAC,50-60Hz	150	ET	G	G	G	G	G	G
WAC	EN-12100-R-AR	120VAC,50-60Hz	100	ET	G	G	G	G	G	G
Wang	WH-601E2CA-2L	120VAC,60Hz	60	ET	G	G	G	G	G	G
*** Not recommended for use with dimmer.										
Symbol / Description		ET /Electronic Tranformer		MT /Magnetic Transformer				F /Flickers		
		N/A /Exceeds Transformer		G /Good Recommended Power						

1) For Systems **WITH** dimmer

Brand	Tranformer Model	Input Voltage(VAC/Hz)	Power Rating (W)	Type	Number of MR16s per Transformer on a low voltage Dimmer Percent Dimming Range					
					1	2	3	4	5	6
Advance	71A9743	120VAC, 60Hz	75	MT	10-100%	10-100%	10-100%	10-100%	10-100%	10-100%
CHD	HUA1200600K2L	120VAC, 60Hz	60	ET	60-100%	60-100%	F	60-100%	60-100%	60-100%
ELG	250LED100W	120VAC, 60Hz	100	ET	0-100%	0-100%	0-100%	0-100%	0-100%	0-100%
	250LED10W	120VAC, 60Hz	10	ET	0-100%	N/A	N/A	N/A	N/A	N/A
	250AT075T	120VAC, 60Hz	75	MT	10-100%	10-100%	10-100%	10-100%	10-100%	10-100%
Hatch	RS12-15M-LED	120VAC, 50-60Hz	15	ET	0-100%	0-100%	N/A	N/A	N/A	N/A
	PS12-20L	120VAC, 60Hz	20	ET	20-100%	20-100%	20-100%	N/A	N/A	N/A
	RS12-30M-LED	120VAC, 50-60Hz	30	ET	0-100%	0-100%	0-100%	0-100%	N/A	N/A
	RS12-60M	120VAC, 50-60Hz	60	ET	10-100%	10-100%	10-100%	10-100%	10-100%	10-100%
	VS12-60W	120VAC, 50-60Hz	60	ET	20-100%	20-100%	20-100%	20-100%	20-100%	20-100%
	VS12-60WD	120VAC, 50-60Hz	60	ET	30-100%	30-100%	30-100%	30-100%	30-100%	30-100%
	RS12-80M	120VAC, 50-60Hz	80	ET	10-100%	10-100%	10-100%	10-100%	10-100%	10-100%
	RS12-60M-LED	120VAC, 50-60Hz	60	ET	0-100%	0-100%	0-100%	0-100%	0-100%	0-100%

LCI	i60e***	230VAC,50-60Hz	60	ET	F	F	F	F	F	F
Lighttech	LET-60***	120VAC, 50-60Hz	60	ET	F	F	F	F	F	F
	LET-75***	120VAC, 50-60Hz	75	ET	F	F	F	F	F	F
Ligo	E12SC50SA	230VAC	50	MT	0-100%	0-100%	0-100%	0-100%	0-100%	0-100%
Lumex	MTR50/12EN-61558	220VAC, 50Hz	50	MT	0-100%	0-100%	0-100%	0-100%	0-100%	0-100%
MDL	319-0103***	120VAC, 50-60Hz	10	ET	0-100%	F	F	F	F	F
Mirano	BLNET-L50C 50W	220VAC, 50Hz	50	ET	0-50%	0-50%	0-50%	0-60%	0-60%	0-60%
Niko	320-00112***	230VAC, 50Hz	105	ET	0-60%	0-60%	F	F	F	F
Nobile	EN-60D***	230VAC,50-60Hz	60	ET	F	F	F	F	F	F
	EN60D2***	230VAC,50-60Hz	60	ET	F	F	F	F	F	F
	EN-70D***	230VAC,50-60Hz	70	ET	F	F	F	F	F	F
	EN-80D	230VAC,50-60Hz	80	ET	0-50%	0-50%	0-60%	0-70%	0-70%	0-70%
	EN-80D2***	230VAC,50-60Hz	80	ET	F	F	F	F	F	F
	EN-110D	230VAC,50-60Hz	110	ET	30-70%	30-70%	30-70%	30-70%	30-70%	20-70%
	EN-110D***	230VAC, 50Hz	110	ET	F	F	F	F	F	F
OSRAM	HTM 150/230-240	230VAC,50-60Hz	150	ET	30-70%	30-70%	30-70%	30-70%	30-70%	30-70%
Phillips	Primaline 105 230-240	230-240VAC,50-60Hz	105	ET	0-80%	0-80%	0-80%	F	F	F
	Ntanium 10W Dimmable	220-240VAC,50-60Hz	10	ET	0-100%	N/A	N/A	N/A	N/A	N/A
Sunrise	H0050-497	120VAC,50-60Hz	50	MT	20-100%	20-100%	20-100%	20-100%	20-100%	20-100%
Tridonic	VIPER 22176074***	230V-240VAC,50-60Hz	105	ET	F	F	F	F	F	F
	VIPER 22176072***	230V-240VAC,50-60Hz	105	ET	F	F	F	F	F	F
VadsBO	SET70RE-1	220-240AC,50Hz	70	ET	F	F	F	30-70%	30-70%	30-70%
Vossloh Schwabe	EST 70/12.380***	230V-240VAC,50-60Hz	70	ET	F	F	F	F	F	F
	EST 105/12.381***	230V-240VAC,50-60Hz	105	ET	F	F	F	F	F	F
	EST 150/12.622***	230V-240VAC,50-60Hz	150	ET	F	F	F	F	F	F
WAC	EN-12100-R-AR	120VAC,50-60Hz	100	ET	0-100%	0-100%	0-100%	0-100%	0-100%	0-100%
Wang	WH-601E2CA-2L	120VAC,60Hz	60	ET	F	F	20-100%	20-100%	20-100%	20-100%

*** **Not recommended for use with dimmer.**

Symbol / Description	ET /Electronic Tranformer	MT /Magnetic Transformer
	F /Flickers	N/A /Exceeds Transformer Recommended Power

120V magnetic transformers tested using Lutron DVLV-600P dimmers

230V magnetic transformers tested using Lutron NTLV-600-277 dimmers

120V magnetic transformers tested using Lutron SELVB-300P dimmers

230V magnetic transformers tested using Lutron Everfourish EF0700DC dimmers

Recommended Dimmer List for LED-PAR30 Dimmable PAR30 12W

Manufacturer	Brand	Model	Type	Max# of Lamps / Dimmer	Dimming Range
Lutron	Skylark	S-600P-WH	Leading	6	10-100%
Lutron	Lyneo	LXLV-600PL-WH	Leading	4	10-100%
Lutron		DVCL-153P	Leading	15	10-100%
Lutron		NT-603P-WH	Leading	6	10-100%
Lutron	Mastreo	MAELV-600-WH	Trailing	36	10-100%
Lutron	Diva	DVELV-300P-AL	Trailing	18	10-100%
Lutron		LX-600PL-LA	Leading	6	10-100%
Lutron	RadioRA	RA-6ND-WH	Leading	6	10-100%
Lutron		TT-300NLH-WH	Leading	3	10-100%
Lutron		TGLV-600P	Leading	6	10-100%
Lutron		S-600WH	Leading	6	10-100%
Lutron		1N106	Leading	6	10-100%
Lutron		VZM10-1LZ	Leading	10	10-100%
Lutron		TG-600L	Leading	6	10-100%
Lutron	Skylark	SELV-300P	Trailing	18	10-100%
Lutron		S-603PG	Leading	6	10-100%
Lutron		VZE04	Trailing	24	10-100%
Lutron		LXELV-600PL	Trailing	36	10-100%

Recommended Dimmer List for LED-PAR38 Dimmable PAR38 17W

Manufacturer	Brand	Model	Type	Max# of Lamps / Dimmer	Dimming Range
Lutron	Skylark	S-600P-WH	Leading	6	10-100%
Lutron	Lyneo	LXLV-600PL-WH	Leading	6	10-100%
Lutron		DVCL-153P	Leading	6	10-100%
Lutron		NT-603P-WH	Leading	6	10-100%
Lutron	Mastreo	MAELV-600-WH	Trailing	6	10-100%
Lutron	Diva	DVELV-300P-AL	Trailing	6	10-100%
Lutron		LX-600PL-LA	Leading	4	10-100%
Lutron	RadioRA	RA-6ND-WH	Leading	1	10-100%
Lutron		TT-300NLH-WH	Leading	6	10-100%
Lutron		S-600WH	Leading	6	10-100%
Lutron		1N106	Leading	4	10-100%
Lutron		VZM10-1LZ	Leading	6	10-100%
Lutron		TG-600L	Leading	5	10-100%
Lutron	Skylark	SELV-300P	Trailing	6	10-100%
Lutron		S-603PG	Leading	6	10-100%
Lutron		VZE04	Trailing	6	10-100%
Lutron		LXELV-600PL	Trailing	6	10-100%