12V & 120V LED LAMPS

Proven LED performance, superior savings and a broad range of options for landscape lighting systems

KICHLER

12v & 120v LED LAMPS

Proven LED performance, superior savings and a broad range of options for landscape lighting systems

We've taken everything we know about LED technology and created a new line of lamps that help you save money without sacrificing performance.

Designed to fit landscape, outdoor, and security lighting fixtures for both 12v and 120v-277v systems. Kichler® LED lamps offer superior cost savings in terms of energy used and total cost of ownership.

You'll also find an exceptional variety of lamp options so you can create the lighting look you want. And, because they're from Kichler, you are assured that the lamps will perform and last.

MR16 Bi-Pin


PAR20
WET


S8 Wedge

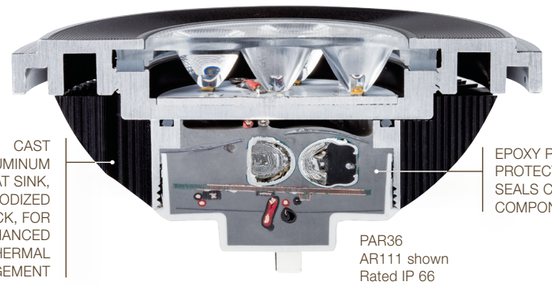

PAR36
AR111


PAR30
WET

PROVEN PERFORMANCE

All Kichler LED lamps are designed, tested and listed for use in outdoor environments and are suitable for use in **outdoor wet locations**, and in open or **enclosed** fixtures.

We've **weather coated** and **epoxy potted** the electronics to match the end-use application, assuring **superior durability** for all-weather performance.



30,000 HOUR LIFESPAN

We've given our lamps a warranty to match: **30,000 hours or 6 years** even in an enclosed fixture.

LIMITED WARRANTY 6 YEAR SEE LANDSCAPELIGHTING.COM

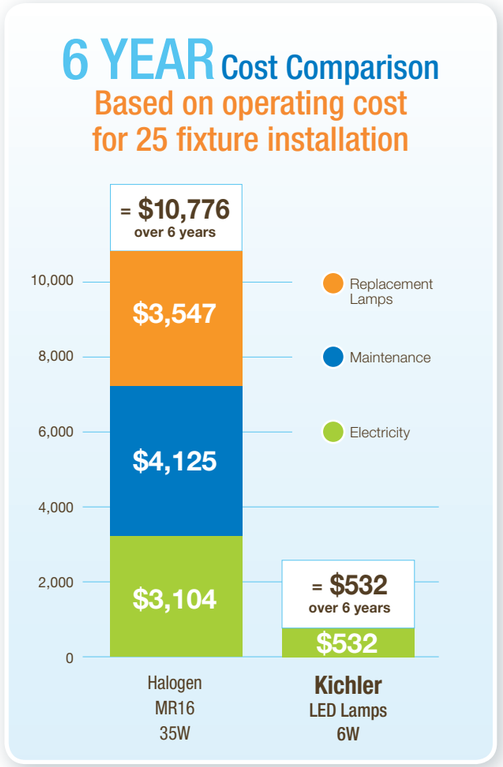
All lamps are listed or certified by UL, ETL, and/or CSA to the appropriate ANSI/standard for both the United States and Canada and have been tested for FCC compliance, assuring they won't interfere with other home electronic devices. So, you don't have to worry about inadvertent interference.

c UL us

FC

SUPERIOR SAVINGS

Kichler® LED lamps can help to **lower the total operating cost** of your existing system, whether you're replacing halogen or other incandescent lamps. You get all of the light needed, while **consuming less wattage**.



They not only use less energy, but also last longer than traditional bulbs, meaning **less maintenance** and **no bulb to replace**. In fact, testing confirms that the lamps will **pay for themselves** in less than two years.

12v & 120v
LED LAMPS

BROAD RANGE OF OPTIONS

When you choose Kichler® LED lamps you don't have to worry about the **voltage**, **beam spread** or **lamp type** your system requires – because **we've got it all**. With many (light output) **lumen options**, you can get the **exact light output you need**.

MR16 Bi-Pin


S8 Wedge

PAR30

Kelvin Temperature Range

Plus, our range of Kelvin **color temperature choices** helps you **customize** the color of the light to **your application**.

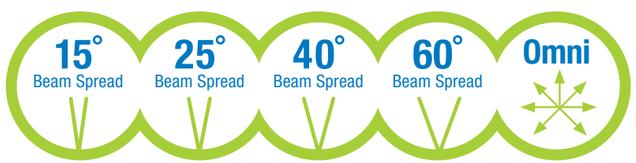

Warm White
2700K


Pure White
3000K


Cool White
4200K

Beam Spread Options

We also offer lamps for a variety of **fixture types** and **beam spread choices** from **narrow spot** to **wide flood**. Beam spread options vary between 12v and 120v lamps.



12v FEATURES

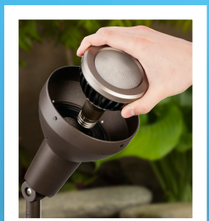
- Potted and/or coated electronics protect against moisture
- Generates consistent light output for systems with an operating range from 9V to 15V with no loss in light output because of constant current driver designs
- Designed and listed for outdoor use in enclosed fixtures or wet locations
- Cast aluminum heat sink, anodized black, for increased thermal management
- Integrated, high output Cree®* LEDs tightly binned for high CRI, color uniformity and color quality
- 30,000 hour life in an enclosed fixture
- FCC compliance ensures no interference with other electronic devices
- High total lumens and lumens per watt (efficacy)
- Custom optics deliver center-to-edge beam uniformity

LIMITED WARRANTY 6 YEAR SEE LANDSCAPELIGHTING.COM

120v FEATURES

- Potted and/or coated electronics protect against moisture
- Operating range from 120V to 277V
- Standard versions designed and listed for use in an enclosed fixture
- Wet location versions designed and listed for use in an enclosed or open fixture
- Cast aluminum heat sink, anodized black, for increased thermal management
- Integrated driver and transformer with high output Cree®* LEDs tightly binned for high CRI, color uniformity and color quality
- 30,000 hour life in an enclosed fixture
- FCC compliance ensures no interference with other electronic devices
- High total lumens and lumens per watt (efficacy)
- Custom optics deliver center-to-edge beam uniformity

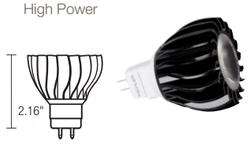
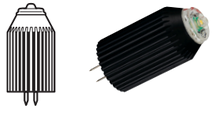
LIMITED WARRANTY 6 YEAR SEE LANDSCAPELIGHTING.COM



* Cree is a registered trademark of Cree, Inc.

12V LED LAMPS

15° Beam Spread | 25° Beam Spread | 40° Beam Spread | 60° Beam Spread | Omni

Base / Lamp Type	Watts / Lumens	Kelvin Temperature	Beam Angle			
			15° Spot	25° Wide Spot	40° Flood	60° Wide Flood
MR16 Bi-Pin Medium Power 	4W, 5.2VA* 240-280Lm Compares up to 20-25W Halogen	2700K - Warm White	18000	18003	18006	18009
		3000K - Pure White	18001	18004	18007	18010
		4200K - Cool White	18002	18005	18008	18011
			22° Spot	**38° Flood**	**60° Wide Flood**	
MR16 Bi-Pin High Power 	6W, 9VA* 400-460Lm Compares up to 35-40W Halogen	2700K - Warm White	18012	18015	18018	
		3000K - Pure White	18013	18016	18019	
		4200K - Cool White	18014	18017	18020	
			15° Spot	**25° Wide Spot**	**40° Flood**	
PAR36/AR111 Wet Location 	11W, 14.9VA* 540-660Lm Compares up to 50W Halogen	2700K - Warm White	18021	18024	18027	
		3000K - Pure White	18022	18025	18028	
		4200K - Cool White	18023	18026	18029	
			300° Omni-directional			
S8 Wedge 	2W, 2.8VA* 85-110Lm Compares up to 18.5W Krypton	2700K - Warm White	18036			
		3000K - Pure White	18037			
		4200K - Cool White	18038			
			300° Omni-directional			
T5 Wedge 	2W, 2.8VA* 85-110Lm Compares up to 16W Xenon	2700K - Warm White	18039			
		3000K - Pure White	18040			
		4200K - Cool White	18041			
			300° Omni-directional			
G4/T3 Bi-Pin 	2W, 2.8VA* 85-110Lm Compares up to 20W Halogen	2700K - Warm White	18042			
		3000K - Pure White	18043			
		4200K - Cool White	18044			

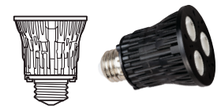
* Multiply fixture VA by the number of fixtures used to determine size of transformer.

Stated lumens are for bare lamp only. Using lamp in enclosed fixtures can result in up to 40-50% loss in lumen output based on test data.

All lamps are listed or certified by UL, ETL, and/or CSA to the appropriate ANSI/standard for both the United States and Canada and have tested for FCC compliance, assuring they won't interfere with other home electronic devices. So, you don't have to worry about inadvertent interference.

120V-277V LED LAMPS

15° Beam Spread | 25° Beam Spread | 40° Beam Spread | 60° Beam Spread

Base / Lamp Type	Watts/Lumens	Kelvin Temperature	Beam Angle			
			15° Spot	25° Wide Spot	40° Flood	60° Wide Flood
PAR20 - Standard** 	7W 330-400Lm Compares up to 35W Halogen	2700K - Warm White	18045	18048	18051	18054
		3000K - Pure White	18046	18049	18052	18055
		4200K - Cool White	18047	18050	18053	18056
			15° Spot	**25° Wide Spot**	**40° Flood**	**60° Wide Flood**
PAR30 - Standard** 	12W 650-750Lm Compares up to 50W Halogen	2700K - Warm White	18057	18060	18063	18066
		3000K - Pure White	18058	18061	18064	18067
		4200K - Cool White	18059	18062	18065	18068
			15° Spot	**25° Wide Spot**	**40° Flood**	**60° Wide Flood**
PAR30 - Standard** Longneck 	12W 650-750Lm Compares up to 50W Halogen	2700K - Warm White	18099	18102	18105	18108
		3000K - Pure White	18100	18103	18106	18109
		4200K - Cool White	18101	18104	18107	18110
			15° Spot	**25° Wide Spot**	**40° Flood**	**60° Wide Flood**
PAR38 - Standard** 	17W 800-900Lm Compares up to 75W Halogen	2700K - Warm White	18069	18072	18075	18078
		3000K - Pure White	18070	18073	18076	18079
		4200K - Cool White	18071	18074	18077	18080
			25° Wide Spot		**40° Flood**	
PAR20 - Wet*** Location 	7W 310-350Lm Compares up to 35W Halogen	2700K - Warm White	18081		18084	
		3000K - Pure White	18082		18085	
		4200K - Cool White	18083		18086	
			25° Wide Spot		**40° Flood**	
PAR30 - Wet*** Location 	12W 580-640Lm Compares up to 50W Halogen	2700K - Warm White	18087		18090	
		3000K - Pure White	18088		18091	
		4200K - Cool White	18089		18092	
			25° Wide Spot		**40° Flood**	
PAR30 - Wet*** Location Longneck 	12W 580-640Lm Compares up to 50W Halogen	2700K - Warm White	18111		18114	
		3000K - Pure White	18112		18115	
		4200K - Cool White	18113		18116	
			25° Wide Spot		**40° Flood**	
PAR38 - Wet*** Location 	17W 800-900Lm Compares up to 75W Halogen	2700K - Warm White	18093		18096	
		3000K - Pure White	18094		18097	
		4200K - Cool White	18095		18098	

** Standard versions designed and listed for use in an enclosed fixture.

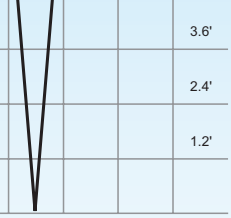
*** Wet location versions designed and listed for use in an enclosed or open fixture.

Stated lumens are for bare lamp only. Using lamp in enclosed fixtures can result in up to 40-50% loss in lumen output based on test data.

12V PHOTOMETRICS

CBCP = 1771
MR16 4W 2700K 15°
18000

HEIGHT		DIAMETER
16.5'	6.5 fc	6.0'
13'	10.1 fc	4.8'
10'	18.1 fc	3.6'
6.5'	41.1 fc	2.4'
3.5'	164.6 fc	1.2'

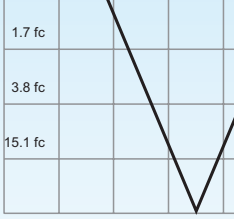


CBCP = 488
MR16 4W 2700K 40°
18006

HEIGHT		DIAMETER
16.5'	1.3 fc	11.9'
13'	2.0 fc	9.5'
10'	3.6 fc	7.1'
6.5'	8.0 fc	4.8'
3.5'	32.0 fc	2.4'

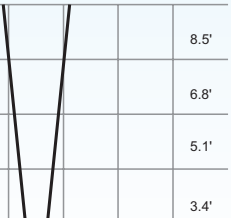
CBCP = 178
MR16 4W 2700K 60°
18009

HEIGHT		DIAMETER
16.5'	0.57 fc	21.5'
13'	0.95 fc	17.2'
10'	1.7 fc	12.8'
6.5'	3.8 fc	8.6'
3.5'	15.1 fc	4.3'



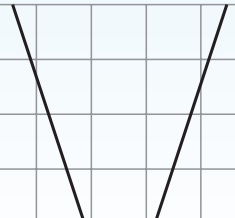
CBCP = 953
MR16 6W 2700K 22°
18012

HEIGHT		DIAMETER
16.5'	2.4 fc	8.5'
13'	3.7 fc	6.8'
10'	6.6 fc	5.1'
6.5'	14.9 fc	3.4'
3.5'	59.5 fc	1.7'



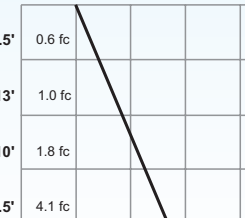
CBCP = 552
MR16 6W 2700K 38°
18015

HEIGHT		DIAMETER
16.5'	2.1 fc	12.0'
13'	3.2 fc	9.6'
10'	5.7 fc	7.2'
6.5'	12.8 fc	4.8'
3.5'	51.3 fc	2.4'



CBCP = 294
MR16 6W 2700K 60°
18018

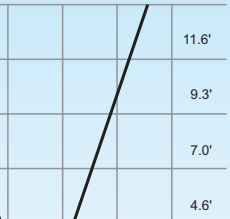
HEIGHT		DIAMETER
16.5'	0.6 fc	17.5'
13'	1.0 fc	14.0'
10'	1.8 fc	10.5'
6.5'	4.1 fc	7.0'
3.5'	16.2 fc	3.5'



120V-277V PHOTMETRICS

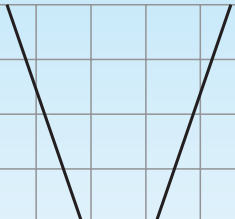
CBCP = 634
PAR 20 7W 2700K 40°
18051

HEIGHT		DIAMETER
16.5'	1.5 fc	11.6'
13'	2.3 fc	9.3'
10'	4.2 fc	7.0'
6.5'	9.4 fc	4.6'
3.5'	39.6 fc	2.3'



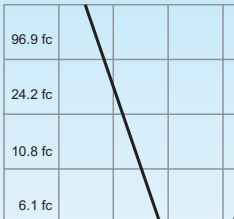
CBCP = 1168
PAR 30 13W 2700K 40°
18063

HEIGHT		DIAMETER
16.5'	69.3 fc	11.4'
13'	17.2 fc	9.1'
10'	7.7 fc	6.8'
6.5'	4.3 fc	4.6'
3.5'	2.8 fc	2.3'



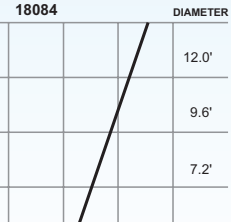
CBCP = 1607
PAR 38 17W 2700K 40°
18075

HEIGHT		DIAMETER
16.5'	96.9 fc	11.8'
13'	24.2 fc	9.4'
10'	10.8 fc	7.1'
6.5'	6.1 fc	4.7'
3.5'	3.9 fc	2.4'



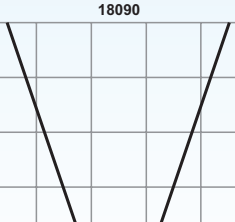
CBCP = 553
PAR 20 7W 2700K 40°
18084

HEIGHT		DIAMETER
16.5'	32.6 fc	12.0'
13'	8.2 fc	9.6'
10'	3.6 fc	7.2'
6.5'	2.0 fc	4.8'
3.5'	1.3 fc	2.4'



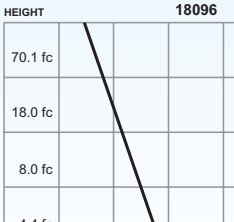
CBCP = 921
PAR 30 13W 2700K 40°
18090

HEIGHT		DIAMETER
16.5'	57.0 fc	12.3'
13'	14.3 fc	9.8'
10'	6.3 fc	7.4'
6.5'	3.6 fc	5.0'
3.5'	2.3 fc	2.5'



CBCP = 1207
PAR 38 17W 2700K 40°
18096

HEIGHT		DIAMETER
16.5'	70.1 fc	12.3'
13'	18.0 fc	10.0'
10'	8.0 fc	7.4'
6.5'	4.4 fc	5.0'
3.5'	3.0 fc	2.5'



* The curves idicate the illuminated area and the average illumination when the luminaire is at different distance. For additional photometrics, visit landscapelighting.com

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