



## LED Lamp Guide





## Look.

Ecological responsibility does not mean you have to sacrifice aesthetics. The Acculamp® LED Lamp was developed with the architect and lighting designer in mind. Attractive reflectors produce efficient indirect lighting that maintains the visual appearance of traditional sources.

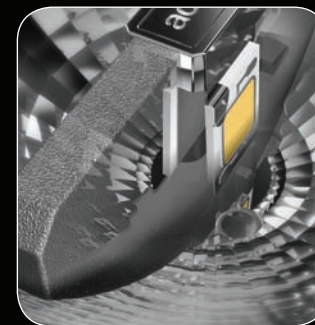
## Performance.

Advanced technology drives high-performing products. The Acculamp® LED Lamp is designed with the patented Thermal Conductive Highway™ technology for consistent color control, optimal light output and maximum energy efficiencies.



### Thermal Conductive Highway (TCH)

Acculamp's patented Thermal Conductive Highway (TCH) effectively pushes heat away from the ceramic Chip on Board (COB) LED packages to provide extra protection. In addition, the efficient thermal management keeps the LEDs and electronic driver cool to ensure a long and stable life.



### Mounting Chips Back-to-Back

Acculamp's unique Chip on Board (COB) design allows for back to back vertically mounted LEDs. This patented design prevents color shifting and produces brilliant and directional light.



### Optical Design & Color







Ceramic COBs inherently prevents unwanted shifts in color. Unlike metal backed boards, the stability of the ceramic base prevents impurities from detaching from the board and attaching onto the phosphor coating.



Acculamp® offers a wide range of Kelvin temperature options. In addition, High R9 options are available for applications that require true red and saturated color renderings.



ACCULAMP® LED LAMPS PRODUCT REFERENCE GUIDE

The following product guide provides easy reference for Acculamp® LED lamps including features and traditional lamp replacement.

	BASE TYPE	BEAM ANGLE	WATTS	LUMENS	CBCP	VOLTAGE	EFFICACY	CRI	EXPECTED LIFE	ENERGY STAR	REPLACES
MR 16											
ALSMR16 140L M60	GU5.3	24	4.0	140	650	12	35	82	50,000	X	20W
ALSMR16 140L 40K M60	GU5.3	24	4.0	140	650	12	35	85	50,000	X	20W
ALSMR16 240L M60	GU5.3	24	6.0	240	1300	12	40	82	50,000		35W
ALSMR16 240L 40K M60	GU5.3	24	6.0	240	1300	12	40	85	50,000		35W
ALSMR16 240L 36 M60	GU5.3	36	6.0	240	650	12	40	82	50,000		35W
ALSMR16 240L 36 40K M60	GU5.3	36	6.0	240	650	12	40	85	50,000		35W
ALSMR16 400L 36 40K DIM M60	GU5.3	36	8.0	400	800	12	50	85	50,000	May 2013	50W
ALSMR16 400L 36 DIM M60	GU5.3	36	8.0	400	800	12	50	82	50,000	May 2013	50W
ALSMR16 400L 40K DIM M60	GU5.3	24	8.0	400	1600	12	50	85	50,000	May 2013	50W
ALSMR16 400L DIM M60	GU5.3	24	8.0	400	1600	12	50	82	50,000	May 2013	50W
PAR 16											
ALSP16 320L M60	GU10	35	7.0	320	700	110-120	45.71	82	50,000		35W
ALSP16 320L 40K M60	GU10	35	7.0	320	700	110-120	45.71	85	50,000		35W
PAR 20											
ALSP20 480L DIM M60	E26	30	8.0	480	1400	110-120	60	82	50,000	X	50W
ALSP20 480L 40K DIM M60	E26	30	8.0	480	1400	110-120	60	85	50,000	X	50W
ALSP20 530L 45 DIM M60	E26	45	8.0	530	650	110-120	66.25	82	50,000	X	50W
ALSP20 530L 45 40K DIM M60	E26	45	8.0	530	650	110-120	66.25	85	50,000	X	50W
PAR 30											
ALSP30 530L DIM M24	E26	25	15.0	530	3200	110-120	35.33	82	50,000		75W
ALSP30 530L 40K DIM M24	E26	25	15.0	530	3200	110-120	35.33	85	50,000		75W
PAR 30S											
ALSP30S 500L DIM M24	E26	25	11	500	2000	110-120	50	82	50,000	X	60W
ALSP30S 500L 40K DIM M24	E26	25	11	500	2000	110-120	50	85	50,000	X	60W
GX 53											
ALSGX53 350L 30 M60	GX53	30	5.0	350	850	110-120	70	82	50,000		n/a
ALSGX53 350L 30 40K M60	GX53	30	5.0	350	850	110-120	70	85	50,000		n/a
ALSGX53 350L 60 M60	GX53	60	5.0	350	350	110-120	70	82	50,000		n/a
ALSGX53 350L 60 40K M60	GX53	60	5.0	350	350	110-120	70	85	50,000		n/a

	BASE TYPE	BEAM ANGLE	WATTS	LUMENS	CBCP	VOLTAGE	EFFICACY	CRI	EXPECTED LIFE	ENERGY STAR	REPLACES
PAR 38											
ALSP38 900L R9 M24	E26	25	20.0	900	5000	110-120	45	94/ R9: ≥ 75	50,000	X	50W
ALSP38 900L 40K R9 M24	E26	25	20.0	900	5000	110-120	45	94/ R9: ≥ 75	50,000	X	50W
ALSP38 1200L DIM M24	E26	25	20.0	1200	6800	110-120	60	82	50,000	X	90W
ALSP38 1200L 40K DIM M24	E26	25	20.0	1200	6800	110-120	60	85	50,000	X	90W
ALSP38 1200L 45 DIM M24	E26	45	20.0	1200	2200	110-120	60	82	50,000	X	90W
ALSP38 1200L 45 40K DIM M24	E26	45	20.0	1200	2200	110-120	60	85	50,000	X	90W
ALSP38 2000L 40K DIM M24	E26	25	25	2000	9000	110-120	80	85	50,000		150W
ALSP38 2000L 45 40K DIM M24	E26	45	25	2000	3000	110-120	80	85	50,000		150W
ALSP38 2000L 45 DIM M24	E26	45	25	2000	3000	110-120	80	82	50,000		150W
ALSP38 2000L DIM M24	E26	25	25	2000	9000	110-120	80	82	50,000		150W
AR 111											
ALSAR111 450L M24	GU10	8	15.0	450	16000	110-120	30	82	50,000		50W
ALSAR111 450L 40K M24	GU10	8	15.0	450	16000	110-120	30	85	50,000		50W
ALSAR111 450L G53 R9 M24	G53	8	11.0	450	12000	12.0	40.91	94/ R9: ≥ 75	50,000		50W
ALSAR111 450L 40K G53 R9 M24	G53	8	11.0	450	12000	12.0	40.91	94/ R9: ≥ 75	50,000		50W
ALSAR111 530L M24	GU10	24	15.0	530	3600	110-120	35.33	82	50,000		50W
ALSAR111 530L 40K M24	GU10	24	15.0	530	3600	110-120	35.33	85	50,000		50W
ALSAR111 530L G53 R9 M24	G53	24	11.0	530	3600	12.0	48.18	94/ R9: ≥ 75	50,000		50W
ALSAR111 530L 40K G53 R9 M24	G53	24	11.0	530	3600	12.0	48.18	94/ R9: ≥ 75	50,000		50W
ALSAR111 570L M24	GU10	45	15.0	570	1400	110-120	38	82	50,000		50W
ALSAR111 570L 40K M24	GU10	45	15.0	570	1400	110-120	38	85	50,000		50W
ALSAR111 570L G53 R9 M24	G53	45	11.0	570	1400	12.0	51.82	94/ R9: ≥ 75	50,000		50W
ALSAR111 570L 40K G53 R9 M24	G53	45	11.0	570	1400	12.0	51.82	94/ R9: ≥ 75	50,000		50W
BR20/BR 30											
ALEBR20 500L DIM M12	E26	110	8.0	500	n/a	110-120	62.5	80	35,000		50W
ALEBR30 850L DIM M12	E26	110	12.0	850	n/a	110-120	70.8	80	35,000		75W
A Lamps											
ALGP 250L DIM M60	E26	n/a	5.0	250	n/a	110-120	50	80	50,000	X	30W
ALGP 420L DIM M60	E26	n/a	8.0	420	n/a	110-120	52.5	80	50,000	X	40W
ALGP 620L DIM M60	E26	n/a	11.0	620	n/a	110-120	56.36	80	50,000	X	50W
Candle Lamps											
ALCND 250L CSG DIM M60	E12	n/a	5.0	250	n/a	110-120	50	80	50,000	X	35W
ALCND 250L FSG DIM M60	E12	n/a	5.0	250	n/a	110-120	50	80	50,000	X	35W

## Acculamp® Decorative LED Lamps

Acculamp® decorative LED lamps provide the benefits of LED technology packaged with the lighting look and performance of traditional lamps. They are available in general purpose A15, A19, A21 and candle configurations. The A15, A19 and A21 are available in frosted glass and the candle is available in frosted or clear glass with an E12 candelabra base.



## Confidence.

Integrity is not earned overnight. Acculamp®, a member of the Acuity Brands industry-leading portfolio of innovative products and best in class service, is backed by a 5-year limited warranty. The Acuity Brands lighting heritage goes back to 1898 and our vision for the future knows no limit.

[www.acculamp.com](http://www.acculamp.com)

