

40-100 Watt LED REPLACEMENT LAMPS



LED replacement lamp for all fixtures that use standard house hold Lamps. The LED lamp uses less power than your standard 40-100 watt incandescent lamps. Based on L70 standards the LED lamp will last up to and beyond 25,000 hours. The aluminum heat sink has cooling fins that help extend the life time of the lamp. The lamp has an internal isolated driver.

PROJECT NAME
MODEL NUMBER
NOTES
FIXTURE TYPE
ROOM

CONSTRUCTION

Acrylic diffuser provides an even distribution of light with very little breakage compared to incandescent lamps. The body is made from aluminum for maximum heat dissipation to extend the lifetime of the lamp.

FEATURES

- 6 - 9 - 12 - 15 WATTS
- 550 - 850 - 1050 - 1350 Lumens
- Power Factor >.90
- 100 - 277 Vac
- Dimmable
- No RF Interference
- No hazardous materials
- 25,000 + hours lifespan
- Frosted Lens
- Beam angle 190°



Example: LL-HL-6-WW-D

MODEL NUMBER	WATTS	COLOR TEMP	DIMMABLE

MODEL NUMBER	WATTS	COLOR TEMP	DIMMABLE
LL-HL	6	WW = 2800-3200K	D = DIMMABLE
	9	NW = 4100-4500K	ND = NON DIMMABLE
	12	CW = 5800-6200K	
	15		

LAMP WATTAGE	LUMENS	VOLTAGE	LIFE	PACK TYPE	CASE PACK
6	550 (CW)	100 - 240 Vac	>25,000	Box	50
9	850 (CW)	100 - 240 Vac	>25,000	Box	50
12	1050 (CW)	100 - 240 Vac	>25,000	Box	50
15	1350 (CW)	100 - 240 Vac	>25,000	BOX	20



The chart to the right will help you determine which wattage Led lamp is needed to replace your current incandescent lamp.

LED WATTAGE	REPLACES
6	40-50 WATT
9	50-65 WATT
12	75-100 WATT
15	100 WATT+

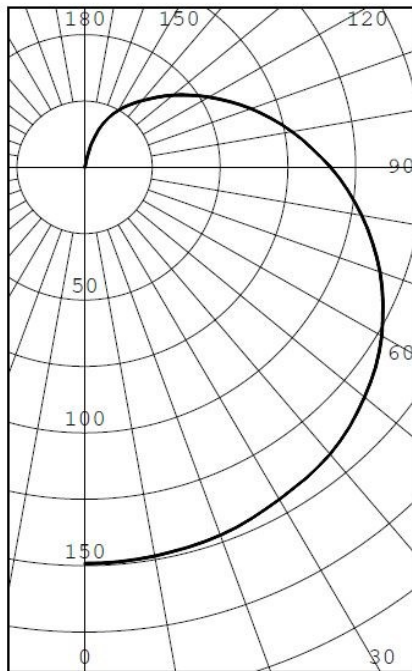
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SPECIFICATIONS

Item	Specification	6 Watt	9 Watt	12 Watt	15 Watt
	Color Temp	4000k	4000k	4000k	4000k
General	Lumens	550	850	1050	1350
Performance	Efficacy	91.6 LM/W	94.4 LM/W	87.5 LM/W	90 LM/W
	Proprietary Color Consistency	LED Binning	LED Binning	LED Binning	LED Binning
	Lumen Maintenance (L70)	>25,000 hours	>25,000 hours	>25,000 hours	>25,000 hours
	Power Factor	>90%	>90%	>90%	>90%
Electrical	Input Voltage 50/60Hz	120 - 277 Vac	120 - 277 Vac	120 - 277 Vac	120 - 277 Vac
	Power Consumption	6 Watts	9 Watts	12 Watts	15 Watts
Control	Triac Dimming 120 Vac only	Optional	Optional	Optional	Optional
	Weight	.7 lbs	.7 lbs	.8 lbs	.8 lbs
	Housing	Aluminum	Aluminum	Aluminum	Aluminum
Physical	Acrylic Diffusion	YES	YES	YES	YES
	Mounting	Standard E26	Standard E26	Standard E26	Standard E26
	Certification	UL / CE / RoHS	UL / CE / RoHS	UL / CE / RoHS	UL / CE / RoHS
Certifications	Environment	Indoor Use	Indoor Use	Indoor Use	Indoor Use

INTENSITY (CANDLEPOWER) SUMMARY



ANGLE	MEAN CP	LMS.	ANGLE	MEAN CP	LMS.
0	149		90	91	
5	149	14	95	84	92
10	149		100	78	
15	148	42	105	71	75
20	147		110	65	
25	146	67	115	59	59
30	144		120	53	
35	143	89	125	48	43
40	141		130	42	
45	138	107	135	37	29
50	135		140	33	
55	131	117	145	29	18
60	126		150	25	
65	121	120	155	21	10
70	116		160	15	
75	110	116	165	9	3
80	104		170	0	
85	97	106	175	0	0
90	91		180	0	

ZONAL LUMENS AND PERCENTAGES

ZONE	LUMENS	% LUMINAIRE
0-30	124	11.17
0-40	213	19.25
0-60	437	39.46
0-90	779	70.38
40-90	566	51.13
60-90	342	30.91
90-180	328	29.62
0-180	1107	100.00

EFFICACY (LUMENS PER WATT): 93.1



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