

# ENVIRONMENTALLY FRIENDLY, ENERGY EFFICIENT

- Lumen packages suitable for ceiling heights ranging from 8' to in excess of 100'
- Efficacies up to 110 lm/w
- Superior-quality white LED light output using Chip on Board technology
- No harmful ultraviolet or infrared wavelengths • No lead or mercury



J7.1.1G3



## 800 TO 9000 LUMEN 6" LED NEW CONSTRUCTION/REMODEL/FLUSH MOUNT HYPERBOLIC / PARABOLIC / WALLWASH L6 / LRM6 SERIES

### PRODUCT SPECIFICATIONS

#### OPTICS

**Hyperbolic:** Unique hyperbolic shape optimized for small, directional LED source, maximizes fixture efficiency while creating the "Silent Ceiling" appearance by reducing lamp image and aperture brightness • Geometry of hyperbolic curve provides unique aperture appearance and smoother light distribution • Narrow Flood, medium flood and wide flood distributions available

**Parabolic/Lens:** Computer-optimized parabolic reflector with frosted convex lens regressed into cone provides uniform distribution with no striations • Concealed LED array provides superior aesthetic appeal both on and off

**Wall Wash:** Available in Hyperbolic and Parabolic. Both are computer-optimized with an integral wall wash kicker and frosted bubble lens regressed into reflector, providing uniform distributions with no striations

**Finishes:** Low iridescent specular, semi-specular and diffuse Alzak® finishes available with integral flange of same finish • See reflector options for other colors and finishes

**Baffle:** White or black painted deep multi-groove aluminum baffle insert with integral white painted flange and frosted convex glass lens

#### ELECTRICAL

**LED Light Engine:** Compact light source delivers uniform illumination without pixilation, enabling excellent beam control • Consistent fixture-to-fixture color temperature within 3 SDCM • Replaceable light engine with quick connector mounts directly to heat sink and is easily replaceable • CRI > 80 standard, 90 & 97 CRI available, see options for compatibility

**Passive Cooling:** Aluminum heat sink integrated directly with housing provides superior thermal management to ensure the long life of LED

**LED Driver:** Power factor >0.9 • Easily replaceable from above or below the ceiling

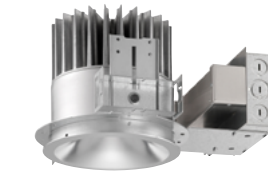
**Dimming:** Dimmable via 0-10V protocol standard • Optional drivers available for use with eldoLED, Lutron EcoSystem, 2-wire dimmers, DMX, or DALI • For a list of compatible dimmers, see [LED-DIM](#).

**Life:** Rated for 60,000 hours at 70% lumen maintenance • Available with optional Lumen Depreciation Indicator (LDI)

**Emergency Battery Pack (Optional) output:** Provides a minimum of 600 (BR), or 1100 (HBR) lumens for a minimum duration of 90 minutes

**Warranty:** 5 years when used in accordance with manufacturing guidelines. Specifications subject to change without notice.

Type	Cat. No.
_____	_____
Project: _____	
Notes: _____	



NEW CONSTRUCTION



REMODEL



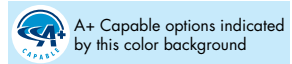
FLUSH MOUNT

### ORDERING INFORMATION: Complete Catalog# Example Includes (Rough-In, option, reflector, accessory): L6 08LM 27K 120 G3 80CRI ZT F HW CS PF HBTL

ROUGH-IN							REFLECTOR*					
SERIES	LIGHT ENGINE LUMENS	COLOR TEMP.	VOLTAGE	GENERATION	CRI	DRIVER	ROUGH-IN OPTIONS	TRIM STYLE	FINISH	TRIM OPTIONS	MOUNTING	
<b>L6</b>				<b>G3</b>								
<b>L6</b>	<b>08LM</b> 800 Lumens	<b>27K</b> 2700K	<b>120</b> 120 Volt	<b>G3</b> Generation 3	<b>80CRI</b> 80+ CRI	<b>#FD</b> Forward or Reverse Phase Dimming Driver (120V only)	<b>F</b> Fuse and Fuse Holder <b>CP</b> Chicago Plenum	<b>HM</b> Hyperbolic - Medium <b>HN</b> Hyperbolic - Narrow	<b>CD</b> Clear Diffuse <b>CS</b> Clear Specular	<b>PF</b> White Flange <b>WET</b> Wet Location (Only available w/ P & BAF options)	<b>Blank</b> Flanged <b>FM</b> Flangless (Not available w/ Remodel or Baffle)	
6" L-Series New Construction Rough-in	<b>13LM</b> 1300 Lumens <b>15LM</b> 1500 Lumens <b>17LM</b> 1700 Lumens <b>23LM</b> 2300 Lumens	<b>30K</b> 3000K <b>35K</b> 3500K	<b>277</b> 277 Volt <b>347</b> 347 Volt		<b>90CRI</b> 90+ CRI <b>97CRI</b> 97+ CRI	<b>•FDL</b> Forward Phase Dimming Lutron Driver (120V only) <b>•PD</b> Lutron EcoSystem Dimming Driver	<b>LDI</b> Lumen Depreciation Indicator (Cannot be used w/ BR or HBR options) <b>•BR</b> Emergency Battery Pack w/ Remote Test Switch <b>•HBR</b> High Lumen Emergency Battery Pack w/ Remote Test Switch	<b>HW</b> Hyperbolic - Wide <b>HWS</b> Hyperbolic - Single Wall Wash <b>P</b> Parabolic Reflector Trim <b>WC</b> Corner Wall Wash <b>WD</b> Double Wall Wash <b>WS</b> Single Wall Wash <b>BAF</b> Baffle (Black or White)	<b>BD</b> Black Diffuse <b>BL</b> Black (Baffle) <b>BS</b> Black Specular <b>BZD</b> Bronze Diffuse <b>BZS</b> Bronze Specular <b>GD</b> Gold Diffuse <b>GS</b> Gold Specular <b>PTD</b> Pewter Diffuse <b>PTS</b> Pewter Specular <b>WH</b> White <b>WTD</b> Wheat Diffuse <b>WTS</b> Wheat Specular			
6" L-Series Remodel Rough-in	<b>28LM</b> 2800 Lumens <b>33LM</b> 3300 Lumens <b>40LM</b> 4000 Lumens <b>45LM</b> 4500 Lumens <b>50LM</b> 5000 Lumens	<b>40K</b> 4000K <b>•MVOLT</b> Multi-Volt (120-277 Volt)	<b>347</b> 347 Volt			<b>ZT</b> 0-10V Dimming <b>DMXC</b> DMX/RDM Driver w/ Phoenix Connectors (Not compatible w/ CP option)	<b>•NL</b> nLight® Dimming Pack Controls. (Not compatible with CP option). Only use w/ ZT, E21 and EZB drivers. <b>•NLER</b> nLight® dimming pack controls. ER controls fixtures on emergency circuit operation (Not compatible with CP option). Only use w/ ZT, E21 and EZB drivers.					
See mounting for Flush Mount	<b>55LM</b> 5500 Lumens <b>60LM</b> 6000 Lumens <b>65LM</b> 6500 Lumens <b>70LM</b> 7000 Lumens <b>75LM</b> 7500 Lumens <b>80LM</b> 8000 Lumens <b>85LM</b> 8500 Lumens <b>90LM</b> 9000 Lumens					<b>DMXR</b> DMX/RDM Driver <b>DALI</b> DALI Control Dimming <b>EZ1</b> eldoLED 0-10V ECO driver. Linear dimming to 1% min. (Not compatible with LDI option) Up to 5500 lumens max <b>EZB</b> eldoLED 0-10V Solo driver. Logarithmic dimming to <1% (Not compatible with LDI option) Up to 5500 lumens max						

• Only 800, 1300, 1500 & 1700 lumen fixtures are universal voltage (120/277V), if using (F, NL or NLER) voltage must be specified  
 • Not available for 4000 lumens and up  
 • Not available for 347V or CP  
 • 2000K & 3000K only  
 • Not available for 4500 lumens and up

\* To order reflector separately, use series and reflector option values. Ex: L6 HW CS PF FM



#### ACCESSORIES

ACCESSORY OPTIONS

<b>IFMA6</b>	6" Flush mount adapter for drywall ceilings (Required)	<b>SCA6/05</b>	6" Sloped Ceiling Adapter, 5 Degree Angle
<b>HB28</b>	28" C-Channel Bar Hangers, Pair	<b>SCA6/10</b>	6" Sloped Ceiling Adapter, 10 Degree Angle
<b>HB52</b>	52" C-Channel Bar Hangers, Pair	<b>SCA6/15</b>	6" Sloped Ceiling Adapter, 15 Degree Angle
<b>HBTL</b>	25" Tri-Lock Grid Ceiling Bar Hangers, Pair	<b>SCA6/20</b>	6" Sloped Ceiling Adapter, 20 Degree Angle
<b>LB27</b>	27" Linear Bar Hangers, Pair	<b>SCA6/25</b>	6" Sloped Ceiling Adapter, 25 Degree Angle
		<b>SCA6/30</b>	6" Sloped Ceiling Adapter, 30 Degree Angle

**PRODUCT SPECIFICATIONS (cont.)**

**MECHANICAL**

**New Construction Housing:** Low profile, universal housing design installs in suspended grid, plaster or drywall • Integral heat sink conducts heat away from LED light engine • Driver is accessible from above and below ceiling and can be upgraded to accommodate future technology improvements

**Mounting Frame:** Heavy gauge steel lower housing ring accommodates ceilings up to 2" thick • For thicker ceilings; consult factory

**Mounting Bracket:** New Construction mounting brackets have 3" vertical adjustment and accepts most commercial bar hangers, including our proprietary Tru-Lock bar hangers • Our one-piece Tru-Lock bar hangers have integral T-bar locking screws and alignment notches for locating and locking fixture in the center of 1/4" tile increments

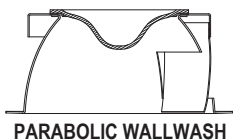
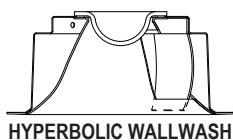
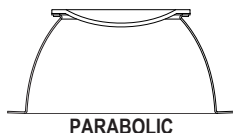
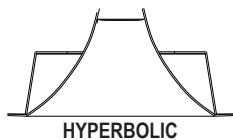
**Junction Box:** Over size 4" x 6" galvanized steel junction box with (6) 1/2" (2) 3/4" knockouts facilitate quick wiring • Junction box rated for four (4) No. 12 AWG 90° C branch circuit conductors (2-in, 2-out)

**Remodel Housing:** Housing installs from below ceiling in applications where above ceiling access is not available • Secured in place by factory installed remodel springs • Remodel springs accommodate ceilings from 1/2" to 1-1/8" thick • Integral heat sink conducts heat away from LED light engine • Driver is accessible from below the ceiling and can be upgraded to accommodate future technology improvements.

**Flush Mount Adapter:** Allows drywall to be finished flush with cone flange

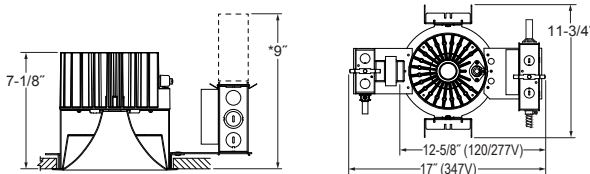
**Junction Box:** 4" x 4" galvanized steel junction box with (6) 1/2" (2) 3/4" knockouts facilitate quick wiring

**TRIMS:**

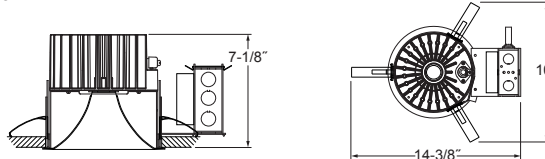


APERTURE: 6-1/8" Dia.  
 CEILING CUTOUT: 6-7/8" Dia.  
 OVERLAP TRIM: 7-3/8" Dia.

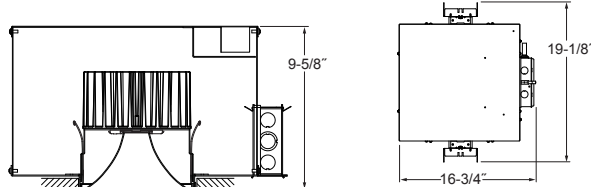
**NEW CONSTRUCTION & FLUSH MOUNT**



**REMODEL**



**FLUSH MOUNT - CHICAGO PLENUM**



**ENERGY STAR® Certified**

	PRODUCT#	FIXTURE CONFIGURATIONS = ENERGY STAR
	<b>MVOLT (120V-277V), 80 CRI</b> L6 (XXLM) (YYK) MVOLT G3 80CRI (ZZ) (CC) ▲	Lumen Package: XX = 08LM*, 13LM*, 15LM, 17LM CCT: YY = 27K, 30K, 35K, 40K Voltage: MVOLT (120V-277V) CRI: 80CRI Trim Type: ZZ = HN, HM, HW, P Trim Color/Finish: CC = CS, CSS, CD
	<b>120V/277V, 80 CRI</b> L6 (XXLM) (YYK) (V) G3 (80CRI) (ZZ) (CC) ▲	Lumen Package: XX = 23LM, 28LM, 33LM, 40LM, 45LM, 50LM, 55LM, 60LM, 65LM, 70LM, 75LM, 80LM, 85LM, 90LM CCT: YY = 27K, 30K, 35K, 40K Voltage: V = 1, 2 CRI: 80CRI Trim Type: ZZ = HN, HM, HW, P Trim Color/Finish: CC = CS, CSS, CD

▲ PD and FDL options are not ENERGY STAR® Certified.

\* Indicated lumen packages are not ENERGY STAR® Certified with -DMXR or -DALI options when used with 277 volts.

**LABELS AND LISTINGS**

• UL & cUL listed for feed through and damp locations • UL spacing requirement for 4000 lumen and above: minimum of 4' between fixture centers, 3' overhead clearance, 2' from fixture center to side wall • RoHS compliant • EMI complies with FCC 47, Part 15, Class A • ENERGY STAR® Certified, see back page for designated products • I.B.E.W. Union made • ARRA Compliant

ENGINEERING DATA: 347 Volt available, consult factory

120																		
VOLTAGE																		
LIGHT ENGINE LUMENS																		
	800	1300	1500	1700	2300	2800	3300	4000	4500	5000	5500	6000	6500	7000	7500	8000	8500	9000
CCT																		
2700K/3000K/3500K/4000K																		
INPUT CURRENT	0.064	0.102	0.12	0.151	0.202	0.250	0.290	0.375	0.358	0.383	0.426	0.457	0.501	0.553	0.604	0.645	0.694	0.769
INPUT WATTAGE	7.7W	12.2W	14.4W	18.1W	24.1W	29.8W	34.6W	45.0W	42.3W	45.3W	50.4W	54.7W	59.9W	66.2W	72.2W	77.1W	82.9W	92.0W
INPUT FREQUENCY	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz
THD%	6.67	4.30	4.01	3.68	5.59	5.70	4.16	3.93	14.00	13.26	14.48	4.61	4.66	3.97	4.24	3.81	3.74	3.53
POWER FACTOR	0.991	0.993	0.993	0.995	0.994	0.995	0.997	0.998	0.996	0.996	0.996	0.996	0.996	0.997	0.996	0.996	0.996	0.996

277																		
VOLTAGE																		
LIGHT ENGINE LUMENS																		
	800	1300	1500	1700	2300	2800	3300	4000	4500	5000	5500	6000	6500	7000	7500	8000	8500	9000
CCT																		
2700K/3000K/3500K/4000K																		
INPUT CURRENT	0.032	0.050	0.058	0.073	0.095	0.113	0.135	0.168	0.177	0.192	0.204	0.220	0.222	0.251	0.288	0.306	0.334	0.345
INPUT WATTAGE	8.2W	12.5W	14.6W	18.3W	24.3W	29.5W	35.0W	44.3W	42.8W	45.9W	50.8W	54.8W	61.1W	63.4W	72.7W	77.0W	83.7W	88.9W
INPUT FREQUENCY	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz
THD%	11.15	10.45	10.99	11.11	10.06	8.38	8.48	7.98	21.91	19.95	21.30	22.02	23.02	21.97	20.07	19.57	17.10	14.74
POWER FACTOR	0.915	0.889	0.903	0.911	0.921	0.942	0.935	0.955	0.874	0.864	0.898	0.900	0.994	0.910	0.912	0.908	0.904	0.906

HYPERBOLIC

DELIVERED LUMENS/LUMENS PER WATT (40K 80CRI)																		
TRIM/FINISH	08LM 40K		13LM 40K		15LM 40K		17LM 40K		23LM 40K		28LM 40K		33LM 40K		40LM 40K		45LM 40K	
	Lumens	LPW	Lumens	LPW	Lumens	LPW	Lumens	LPW	Lumens	LPW	Lumens	LPW	Lumens	LPW	Lumens	LPW	Lumens	LPW
HN CS	781	104.1	1282	102.6	1481	102.1	1661	90.3	2196	91.1	2641	88.6	3036	87.7	3684	82.0	4049	97.6
HN CSS	736	98.1	1208	96.6	1395	96.2	1565	85.1	2068	85.8	2488	83.5	2859	82.6	3470	77.3	3840	92.5
HN CD	676	90.1	1109	88.8	1282	88.4	1438	78.1	1900	78.8	2286	76.7	2627	75.9	3188	71.0	3489	84.1
HM CS	814	108.5	1336	106.9	1543	106.4	1731	94.1	2288	94.9	2753	92.4	3163	91.4	3839	85.5	4295	103.5
HM CSS	791	105.5	1299	103.9	1501	103.5	1684	91.5	2225	92.3	2677	89.8	3076	88.9	3733	83.1	4138	99.7
HM CD	699	93.2	1147	91.8	1325	91.4	1487	80.8	1965	81.5	2364	79.3	2717	78.5	3297	73.4	3565	85.9
HW CS	830	110.7	1363	109.0	1574	108.6	1766	96.0	2334	96.8	2808	94.2	3227	93.2	3916	87.2	4315	104.0
HW CSS	802	106.9	1316	105.3	1520	104.9	1706	92.7	2254	93.5	2712	91.0	3116	90.1	3782	84.2	4152	100.0
HW CD	735	97.9	1206	96.5	1393	96.1	1563	84.9	2065	85.7	2484	83.4	2855	82.5	3465	77.2	3686	88.8

TRIM/FINISH	50LM 40K		55LM 40K		60LM 40K		65LM 40K		70LM 40K		75LM 40K		80LM 40K		85LM 40K		90LM 40K	
	Lumens	LPW	Lumens	LPW	Lumens	LPW	Lumens	LPW	Lumens	LPW	Lumens	LPW	Lumens	LPW	Lumens	LPW	Lumens	LPW
HN CS	4408	96.2	4926	94.0	5079	93.0	5567	94.2	6101	91.9	6452	90.0	6757	89.0	7199	87.5	7626	83.3
HN CSS	4180	91.3	4672	89.2	4816	88.2	5279	89.3	5786	87.1	6118	85.3	6408	84.4	6827	83.0	7232	
HN CD	3797	82.9	4244	81.0	4376	80.1	4796	81.2	5256	79.2	5558	77.5	5821	76.7	6202	75.4	6570	71.8
HM CS	4675	102.1	5225	99.7	5387	98.7	5904	99.9	6470	97.4	6842	95.4	7166	94.4	7635	92.8	8088	88.4
HM CSS	4504	98.3	5034	96.1	5189	95.0	5688	96.2	6234	93.9	6592	91.9	6904	91.0	7356	89.4	7792	85.2
HM CD	3880	84.7	4337	82.8	4471	81.9	4900	82.9	5370	80.9	5679	79.2	5948	78.4	6337	77.0	6713	73.4
HW CS	4697	102.6	5250	100.2	5413	99.1	5933	100.4	6502	97.9	6875	95.9	7201	94.9	7672	93.2	8127	88.8
HW CSS	4519	98.7	5051	96.4	5207	95.4	5708	96.6	6255	94.2	6615	92.3	6928	91.3	7381	89.7	7819	85.5
HW CD	4012	87.6	4484	85.6	4623	84.7	5067	85.7	5553	83.6	5872	81.9	6150	81.0	6552	79.6	6941	75.9

PARABOLIC

DELIVERED LUMENS/LUMENS PER WATT (40K 80CRI)																		
TRIM/FINISH	08LM 40K		13LM 40K		15LM 40K		17LM 40K		23LM 40K		28LM 40K		33LM 40K		40LM 40K		45LM 40K	
	Lumens	LPW	Lumens	LPW	Lumens	LPW	Lumens	LPW	Lumens	LPW	Lumens	LPW	Lumens	LPW	Lumens	LPW	Lumens	LPW
P CS	657	87.7	1079	86.3	1247	86.0	1399	76.0	1848	76.7	2223	74.6	2555	73.9	3101	69.1	3497	84.3
P CSS	633	84.5	1040	83.2	1201	82.8	1348	73.2	1781	73.9	2142	71.9	2462	71.2	2988	66.5	3381	81.5
P CD	576	76.8	945	75.6	1092	75.3	1225	66.6	1619	67.2	1947	65.3	2238	64.7	2716	60.5	3140	75.7

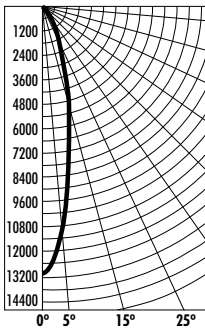
TRIM/FINISH	50LM 40K		55LM 40K		60LM 40K		65LM 40K		70LM 40K		75LM 40K		80LM 40K		85LM 40K		90LM 40K	
	Lumens	LPW	Lumens	LPW	Lumens	LPW	Lumens	LPW	Lumens	LPW	Lumens	LPW	Lumens	LPW	Lumens	LPW	Lumens	LPW
P CS	3806	83.1	4254	81.2	4386	80.3	4807	81.3	5268	79.3	5571	77.7	5834	76.9	6216	75.5	6585	72.0
P CSS	3680	80.4	4113	78.5	4240	77.7	4648	78.6	5094	76.7	5386	75.1	5641	74.3	6010	73.0	6367	69.6
P CD	3418	74.6	3820	72.9	3939	72.1	4317	73.0	4731	71.3	5003	69.8	5240	69.0	5583	67.8	5914	64.6

TRIM	BEAM SPREAD	
	800-4000 LUMEN	4500-9000 LUMEN
L6 HN CS	16°	25°
L6 HN CSS	19°	30°
L6 HN CD	44°	55°
L6 H CS	53°	60°
L6 H CSS	53°	60°
L6 H CD	65°	65°
L6 HW CS	71°	73°
L6 HW CSS	71°	73°
L6 HW CD	71°	73°

TRIM	BEAM SPREAD
	DEGREE
L6 P CS	66°
L6 P CSS	63°
L6 P CD	72°
L6 B B	72°



Catalog Number: L6 45LM 40K 120 G3 80CRI HN CS
PHOTOMETRIC REPORT
Test Number: PR04152185
Total Lumen Output: 4050
Center Beam Candlepower: 13,148
Luminaire Efficacy: 97.6 lm/w (4K)
Luminaire Spacing Criteria: 0.42
Luminaire: Clear Specular Alzak®, Narrow Flood Hyperbolic Reflector.
CIE-Type: Direct



CANDLEPOWER DISTRIBUTION (Candelas) table with columns for Angle, Candela, and Lumens

INITIAL FOOTCANDLES

INITIAL FOOTCANDLES table with columns for Distance to Illuminated Plane (Feet), Footcandle Beam Center, Footcandle Beam Edge, and Beam Diameter

AVERAGE INITIAL FOOTCANDLES

AVERAGE INITIAL FOOTCANDLES table with columns for Luminaire Spacing, Room Cavity Ratio (RCR1, RCR4, RCR8), and Average Footcandle

LUMINANCE DATA

LUMINANCE DATA table with columns for Angle in Degrees and Candela/M²

ZONAL LUMEN SUMMARY

ZONAL LUMEN SUMMARY table with columns for Zone, Lumens%, and %Fixtures

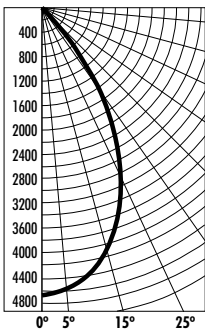
COEFFICIENTS OF UTILIZATION - % (Zonal Cavity Method)

COEFFICIENTS OF UTILIZATION table with columns for PCC, Effective Floor Reflectance, and utilization percentages for various room configurations

CCT MULTIPLIER

(3300-4000 Lumens)
27K = 0.91 35K = 0.99
30K = 0.96 40K = 1.00

Catalog Number: L6 45LM 40K 120 G3 80CRI HM CS
PHOTOMETRIC REPORT
Test Number: PR04152081
Total Lumen Output: 4295
Center Beam Candlepower: 4655
Luminaire Efficacy: 103.5 lm/w (4K)
Luminaire Spacing Criteria: 0.93
Luminaire: Clear Specular Alzak®, Medium Flood Hyperbolic Reflector.
CIE-Type: Direct



CANDLEPOWER DISTRIBUTION (Candelas) table with columns for Angle, Candela, and Lumens

INITIAL FOOTCANDLES

INITIAL FOOTCANDLES table with columns for Distance to Illuminated Plane (Feet), Footcandle Beam Center, Footcandle Beam Edge, and Beam Diameter

AVERAGE INITIAL FOOTCANDLES

AVERAGE INITIAL FOOTCANDLES table with columns for Luminaire Spacing, Room Cavity Ratio (RCR1, RCR4, RCR8), and Average Footcandle

LUMINANCE DATA

LUMINANCE DATA table with columns for Angle in Degrees and Candela/M²

ZONAL LUMEN SUMMARY

ZONAL LUMEN SUMMARY table with columns for Zone, Lumens%, and %Fixtures

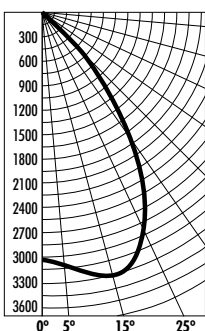
COEFFICIENTS OF UTILIZATION - % (Zonal Cavity Method)

COEFFICIENTS OF UTILIZATION table with columns for PCC, Effective Floor Reflectance, and utilization percentages for various room configurations

CCT MULTIPLIER

(3300-4000 Lumens)
27K = 0.91 35K = 0.99
30K = 0.96 40K = 1.00

Catalog Number: L6 45LM 40K 120 G3 80CRI HW CS
PHOTOMETRIC REPORT
Test Number: PR04152084
Total Lumen Output: 4315
Center Beam Candlepower: 3304
Luminaire Efficacy: 103.9 lm/w (4K)
Luminaire Spacing Criteria: 1.12
Luminaire: Clear Specular Alzak®, Wide Flood Hyperbolic Reflector.
CIE-Type: Direct



CANDLEPOWER DISTRIBUTION (Candelas) table with columns for Angle, Candela, and Lumens

INITIAL FOOTCANDLES

INITIAL FOOTCANDLES table with columns for Distance to Illuminated Plane (Feet), Footcandle Beam Center, Footcandle Beam Edge, and Beam Diameter

AVERAGE INITIAL FOOTCANDLES

AVERAGE INITIAL FOOTCANDLES table with columns for Luminaire Spacing, Room Cavity Ratio (RCR1, RCR4, RCR8), and Average Footcandle

LUMINANCE DATA

LUMINANCE DATA table with columns for Angle in Degrees and Candela/M²

ZONAL LUMEN SUMMARY

ZONAL LUMEN SUMMARY table with columns for Zone, Lumens%, and %Fixtures

COEFFICIENTS OF UTILIZATION - % (Zonal Cavity Method)

COEFFICIENTS OF UTILIZATION table with columns for PCC, Effective Floor Reflectance, and utilization percentages for various room configurations

CCT MULTIPLIER

(3300-4000 Lumens)
27K = 0.91 35K = 0.99
30K = 0.96 40K = 1.00

Fixtures tested to IES recommended standard for solid state lighting per LM-79-08. Photometric performance on a single unit represents a baseline of performance for the fixture. Results may vary in the field.

Catalog Number: L6 90LM 40K 120 G3 80CRI HN CS

PHOTOMETRIC REPORT

Test Number: PR04152195

Total Lumen Output: 7626

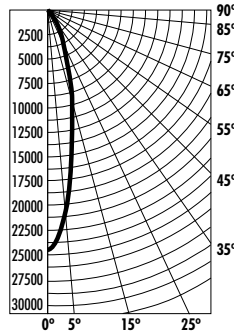
Center Beam Candlepower: 24,761

Luminaire Efficacy: 83.3 lm/w (4K)

Luminaire Spacing Criteria: 0.42

Luminaire: Clear Specular Alzak®, Narrow Flood Hyperbolic Reflector.

CIE-Type: Direct



CANDLEPOWER DISTRIBUTION (Candelas)

Table with columns: Angle, Candela, Lumens. Rows: 0°, 5°, 15°, 25°, 35°, 45°, 55°, 65°, 75°, 85°.

INITIAL FOOTCANDLES

Table with columns: Distance to Illuminated Plane (Feet), Footcandle Beam Center, Footcandle Beam Edge, Beam Diameter. Rows: 6', 7', 8', 9', 10', 11', 12', 13', 14', 15'.

AVERAGE INITIAL FOOTCANDLES

Reflectances: 80% Ceiling, 50% Walls, 30% Floors

Table with columns: Luminaire Spacing, Room Cavity Ratio (RCR1, RCR4, RCR8). Rows: 5' x 5', 6' x 6', 7' x 7', 8' x 8', 9' x 9', 10' x 10', 11' x 11', 12' x 12'.

LUMINANCE DATA

Table with columns: Angle in Degrees, Candela/M². Rows: 45°, 55°, 65°, 75°, 85°.

ZONAL LUMEN SUMMARY

Table with columns: Zone, Lumens%, %Fixtures. Rows: 0-30°, 0-40°, 0-60°, 0-90°, 90-180°, 0-180°.

CCT MULTIPLIER

(3300-4000 Lumens) 27K = 0.91 35K = 0.99 3K = 0.96 4K = 1.00

COEFFICIENTS OF UTILIZATION - % (Zonal Cavity Method)

Effective Floor Reflectance 20%

Large table with columns: PCC, PW, and rows for 80, 70, 50, 30, 10 reflectance levels.

Catalog Number: L6 90LM 40K 120 G3 80CRI HM CS

PHOTOMETRIC REPORT

Test Number: PR04152091

Total Lumen Output: 8088

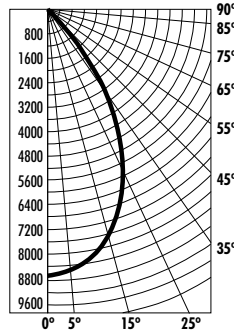
Center Beam Candlepower: 8767

Luminaire Efficacy: 88.4 lm/w (4K)

Luminaire Spacing Criteria: 0.93

Luminaire: Clear Specular Alzak®, Medium Flood Hyperbolic Reflector.

CIE-Type: Direct



CANDLEPOWER DISTRIBUTION (Candelas)

Table with columns: Angle, Candela, Lumens. Rows: 0°, 5°, 15°, 25°, 35°, 45°, 55°, 65°, 75°, 85°.

INITIAL FOOTCANDLES

Table with columns: Distance to Illuminated Plane (Feet), Footcandle Beam Center, Footcandle Beam Edge, Beam Diameter. Rows: 6', 7', 8', 9', 10', 11', 12', 13', 14', 15'.

AVERAGE INITIAL FOOTCANDLES

Reflectances: 80% Ceiling, 50% Walls, 30% Floors

Table with columns: Luminaire Spacing, Room Cavity Ratio (RCR1, RCR4, RCR8). Rows: 5' x 5', 6' x 6', 7' x 7', 8' x 8', 9' x 9', 10' x 10', 11' x 11', 12' x 12'.

LUMINANCE DATA

Table with columns: Angle in Degrees, Candela/M². Rows: 45°, 55°, 65°, 75°, 85°.

ZONAL LUMEN SUMMARY

Table with columns: Zone, Lumens%, %Fixtures. Rows: 0-30°, 0-40°, 0-60°, 0-90°, 90-180°, 0-180°.

CCT MULTIPLIER

(3300-4000 Lumens) 27K = 0.91 35K = 0.99 3K = 0.96 4K = 1.00

COEFFICIENTS OF UTILIZATION - % (Zonal Cavity Method)

Effective Floor Reflectance 20%

Large table with columns: PCC, PW, and rows for 80, 70, 50, 30, 10 reflectance levels.

Catalog Number: L6 90LM 40K 120 G3 80CRI HW CS

PHOTOMETRIC REPORT

Test Number: PR04152094

Total Lumen Output: 8127

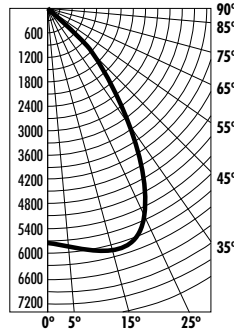
Center Beam Candlepower: 6223

Luminaire Efficacy: 88.8 lm/w (4K)

Luminaire Spacing Criteria: 1.12

Luminaire: Clear Specular Alzak®, Wide Flood Hyperbolic Reflector.

CIE-Type: Direct



CANDLEPOWER DISTRIBUTION (Candelas)

Table with columns: Angle, Candela, Lumens. Rows: 0°, 5°, 15°, 25°, 35°, 45°, 55°, 65°, 75°, 85°.

INITIAL FOOTCANDLES

Table with columns: Distance to Illuminated Plane (Feet), Footcandle Beam Center, Footcandle Beam Edge, Beam Diameter. Rows: 6', 7', 8', 9', 10', 11', 12', 13', 14', 15'.

AVERAGE INITIAL FOOTCANDLES

Reflectances: 80% Ceiling, 50% Walls, 30% Floors

Table with columns: Luminaire Spacing, Room Cavity Ratio (RCR1, RCR4, RCR8). Rows: 5' x 5', 6' x 6', 7' x 7', 8' x 8', 9' x 9', 10' x 10', 11' x 11', 12' x 12'.

LUMINANCE DATA

Table with columns: Angle in Degrees, Candela/M². Rows: 45°, 55°, 65°, 75°, 85°.

ZONAL LUMEN SUMMARY

Table with columns: Zone, Lumens%, %Fixtures. Rows: 0-30°, 0-40°, 0-60°, 0-90°, 90-180°, 0-180°.

CCT MULTIPLIER

(3300-4000 Lumens) 27K = 0.91 35K = 0.99 3K = 0.96 4K = 1.00

COEFFICIENTS OF UTILIZATION - % (Zonal Cavity Method)

Effective Floor Reflectance 20%

Large table with columns: PCC, PW, and rows for 80, 70, 50, 30, 10 reflectance levels.

Fixtures tested to IES recommended standard for solid state lighting per LM-79-08. Photometric performance on a single unit represents a baseline of performance for the fixture. Results may vary in the field.



Catalog Number: L6 90LM 40K 120 G3 80CRI P CS  
 PHOTOMETRIC REPORT  
 Test Number: PR04152196  
 Total Lumen Output: 6585  
 Luminaire Efficacy: 72.0 lm/w (4K)  
 Luminaire Spacing Criteria: 0.98  
 Luminaire: Clear Specular Alzak®, Parabolic Cone,  
 Frosted Convex Glass Lens.  
 CIE-Type: Direct



INITIAL FOOTCANDLES

Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Footcandles Beam Edge	Beam Diameter
6'	176.3	53.3	7.8'
7'	129.5	39.2	9.1'
8'	99.2	30.0	10.4'
9'	78.4	23.7	11.7'
10'	63.5	19.2	13.0'
11'	52.5	15.9	14.3'
12'	44.1	13.3	15.6'
13'	37.6	11.4	16.9'
14'	32.4	9.8	18.2'
15'	28.2	8.5	19.5'

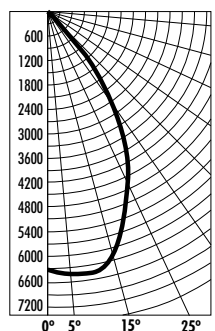
AVERAGE INITIAL FOOTCANDLES

Reflectances: 80% Ceiling, 50% Walls, 30% Floors

Luminaire Spacing	Room Cavity Ratio		
	RCR1	RCR4	RCR8
5' x 5'	292	237	182
6' x 6'	203	165	126
7' x 7'	149	121	93
8' x 8'	114	93	71
9' x 9'	90	73	56
10' x 10'	73	59	45
11' x 11'	60	49	38
12' x 12'	51	41	32

LUMINANCE DATA

Angle in Degrees	Candela/M²
45°	30839
55°	1445
65°	267
75°	0
85°	0



CANDLEPOWER DISTRIBUTION (Candelas)

Angle	Candela	Lumens
0°	6348	
5°	6468	617
15°	6162	1747
25°	4639	2147
35°	2784	1749
45°	398	308
55°	15	14
65°	2	2
75°	0	0
85°	0	0

ZONAL LUMEN SUMMARY

Zone	Lumens%	%Fixtures
0-30°	4511	68.5
0-40°	6260	95.1
0-60°	6582	100.0
0-90°	6584	100.0
90-180°	0	0
0-180°	6584	100.0

CCT MULTIPLIER (3300-4000 Lumens)

27K = 0.91	35K = 0.99
30K = 0.96	40K = 1.00

COEFFICIENTS OF UTILIZATION - % (Zonal Cavity Method)

Effective Floor Reflectance 20%

PCC	80				70				50				30				10				0		
	PW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0				
0	119	119	119	119	119	116	116	116	116	111	111	111	111	111	106	106	106	106	102	102	102	100	
1	113	111	108	106	104	111	108	106	104	104	103	101	101	99	98	97	96	95	93	97	96	95	93
2	108	103	99	95	92	106	101	97	94	98	95	92	95	92	90	92	90	88	87	92	90	88	87
3	102	96	91	87	84	100	94	90	86	92	88	85	89	86	83	87	84	82	80	87	84	82	80
4	97	89	84	79	76	95	88	83	79	86	82	78	84	80	77	82	79	76	75	82	79	76	75
5	92	83	78	73	71	90	82	77	73	81	76	72	79	75	72	77	74	71	71	77	74	71	69
6	87	78	72	68	66	86	77	72	67	76	71	67	74	70	67	73	69	66	65	73	69	66	65
7	83	73	67	63	61	81	73	67	63	71	66	62	70	65	62	69	65	62	60	69	65	62	60
8	78	69	63	59	57	77	68	62	58	67	62	58	66	61	58	65	61	58	56	65	61	58	56
9	75	65	59	55	53	73	64	59	55	63	58	54	62	58	54	62	57	54	53	62	57	54	53
10	71	61	55	51	49	70	61	55	51	60	55	51	59	54	51	58	54	51	49	58	54	51	49

Catalog Number: L6 90LM 40K 120 G3 80CRI BAF BL  
 PHOTOMETRIC REPORT  
 Test Number: PR04152293  
 Total Lumen Output: 3108  
 Luminaire Efficacy: 34.0 lm/w (4K)  
 Luminaire Spacing Criteria: 1.07  
 Luminaire: Black Multi-Groove Baffle,  
 Frosted Convex Glass Lens.  
 CIE-Type: Direct



INITIAL FOOTCANDLES

Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Footcandles Beam Edge	Beam Diameter
6'	71.4	18.8	8.8'
7'	52.4	13.8	10.2'
8'	40.1	10.6	11.7'
9'	31.7	8.4	13.1'
10'	25.7	6.8	14.6'
11'	21.2	5.6	16.1'
12'	17.8	4.7	17.5'
13'	15.2	4.0	19.0'
14'	13.1	3.5	20.4'
15'	11.4	3.0	21.9'

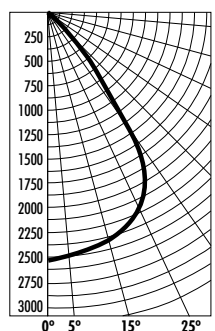
AVERAGE INITIAL FOOTCANDLES

Reflectances: 80% Ceiling, 50% Walls, 30% Floors

Luminaire Spacing	Room Cavity Ratio		
	RCR1	RCR4	RCR8
5' x 5'	137	109	83
6' x 6'	95	76	58
7' x 7'	70	56	42
8' x 8'	53	43	33
9' x 9'	42	34	26
10' x 10'	34	27	21
11' x 11'	28	23	17
12' x 12'	24	19	14

LUMINANCE DATA

Angle in Degrees	Candela/M²
45°	20963
55°	3682
65°	2648
75°	252
85°	0



CANDLEPOWER DISTRIBUTION (Candelas)

Angle	Candela	Lumens
0°	2569	
5°	2556	244
15°	2455	696
25°	2228	1031
35°	1453	913
45°	227	176
55°	32	29
65°	17	17
75°	1	1
85°	0	0

ZONAL LUMEN SUMMARY

Zone	Lumens%	%Fixtures
0-30°	1971	63.4
0-40°	2884	92.8
0-60°	3089	99.4
0-90°	3107	100.0
90-180°	0	0
0-180°	3107	100.0

CCT MULTIPLIER (3300-4000 Lumens)

27K = 0.91	35K = 0.99
30K = 0.96	40K = 1.00

COEFFICIENTS OF UTILIZATION - % (Zonal Cavity Method)

Effective Floor Reflectance 20%

PCC	80				70				50				30				10				0		
	PW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0				
0	119	119	119	119	119	116	116	116	116	111	111	111	111	111	106	106	106	106	102	102	102	100	
1	113	110	108	105	103	111	108	106	104	104	102	100	100	99	97	97	96	95	93	97	96	95	93
2	107	102	98	94	91	105	100	96	93	97	94	91	94	91	89	91	89	87	86	91	89	87	86
3	101	95	89	85	82	99	93	88	84	91	86	83	88	85	82	86	83	81	79	87	84	81	79
4	96	88	82	77	75	94	87	81	77	84	80	76	82	78	75	81	77	74	73	81	77	74	73
5	90	82	75	71	69	89	81	75	71	79	74	70	77	73	69	76	72	69	67	76	72	69	67
6	85	76	70	65	63	84	75	69	65	74	68	64	72	68	64	71	67	64	62	71	67	64	62
7	81	71	65	60	58	79	70	64	60	69	64	60	68	63	59	67	62	59	58	67	62	59	58
8	77	66	60	56	54	75	66	60	56	65	59	55	64	59	55	63	58	55	53	63	58	55	53
9	72	62	56	52	50	71	62	56	52	61	55	51	60	55	51	59	54	51	50	59	54	51	50
10	69	58	52	48	46	68	58	52	48	57	52	48	56	51	48	56	51	48	46	56	51	48	46

Fixtures tested to IES recommended standard for solid state lighting per LM-79-08. Photometric performance on a single unit represents a baseline of performance for the fixture. Results may vary in the field.



**PERFORMANCE DATA**

**LUMINAIRES SPACED 2' FROM WALL**

Catalog Number: L6 9OLM 40K 120 G3 80CRI HWS CS Spread: Single Wall Test #: PR06151891

Single Unit						Lamp	Multiple Units On 2' Centers*			Multiple Units On 3' Centers*			Multiple Units On 4' Centers*		
Lateral Distance From Fixture 2' From Wall						BXRA N4000 4000K	Spaced 2' From Wall			Spaced 2' From Wall			Spaced 2' From Wall		
0'	1'	2'	3'	4'	5'	Distance From Ceiling	CL	CL	CL	CL	CL	CL	CL	CL	
84	61	28	11	6	5	1'	193	138	143	105	91	105	93	55	93
131	99	50	20	9	7	2'	239	233	239	171	153	171	146	101	146
102	80	44	21	11	8	3'	199	196	199	142	132	142	119	90	119
75	66	41	21	12	8	4'	166	168	166	115	117	115	93	83	93
46	50	37	21	13	9	5'	131	142	131	88	101	88	66	76	66
33	39	30	22	14	10	6'	110	120	110	75	87	75	56	65	56
26	31	26	19	14	11	7'	96	105	96	67	76	67	50	57	50
22	27	22	17	13	11	8'	83	91	83	59	67	59	45	48	45
16	21	18	14	11	9	9'	66	74	66	48	57	48	36	39	36
11	15	13	11	9	7	10'	49	55	49	37	43	37	26	32	26

CCT MULTIPLIER	
27K = 0.91	35K = 0.99
30K = 0.96	40K = 1.00

**LUMINAIRES SPACED 3' FROM WALL**

Catalog Number: L6 9OLM 40K 120 G3 80CRI HWS CS Spread: Single Wall Test #: PR06151891

Single Unit						Lamp	Multiple Units On 3' Centers*			Multiple Units On 4' Centers*			Multiple Units On 6' Centers*		
Lateral Distance From Fixture 3' From Wall						BXRA N4000 4000K	Spaced 3' From Wall			Spaced 3' From Wall			Spaced 3' From Wall		
0'	1'	2'	3'	4'	5'	Distance From Ceiling	CL	CL	CL	CL	CL	CL	CL	CL	
29	26	18	11	7	6	1'	51	50	51	41	39	41	34	18	34
62	54	37	23	13	9	2'	108	104	108	86	80	86	68	40	68
62	55	40	26	16	11	3'	116	113	116	91	85	91	70	47	70
53	48	36	24	16	12	4'	102	100	102	80	76	80	61	44	61
47	42	32	23	16	12	5'	91	91	91	72	70	72	54	41	54
37	37	30	22	16	12	6'	81	85	81	63	67	63	45	41	45
28	31	27	21	16	13	7'	72	79	72	54	62	54	37	39	37
22	26	23	19	15	13	8'	64	72	64	48	57	48	32	35	32
17	20	19	16	13	11	9'	54	62	54	40	48	40	27	30	27
12	15	15	11	11	10	10'	43	47	43	31	37	31	21	24	21

CCT MULTIPLIER	
27K = 0.91	35K = 0.99
30K = 0.96	40K = 1.00

**LUMINAIRES SPACED 4' FROM WALL**

Catalog Number: L6 9OLM 40K 120 G3 80CRI HWS CS Spread: Single Wall Test #: PR06151891

Single Unit						Lamp	Multiple Units On 3' Centers*			Multiple Units On 4' Centers*			Multiple Units On 6' Centers*		
Lateral Distance From Fixture 4' From Wall						BXRA N4000 4000K	Spaced 4' From Wall			Spaced 4' From Wall			Spaced 4' From Wall		
0'	1'	2'	3'	4'	5'	Distance From Ceiling	CL	CL	CL	CL	CL	CL	CL	CL	
16	15	12	9	7	7	1'	33	34	33	27	27	27	21	17	21
33	30	23	18	13	10	2'	70	69	70	56	53	56	41	34	41
42	39	31	24	18	13	3'	91	92	91	72	70	72	52	46	52
39	36	30	24	18	14	4'	89	90	89	70	69	70	50	45	50
35	33	27	22	17	13	5'	81	82	81	63	64	63	46	42	46
32	30	26	21	16	14	6'	77	77	77	61	60	61	43	40	43
30	28	24	20	16	13	7'	73	74	73	58	57	58	41	38	41
24	25	22	18	15	13	8'	66	70	66	52	55	52	36	35	36
18	20	19	16	13	12	9'	56	61	56	43	48	43	29	31	29
13	15	15	13	11	10	10'	44	46	44	33	37	33	22	26	22

CCT MULTIPLIER	
27K = 0.91	35K = 0.99
30K = 0.96	40K = 1.00

\*Based on minimum of five luminaires. Reflectances: 80, 50, 20. Values are rounded to nearest whole footcandle.

Fixtures tested to IES recommended standard for solid state lighting per LM-79-08. Photometric performance on a single unit represents a baseline of performance for the fixture. Results may vary in the field.

**PERFORMANCE DATA**

**LUMINAIRES SPACED 2' FROM WALL**

Catalog Number: L6 90LM 40K 120 G3 80CRI WS CSS Spread: Single Wall Test #: PR04152492

Single Unit						Lamp	Multiple Units On 2' Centers*			Multiple Units On 3' Centers*			Multiple Units On 4' Centers*		
Lateral Distance From Fixture 2' From Wall						BXRC-40E1OK0-L-23 4000K	Spaced 2' From Wall			Spaced 2' From Wall			Spaced 2' From Wall		
0'	1'	2'	3'	4'	5'	Distance From Ceiling	CL	CL	CL	CL	CL	CL	CL	CL	CL
55	40	18	8	6	5	1'	93	88	93	71	58	71	63	35	63
109	79	39	16	8	7	2'	190	184	190	140	121	140	121	78	121
110	82	42	19	11	8	3'	198	195	198	146	129	146	126	85	126
81	74	46	22	13	9	4'	180	185	180	122	132	122	99	93	99
46	51	41	25	15	10	5'	141	149	141	94	107	94	68	85	68
33	37	32	25	16	12	6'	115	123	115	81	88	81	59	68	59
25	28	26	21	17	13	7'	97	103	97	69	76	69	53	57	53
20	24	21	18	15	13	8'	83	88	83	61	66	61	47	47	47
15	18	16	14	12	11	9'	66	70	66	49	54	49	38	38	38

CCT MULTIPLIER			
27K = 0.91	35K = 0.99		
30K = 0.96	40K = 1.00		

**LUMINAIRES SPACED 3' FROM WALL**

Catalog Number: L6 90LM 40K 120 G3 80CRI WS CSS Spread: Single Wall Test #: PR04152492

Single Unit						Lamp	Multiple Units On 3' Centers*			Multiple Units On 4' Centers*			Multiple Units On 6' Centers*		
Lateral Distance From Fixture 3' From Wall						BXRC-40E1OK0-L-23 4000K	Spaced 3' From Wall			Spaced 3' From Wall			Spaced 3' From Wall		
0'	1'	2'	3'	4'	5'	Distance From Ceiling	CL	CL	CL	CL	CL	CL	CL	CL	CL
19	16	12	8	6	6	1'	33	32	33	28	26	28	23	12	23
47	40	27	17	11	8	2'	80	76	80	64	58	64	53	28	53
54	47	34	22	14	10	3'	97	93	97	77	71	77	61	38	61
55	48	34	23	15	11	4'	98	96	98	79	73	79	62	41	62
52	47	35	24	16	12	5'	98	99	98	77	76	77	59	43	59
40	40	34	25	18	13	6'	88	93	88	68	75	68	48	46	48
28	31	29	24	19	14	7'	78	83	78	59	65	59	38	45	38
22	25	23	21	17	15	8'	68	74	68	52	58	52	34	39	34
17	19	18	17	15	13	9'	56	62	56	44	48	44	29	31	29

CCT MULTIPLIER			
27K = 0.91	35K = 0.99		
30K = 0.96	40K = 1.00		

**LUMINAIRES SPACED 4' FROM WALL**

Catalog Number: L6 90LM 40K 120 G3 80CRI WS CSS Spread: Single Wall Test #: PR04152492

Single Unit						Lamp	Multiple Units On 3' Centers*			Multiple Units On 4' Centers*			Multiple Units On 6' Centers*		
Lateral Distance From Fixture 4' From Wall						BXRC-40E1OK0-L-23 4000K	Spaced 4' From Wall			Spaced 4' From Wall			Spaced 4' From Wall		
0'	1'	2'	3'	4'	5'	Distance From Ceiling	CL	CL	CL	CL	CL	CL	CL	CL	CL
11	10	8	7	6	6	1'	23	23	23	20	19	20	15	12	15
25	22	18	13	11	9	2'	51	50	51	41	39	41	31	25	31
34	31	25	19	15	11	3'	71	71	71	57	55	57	42	36	42
35	32	26	21	16	13	4'	76	76	76	61	59	61	44	38	44
35	32	27	21	16	13	5'	77	77	77	62	61	62	45	40	45
36	33	28	22	17	14	6'	80	80	80	63	63	63	47	41	47
33	31	27	22	17	14	7'	80	80	80	61	63	61	44	42	44
25	26	25	20	17	15	8'	72	75	72	57	60	57	38	39	38
18	20	19	17	16	13	9'	60	64	60	47	51	47	31	34	31

CCT MULTIPLIER			
27K = 0.91	35K = 0.99		
30K = 0.96	40K = 1.00		

\*Based on minimum of five luminaires. Reflectances: 80, 50, 20. Values are rounded to nearest whole footcandle.

Fixtures tested to IES recommended standard for solid state lighting per LM-79-08. Photometric performance on a single unit represents a baseline of performance for the fixture. Results may vary in the field.

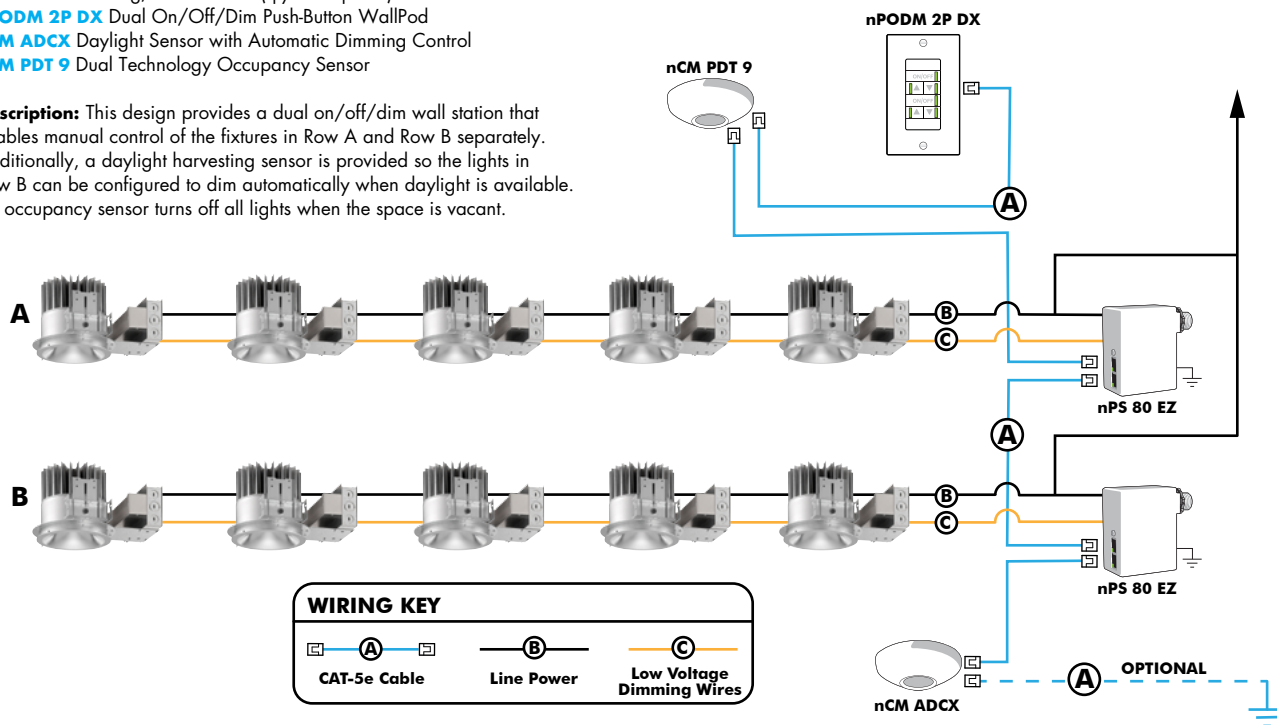
**EXAMPLE**

Group Fixture Control\*

\*Application diagram applies for fixtures with eldoLED drivers only.

- nPS 80 EZ Dimming/Control Pack (qty: 2 required)
- nPODM 2P DX Dual On/Off/Dim Push-Button WallPod
- nCM ADCX Daylight Sensor with Automatic Dimming Control
- nCM PDT 9 Dual Technology Occupancy Sensor

**Description:** This design provides a dual on/off/dim wall station that enables manual control of the fixtures in Row A and Row B separately. Additionally, a daylight harvesting sensor is provided so the lights in Row B can be configured to dim automatically when daylight is available. An occupancy sensor turns off all lights when the space is vacant.



**Choose Wall Controls**

nLight offers multiple styles of wall controls - each with varying features and user experience.



**Push-Button Wallpod**  
Traditional tactile buttons and LED user feedback



**Graphic Wallpod**  
Full color touch screen provides a sophisticated look and feel

nLight® Controls Accessories:			
Order as separate catalog number. Visit <a href="http://www.sensorswitch.com/nLight">www.sensorswitch.com/nLight</a> for complete listing of nLight controls.			
WallPod Stations	Model number	Occupancy sensors	Model Number
On/Off	nPODM (Color)	Small motion 360°, ceiling (PIR/dual Tech)	nCM 9 / nCM PDT 9
On/Off & Raise/Lower	nPOD DX (Color)	Large motion 360°, ceiling (PIR/dual tech)	nCM 10 / nCM PDT 10
Graphic Touchscreen	nPOD GFX (Color)	Wide View (PIR/dual tech)	nWV 16 / nWV PDT 16
Photocell controls	Model Number	Wall Switch w/ Raise/Lower (PIR/dual tech)	nWSX LV DX / nWSX PDT LV DX
Dimming	nCM ADCX	Cat-5 cables (plenum rated)	Model Number
		10', CAT5 10FT	CAT5 10FT J1
		15', CAT5 15FT	CAT5 15FT J1



**Capable Luminaire**

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning.

- All configurations of this luminaire meet the Acuity Brand's specification for chromatic consistency.
- This luminaire is part of an A+ Certified solution for nLight control networks when ordered with drivers marked by a Shaded background\*
- This Luminaire is part of an A+ Certified solution for nLight control networks, providing advanced control functionality at the luminaire level, when selection includes driver and control options marked by a shaded background\*

To learn more about A+, visit [www.acuitybrands.com/aplus](http://www.acuitybrands.com/aplus).

\*See ordering tree for details