

6"

Architectural LED Cylinder

EPC-6-WM

Cylinder Series



Application

A complete family of cylinders for downlight, wallwashers, double wallwashers, and corner wallwashers in multiple, mounting options, beam spreads and apertures designed for commercial, civic, museums, corporate, hospitality, academic, retail, medical, and houses of worship.

Features

- Exceptional Optical Quality: Up to 98 CRI, 1x2 Step MacAdam Ellipse.
- Shipped standard with a Solite Beam Smoother lens that removes striations from the light source.
- Available with a multitude of dimming protocols and control offerings.

Nominal Lumens	Delivered Lumens	Wattage
900L	1065	12
1200L	1422	16
1500L	1785	20
2000L	2252	28
3000L	3374	36
4000L	4649	46
5000L	5625	61
6000L	6542	76

Based on 4000K, 90+ CRI with semi-specular chrome reflector. Actual wattage may vary +/-5%

Lumens	High Performance: 900, 1200, 1500, 2000, 3000, 4000, 6000 Dims to Warm: 900, 1200, 1500, 2000 Xicato Artist: 900, 1200, 1500, 2000, 3000 Natural Spectrum: 900, 1200, 1500, 2000, 3000
CCT & Dynamic Platforms	High Performance: 22K, 27K, 30K, 35K, 40K, 50K Dims to Warm: 30K-18K, 30K-22K, 27K-18K Xicato Artist: 27K, 30K, 30K-VIB, 35K, 40K Natural Spectrum: 27K, 30K, 35K, 40K, 50K, 65K
CRI	High Performance: 90+, 98+ Dims to Warm: 90+ Xicato Artist: 98+ Natural Spectrum: 97+
Color Quality	2 Step MacAdam Ellipse
Distributions	NSPD (Narrow Spot 15°), SPD (Spot 24°), ND (Narrow 30°), MD (Medium 36°), MWD (Medium Wide 52°), WD (Wide 60°), VWD (Very Wide 70°)
Trim Options	Downlight, Wall Wash, Double Wall Wash, Corner Wall Wash, Wet Location
Reflector Colors	CL (Semi-Specular Chrome), SHZ (Low Iridescent Satin Haze), WT (Wheat), W (White), MB (Black), BZ (Bronze)
Flange Colors	Self-Flanged WH (White), SCH (Semi-Specular Chrome), SHZ (Low Iridescent Satin Haze), BK (Black), BZ (Bronze)
Dimming	DIM10, LUTH, LUTFTB, ELDO10.1-LIN, ELDODMX.1, ELDODALI.1, DIMTR, BLE-CASAMBI, POE, DIM10-0-OFF, ELDO10-LOG, XSR, DIM10-AUX
Emergency	EMG-LED-10W, EMG-LED-20W, INTG-EMG-LED-10W, INTG-EMG-LED-20W, EMG-LED-G2-10W-SDT
Lifetime	L70 at 102,000 Hours
Photometric Tests	In Accordance with IES LM79-08, LM80 and TM-30, TM-21



6"

Architectural LED Cylinder

EPC-6-WM

Cylinder Series

PART NUMBER: **EPC-6-WM-900L-22K-90-NSPD-DIM10-120V**

Series	Lumens	CCT	CRI	Optics	Driver	Voltage	Emergency
EPC-6-WM	900L 1200L 1500L 2000L 3000L 4000L 6000L	22K 27K 30K 35K 40K 50K¹	90+ 98+²	NSPD Narrow Spot (15°) SPD Spot (24°) ND Narrow (30°) MD Medium (36°) MWD Medium Wide (52°) WD Wide (60°) VWD Very Wide (70°)	DIM10 LUTH LUTFTB⁴ ELDO10.1-LIN ELDODMX.1 ELDODALI.1 DIMTR³ BLE-CASAMBI POE DIM10-0-OFF ELDO10-LOG XSR DIM10-AUX	120V 277V MVOLT 347V⁵	- EMG-LED-10W EMG-LED-20W INTG-EMG-LED-10W INTG-EMG-LED-20W EMG-LED-G2-10W-SDT

¹ 50K series are available with 85+ CRI only ² 98+ CRI is available in 27K, 30K and 40K only ³ DIMTR available for luminaires up to 4000L in 120V only ⁴ LUTFTB Available for luminaires up to 1500L ⁵ 347V is available in only DIM10 ⁶ The 8000L is available in only DIM10

PART NUMBER: **EPC-6-WM-WDM-30K-18K-900L-90-NSPD-DIMTR-120V**

Series	Technology	Lumens	CRI	Optics	Driver	Voltage	Emergency
EPC-6-WM-WDM <i>(Dim to Warm)</i>	30K-18K 30K-22K 27K-18K	900L 1200L 1500L 2000L	90+	NSPD Narrow Spot (15°) SPD Spot (24°) ND Narrow (30°) MD Medium (36°) MWD Medium Wide (52°) WD Wide (60°) VWD Very Wide (70°)	DIMTR¹ DIM10 LUTH ELDO10.1 ELDODALI.1 ELDODMX.1	120V 277V MVOLT 347V²	- EMG-LED-10W EMG-LED-20W INTG-EMG-LED-10W INTG-EMG-LED-20W EMG-LED-G2-10W-SDT

¹ DIMTR available in 120V only ² 347V is available in only DIM10

6"

Architectural LED Cylinder

EPC-6-WM

Cylinder Series

PART NUMBER: **EPC-6-WM-XIA-900L-27K-98-NSPD-DIM10-120V**

Series	Lumens	CCT	CRI	Optics	Driver	Voltage	Emergency
EPC-6-WM-XIA <i>(Xicato Artist)</i>	900L 1200L 1500L 2000L 3000L	27K 30K 30K-VIB 35K 40K	98+	NSPD Narrow Spot (15°) SPD Spot (24°) ND Narrow (30°) MD Medium (36°) MWD Medium Wide (52°) WD Wide (60°) VWD Very Wide (70°)	DIM10 LUTH LUTFTB⁴ ELDO10.1-LIN ELDODMX.1 ELDODALI.1 DIMTR³ BLE-CASAMBI POE DIM10-0-OFF ELDO10-LOG XSR DIM10-AUX	120V 277V MVOLT 347V ³	- EMG-LED-10W EMG-LED-20W INTG-EMG-LED-10W INTG-EMG-LED-20W EMG-LED-G2-10W-SDT

¹ DIMTR available in 120V only ² LUTFTB Available for luminaires up to 1500L ³ 347V is available in only DIM10

PART NUMBER: **EPC-6-WM-NSL-900L-27K-97-NSPD-DIM10-120V**

Series	Lumens	CCT	CRI	Optics	Driver	Voltage	Emergency
EPC-6-WM-NSL <i>(Natural Spectrum)</i>	900L 1200L 1500L 2000L 3000L	27K 30K 35K 40K 50K 65K	97+	NSPD Narrow Spot (15°) SPD Spot (24°) ND Narrow (30°) MD Medium (36°) MWD Medium Wide (52°) WD Wide (60°) VWD Very Wide (70°)	DIM10 LUTH LUTFTB⁴ ELDO10.1-LIN ELDODMX.1 ELDODALI.1 DIMTR³ BLE-CASAMBI POE DIM10-0-OFF ELDO10-LOG XSR DIM10-AUX	120V 277V MVOLT 347V ³	- EMG-LED-10W EMG-LED-20W INTG-EMG-LED-10W INTG-EMG-LED-20W EMG-LED-G2-10W-SDT

¹ DIMTR available in 120V only ² LUTFTB Available for luminaires up to 1500L ³ 347V is available in only DIM10


























6"

Architectural LED Cylinder

EPC-6-WM

Cylinder Series

ORDER GUIDE

REFLECTOR TYPE				MOUNTING	COLOR					
REFLECTOR TYPE				MOUNTING	COLOR					
Open Downlight EPD-6-601 	Wall Wash EPD-6-607 	Double Wall Wash EPD-6-677 	Corner Wall Wash EPD-6-627 	Flanged 	ANODIZED FLANGED					
					Clear White CL-WH 	Clear Bronze CL-BZ 	Black White BK-WH 	Satin Haze SHZ-SHZ 	Wheat WT-WT 	
					Clear Semi-Spec CL-SCH 	Satin Haze White SHZ-WH 	Black BK-BK 	Satin Haze Black SHZ-BK 		
					Clear Black CL-BK 	White WH-WH 	Bronze BZ-BZ 	Wheat White WT-WH 		
Open Downlight EPD-6-TL-601 	Wall Wash EPD-6-TL-607 			Trimless 	ANODIZED TRIMLESS					
					White WH 	Black BK 	Clear CL 	Satin Haze SHZ 		



6"

Architectural LED Cylinder

EPC-6-WM

Cylinder Series

Modifications Available

Consult factory for modification requests; orders may require shop drawing approval.

Downlight

Our signature anodized reflector, spun to a reverse parabola design, achieves a 50° shielding angle and a 40° cut-off, which eliminates inter-reflections, and enhances low aperture brightness

Wall Wash

The optical assembly delivers uniform ceiling-to-floor wallwashing without creating any visible scallops. The optical assembly is specially designed to extend a beam in two directions for a uniform floor-to-ceiling and side-to-side wash of light.

Double Wall Wash

Used in a corridor to wash both walls, providing both horizontal and vertical illumination that fully illuminates corridors and hallways.

Corner Wall Wash

Replacing the effect that two luminaires provide, a corner wallwasher kicks light across corners that run perpendicular to one another, ultimately providing a 210° wash of light fully covering conjoined walls and surfaces.

Optical Performance and Trim

Spun aluminum anodized single piece reflector. The optical system consists of 1) an upper reflector for a precise beam spread; 2) a solite soft focus lens to diffuse the light source for smooth, striation-free distribution; 3) and a patented lens to control the beam angle and provide a 40° visual cutoff. Available in a variety of beam angles. Integral heatsink comes preinstalled on the housing for maximum heat dissipation and locks together with the reflector to prevent zero light leakage for above the ceiling.

Fully Servicable - Easy Installation & Upgrading

Wall mount bracket provided for direct installation with 3-1/4" to 4" octagonal and square junction box. "

Housing / Mounting

Die-formed constructed cylinder body for maximum heat dissipation and rust protection. Cylinder is vaiable inaa a variety of post painted colors and and custom RAL colors.

Drivers

120/277V 50/60Hz; 347V available. THD < 20%; power factor >.09. Thermally protected. Removal of the reflector provides complete accessibility to the junction box, driver and internal components from above and below the ceiling through the aperture.

Dim to Warm Option

Dims to Warm simulates traditional incandescent halogen lighting through dimming. When the luminaire dims to warm from 100% to .1%, it makes a smooth transition across the black body radiator while maintaining a constant CRI of 90+. Available in 30K-18K, 30K-22K or 27K-18K range.

Xicato Artist Series LED Module (XIA)

Powered by Xicato Artist Series®, which are tested to IES TM-30-15, with a color fidelity score (Rf) of 96 and a color gamut score (Rg) of 102, and color shift less than du'v' of 0.003. Featuring cold phosphor technology, improving thermal management enhancing color consistency and delaying lumen depreciation.

Natural Spectrum (NSL)

Natural Spectrum LED option id designed for Human Centric lighting application. Natural Spectrum LEDs diminish blue light peak, similar spectral curve to sunlight, accurate rendering of colors and reduced scattered reflection and glare.

Dimming & Driver Information

DIM10 - 0-10V dimming on either MVOLT 120, 277 or 347V. Dimmable down to 1% of initial lumens, standard

LUTH - Lutron LDE1 Hi-Lume Eco System with Soft Fade to Black 1% dimming

LUTFTB - Lutron PEQO Hi-Lume Premier Eco System LED Driver with soft-on fade to black 0.1% dimming

ELDO10.1-LIN - ELDO10-Linear with linear dimming curve.

ELDODMX.1 - EldoLED PowerDrive dimming down to 0.1%. Please see EldoLED website for wiring diagrams and a list of compatible DMX and DALI control systems.

ELDODALI.1 - EldoLED SoloDrive DALI-2. Dimming down to 0.1%

DIMTR - Triac & Electronic low voltage forwardp hase dimming. Available in 120V only

BLE-CASAMBI - Luminaires may be controlled, grouped, scheduled or placed in scenes , and or zones Via Cassambi Bluetooth 4.0 App.

POE - Power-over-Ethernet Depending on the PoE manufacturer selected

DIM10-0-OFF - Program DIM10-to OFF withlinear dimming curve 0.1%

ELDO10-LOG - ELDO10-LOG with logarithmic dimming curve.

XSR - Xitanium SR Dimming

DIM10-AUX - 0-10V with Auxiliry power

ELDO10.1 - EldoLED SoloDrive 0-10V. Dimming down to 0.1%

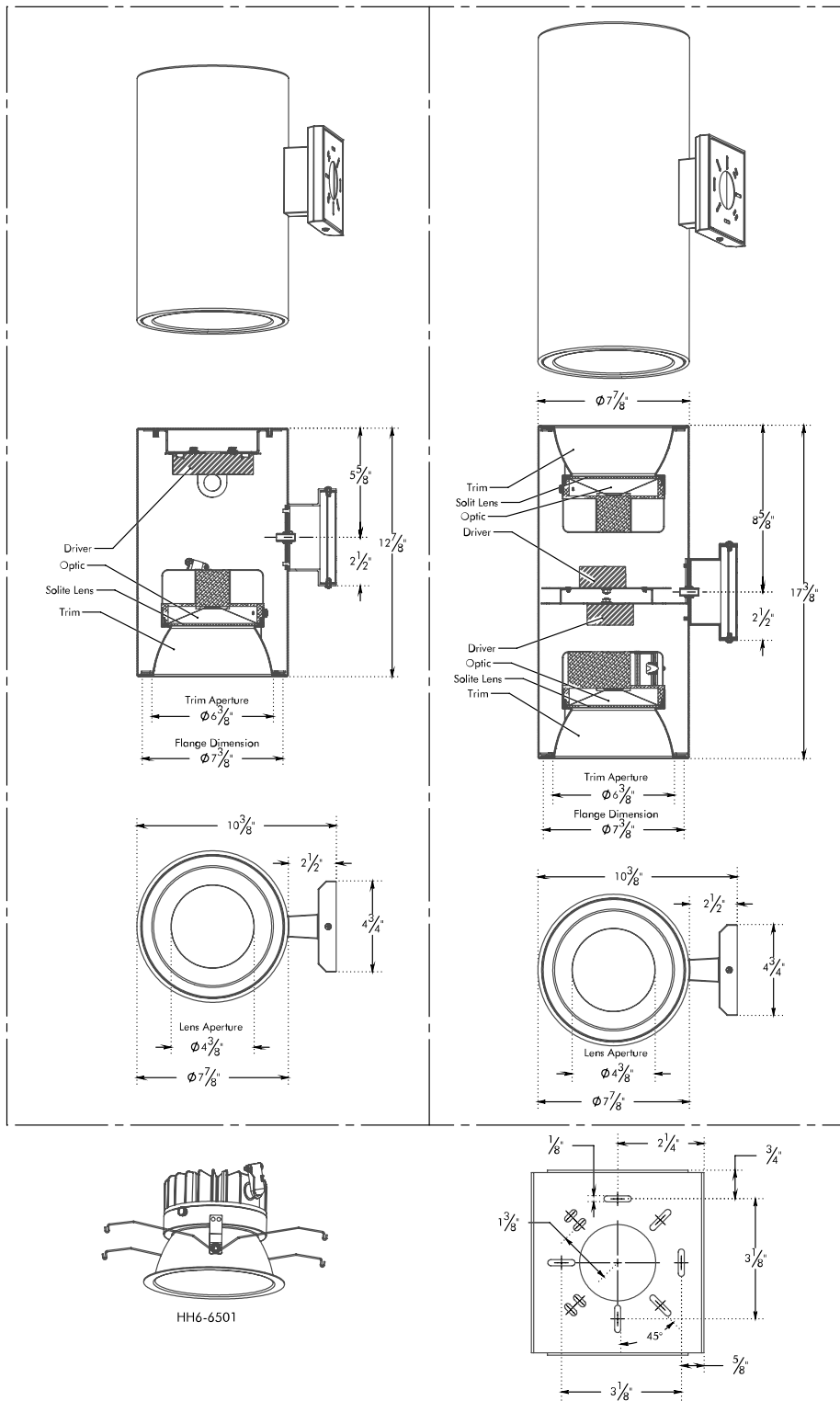


6"

Architectural LED Cylinder

EPC-6-WM

Cylinder Series



6"

Architectural LED Cylinder

EPC-6-WM

Cylinder Series

EPC-6-WM-4000L-40K-90-NSPD-DIM10-MVOLT-EPD-6-601-CL-WH

TEST NO.: EL05112270

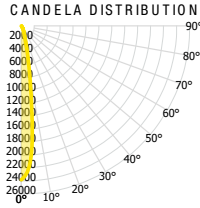
INPUT WATTS: 38.6

LUMENS: 3986

EFFICACY: 103

BEAM ANGLE: 19

SPACING CRITERIA: 0.26



CANDELA TABLE

	0°	90°
0°	23792	23792
10°	7538	10215
20°	1485	1942
30°	596	690
40°	202	250
50°	62	73
60°	9	14
70°	1	1
80°	0	0
90°	0	0

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	905757	905757
45.00°	5537	6698
55.00°	1777	2295
65.00°	187	208
75.00°	90	110
85.00°	31	35

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	1691
10° - 20°	1327
20° - 30°	535
30° - 40°	283
40° - 50°	108
50° - 60°	35
60° - 70°	4
70° - 80°	1
80° - 90°	0

ZONAL LUMEN SUMMARY

ZONE	UMENS	% LUMINAIRE
0° - 20°	3018	76%
0° - 30°	3553	89%
0° - 40°	3836	96%
0° - 60°	3979	100%
0° - 80°	3984	100%
0° - 90°	3984	100%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 ft	660.9 fc	2.0 ft	2.0 ft
8.0 ft	371.8 fc	2.7 ft	2.6 ft
10.0 ft	237.9 fc	3.4 ft	3.3 ft
12.0 ft	165.2 fc	4.1 ft	4.0 ft
14.0 ft	121.4 fc	4.7 ft	4.6 ft
16.0 ft	92.9 fc	5.4 ft	5.3 ft
18.0 ft	73.4 fc	6.1 ft	6.0 ft
20.0 ft	59.5 fc	6.8 ft	6.6 ft

INDOOR COEFFICIENTS OF UTILIZATION

pf	pc	80%			70%			20%			50%			30%			10%			0%		
		70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
0	119	119	119	119	119	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102	100	0%
1	115	113	111	109	112	111	109	107	107	105	104	103	102	101	100	99	98	98	98	98	96	0%
2	111	107	104	102	109	106	103	101	103	100	98	100	98	96	97	96	94	94	93	94	93	0%
3	107	103	99	96	106	101	98	95	99	96	94	97	94	92	94	92	94	93	91	90	90	0%
4	104	99	95	91	102	97	94	91	95	92	90	94	91	89	92	90	88	87	88	87	87	0%
5	101	95	91	88	99	94	90	87	92	89	87	91	88	86	89	87	85	84	85	84	84	0%
6	98	92	87	84	97	91	87	84	90	86	84	88	85	83	87	85	83	81	81	80	81	0%
7	95	89	84	82	94	88	84	81	87	83	81	86	83	81	85	82	80	79	79	78	77	0%
8	93	86	82	79	92	86	82	79	85	81	79	84	81	78	83	80	78	77	77	76	75	0%
9	90	84	80	77	89	83	79	77	82	79	76	82	78	76	81	78	76	75	74	73	72	0%
10	88	81	77	75	87	81	77	75	80	77	74	80	77	74	79	76	74	73	72	71	70	0%

EPC-6-WM-4000L-40K-90-SPD-DIM10-MVOLT-EPD-6-601-CL-WH

TEST NO.: EL05112270

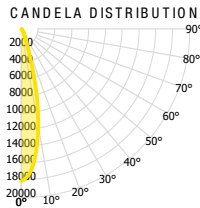
INPUT WATTS: 38.6

LUMENS: 4575

EFFICACY: 119

BEAM ANGLE: 27

SPACING CRITERIA: 0.42



CANDELA TABLE

	0°	90°
0°	18099	18099
10°	11695	13524
20°	2196	3060
30°	722	807
40°	254	284
50°	75	84
60°	11	14
70°	1	1
80°	0	0
90°	0	0

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	689034	689034
45.00°	6994	7930
55.00°	2028	2470
65.00°	213	222
75.00°	112	121
85.00°	35	44

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	1475
10° - 20°	1937
20° - 30°	651
30° - 40°	330
40° - 50°	133
50° - 60°	42
60° - 70°	5
70° - 80°	1
80° - 90°	0

ZONAL LUMEN SUMMARY

ZONE	UMENS	% LUMINAIRE
0° - 20°	3411	75%
0° - 30°	4062	89%
0° - 40°	4392	96%
0° - 60°	4567	100%
0° - 80°	4573	100%
0° - 90°	4573	100%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 ft	502.8 fc	2.9 ft	2.8 ft
8.0 ft	282.8 fc	3.8 ft	3.8 ft
10.0 ft	181.0 fc	4.8 ft	4.7 ft
12.0 ft	125.7 fc	5.7 ft	5.7 ft
14.0 ft	92.3 fc	6.7 ft	6.6 ft
16.0 ft	70.7 fc	7.7 ft	7.6 ft
18.0 ft	55.9 fc	8.6 ft	8.5 ft
20.0 ft	45.2 fc	9.6 ft	9.4 ft

INDOOR COEFFICIENTS OF UTILIZATION

pf	pc	80%			70%			20%			50%			30%			10%			0%		
		70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102	100	0%
1	115	112	110	109	112	110	109	107	106	105	104	103	102	101	99	98	98	98	98	98	96	0%
2	111	107	104	101	108	105	102	100	102	100	98	99	97	96	96	95	94	92	92	91	90	0%
3	107	102	98	95	105	100	97	94	98	95	93	96	93	91	93	91	89	88	88	87	87	0%
4	103	97	93	90	101	96	92	89	94	91	88	92	90	87	91	88	86	85	85	84	83	0%
5	100	93	89	86	98	92	88	85	91	87	85	89	86	84	88	85	83	82	82	81	80	0%
6	96	90	85	82	95	89	85	82	88	84	81	86	83	81	85	82	80	79	79	78	77	0%
7	93	86	82	79	92	86	82	79	85	81	78	84	80	78	83	80	78	77	76	75	74	0%
8	91	84	79	76	90	83	79	76	82	78	76	81	78	75	80	77	75	74	74	73	72	0%
9	88	81	76	73	87	80	76	73	80	76	73	79	75	73	78	75	73	72	72	71	70	0%
10	85	78	74	71	85	78	74	71	77	74	71	77	73	71	76	73	71	70	70	69	68	0%



WWW.EPL.COM | 718.685.0700 | NEW YORK / LOS ANGELES

6"

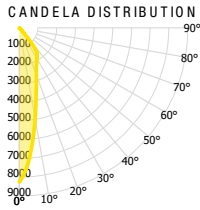
Architectural LED Cylinder

EPC-6-WM Cylinder Series

EPC-6-WM-4000L-40K-90-ND-DIM10-MVOLT-EPD-6-601-CL-WH

TEST NO.: EL05112270

INPUT WATTS: 38.5 LUMENS: 4390 EFFICACY: 114 BEAM ANGLE: 29 SPACING CRITERIA: 0.41



CANDELA TABLE

	0°	90°
0°	8250	8250
10°	4918	5790
20°	2668	2925
30°	1897	2004
40°	845	1167
50°	123	136
60°	39	46
70°	6	5
80°	1	1
90°	0	0

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	314092	314092
45.00°	10848	13237
55.00°	4866	5380
65.00°	886	832
75.00°	437	424
85.00°	135	114

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	660
10° - 20°	1130
20° - 30°	1084
30° - 40°	1063
40° - 50°	348
50° - 60°	80
60° - 70°	19
70° - 80°	4
80° - 90°	1

ZONAL LUMEN SUMMARY

ZONE	UMENS	% LUMINAIRE
0° - 20°	1789	41%
0° - 30°	2873	65%
0° - 40°	3937	90%
0° - 60°	4365	99%
0° - 80°	4388	100%
0° - 90°	4388	100%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 ft	229.2 fc	3.1 ft	3.0 ft
8.0 ft	128.9 fc	4.1 ft	4.0 ft
10.0 ft	82.5 fc	5.1 ft	5.0 ft
12.0 ft	57.3 fc	6.2 ft	6.0 ft
14.0 ft	42.1 fc	7.2 ft	7.0 ft
16.0 ft	32.2 fc	8.2 ft	8.0 ft
18.0 ft	25.5 fc	9.2 ft	9.0 ft
20.0 ft	20.6 fc	10.3 ft	10.0 ft

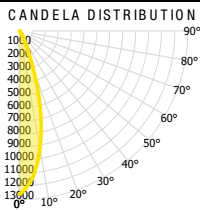
INDOOR COEFFICIENTS OF UTILIZATION

pc	80%			70%				20%				50%				30%				10%				0%			
	pw	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%
0	119	119	119	119	119	116	116	116	111	111	106	106	106	106	102	102	102	102	100	100	100	100	100	100	100	100	100
1	113	111	108	106	111	109	106	104	104	103	101	99	98	97	96	95	93	90	92	90	88	87	85	82	81	81	81
2	108	103	99	95	106	101	98	94	98	95	92	95	93	90	92	90	88	87	85	82	81	80	78	75	75	75	70
3	102	96	91	87	100	95	90	86	92	88	85	89	86	84	87	85	82	81	79	77	75	74	72	71	70	67	65
4	97	90	84	80	95	88	83	79	86	82	78	84	81	77	82	79	77	75	74	71	70	68	66	64	63	61	61
5	92	84	78	74	91	83	77	73	81	76	73	79	75	72	78	74	71	70	67	65	63	62	61	60	59	58	58
6	88	79	73	68	86	78	72	68	76	71	68	75	71	67	74	70	67	65	63	61	60	59	58	57	56	54	54
7	83	74	68	64	82	73	68	64	72	67	63	71	66	63	70	66	63	61	59	57	56	55	54	53	52	51	51
8	79	70	64	60	78	69	64	60	68	63	59	67	63	59	66	62	59	58	57	56	55	54	53	52	51	50	50
9	76	66	60	56	75	66	60	56	65	60	56	64	59	56	63	59	56	55	54	53	52	51	50	49	48	47	47
10	72	63	57	53	71	62	57	53	61	56	53	61	56	53	60	56	53	52	51	50	49	48	47	46	45	44	44

EPC-6-WM-4000L-40K-90-MD-DIM10-MVOLT-EPD-6-601-CL-WH

TEST NO.: EL05112270

INPUT WATTS: 38.7 LUMENS: 4576 EFFICACY: 118 BEAM ANGLE: 34 SPACING CRITERIA: 0.50



CANDELA TABLE

	0°	90°
0°	12618	12618
10°	9225	9999
20°	3340	4245
30°	738	925
40°	207	265
50°	72	93
60°	10	14
70°	1	1
80°	0	0
90°	0	0

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	480355	480355
45.00°	6651	8234
55.00°	1872	2742
65.00°	211	223
75.00°	106	115
85.00°	35	39

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	1081
10° - 20°	1990
20° - 30°	1000
30° - 40°	334
40° - 50°	122
50° - 60°	41
60° - 70°	5
70° - 80°	1
80° - 90°	0

ZONAL LUMEN SUMMARY

ZONE	UMENS	% LUMINAIRE
0° - 20°	3070	67%
0° - 30°	4070	89%
0° - 40°	4404	96%
0° - 60°	4568	100%
0° - 80°	4573	100%
0° - 90°	4574	100%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 ft	350.5 fc	3.6 ft	3.6 ft
8.0 ft	197.2 fc	4.8 ft	4.8 ft
10.0 ft	126.2 fc	6.0 ft	6.0 ft
12.0 ft	87.6 fc	7.3 ft	7.2 ft
14.0 ft	64.4 fc	8.5 ft	8.4 ft
16.0 ft	49.3 fc	9.7 ft	9.6 ft
18.0 ft	38.9 fc	10.9 ft	10.8 ft
20.0 ft	31.5 fc	12.1 ft	12.0 ft

INDOOR COEFFICIENTS OF UTILIZATION

pc	80%			70%				20%				50%				30%				10%				0%			
	pw	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	100	100	100	100	100	100	100	100	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	96	94	93	91	90	89	88	87	87
2	110	106	103	100	108	104	101	99	101	99	97	98	96	95	96	94	93	91	90	88	87	86	85	84	83	82	82
3	106	101	96	93	104	99	95	92	97	94	91	94	92	90	92	90	88	87	85	84	83	82	81	80	79	78	78
4	102	96	91	88	100	95	90	87	93	89	86	91	88	85	89	86	84	83	81	80	79	78	77	76	75	74	74
5	98	91	87	83	97	90	86	83	89	85	82	87	84	81	86	83	81	79	78	77	76	75	74	73	72	71	71
6	95	87	83	79	93	87	82	79	85	81	78	84	81	78	83	80	77	76	75	74	73	72	71	70	69	68	68
7	91	84	79	76	90	83	79	75	82	78	75	81	77	75	80	77	74	73	72	71	70	69	68	67	66	65	65
8	88	80	76	72	87	80	75	72	79	75	72	78	74	72	77	74	71	70	69	68	67	66	65	64	63	62	62
9	85	77	73	70	84	77	72	69	76	72	69	75	72	69	75	71	69	68	67	66	65	64	63	62	61	60	60
10	82	75	70	67	82	74	70	67	74	69	67	73	69	66	72	69	66	65	64	63	62	61	60	59	58	57	57



6"

Architectural LED Cylinder

EPC-6-WM

Cylinder Series

EPC-6-WM-4000L-40K-90-VWD-DIM10-MVOLT-EPD-6-601-CL-WH

TEST NO.: EL05112270

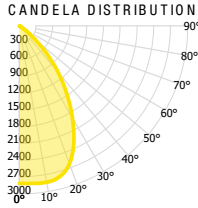
INPUT WATTS: 38.6

LUMENS: 3979

EFFICACY: 103

BEAM ANGLE: 74

SPACING CRITERIA: 1.06



CANDELA TABLE

	0°	90°
0°	2813	2813
10°	2833	2805
20°	2619	2639
30°	1899	2009
40°	1077	1199
50°	340	440
60°	39	57
70°	6	7
80°	1	2
90°	0	0

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	107095	107095
45.00°	36820	43347
55.00°	8980	11859
65.00°	973	1122
75.00°	444	528
85.00°	122	157

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	270
10° - 20°	788
20° - 30°	1097
30° - 40°	997
40° - 50°	617
50° - 60°	184
60° - 70°	20
70° - 80°	4
80° - 90°	1

ZONAL LUMEN SUMMARY

ZONE	UMENS	% LUMINAIRE
0° - 20°	1058	27%
0° - 30°	2155	54%
0° - 40°	3152	79%
0° - 60°	3953	99%
0° - 80°	3977	100%
0° - 90°	3977	100%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 ft	78.1 fc	9.1 ft	9.1 ft
8.0 ft	44.0 fc	12.1 ft	12.1 ft
10.0 ft	28.1 fc	15.1 ft	15.1 ft
12.0 ft	19.5 fc	18.1 ft	18.2 ft
14.0 ft	14.4 fc	21.1 ft	21.2 ft
16.0 ft	11.0 fc	24.2 ft	24.2 ft
18.0 ft	8.7 fc	27.2 ft	27.2 ft
20.0 ft	7.0 fc	30.2 ft	30.3 ft

INDOOR COEFFICIENTS OF UTILIZATION

ρ _l	ρ _w	80%				70%				20%				0%				
		70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%		
0	119	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	100
1	113	110	107	104	110	107	105	103	103	101	100	100	98	97	96	95	94	92
2	106	101	96	92	104	99	95	91	96	92	89	93	90	87	90	87	85	84
3	100	92	87	82	98	91	86	82	88	84	80	86	82	79	84	80	78	76
4	94	85	79	74	92	84	78	74	82	77	73	80	75	72	78	74	71	69
5	88	79	72	67	86	78	71	67	76	70	66	74	69	65	72	68	65	63
6	83	73	66	61	81	72	65	61	70	64	60	69	64	60	67	63	59	58
7	78	67	60	56	76	67	60	56	65	59	55	64	59	55	63	58	55	53
8	73	63	56	51	72	62	56	51	61	55	51	60	54	51	59	54	50	49
9	69	58	52	47	68	58	51	47	57	51	47	56	51	47	55	50	47	45
10	65	55	48	44	64	54	48	44	53	47	44	52	47	43	52	47	43	42

