

10"

Architectural LED Cylinder

EPC-10-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, 1×2 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	1091	12
1200L	1439	16
1500L	1782	22
2000L	2382	28
3000L	3512	44
4000L	4638	48
6000L	6412	78

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, 8000 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



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

Last Update: Jul 31, 2024 - 12:02:33 ©Ali

10"

Architectural LED Cylinder

EPC-10-WM

Cylinder Series

PART NUMBER: EPC-10-WM-900L-22K-90-NSPD-DIM10-120V

Series	Lumens	CCT	CRI	Optics	Driver	Voltage	Emergency
EPC-10-WM	900L	22K	90+	NSPD	DIM10	120V	-
	1200L	27K	98+ ²	Narrow Spot (15°)	LUTH	277V	EMG-LED-10W
	1500L	30K		SPD	LUTFTB ⁴	MVOLT	EMG-LED-20W
	2000L	35K		Spot (24°)	ELDO10.1-LIN	347V ⁵	INTG-EMG-LED-10W
	3000L	40K		ND	ELDODMX.1		INTG-EMG-LED-20W
	4000L	50K ¹		Narrow (30°)	ELDODALI.1		EMG-LED-G2-10W-SDT
	6000L			MD	DIMTR ³		
8000L ⁶				Medium (36°)	BLE-CASAMBI		
				MWD	POE		
				Medium Wide (52°)	DIM10-0-OFF		
				WD	ELDO10-LOG		
				Wide (60°)	XSR		
				VWD	DIM10-AUX		
				Very Wide (70°)			

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-10-WM-WDM-30K-18K-900L-90-NSPD-DIMTR-120V

Series	Technology	Lumens	CRI	Optics	Driver	Voltage	Emergency
EPC-10-WM-WDM (Dim to Warm)	30K-18K	900L	90+	NSPD	DIMTR ¹	120V	-
	30K-22K	1200L		Narrow Spot (15°)	DIM10	277V	EMG-LED-10W
	27K-18K	1500L		SPD	LUTH	MVOLT	EMG-LED-20W
		2000L		Spot (24°)	ELDO10.1	347V ²	INTG-EMG-LED-10W
				ND	ELDODALI.1		INTG-EMG-LED-20W
				Narrow (30°)	ELDODMX.1		EMG-LED-G2-10W-SDT
				MD			
				Medium (36°)			
				MWD			
				Medium Wide (52°)			
				WD			
				Wide (60°)			
				VWD			
				Very Wide (70°)			

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

10"

Architectural LED Cylinder

EPC-10-WM

Cylinder Series

PART NUMBER: EPC-10-WM-XIA-900L-27K-98-NSPD-DIM10-120V

Series	Lumens	CCT	CRI	Optics	Driver	Voltage	Emergency
EPC-10-WM-XIA (Xicato Artist)	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 LUTFTB ⁴ ELDO10.1-LIN ELDODMX.1 ELDODALI.1 DIMTR ³ 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-10-WM-NSL-900L-27K-97-NSPD-DIM10-120V

Series	Lumens	CCT	CRI	Optics	Driver	Voltage	Emergency
EPC-10-WM-NSL (Natural Spectrum)	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 LUTFTB ⁴ ELDO10.1-LIN ELDODMX.1 ELDODALI.1 DIMTR ³ 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

10"

Architectural LED Cylinder

EPC-10-WM

Cylinder Series

ORDER GUIDE

REFLECTOR TYPE				MOUNTING	COLOR			
REFLECTOR TYPE				MOUNTING	COLOR			
Open Downlight EPD-10-101	Wall Wash EPD-10-107	Double Wall Wash EPD-10-177	Corner Wall Wash EPD-10-127	Flanged 	ANODIZED FLANGED			
					Clear White CL-WH 	Satin Haze White SHZ-WH 	Black BK-BK 	
					Clear Semi-Spec CL-SCH 	White WH-WH 	Satin Haze SHZ-SHZ 	
					Clear Black CL-BK 	Black White BK-WH 	Wheat White WT-WH 	
Open Downlight EPD-10-TL-101	Wall Wash EPD-10-TL-107			Trimless 	ANODIZED TRIMLESS			
					White WH 	Black BK 	Clear CL 	Satin Haze SHZ 



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

10"

Architectural LED Cylinder

EPC-10-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 innaa 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%

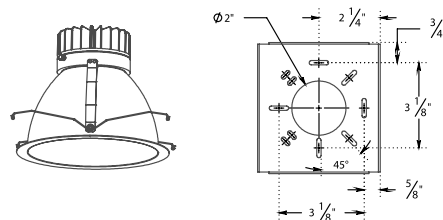
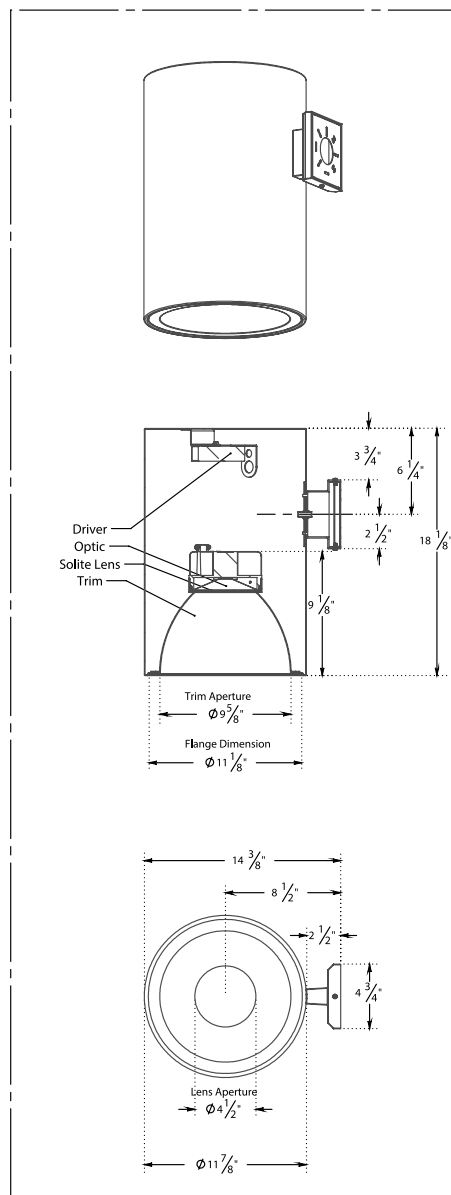


10"

Architectural LED Cylinder

EPC-10-WM

Cylinder Series



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

10"

Architectural LED Cylinder

EPC-10-WM

Cylinder Series

EPC-10-WM-4000L-40K-90-NSPD-DIM10-MVOLT-EPD-10-101

TEST NO.: EL052522137

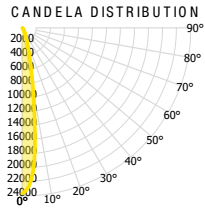
INPUT WATTS: 41.0

LUMENS: 4100

EFFICACY: 100

BEAM ANGLE: 20°

SPACING CRITERIA: 0.28



CANDELA TABLE

	0°	90°
0°	23653	23653
10°	8965	9372
20°	1851	1923
30°	625	651
40°	145	152
50°	24	26
60°	2	2
70°	1	1
80°	0	0
90°	0	0

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	506499	506499
45.00°	2196	2157
55.00°	142	149
65.00°	51	51
75.00°	30	30
85.00°	17	15

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	1711
10° - 20°	1454
20° - 30°	580
30° - 40°	269
40° - 50°	72
50° - 60°	10
60° - 70°	1
70° - 80°	0
80° - 90°	0

ZONAL LUMEN SUMMARY

ZONE	UMENS	% LUMINAIRE
0° - 20°	3165	77%
0° - 30°	3745	91%
0° - 40°	4014	98%
0° - 60°	4096	100%
0° - 80°	4098	100%
0° - 90°	4098	100%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 ft	657.0 fc	2.1 ft	2.1 ft
8.0 ft	369.6 fc	2.8 ft	2.8 ft
10.0 ft	236.5 fc	3.4 ft	3.4 ft
12.0 ft	164.3 fc	4.1 ft	4.1 ft
14.0 ft	120.7 fc	4.8 ft	4.8 ft
16.0 ft	92.4 fc	5.5 ft	5.5 ft
18.0 ft	73.0 fc	6.2 ft	6.2 ft
20.0 ft	59.1 fc	6.9 ft	6.9 ft

INDOOR COEFFICIENTS OF UTILIZATION

pr pc pw	20%																		0%
	80%				70%				50%		30%		10%		10%		0%		
	70%	50%	30%	10%	70%	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	100	
1	115	113	111	109	113	111	109	107	107	105	104	103	102	101	100	99	98	97	
2	111	108	105	102	109	106	103	101	103	101	99	100	98	97	97	96	95	93	
3	108	103	99	97	106	102	98	96	99	97	94	97	95	93	95	93	92	90	
4	104	99	95	92	103	98	94	92	96	93	91	94	92	90	92	90	89	87	
5	101	95	91	88	100	95	91	88	93	90	87	92	89	87	90	88	86	85	
6	98	92	88	85	97	92	88	85	90	87	84	89	86	84	88	85	83	82	
7	96	89	85	82	95	89	85	82	88	84	82	87	84	81	86	83	81	80	
8	93	87	83	80	92	86	82	80	85	82	79	84	81	79	84	81	79	78	
9	91	84	80	78	90	84	80	77	83	80	77	82	79	77	82	79	77	76	
10	89	82	78	76	88	82	78	75	81	78	75	80	77	75	80	77	75	74	

EPC-10-WM-4000L-40K-90-SPD-DIM10-MVOLT-EPD-10-101

TEST NO.: EL052522137

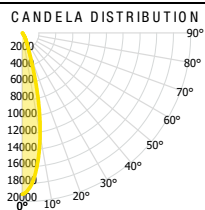
INPUT WATTS: 40.9

LUMENS: 4887

EFFICACY: 119

BEAM ANGLE: 27°

SPACING CRITERIA: 0.42



CANDELA TABLE

	0°	90°
0°	19202	19202
10°	12291	12958
20°	2517	2886
30°	761	749
40°	178	173
50°	28	31
60°	2	2
70°	1	1
80°	0	0
90°	0	0

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	411201	411201
45.00°	2860	2791
55.00°	169	175
65.00°	64	64
75.00°	38	39
85.00°	20	17

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	1561
10° - 20°	2142
20° - 30°	754
30° - 40°	323
40° - 50°	91
50° - 60°	12
60° - 70°	1
70° - 80°	1
80° - 90°	0

ZONAL LUMEN SUMMARY

ZONE	UMENS	% LUMINAIRE
0° - 20°	3703	76%
0° - 30°	4457	91%
0° - 40°	4780	98%
0° - 60°	4883	100%
0° - 80°	4885	100%
0° - 90°	4885	100%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 ft	533.4 fc	2.9 ft	2.9 ft
8.0 ft	300.0 fc	3.9 ft	3.8 ft
10.0 ft	192.0 fc	4.9 ft	4.8 ft
12.0 ft	133.3 fc	5.8 ft	5.8 ft
14.0 ft	98.0 fc	6.8 ft	6.7 ft
16.0 ft	75.0 fc	7.8 ft	7.7 ft
18.0 ft	59.3 fc	8.8 ft	8.7 ft
20.0 ft	48.0 fc	9.7 ft	9.6 ft

INDOOR COEFFICIENTS OF UTILIZATION

p c pw	20%																		0%		
	80%				70%				50%				30%				10%				0%
	70%	50%	30%	10%	70%	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	100			
1	115	113	111	109	112	110	109	107	106	105	104	103	102	101	99	99	98	96			
2	111	107	104	101	109	105	103	100	102	100	98	99	98	96	97	95	94	92			
3	107	102	98	95	105	101	97	95	98	95	93	96	94	92	94	92	90	89			
4	103	98	94	91	102	97	93	90	95	92	89	93	90	88	91	89	87	86			
5	100	94	90	86	99	93	89	86	91	88	85	90	87	85	89	86	84	83			
6	97	90	86	83	96	90	86	83	88	85	82	87	84	82	86	83	81	80			
7	94	87	83	80	93	87	83	80	86	82	79	84	81	79	83	81	78	77			
8	91	84	80	77	90	84	80	77	83	79	77	82	79	76	81	78	76	75			
9	89	82	77	74	88	81	77	74	80	77	74	80	76	74	79	76	74	73			
10	86	79	75	72	85	79	75	72	78	74	72	77	74	72	77	74	72	71			



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

Architectural LED Cylinder

Cylinder Series

EPC-10-WM-4000L-40K-90-ND-DIM10-MVOLT-EPD-10-101

TEST NO.: EL052522137

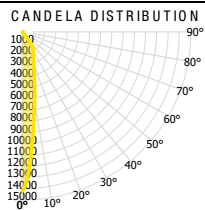
INPUT WATTS: 41.1

LUMEN S: 4613

EF FICACY: 112

BEAM ANGLE: 19

SPACING CRITERIA: 0.29 x 0.29



CANDELA TABLE		
	0°	90°
0°	14219	14219
10°	6327	6293
20°	3003	2999
30°	1919	1908
40°	347	404
50°	63	65
60°	8	8
70°	3	3
80°	1	1
90°	0	0

LUMINANCE (cd/sq.m)		
	0.00°	90.00°
0.00°	304498	304498
45.00°	3796	3769
55.00°	815	893
65.00°	268	263
75.00°	146	145
85.00°	52	34

LUMENS PER ZONE	
ZONE	LUMENS
0° - 10°	953
10° - 20°	1333
20° - 30°	1145
30° - 40°	976
40° - 50°	164
50° - 60°	31
60° - 70°	6
70° - 80°	2
80° - 90°	0

ZONAL LUMEN SUMMARY		
ZONE	UMENS	% LUMINAIRE
0° - 20°	2286	50%
0° - 30°	3431	74%
0° - 40°	4407	96%
0° - 60°	4603	100%
0° - 80°	4611	100%
0° - 90°	4611	100%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 ft	395.0 fc	2.0 ft	2.1 ft
8.0 ft	222.2 fc	2.7 ft	2.7 ft
10.0 ft	142.2 fc	3.4 ft	3.4 ft
12.0 ft	98.7 fc	4.1 ft	4.1 ft
14.0 ft	72.5 fc	4.7 ft	4.8 ft
16.0 ft	55.5 fc	5.4 ft	5.5 ft
18.0 ft	43.9 fc	6.1 ft	6.2 ft
20.0 ft	35.5 fc	6.8 ft	6.9 ft

INDOOR COEFFICIENTS OF UTILIZATION

pr pc pw	20%																		0%		
	80%						70%						50%						30%		0%
	70%	50%	30%	10%	70%	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	100			
1	114	111	109	107	111	109	107	105	105	104	102	101	100	99	98	97	96	94			
2	109	104	101	98	107	103	99	97	99	97	94	97	94	92	94	92	90	89			
3	104	98	94	90	102	97	93	89	94	91	88	92	89	86	90	87	85	84			
4	99	93	87	84	98	91	87	83	89	85	82	87	84	81	86	83	80	79			
5	95	87	82	78	93	86	82	78	85	80	77	83	79	76	82	78	76	74			
6	91	83	77	73	89	82	77	73	81	76	73	79	75	72	78	74	72	70			
7	87	79	73	69	86	78	73	69	77	72	69	76	71	68	75	71	68	67			
8	83	75	69	66	82	74	69	65	73	69	65	72	68	65	71	68	65	63			
9	80	71	66	62	79	71	66	62	70	65	62	69	65	62	68	64	62	60			
10	77	68	63	59	76	68	63	59	67	62	59	66	62	59	66	62	59	58			

EPC-10-WM-4000L-40K-90-MD-DIM10-MVOLT-EPD-10-101

TEST NO.: EL052522137

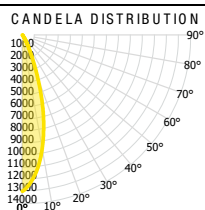
INPUT WATTS: 40.8

LUMEN S: 4665

EF FICACY: 114

BEAM ANGLE: 34

SPACING CRITERIA: 0.51



	0°	90°
0°	13024	13024
10°	9603	9710
20°	3760	3898
30°	798	799
40°	160	154
50°	24	27
60°	2	2
70°	1	1
80°	0	0
90°	0	0

LUMINANCE (cd/sq.m)		
	0.00°	90.00°
0.00°	278888	278888
45.00°	2635	2520
55.00°	147	162
65.00°	59	59
75.00°	35	35
85.00°	17	17

LUMENS PER ZONE	
ZONE	LUMENS
0° - 10°	1107
10° - 20°	2062
20° - 30°	1081
30° - 40°	317
40° - 50°	83
50° - 60°	11
60° - 70°	1
70° - 80°	1
80° - 90°	0

ZONAL LUMEN SUMMARY		
ZONE	UMENS	% LUMINAIRE
0° - 20°	3168	68%
0° - 30°	4250	91%
0° - 40°	4567	98%
0° - 60°	4661	100%
0° - 80°	4663	100%
0° - 90°	4663	100%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA.	BEAM DIA.
		0°-180°	90°-270°
6.0 ft	361.8 fc	3.6 ft	3.6 ft
8.0 ft	203.5 fc	4.8 ft	4.8 ft
10.0 ft	130.2 fc	6.0 ft	6.1 ft
12.0 ft	90.4 fc	7.2 ft	7.3 ft
14.0 ft	66.4 fc	8.5 ft	8.5 ft
16.0 ft	50.9 fc	9.7 ft	9.7 ft
18.0 ft	40.2 fc	10.9 ft	10.9 ft
20.0 ft	32.6 fc	12.1 ft	12.1 ft

INDOOR COEFFICIENTS OF UTILIZATION

p c pw	20%																		0%						
	80%						70%						50%						30%						0%
	70%	50%	30%	10%	70%	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	100							
1	115	112	110	108	112	110	108	107	106	105	103	102	101	100	99	98	97	96							
2	110	106	103	100	108	105	102	99	101	99	97	99	97	95	96	94	93	91							
3	106	101	97	94	104	100	96	93	97	94	92	95	92	90	93	91	89	87							
4	102	96	92	89	101	95	91	88	93	90	87	91	88	86	89	87	85	84							
5	99	92	87	84	97	91	87	84	89	86	83	88	85	82	86	84	82	80							
6	95	88	83	80	94	87	83	80	86	82	79	85	81	79	83	81	78	77							
7	92	85	80	76	91	84	79	76	83	79	76	82	78	76	81	78	75	74							
8	89	81	77	73	88	81	76	73	80	76	73	79	75	73	78	75	72	71							
9	86	78	74	70	85	78	73	70	77	73	70	76	73	70	75	72	70	69							
10	83	75	71	68	82	75	71	68	74	70	68	74	70	67	73	70	67	66							

10"

Architectural LED Cylinder

EPC-10-WM

Cylinder Series

EPC-10-WM-4000L-40K-90-MWD-DIM10-MVOLT-EPD-10-101

TEST NO.: EL052522137

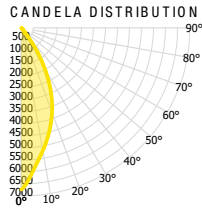
INPUT WATTS: 40.8

LUMENS: 4203

EFFICACY: 103

BEAM ANGLE: 47

SPACING CRITERIA: 0.67



CANDELA TABLE

	0°	90°
0°	6733	6733
10°	5185	5122
20°	3752	3715
30°	1962	1918
40°	251	236
50°	24	28
60°	3	3
70°	1	1
80°	0	0
90°	0	0

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	144183	144183
45.00°	3307	3101
55.00°	176	184
65.00°	88	88
75.00°	57	58
85.00°	27	25

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	563
10° - 20°	1302
20° - 30°	1430
30° - 40°	776
40° - 50°	116
50° - 60°	11
60° - 70°	2
70° - 80°	1
80° - 90°	0

ZONAL LUMEN SUMMARY

ZONE	UMENS	% LUMINAIRE
0° - 20°	1865	44%
0° - 30°	3296	78%
0° - 40°	4071	97%
0° - 60°	4198	100%
0° - 80°	4201	100%
0° - 90°	4201	100%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 ft	187.0 fc	5.2 ft	5.2 ft
8.0 ft	105.2 fc	7.0 ft	6.9 ft
10.0 ft	67.3 fc	8.7 ft	8.6 ft
12.0 ft	46.8 fc	10.5 ft	10.4 ft
14.0 ft	34.4 fc	12.2 ft	12.1 ft
16.0 ft	26.3 fc	13.9 ft	13.8 ft
18.0 ft	20.8 fc	15.7 ft	15.5 ft
20.0 ft	16.8 fc	17.4 ft	17.3 ft

INDOOR COEFFICIENTS OF UTILIZATION

pr pc pw	20%																				0%
	80%				70%				50%				30%				10%				0%
	70%	50%	30%	10%	70%	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	100			
1	114	111	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	94			
2	109	104	100	97	106	102	99	96	99	96	94	96	94	92	94	92	90	88			
3	104	98	93	89	102	96	92	89	94	90	87	91	88	86	89	87	85	83			
4	99	92	87	83	97	91	86	82	89	85	81	87	83	80	85	82	79	78			
5	94	87	81	77	93	86	81	77	84	79	76	82	78	75	81	77	75	73			
6	90	82	76	72	89	81	76	72	79	75	71	78	74	71	77	73	70	69			
7	86	77	72	68	85	77	71	67	75	71	67	74	70	67	73	69	66	65			
8	82	73	68	64	81	73	67	64	72	67	63	71	66	63	70	66	63	62			
9	78	69	64	60	77	69	64	60	68	63	60	67	63	60	66	62	59	58			
10	75	66	61	57	74	66	60	57	65	60	57	64	60	57	63	59	56	55			

EPC-10-WM-4000L-40K-90-WD-DIM10-MVOLT-EPD-10-101

TEST NO.: EL052522137

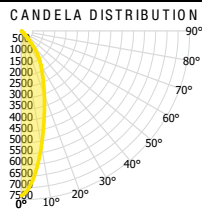
INPUT WATTS: 40.9

LUMENS: 4156

EFFICACY: 102

BEAM ANGLE: 35

SPACING CRITERIA: 0.52



CANDELA TABLE

	0°	90°
0°	7351	7351
10°	5201	5131
20°	3009	2994
30°	1750	1750
40°	688	711
50°	98	100
60°	8	8
70°	3	3
80°	1	1
90°	0	0

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	157423	157423
45.00°	8117	8959
55.00°	748	918
65.00°	256	257
75.00°	137	141
85.00°	49	44

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	608
10° - 20°	1187
20° - 30°	1144
30° - 40°	860
40° - 50°	307
50° - 60°	40
60° - 70°	6
70° - 80°	2
80° - 90°	0

ZONAL LUMEN SUMMARY

ZONE	UMENS	% LUMINAIRE
0° - 20°	1795	43%
0° - 30°	2939	71%
0° - 40°	3799	91%
0° - 60°	4146	100%
0° - 80°	4154	100%
0° - 90°	4154	100%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 ft	204.2 fc	3.8 ft	3.8 ft
8.0 ft	114.9 fc	5.0 ft	5.1 ft
10.0 ft	73.5 fc	6.3 ft	6.3 ft
12.0 ft	51.1 fc	7.5 ft	7.6 ft
14.0 ft	37.5 fc	8.8 ft	8.8 ft
16.0 ft	28.7 fc	10.1 ft	10.1 ft
18.0 ft	22.7 fc	11.3 ft	11.4 ft
20.0 ft	18.4 fc	12.6 ft	12.6 ft

INDOOR COEFFICIENTS OF UTILIZATION

p c w	20%																		0%
	80%				70%				50%		30%		10%		0%				
	70%	50%	30%	10%	70%	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	100	
1	114	111	109	106	111	109	107	105	105	103	101	101	100	98	98	97	96	94	
2	108	103	100	96	106	102	98	95	99	96	93	96	93	91	93	91	89	88	
3	103	97	92	88	101	95	91	87	93	89	86	90	87	85	88	85	83	82	
4	98	91	85	81	96	89	84	81	87	83	80	85	82	79	83	80	78	76	
5	93	85	79	75	92	84	79	75	82	78	74	81	77	74	79	76	73	71	
6	89	80	74	70	87	79	74	70	78	73	69	76	72	69	75	71	68	67	
7	84	75	70	66	83	75	69	65	74	69	65	72	68	65	71	67	64	63	
8	81	71	66	62	79	71	65	61	70	65	61	69	64	61	68	64	61	59	
9	77	68	62	58	76	67	62	58	66	61	58	65	61	58	65	60	57	56	
10	74	64	59	55	73	64	58	55	63	58	55	62	58	54	62	57	54	53	



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

10"

Architectural LED Cylinder

EPC-10-WM

Cylinder Series

EPC-10-WM-4000L-40K-90-VWD-DIM10-MVOLT-EPD-10-101

TEST NO.: EL052522137

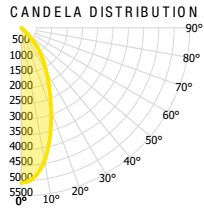
INPUT WATTS: 41.0

LUMENS: 3909

EFFICACY: 95

BEAM ANGLE: 48

SPACING CRITERIA: 0.69 x 0.69



CANDELA TABLE

	0°	90°
0°	5078	5078
10°	4408	4387
20°	2864	2899
30°	1637	1673
40°	791	833
50°	124	137
60°	8	8
70°	3	3
80°	1	1
90°	0	0

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	108742	108742
10.00°	11563	12884
20.00°	725	1043
30.00°	256	257
40.00°	137	139
50.00°	54	44

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	461
10° - 20°	1068
20° - 30°	1098
30° - 40°	834
40° - 50°	390
50° - 60°	49
60° - 70°	6
70° - 80°	2
80° - 90°	0

ZONAL LUMEN SUMMARY

ZONE	UMENS	% LUMINAIRE
0° - 20°	1529	39%
0° - 30°	2627	67%
0° - 40°	3460	89%
0° - 60°	3899	100%
0° - 80°	3907	100%
0° - 90°	3908	100%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 ft	141.1 fc	5.3 ft	5.3 ft
8.0 ft	79.3 fc	7.1 ft	7.1 ft
10.0 ft	50.8 fc	8.8 ft	8.8 ft
12.0 ft	35.3 fc	10.6 ft	10.6 ft
14.0 ft	25.9 fc	12.4 ft	12.3 ft
16.0 ft	19.8 fc	14.1 ft	14.1 ft
18.0 ft	15.7 fc	15.9 ft	15.9 ft
20.0 ft	12.7 fc	17.7 ft	17.6 ft

INDOOR COEFFICIENTS OF UTILIZATION

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



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