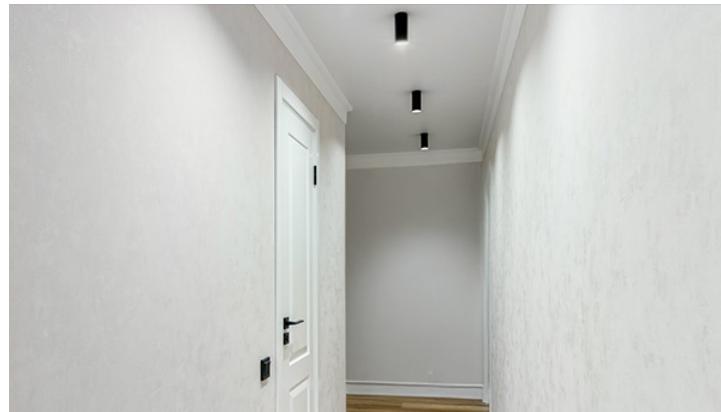


3"**BOLD-3-CYL-CM**

3" Ceiling Mount Architectural Cylinders

Bold Cylinders Series**APPLICATION & FEATURES**

BOLD-3-CYL-CM A small-profile architectural LED cylinder pendant luminaire featuring a modern die-cast design with a 3" round or square aperture. Offered in open, lensed downlight, and wallwash trim options, it delivers glare-free, high-quality illumination for general lighting needs. With a broad range of color temperatures supporting cool to warm tones, it integrates into any design and is well suited for commercial, retail, hospitality, and high-end residential applications.

This cylinder provides exceptional optical quality (up to 98 CRI, 1x2 Step MacAdam Ellipse) and supports multiple dimming protocols down to 0.1%. It offers a selection of compatible lens filters and accessories, and includes mounting options such as flush mount, surface mount, suspended, and pendant mount. The modular heatsink and power supply are removable and upgradeable. Available in standard 15-inch and shallow 12-inch heights.

LUMENS	High Performance: 900L, 1200L, 1500L and 2000L Warm Dimming: 900L, 1200L, 1500L and 2000L Xicato Artist: 900L, 1200L and 1500L
CCT & DYNAMIC PLATFORMS	High Performance: 27K, 30K, 35K, 40K and 50K Warm Dimming: 30K-18K, 30K-22K and 27K-18K Xicato Artist: 27K, 30K, 30K-VIB, 35K and 40K
CRI	High Performance: 90+ and 98+ Warm Dimming: 90+ Xicato Artist: 90+ and 98+
COLOR QUALITY	2 Step MacAdam Ellipse
DISTRIBUTIONS	Very Narrow Spot (10°), Narrow Spot (15°), Spot (24°), Medium (36°) and Wide (60°)
DRIVER	High Performance: DIM10, LUTH, LUTFTB, ELDO10.1-LIN, ELDODMX.1, ELDODALI.1, DIMTR, BLE-CASAMBI, POE, DIM10-0-OFF, ELDO10-LOG, XSR and DIM10-AUX Warm Dimming: DIM10, LUTH, LUTFTB, ELDO10.1-LIN, ELDODMX.1, ELDODALI.1, DIMTR, BLE-CASAMBI, POE, DIM10-0-OFF, ELDO10-LOG, XSR and DIM10-AUX Xicato Artist: DIM10, LUTH, LUTFTB, ELDO10.1-LIN, ELDODMX.1, ELDODALI.1, DIMTR, BLE-CASAMBI, POE, DIM10-0-OFF, ELDO10-LOG, XSR and DIM10-AUX
TRIM OPTIONS	Downlight: Flanged, Trimless, Millwork Pinhole: Flanged, Trimless, Millwork
FINISH OPTIONS	Anodized: White (WH), Black (BK), Chrome (CL), Satin Haze (SHZ), Silver (SI), Bronze (BZ), Custom Color (RAL) Diecast: White (WH), Black (BK), Silver (SI), Bronze (BZ), Custom Color (RAL)
EMERGENCY	EMG-10, EMG-20, EMG-10-SDT, EMG-20-SDT and GTD
LIFETIME	LED is rated for >60,000 hours at 70% lumen maintenance
PHOTOMETRIC TESTS	In Accordance with IES LM79-08, LM80 and TM-30, TM-21

3"

BOLD-3-CYL-CM

3" Ceiling Mount Architectural Cylinders

Bold Cylinders Series

High Performance: BOLD-3-CYL-CM-WH-900L-27K-90-10D-DIM10-120V

Series	Finish	Lumens	CCT	CRI	Optics	Driver	Voltage	Emergency	Options	Optical Accessories
BOLD-3-CYL-CM	WH White	900L	27K	90+	10D Very Narrow Spot (10°)	DIM10	120V	-	-	-
	BK Black	1200L	30K	98+ 2	15D Narrow Spot (15°)	LUTH	MVOLT	-	RIF RIF Filter	SOFL Solite Frosted
	RAL Custom Color	1500L	35K		24D Spot (24°)	LUTFTB	347V 4	EMG-10	REM 5 Single Remote Dimming Driver	SFL Soft Focus Lens
		2000L	40K		36D Medium (36°)	ELDO10.1-LIN		EMG-20	SPD Spread Linear Lens	
					60D Wide (60°)	ELDODMX.1		EMG-10-SDT	BABA Made in America Compliance	UVL UV Lens
						ELDODALI.1		EMG-20-SDT	HCL Honey Comb Louver	PRS Prismatic Lens
						DIMTR 3		GTD	Controls See last page	
						BLE-CASAMBI				
						POE				
						DIM10-0-OFF				
						ELDO10-LOG				
						XSR				
						DIM10-AUX				

Any fixture can take maximum 2 Optical Accessories **1** The highest lumen will not be compatible with any optical accessories **2** 98+ CRI is available only on 27K, 30K and 40K **3** DIMTR is only available with 120V
4 347V is only available with DIM10 **5** Remote mount Maximum distance from light fixture to remote power supply is 100' using 14 gauge wire, 50' using 16 gauge wire

Warm Dimming: BOLD-3-CYL-CM-WDM-WH-900L-30K-18K-90-10D-DIM10-120V

Series	Finish	Lumens	CCT	CRI	Optics	Driver	Voltage	Emergency	Options	Optical Accessories
BOLD-3-CYL-CM-WDM	WH White	900L	30K-18K	90+	10D Very Narrow Spot (10°)	DIM10	120V	-	-	-
	BK Black	1200L	30K-22K		15D Narrow Spot (15°)	LUTH	MVOLT	-	RIF RIF Filter	SOFL Solite Frosted
	RAL Custom Color	1500L	27K-18K		24D Spot (24°)	LUTFTB	347V 3	EMG-10	REM 4 Single Remote Dimming Driver	SFL Soft Focus Lens
		2000L	1		36D Medium (36°)	ELDO10.1-LIN		EMG-20	SPD Spread Linear Lens	UVL UV Lens
					60D Wide (60°)	ELDODMX.1		EMG-10-SDT	BABA Made in America Compliance	HCL Honey Comb Louver
						ELDODALI.1		EMG-20-SDT	PRS Prismatic Lens	
						DIMTR 2		GTD		
						BLE-CASAMBI				
						POE				
						DIM10-0-OFF				
						ELDO10-LOG				
						XSR				
						DIM10-AUX				

Any fixture can take maximum 2 Optical Accessories **1** The highest lumen will not be compatible with any optical accessories **2** DIMTR is only available with 120V **3** 347V is only available with DIM10 **4** Remote mount
Maximum distance from light fixture to remote power supply is 100' using 14 gauge wire, 50' using 16 gauge wire

3"

BOLD-3-CYL-CM

3" Ceiling Mount Architectural Cylinders

Bold Cylinders Series

Xicato Artist: BOLD-3-CYL-CM-XIA-WH-900L-27K-90-10D-DIM10-120V

Series	Finish	Lumens	CCT	CRI	Optics	Driver	Voltage	Emergency	Options	Optical Accessories
BOLD-3-CYL-CM-XIA	WH White	900L	27K	90+	10D Very Narrow Spot (10°)	DIM10	120V	-	-	-
	BK Black	1200L	30K	98+ ²	LUTH	MVOLT			RIF RIF Filter	SOFL Solite Frosted
	RAL Custom Color	1500L ¹	30K-VIB		15D Narrow Spot (15°)	LUTFTB	347V ⁴	All emergency options require top access, remote emergency test switch included	REM ⁵ Single Remote Dimming Driver	SFL Soft Focus Lens
					24D Spot (24°)	ELDO10.1-LIN		EMG-10	EMG-20	SPD Spread Linear Lens
					36D Medium (36°)	ELDODMX.1		EMG-10-SDT	EMG-20-SDT	UVL UV Lens
					60D Wide (60°)	ELDODALI.1		GTD		HCL Honey Comb Louver
						DIMTR ³				PRS Prismatic Lens
						BLE-CASAMBI				
						POE				
						DIM10-0-OFF				
						ELDO10-LOG				
						XSR				
						DIM10-AUX				

Any fixture can take maximum 2 Optical Accessories **1** The highest lumen will not be compatible with any optical accessories **2** 95+ CRI is not available on 50K **3** DIMTR is only available with 120V **4** 347V is only available with DIM10 **5** Remote mount Maximum distance from light fixture to remote power supply is 100' using 14 gauge wire, 50' using 16 gauge wire

3"

BOLD-3-CYL-CM

3" Ceiling Mount Architectural Cylinders

Bold Cylinders Series

FLANGED REFLECTOR TYPE

Example: **B3R-302-A-F-W-WH**

Trim Option	Trim Construction	Trim Flange Opt.	Reflector Finishes	Flange Finishes
 B3R-302 Open Downlight	 B3R-328 Solite Lens Downlight  WET LOCATION	A Anodized DC Diecast	F Flanged	W White BK Black RAL Custom Color (Consult Factory)
 B3R-314 Open Pinhole	 B3R-315 Solite Lens Pinhole  WET LOCATION			WH White BK Black RAL Custom Color (Consult Factory)

Note: All extra optical accessories, aperture assemblies, and optics can be ordered separately. Check our website for ordering nomenclature.

DESCRIPTION

The BOLD-3S-CYL-WM A compact architectural LED cylinder available in 3" round or square apertures, offered with open, lensed, or wallwash trim options. Designed for glare-free general illumination with a modern die-cast aesthetic, it integrates seamlessly into commercial, retail, hospitality, and high-end residential spaces.

CONSTRUCTION

Round and square extruded aluminum cylinders with a post-painted powder-coat finish, available in standard and shallow heights. Offered in black, silver, white, or any custom RAL color.

OPTICAL PERFORMANCE

The optical system features an upper TIR optic for precise beam control, with an optional Solite or soft-focus lens to diffuse the source and deliver smooth, striation-free distribution. A patented lens further refines the beam angle. All optics are field-changeable and offered in a range of beam distributions.

SUSPENSION SYSTEM

A standard 5-inch shallow ceiling-mount canopy is provided for direct installation to 3-1/4" to 4" octagonal or square junction boxes. The pendant-mount option includes a 10 ft adjustable aircraft cable and power cord, both field-adjustable to the desired length. Consult factory for custom mounting or stem options.

TRIM CONSTRUCTION

With dual trim construction and an extensive library of finish options, BOLD trims empower lighting designers to achieve both technical precision and visual harmony in any space.

Anodized Aluminum: Designed for visual comfort, anodized trims recess the light source to achieve a 35-degree cutoff, enhancing glare control and supporting quiet ceilings in high-performance architectural environments. The electrochemical finish ensures long-term reflectance and material integrity.

Die-Cast: Die-cast trims provide sharp detailing, precise fit, and the ability to seamlessly blend into the ceiling plane with high-quality painted finishes. Ideal for minimalist spaces where integration and consistency are key.

DOWNLIGHT TRIM

High-quality die-cast bevel trims feature a smooth, low-glare powder-coat finish and are available in open or lensed downlight, as well as lensed wall-wash options. Finishes include WT (Wheat), W (White), BK (Black), and BZ (Antique Bronze).

THERMAL MANAGEMENT SYSTEM

Passive-cooling die-cast aluminum heat sink dissipates heat from the LED module, supporting optimal performance and extending component life.

OPTICAL FILTER & ACCESSORIES

Additional lens accessories—including Frosted, Soft Focus, Spread, Honeycomb, Linear, and Solite—help meet specific design and performance requirements. Up to two accessories may be used per luminaire, and they are intended only for open, non-lensed downlight trims.

OPERATING TEMPERATURE

Luminaire must be installed and operated in damp or dry locations with an ambient temperature range of -4°F to 104°F (-20°C to 40°C).

MOUNTING

Offered in cable, stem, and surface mounting options. Cable and pendant mounts are supplied with a complete canopy assembly matched to the housing finish, and cable height can be field-adjusted up to 10 ft.

EMERGENCY OPTIONS/CONTROLS

The remote test switch is included. The external battery operates LED loads of up to 1000 lumens (EMG-SDTLED-10W) or up to 2000 lumens (EMG-LED-20W).

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 is 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 PEQ0 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 with linear dimming curve 0.1%

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

XSR - Xitanium SR Dimming

DIM10-AUX - 0-10V with Auxiliry power

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

WARRANTY

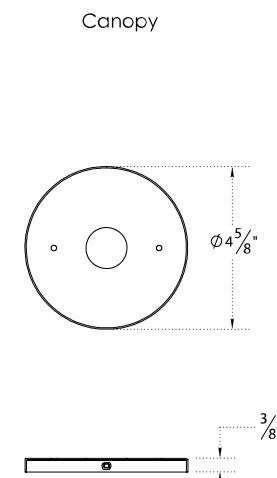
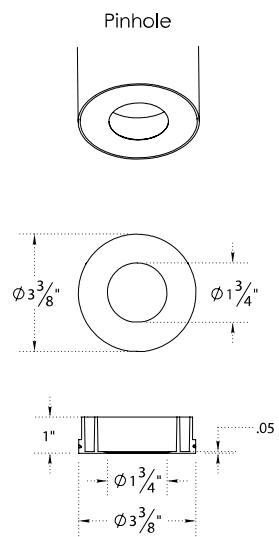
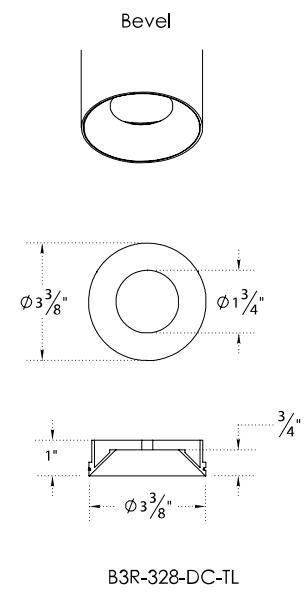
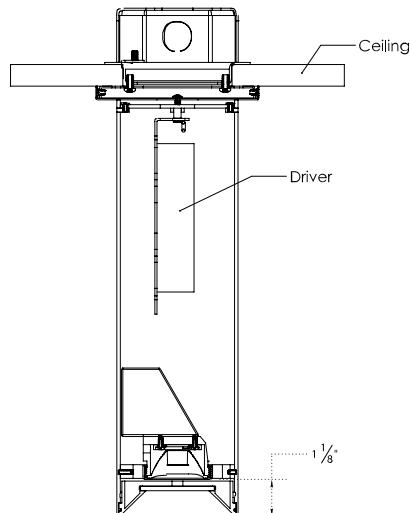
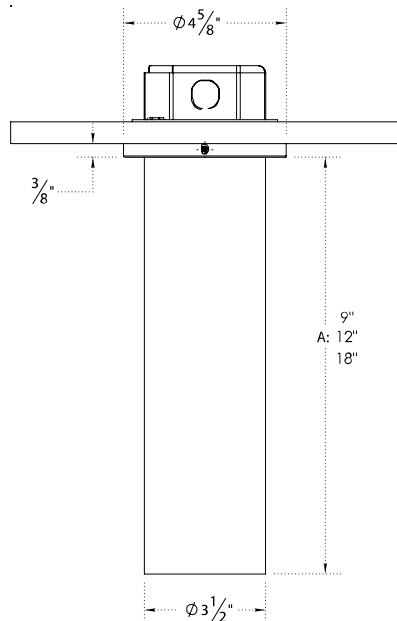
Five-year warranty for parts and components. (Labor not included)

LISTINGS

- c-UL-us: Listed for Wet Location when used with wet-location rated trims
- c-UL-us: Listed for Feed-Through Wiring
- Energy Star and California Title 24 compliant (JA8)
- Optional Black color trim is not Energy Star certified and will not meet the requirements
- 22K and 27K are not Energy Star listed and will not meet the requirements
- BABA Compliant for government procurement under FAR, DFARS, and DOT regulations.

3"**BOLD-3-CYL-CM**

3" Ceiling Mount Architectural Cylinders

Bold Cylinders Series

3"

BOLD-3-CYL-CM

3" Ceiling Mount Architectural Cylinders

Bold Cylinders Series

BOLD-3-CYL-CM-2000L-40K-90-15D-DIM10-MVOLT-B3R-318-A-F-CL-WH

TEST NOEPL02242531

INPUT WATTS: 22.8

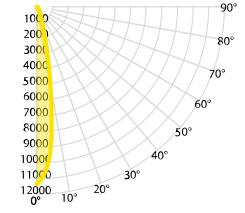
LUMENS: 2105

EFFICACY: 92

BEAM ANGLE: 15

SPACING CRITERIA: 0.32

CANDELA DISTRIBUTION



CANDELA TABLE

	0°	90°		0.00°	90.00°
0°	11382	11393		974957	975861
10°	5042	6312		5204	5789
20°	1037	1320		1201	1419
30°	297	383		30	28
40°	90	110		23	23
50°	21	24		39	39
60°	2	2			
70°	0	0			
80°	0	0			
90°	0	0			

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	831
10° - 20°	778
20° - 30°	317
30° - 40°	125
40° - 50°	41
50° - 60°	10
60° - 70°	1
70° - 80°	0
80° - 90°	0

ZONAL LUMEN SUMMARY

ZONE	UMENS	% LUMINAIRE
0° - 20°	1610	76%
0° - 30°	1926	92%
0° - 40°	2051	97%
0° - 60°	2102	100%
0° - 80°	2103	100%
0° - 90°	2103	100%

CONE OF LIGHT

INDOOR COEFFICIENTS OF UTILIZATION

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°	BEAM DIA. 90°	pf												
				80%				70%				50%				
pw	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%	
6.0 ft	316.2 fc	2.2 ft	2.2 ft	0	120	120	120	120	118	118	118	118	112	112	108	
8.0 ft	177.8 fc	3.0 ft	3.0 ft	1	116	114	112	110	114	112	110	109	108	107	105	104
10.0 ft	113.8 fc	3.7 ft	3.7 ft	2	112	109	106	103	110	107	104	102	104	102	100	101
12.0 ft	79.0 fc	4.4 ft	4.4 ft	3	109	104	100	97	107	103	99	97	100	97	95	98
14.0 ft	58.1 fc	5.2 ft	5.2 ft	4	105	100	96	93	104	99	95	92	97	94	91	89
16.0 ft	44.5 fc	5.9 ft	5.9 ft	5	102	96	92	89	101	95	91	89	94	90	89	86
18.0 ft	35.1 fc	6.6 ft	6.6 ft	6	99	93	89	86	98	92	88	85	91	87	84	83
20.0 ft	28.5 fc	7.4 ft	7.4 ft	7	96	90	86	83	95	89	85	82	88	82	81	80
				8	94	87	83	80	93	87	83	80	86	82	79	78
				9	91	85	80	78	90	84	80	78	83	80	77	77
				10	89	82	78	76	88	82	78	75	81	77	75	74

INDOOR COEFFICIENTS OF UTILIZATION

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°	BEAM DIA. 90°	pf												
				80%				70%				50%				
pw	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%	
6.0 ft	316.2 fc	2.2 ft	2.2 ft	0	120	120	120	120	118	118	118	118	112	112	108	108
8.0 ft	177.8 fc	3.0 ft	3.0 ft	1	116	114	112	110	114	112	110	109	108	107	105	104
10.0 ft	113.8 fc	3.7 ft	3.7 ft	2	112	109	106	103	110	107	104	102	104	102	100	99
12.0 ft	79.0 fc	4.4 ft	4.4 ft	3	109	104	100	97	107	103	99	97	100	99	98	97
14.0 ft	58.1 fc	5.2 ft	5.2 ft	4	105	100	96	93	104	99	95	92	97	94	91	89
16.0 ft	44.5 fc	5.9 ft	5.9 ft	5	102	96	92	89	101	95	91	89	94	90	89	86
18.0 ft	35.1 fc	6.6 ft	6.6 ft	6	99	93	89	86	98	92	88	85	91	87	84	83
20.0 ft	28.5 fc	7.4 ft	7.4 ft	7	96	90	86	83	95	89	85	82	88	82	81	80
				8	94	87	83	80	93	87	83	80	86	82	81	80
				9	91	85	80	78	90	84	80	78	83	80	77	77
				10	89	82	78	76	88	82	78	75	81	77	75	74

BOLD-3-CYL-CM-2000L-40K-90-26D-DIM10-MVOLT-B3R-318-A-F-CL-WH

TEST NOEPL02242531

INPUT WATTS: 22.8

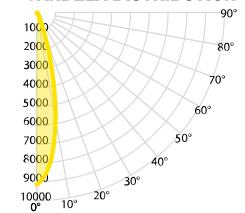
LUMENS: 2189

EFFICACY: 96

BEAM ANGLE: 24

SPACING CRITERIA: 0.41

CANDELA DISTRIBUTION



CANDELA TABLE

	0°	90°		0.00°	90.00°
0°	9156	9205		784230	788471
10°	5800	6438		5518	6902
20°	1275	1604		1213	1846
30°	290	357		28	73
40°	94	118		23	26
50°	23	30		39	39
60°	1	3			
70°	0	0			
80°	0	0			
90°	0	0			

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	746
10° - 20°	937
20° - 30°	326
30° - 40°	120
40° - 50°	46
50° - 60°	12
60° - 70°	1
70° - 80°	0
80° - 90°	0

ZONAL LUMEN SUMMARY

ZONE	UMENS	% LUMINAIRE
0° - 20°	1683	77%
0° - 30°	2009	92%
0° - 40°	2129	97%
0° - 60°	2186	100%
0° - 80°	2187	100%
0° - 90°	2187	100%

CONE OF LIGHT

INDOOR COEFFICIENTS OF UTILIZATION

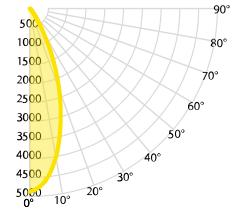
MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°	BEAM DIA. 90°	pf												
				80%				70%				50%				
pw	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%	
6.0 ft	254.3 fc	2.8 ft	2.8 ft	0	120	120	120	120	117	117	117	117	112	112	107	107
8.0 ft	143.1 fc	3.7 ft	3.7 ft	1	116	114	112	110	113	111	110	108	107	106	105	104
10.0 ft	91.6 fc	4.6 ft	4.6 ft	2	112	108	105	102	110	106	104	101	103	101	99	97
12.0 ft	63.6 fc	5.5 ft	5.5 ft	3	108	103	99	96	106	102	98	96	99	97	94	95
14.0 ft	46.7 fc	6.5 ft	6.5 ft	4	105	99	95	92	103	98	94	91	96	93	90	89
16.0 ft	35.8 fc	7.4 ft	7.4 ft	5	101	95	91	88	100	94	90	87	93			

BOLD-3-CYL-CM-2000L-40K-90-36D-DIM10-MVOLT-B3R-318-A-F-CL-WH

TEST NOEPL02242531

INPUT WATTS: 21.7 LUMENS: 2364 EFFICACY: 109 BEAM ANGLE: 36 SPACING CRITERIA: 0.61

CANDELA DISTRIBUTION



CANDELA TABLE

	0°	90°		0.00°	90.00°
0°	4880	4891		0.00°	743047
10°	4020	4203		45.00°	17394
20°	2302	2549		55.00°	5289
30°	724	876		65.00°	126
40°	166	182		75.00°	53
50°	42	45		85.00°	87
60°	7	7			
70°	0	0			
80°	0	0			
90°	0	0			

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	446
10° - 20°	885
20° - 30°	689
30° - 40°	250
40° - 50°	71
50° - 60°	20
60° - 70°	2
70° - 80°	0
80° - 90°	0

ZONAL LUMEN SUMMARY

ZONE	UMENS	% LUMINAIRE
0° - 20°	1330	56%
0° - 30°	2019	85%
0° - 40°	2268	96%
0° - 60°	2360	100%
0° - 80°	2362	100%
0° - 90°	2362	100%

CONE OF LIGHT

INDOOR COEFFICIENTS OF UTILIZATION

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°	BEAM DIA. 90°	pf								
				70%	50%	30%	10%	70%	50%	30%	10%	50%
6.0 ft	135.5 fc	4.3 ft	4.3 ft	0	119	119	119	117	117	117	111	111
8.0 ft	76.2 fc	5.7 ft	5.8 ft	1	115	112	110	108	112	110	108	106
10.0 ft	48.8 fc	7.2 ft	7.2 ft	2	110	105	102	99	108	104	101	103
12.0 ft	33.9 fc	8.6 ft	8.7 ft	3	105	100	95	92	103	98	94	96
14.0 ft	24.9 fc	10.0 ft	10.1 ft	4	101	94	89	86	99	93	85	89
16.0 ft	19.1 fc	11.4 ft	11.6 ft	5	97	89	84	81	95	89	80	85
18.0 ft	15.1 fc	12.9 ft	13.0 ft	6	93	85	80	76	91	84	79	82
20.0 ft	12.2 fc	14.3 ft	14.4 ft	7	89	81	76	72	88	80	75	78
				8	86	77	72	69	85	77	71	74
				9	82	74	69	65	81	74	69	68
				10	79	71	66	63	78	71	66	65

INDOOR COEFFICIENTS OF UTILIZATION

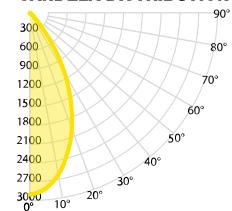
20%													0%		
pf	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
0	119	119	119	119	117	117	117	117	111	111	111	107	107	102	102
1	115	112	110	108	112	110	108	106	106	104	103	102	101	100	99
2	110	105	102	99	108	104	101	98	101	98	96	94	95	93	92
3	105	100	95	92	103	98	94	91	96	92	90	93	91	88	87
4	101	94	89	86	99	93	89	85	91	87	84	89	86	83	85
5	97	89	84	81	95	89	84	80	87	83	80	85	82	79	84
6	93	85	80	76	91	84	79	76	83	79	75	72	78	75	80
7	89	81	76	72	88	80	76	72	79	75	72	78	74	71	77
8	86	77	72	69	85	77	72	69	76	71	68	75	71	68	70
9	82	74	69	65	81	74	69	65	73	68	65	72	68	65	67
10	79	71	66	63	78	71	66	62	70	65	62	69	65	62	68

BOLD-3-CYL-CM-2000L-40K-90-60D-DIM10-MVOLT-B3R-318-A-F-CL-WH

TEST NOEPL02242531

INPUT WATTS: 21.7 LUMENS: 2264 EFFICACY: 104 BEAM ANGLE: 60 SPACING CRITERIA: 0.80

CANDELA DISTRIBUTION



CANDELA TABLE

	0°	90°		0.00°	90.00°
0°	2907	2908		442703	442843
10°	2630	2718		45.00°	21822
20°	1971	2097		55.00°	4407
30°	1123	1242		65.00°	133
40°	290	368		75.00°	59
50°	36	38		85.00°	87
60°	7	5			70
70°	0	0			60° - 70°
80°	0	0			70° - 80°
90°	0	0			80° - 90°

LUMENS PER ZONE

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LUMINAIRE
0° - 20°	938	41%
0° - 30°	1669	74%
0° - 40°	2128	94%
0° - 60°	2259	100%
0° - 80°	2262	100%
0° - 90°	2262	100%

CONE OF LIGHT

INDOOR COEFFICIENTS OF UTILIZATION

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°	BEAM DIA. 90°	pf							
				70%	50%	30%	10%	70%	50%	30%	10%
6.0 ft	80.8 fc	6.1 ft	6.1 ft	0	119	119	119	116	116	116	111
8.0 ft	45.4 fc	8.1 ft	8.1 ft	1	114	111	109	107	111	109	107
10.0 ft	29.1 fc	10.2 ft	10.2 ft	2	108	104	100	97	106	102	101
12.0 ft	20.2 fc	12.2 ft	12.2 ft	3	103	97	92	88	101	96	93
14.0 ft	14.8 fc	14.2 ft	14.3 ft	4	98	91	86	81	96	90	85
16.0 ft	11.4 fc	16.3 ft	16.3 ft	5	93	85	80	76	92	84	83
18.0 ft	9.0 fc	18.3 ft	18.3 ft	6	89	80	75	70	87	80	78
20.0 ft	7.3 fc	20.3 ft	20.4 ft	7	85	76	70	66	83	75	73
				8	81	72	66	62	80	71	69
				9	77	68	62	58	76	67	65
				10	74	64	59	55	73	64	61

INDOOR COEFFICIENTS OF UTILIZATION

20%													0%		
pf	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
0	119	119	119	119	116	116	116	116	111	111	111	106	106	102	102
1	114	111	109	107	111	109	107	105	105	103	101	100	99	98	97
2	108	104	100	97	106	102	98	95	99	96	93	92	93	91	89
3	103	97	92	88	101	96	91	88	93	89	86	81	87	85	88
4	98	91	86	81	96	90	85	81	88	83	80	86	82	79	84
5	93	85	80	76	92	84	79	75	83	78	75	81	77	74	79
6	89	80	75	70	87	80	74	70	78	73	70	77	72	69	75
7	85	76	70	66	83	75	70	66	74	69	65	73	68	65	71
8	81	72	66	62	80	71	65	62	70	65	61	69	64	61	68
9															

BRAND	LUTRON	enlighted™	LEVITON	ENCELLIUM	PHILIPS	legrand®	NA LIGHTING CONTROLS
CONTROL UNIT	<input type="checkbox"/> FCJS-010 Lutron Vive 0-10V Individual Pow Pak (Luminare is shipped Vive Enabled) 1 4	<input type="checkbox"/> CU-4E-FMH Fixture Mount Control Unit 1 5	<input type="checkbox"/> ZL027-NOW Intellect Power Control Module 1 6	<input type="checkbox"/> EN-WCM2-ZB-DR Wireless Control Module 1 7	<input type="checkbox"/> XITANIUM SR LED DRIVER The Philips Advance Xitanium SR LED driver 1 8	<input type="checkbox"/> LMFC-011 ON/OFF/0-10V dimming fixture controller 1 9	<input type="checkbox"/> NXFM-1R2D-O-UNV NX Fixture Module, Offset, 1 Relay, 2 0-10V Dimming Channels, 120-347VAC, Blue
	<input type="checkbox"/> FCJS-ECO Lutron Vive Eco-system Pow Pak (Luminare is shipped Vive Enabled)		<input type="checkbox"/> ZL027-DLE Intellect Power Control Module 1 6	<input type="checkbox"/> ENA-LC-ZB-BK-DR Wireless Area Lighting Control Module 1 7		<input type="checkbox"/> FS-PP-V2 FS-PP Fixture Integrated Sensor Power Pack 1 9	
	<input type="checkbox"/> A-WN-D01-RF-WH Athena wireless node (RF only) (White)	<input type="checkbox"/> SU-5E-IoT IoT Node Micro Sensor <input type="checkbox"/> SU-5E-CL Connected Micro Sensor <input type="checkbox"/> SU-5E-IL Indipendent Micro Sensor <input type="checkbox"/> SU-55-H(IoT/CL/IL) Serface Mount Sensor 2 Must be Specified with CU-4E-FMH Control Unit	<input type="checkbox"/> ZL00J-TOW Intellect Intelligent Fixture Control System 2	<input type="checkbox"/> EN-CLMP-PIR-DD-ZB SensiLUM™ Wireless Integrated Sensor	<input type="checkbox"/> SNS 212 EasyAir Daylight and Occupancy sensor	<input type="checkbox"/> FD-301 Fixture integrated Daylight Dimming Sensor 2	<input type="checkbox"/> NXRM HubbNETTM Radio Module
INTEGRATED OCCUPANCY & DAYLIGHT SENSOR	<input type="checkbox"/> DFCSJ-OEM-OCC Clear Connect (RF) and Occupancy/Daylight Sensing 2		<input type="checkbox"/> ZL00J-DOW Intellect Intelligent Fixture Control System 2	<input type="checkbox"/> ZBHACLM-DIM-ENC Connected Lighting Module DIM 2	<input type="checkbox"/> SNS300 SNS300 for networks 2	<input type="checkbox"/> FS-205 Fixture integrated passive infrared occupancy sensor 2	<input type="checkbox"/> NXSMP2-OMNI Integrated Fixture Sensor & Controller
*WIRELESS OCCUPANCY SENSOR	<input type="checkbox"/> LRF2-OCR2B-P-WH Ceiling mount360°, occupancy/vacancy sensor 3	N/A	N/A	<input type="checkbox"/> EN-SCPPH-1500-ZB Wireless Passive Infrared Occupancy and Photo Sensors 3	N/A	<input type="checkbox"/> LMDC-100 Dual technology PIR Ceiling Mount Occupancy Sensor 3	<input type="checkbox"/> NXSMP2-SMI NX Slide Mount Indoor Sensor Module
*WIRELESS DAYLIGHT SENSOR	<input type="checkbox"/> LRF2-DCRB-WH Ceiling-mount daylight sensor 3	N/A	N/A	<input type="checkbox"/> EN-SCPPH-1500-ZB Wireless Passive Infrared Occupancy and Photo Sensors 3	N/A	<input type="checkbox"/> LMLS-400 Single zone switching and dimming digital photosensor 3	<input type="checkbox"/> LUXSTATS Luxstat Light Sensor for Luxstat Control Modules, 3 to 6000 FC
*WIRELESS OCCUPANCY & DAYLIGHT SENSOR	<input type="checkbox"/> SU-5E-IoT IoT Node Micro Sensor <input type="checkbox"/> SU-5E-CL Connected Micro Sensor <input type="checkbox"/> SU-5E-IL Indipendent Micro Sensor <input type="checkbox"/> SU-55-H (IoT/CL/IL) Serface Mount Sensor 3 Must be specified with CU-4E-FMH Control Unit	<input type="checkbox"/> ZL00J-TOW Intellect Intelligent Fixture Control System	<input type="checkbox"/> EN-CLMP-PIR-DD-ZB SensiLUM™ Wireless Integrated Sensor	<input type="checkbox"/> SNS212-CMP SNS-212 for Grouping 3	<input type="checkbox"/> N/A	<input type="checkbox"/> N/A	<input type="checkbox"/> NXSMDT Indoor Ceiling Mount Sensor - OMNI
ACCESSORIES		<input type="checkbox"/> TMC-SU-5E Tile Mount Carrier	<input type="checkbox"/> ZL00J-DOW Intellect Intelligent Fixture Control System 3				
		<input type="checkbox"/> CBL-5E-CU4-30N 30 inch Sensor cable for CU-4 and IoT Ready					
		<input type="checkbox"/> CBL-5E-CU4-7F 7 Foot sensor cable for CU-4 and IoT Ready Driver					
		N/A	N/A				

1- Luminaire will be shipped with Powerpacks pre-installed, ready to be integrated to designated control systems

2- Luminaire will be shipped with Sensors installed on the luminaire, allowing for individual luminaire control. Luminaires will be ready to be integrated with designated control systems

3- Luminaire will be shipped with Sensors to be remotely installed on the ceiling. Luminaires will be ready to be integrated with designated control systems

4- Luminaire will be compatible with LUTRON LRF2-OCR2B-PWH Ceiling mount 360deg occupancy/vacancy sensor & LRF2-DCRB-WH ceiling mount daylight sensor Sensors must be ordered through Lutron

5- Luminaire will be compatible with ENLIGHTED SU-5E-IoT, SU-5E-CL, SU-5E-IL, SU-5SSH, Sensors

6- Luminaire will be compatible with LEVITON Intellect APP & Keypad room controller

7- Luminaire will be compatible with EN-SCPPH-1500-ZB Wireless passive infrared occupancy and photo sensor

8- Luminaire will be compatible with philips field and wireless switch

9- Luminaire will be compatible with DLM Room control system LMPB-100.. Sensors must be ordered through Legrand.