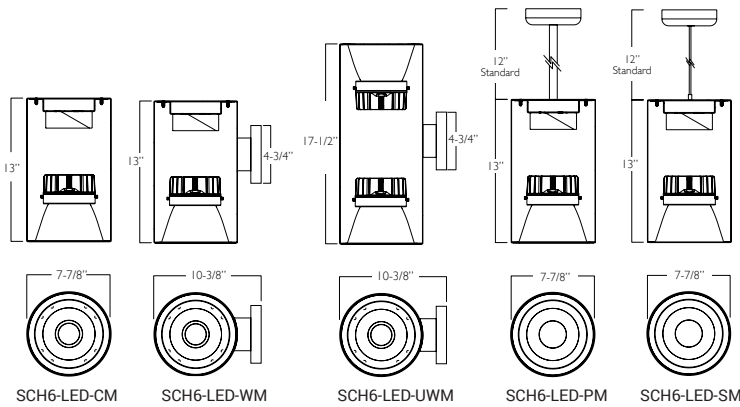
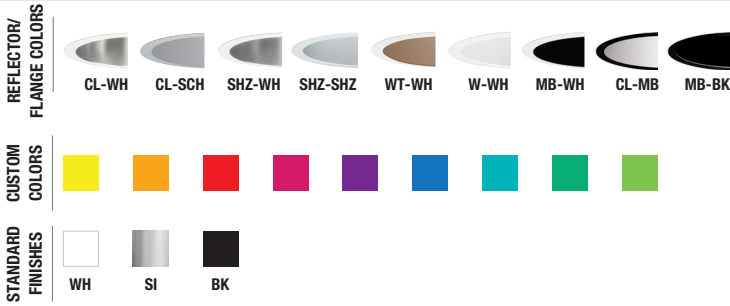




NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
4000	6696	72 W
4000	4649	46 W
3000	3374	36 W
2000	2252	22 W
1500	1785	20 W
1200	1422	16 W
900	1065	12 W

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

FEATURES

A highly sustainable and ultra-efficient architectural LED Cylinder that provides even, glare-free illumination. Available in a range of mountings, finishes, distributions, and lumen packages, it is ideally suited for use in corporate office space, hospitality, healthcare, commercial, academic, churches, airports and retail merchandising.

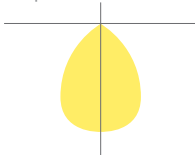
OPTICS AND REFLECTOR

The reflector has a 45° visual cutoff, and is shipped standard with a Solite lens in a smooth frosted finish. Spun from 0.05" thick aluminum, with a 1-step anodized finish, available in different colors or custom RAL finishes, and various distribution options are available.

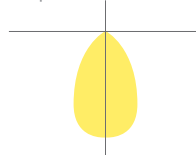
LUMENS	900, 1200, 1500, 2000, 3000, 4000, 5000* (Custom lumen packages available)
CCT & DYNAMIC PLATFORMS	22K, 27K, 30K, 35K, 40K, 50K, Tunable White, Dims to Warm, RGB + White
CRI	90+ Standard, 98+ Optional
COLOR QUALITY	2 Step MacAdam Ellipse
DISTRIBUTIONS	WD (Wide Distribution), MD (Medium Distribution) and ND (Narrow Distribution)
MOUNTING OPTIONS	CM (Ceiling Mount), WM (Wall Mount), UWM (Up & Down Wall Mount), PM (Pendant Mount), SM (Suspended Mount)
BODY FINISHES	WH (White), BK (Black), BZ (Bronze), SI (Silver), Custom RAL
REFLECTOR COLORS	CL (Semi-Specular Chrome), SHZ (Low Iridescent Satin Haze), WT (Wheat), W (White), MB (Black)
DIMMING	*0-10V Flicker Free 1% Dimming Standard (DIM10), LUTH, LUTFTB, LUT2W, ELD010.1, ELD0DMX.1, ELD0DALI.1, DIMTR
EMERGENCY	10W - Up to 1000L Output 20W - Up to 2000L Output EMG-LED-G2-10W-SDT - Self Diagnostic (Consult Factory)
LIFETIME	L70 at 102,000 Hours
PHOTOMETRIC TESTS	In Accordance with IES LM79-08 and LM80, TM-30, TM-21

* Only Available on 85+ CRI

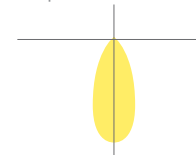
WD: Wide
Candlepower Distribution Curve



MD: Medium
Candlepower Distribution Curve



ND: Narrow
Candlepower Distribution Curve



Reference IES files for additional distribution curve information.



CONSTRUCTION

The cylinder body comes standard with a post-painted mate white finish and die-formed construction for maximum heat dissipation and rust protection. Other standard finishes and custom colors are also available.

THERMAL MANAGEMENT SYSTEM

Die-cast aluminum housing and thermal management system are engineered for extremely long life. Heat sink is attached to top of housing. The LED light engine is attached to the die-cast heat sink and is easily replaceable and upgradeable.

MOUNTING OPTIONS

Ceiling mount bracket provided for direct installation with 3-1/4" to 4" octagonal and square junction box. Pendant mount option is supplied with a 5" diameter canopy cover. Suspended mount option is supplied with an aircraft adjustable cable, and is ideal for sloped ceiling applications up to 45 degrees.

DIMMING & DRIVER INFORMATION

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

DIMTR - Triac & Electronic low voltage dimming. Available in 120V, and up to 40 watts.

LUT2W - Lutron LTEA2W Hi-Lume 1%. 2-wire LED Driver Forward Phase Control, 1% dimming in 120V only. Available on all luminaires up to 40 watts.

LUTH - Lutron LDE1 Hi-Lume Eco System. 1% dimming with Soft in Fade to Black dimming technology. Available on all luminaires up to 40 watts.

LUTFB - Lutron PEQ0 Hi-Lume Premier Eco System. 0.1% dimming with Soft in Fade to Black dimming technology. Available on all luminaires up to 20 watts.

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

DALI - DALI DT6, DT8 dimming down to 1%.

ELDODMX - EldoLED PowerDrive dimming down to 0.1%.

Please see EldoLED website for wiring diagrams and a list of compatible DMX and Dali control systems.

LED DYNAMIC PLATFORM OPTIONS



Tunable White with Smart White Technology utilizing the Lumenetix Platform allows you to color tune the luminaire via various controls. Create the perfect environment for the desired use of the space, while maintaining a CRI of 90+ across the tunable range of 8000 to 1650K. (Click here for more details)



Dims to Warm with Smart Dimming Technology. At 100% full brightness the luminaire is at 3000K. When dimmed to 1%, the light transitions to 1800K, creating a warm ambiance within the space. (Click here for more details)



RGB+White with Smart Hue Technology provides full color mixing of RGB and white colors. Utilizing the Lumenetix Platform allows you to choose from unlimited RGB color options, via various controls. Ideal for Circadian Rhythm applications or to create the perfect human centric environment. (Click here for more details)

DRIVER ELECTRICAL INFORMATION

The LED driver is rated for 50 to 60Hz at 120V/277V input, produces less than 20%THD, has a power factor between 90% and 100%, and is thermally protected for additional safety. Junction box and driver can be accessed from below the ceiling and above the ceiling. Junction box is listed for through branch circuit wiring.

WARRANTY

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

LISTINGS

c-UL-us - Listed for Feed Through Wiring.

c-UL-us - Listed for damp location

Example: SCH6-LED-CM-900L-DIM10-120-MD-30K-90-WH-HH6-6501-CL-WH

SERIES	LUMENS	DRIVER	VOLTAGE	OPTICS	CCT	CRI	EMERGENCY	BODY FINISHES	TRIM TYPES	REFLECTOR/ FLANGE COLORS
SCH6-LED	□ 900L	□ DIM10	□ 120	□ WD (Wide)	□ 22K	□ 90+	□ EMG-LED-10W	□ WH-WHITE	□ HH6-6501	□ CL-WH
MOUNTING	□ 1200L	□ DIMTR ^{1 6}	□ 277	□ MD (Medium)	□ 27K	□ 98+ ⁴	□ EMG-LED-20W	□ BK-BLACK	Flanged Downlight	□ CL-SCH
□ CM-CEILING MOUNT	□ 1500L	□ LUTH ^{2 6}	□ MVOLT	□ ND (Narrow)	□ 30K		□ EMG-LED-G2-10W-SDT*	□ BZ-BRONZE	□ HH6-6507	□ SHZ-WH
□ WM-WALL MOUNT	□ 2000L	□ LUT2W ^{1 6}	□ 347		□ 35K			□ SI-SILVER	Flanged Single Wall Wash	□ SHZ-SHZ
□ UWM-UP/DOWN	□ 3000L	□ LUTFB ⁷	(DIM10 only)		□ 40K			□ HH6-6577	Flanged Double wall wash	□ WT-WH
□ UWM-UP/DOWN WALL MOUNT ONLY ⁵	□ 4000L	□ ELDO10.1 ²			□ 50K ³	(85+ CRI only)		□ Custom Color		□ W-WH
□ PM12-12"	□ 5000L	□ ELDODALI-1 ²								□ MB-WH
□ PM18-18"		□ ELDODMX-1 ²								
□ PM24-24"										
□ PM36-36"										
□ PM48-48"										
□ SM-10' SUSPENDED MOUNT (Consult factory for other sizes)										

¹ LUT2W and DIMTR are available in 120V only

⁴ 98+ CRI is available in 27K, 30K and 40K only

² LUTH, ELDO10.1, ELDODALI -1, and ELDODMX-1 are available in 120V and 277V

⁶ LUTH and LUT2W, DIMTR Available for luminaires up to 3000L

³ 50K series are available with 85+ CRI only

⁷ LUTFB Available for luminaires up to 1500L

SCH6-LED-2000L-DIM10-MVOLT-ND-40K-90-HH6-6501-CL-WH

INPUT WATTS: **22.6**

LUMENS: **2252**

CRI: **90**

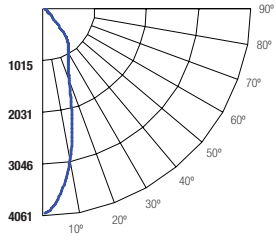
EFFICACY: **100**

CCT: **4000K**

TEST NO.: **EL1218120**

SPACING CRITERIA: **0.60**

Candle Power Distribution (Candelas)



Cone of Light		
4.0	14.0 ft	10.2 ft
8.0	3.5 ft	20.4 ft
12.0	1.56 ft	30.6 ft
16.0	0.88 ft	40.8 ft
20.0	0.56 ft	50.9 ft
24.0	0.39 ft	61.1 ft
Distance to Plane	Initial Footcandle at Nadir	Beam diameter

BEAM DIA. MEASURED AT 50% OF NADIR F.C.

Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	946.09	42.00	42.00
0-30	1484.6	65.90	65.90
0-40	1982.43	88.00	88.00
0-60	2237.11	99.30	99.30
0-80	2250.88	100.00	100.00
0-90	2251.93	100.00	100.00

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	22917	25286	8443
55	4748	4403	3348
65	2366	1643	395
75	478	466	226
85	1068	993	113

Lumens Per Zone

Zone	Lumens
0-10	335.41
10-20	610.68
20-30	538.50
30-40	497.83
40-50	212.00
50-60	42.67
60-70	11.87
70-80	1.91
80-90	1.05

Candela Tabulation

Q	0	5	15	25	35	45	55	65	75	85	90
0	4050.02										
5	3930.80										
15	2475.29										
25	1275.54										
35	756.75										
45	295.88										
55	49.72										
65	18.26										
75	2.26										
85	1.70										
90	1.42										

Coefficients of Utilization - Zonal Cavity Method
Effective Floor Cavity Reflectance 0.20

	RC	80%				70%				50%				30%				10%				0%
	RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%			
ROOM CAVITY RATIO	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	109	106	104	104	103	101	101	99	98	97	96	95	93			
	2	108	103	99	95	106	101	98	94	98	95	92	95	93	90	92	90	88	87			
	3	102	96	91	87	100	94	90	86	92	88	85	89	86	83	87	85	82	81			
	4	97	90	84	80	95	88	83	79	86	82	78	84	80	77	82	79	77	75			
	5	92	84	78	74	91	83	77	73	81	76	73	79	75	72	78	74	71	70			
	6	88	79	73	68	86	78	72	68	76	71	68	75	71	67	74	70	67	65			
	7	83	74	68	64	82	73	68	64	72	67	63	71	66	63	70	66	63	61			
	8	79	70	64	60	78	69	64	60	68	63	60	67	63	59	66	62	59	58			
	9	76	66	60	56	75	66	60	56	65	60	56	64	59	56	63	59	56	54			
10	72	63	57	53	71	62	57	53	62	57	53	61	56	53	60	56	53	51				

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

SCH6-LED-2000L-DIM10-MVOLT-MD-40K-90-HH6-6501-CL-WH

INPUT WATTS: **22.9**

LUMENS: **2168**

CRI: **90**

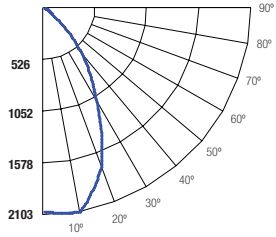
EFFICACY: **95**

CCT: **4000K**

TEST NO.: **EL1218117**

SPACING CRITERIA: **0.94**

Candle Power Distribution (Candelas)



Cone of Light		
4.0	7.16 ft	19.5 ft
8.0	1.79 ft	39.1 ft
12.0	0.8 ft	58.6 ft
16.0	0.45 ft	78.2 ft
20.0	0.29 ft	97.7 ft
24.0	0.2 ft	117.3 ft
Distance to Plane	Initial Footcandle at Nadir	Beam diameter

BEAM DIA. MEASURED AT 50% OF NADIR F.C.

Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	730.90	33.70	33.70
0-30	1340.37	61.80	61.80
0-40	1833.96	84.60	84.60
0-60	2149.35	99.10	99.10
0-80	2167.32	100.00	100.00
0-90	2168.4	100.00	100.00

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	27035	27917	20189
55	8039	8246	4613
65	3879	1724	451
75	512	499	258
85	1056	961	132

Lumens Per Zone

Zone	Lumens
0-10	197.86
10-20	533.03
20-30	609.47
30-40	493.59
40-50	252.34
50-60	63.05
60-70	15.85
70-80	2.13
80-90	1.07

Candela Tabulation

Q	0	5	15	25	35	45	55	65	75	85	90
0	2070.21										
5	2089.36										
15	1915.94										
25	1396.23										
35	824.47										
45	349.04										
55	84.19										
65	29.93										
75	2.42										
85	1.68										
90	1.31										

Coefficients of Utilization - Zonal Cavity Method
Effective Floor Cavity Reflectance 0.20

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

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

SCH6-LED-2000L-DIM10-MVOLT-WD-40K-90-HH6-6501-CL-WH

INPUT WATTS: **22.7**

LUMENS: **2013**

CRI: **90**

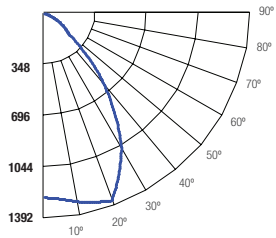
EFFICACY: **89**

CCT: **4000K**

TEST NO.: **EL1218119**

SPACING CRITERIA: **1.12**

Candle Power Distribution (Candelas)



Cone of Light		
4.0	4.45 fc	27 ft
8.0	1.11 fc	53.9 ft
12.0	0.49 fc	80.9 ft
16.0	0.28 fc	107.9 ft
20.0	0.18 fc	134.8 ft
24.0	0.12 fc	161.8 ft
Distance to Plane	Initial Footcandle at Nadir	Beam diameter

INTEGRATED SENSOR AND CONTROL OPTIONS

With the integration of controls, Elite Lighting now offers its products with controls-ready performance that increases energy efficiency, smarter space planning, and the enhancement of safety and productivity in the workplace. By utilizing these controls, Elite Lighting luminaires enable your customer's facility to run smarter, with the use of an easily controlled system through any platform.

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

BRAND	EASYFIT by EnOcean	LUTRON	enlighted	LEVITON®	OSRAM	PHILIPS EasySense	legrand®
CONTROL UNIT	☐ LEDRU LED Relay Zone Controller 0-10V ¹ ☐ LEDDU LED Zone Controller 0-10V ¹	☐ FCJS-010 Lutron Vive 0-10V Individual Pow Pak (Luminaire is shipped Vive Enabled) ¹⁴ ☐ FCJS-ECO Lutron Vive Eco-system Pow Pak (Luminaire is shipped Vive Enabled) ¹⁴	☐ CU-4E-FMH Fixture Mount Control Unit ¹⁵	☐ ZL027 -NOW Intellect Power Control Module ¹⁶ ☐ ZL027 -NOW Intellect Power Control Module ¹⁶	☐ EN-WCM2-ZB-DR Wireless Control Module ¹⁷ ☐ EN- ALC-ZB-BK-DR Wireless Area Lighting Control Module ¹⁷ ☐ ZBHA-CLM-DIM-ENC Connected Lighting Module DIM ¹⁷	☐ SBR -BS Xitanium SR Bridge ¹⁸	☐ LMFC-011 ON/OFF/0-10V dimming fixture controller ¹⁹
INTEGRAT SENSOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A
*WIRELESS OCCUPANCY SENSOR	☐ EOSCU-W-EO Occupancy Sensor - Ceiling Mounted (Must be specified with LEDRU or LEDDU control unit) ³	N/A	N/A	N/A	N/A	N/A	☐ LMDC-100 Dual technology PIR Ceiling Mount Occupancy Sensor ³
*WIRELESS DAYLIGHT SENSOR	☐ ELLSU-W-EO Light Level Sensor - Ceiling Mounted (Must be specified with LEDRU or LEDDU control unit) ³	N/A	N/A	N/A	N/A	N/A	☐ LMLS-400 Single zone switching and dimming digital photosensor ³
*WIRELESS OCCUPANCY & DAYLIGHT SENSOR	N/A	N/A	☐ SU-5E-IoT IoT Node Micro Sensor ³ ☐ SU-5E-CL Connected Lighting Micro Sensor ³ ☐ SU-5E-IL Independent Lighting / Enlighted One Micro Sensor ³ ☐ SU-5S-H-(IoT/CL/IL) Surface Mount Sensor ³ (Must be specified with CU- 4E-FMH Control Unit)	☐ ZL00J -TOW Intellect Intelligent Fixture Control System ³ (Must be specified with ZL027 -NOW Control Unit)	☐ EN-CLM-PIR-DD-ZB SensiLUM™ Wireless Integrated Sensor ☐ EN-SCPPH-1500-ZB Wireless Passive Infrared Occupancy and Photo Sensors ³ (Must be specified with EN-WCM2-ZB-DR or EN- ALC-ZB-BK-DR Control Unit)	☐ SNS200- CMP SNS200 for grouping ³	N/A
ACCESSORIES	N/A	N/A	☐ TMC-SU-5E Tile Mount Carrier ☐ CBL-5E-CU4-30N 30 inch Sensor Cable for CU-4 and IoT Ready™ drivers ☐ CBL-5E-CU4-7F 7 foot Sensor Cable for CU-4 and IoT Ready™ drivers	N/A	N/A	N/A	N/A
NOTES	N/A	4- Luminaire will be compatible with Lutron LRF2-OCR2B-P-WH Ceiling mount360° 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-5S-H, 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 Sensors	8-Luminaire will be compatible with Philips field and wireless switch.	9-Luminaire will be compatible with DLM Room control system LMPB-100. DLM control system must be orderd through Legrand.