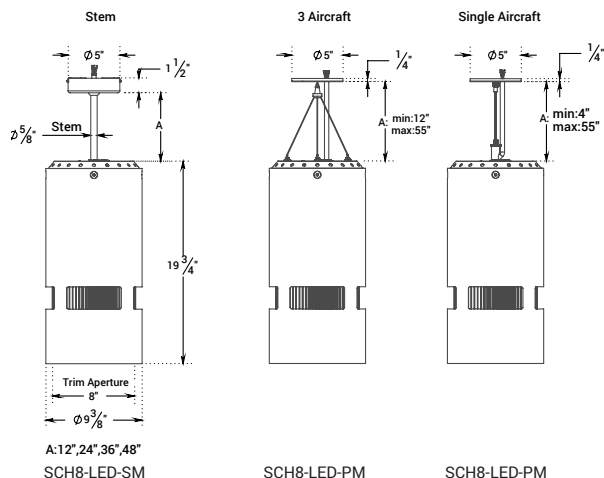


REFLECTOR/
FLANGE COLORS



STANDARD
FINISH



NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
24000	24030	243 W
22000	22689	226 W
20000	20323	199 W
16000	16529	158 W
10000	10456	98 W
8000	8338	77 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.

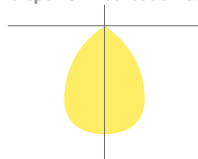
OPTICS AND REFLECTOR

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.

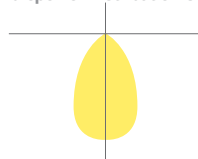
LUMENS	8000, 10000, 16000, 20000, 22000, 24000
CCT & DYNAMIC PLATFORMS	22K, 27K, 30K, 35K, 40K, 50K, Tunable White, Dims to Warm
CRI	90+ Standard, 98+ Optional
COLOR QUALITY	2 Step MacAdam Ellipse
DISTRIBUTIONS	WD (Wide Distribution), MD (Medium Distribution) and ND (Narrow Distribution)
MOUNTING OPTIONS	PM (Pendant Mount), SM (Suspended Mount)
BODY COLORS	WH (White), BK (Black), BZ (Bronze), SI (Silver), Custom RAL
REFLECTOR COLORS	CL (Semi-Specular Chrome), MB (Black), SHZ (Low Iridescent Satin Haze), WH (White), WT (Wheat)
DIMMING	0-10V Flicker Free 1% Dimming Standard (DIM10), LUTH, LUT2W, ELD010.1, ELD0DMX.1, ELD0DALI.1, DIMTR
REMOTE EMERGENCY	10W - Up to 1000L Output (Bodine BSL310) 20W - Up to 2000L Output (Bodine BSL20)
LIFETIME	L70 at 102,000 Hours
PHOTOMETRIC TESTS	In Accordance with IES LM79-08 and LM80 and TM-30, TM-21

* Only Available on 85+ CRI

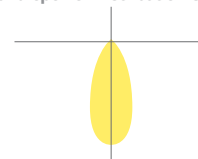
WD: Wide
Candlepower Distribution Curve



MD: Medium
Candlepower Distribution Curve



ND: Narrow
Candlepower Distribution Curve



Reference IES files for additional distribution curve information.



CONSTRUCTION

Post painted die-formed construction for maximum heat dissipation and rust protection. Matte white finish standard.

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 16000 lumens only.

LUT2W - Lutron LTEA2W Hi-Lume 1%. 2-wire LED Driver Forward Phase Control, 1% dimming in 120V only. Available on all luminaires up to 16000 lumens.

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

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)

LIGHT ENGINE

Contains a plurality of high brightness white LED's combined with high reflectance upper reflector and convex transitional lens producing even distribution with no pixilation.

Lumen output shall not decrease by more than 30% over the minimum life of 102,000 hours (L70 > 102,000 hours) Color variation within 2-step MacAdam ellipses.

Flexible disconnect allows for tool-less replacement of LED engine from below ceiling Available in 2200K, 2700K, 3000K, 3500K, 4000K and 5000K correlated color temperature (CCT)

Available in 90 or 98 color rendering index (CRI)

WARRANTY

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

LISTINGS

c-UL-us - Listed for Feed Through Wiring.
Energy Star and California Title 24 compliant.

Example: SCH8-HL-LED-SM-8000L-DIM10-120-MD-30K-90-WH-SCH8-8501-CL-WH

SERIES	LUMENS	DRIVER	VOLTAGE	OPTICS	CCT	CRI	EMERGENCY	BODY FINISH	TRIM TYPE	REFLECTOR/TRIM FINISH	LENS TYPE
SCH8-HL-LED	<input type="checkbox"/> 8000L	<input type="checkbox"/> DIM10	<input type="checkbox"/> 120	<input type="checkbox"/> WD (Wide)	<input type="checkbox"/> 22K	<input type="checkbox"/> 90+	<input type="checkbox"/> EMG-LED-10W	<input type="checkbox"/> WH-WHITE	<input type="checkbox"/> HL8-8501	<input type="checkbox"/> CL-WH	<input type="checkbox"/> TGL-CL- TEMPERED GLASS PRISMATIC LENS
MOUNTING	<input type="checkbox"/> 10000L	<input type="checkbox"/> DIMTR ¹ ⁶	<input type="checkbox"/> 277	<input type="checkbox"/> MD (Medium)	<input type="checkbox"/> 27K	<input type="checkbox"/> 98+ ⁴	<input type="checkbox"/> EMG-LED-20W	<input type="checkbox"/> BK-BLACK		<input type="checkbox"/> CL-SCH	<input type="checkbox"/> TGL-FR - TEMPERED GLASS FROSTED PRISMATIC LENS (75° ONLY)
<input type="checkbox"/> PM12-12"	<input type="checkbox"/> 16000L	<input type="checkbox"/> LUTH ² ⁶	<input type="checkbox"/> MVOLT	<input type="checkbox"/> ND (Narrow)	<input type="checkbox"/> 30K		<input type="checkbox"/> EMG-LED-G2-10W-SDT*	<input type="checkbox"/> SI-SILVER		<input type="checkbox"/> SHZ-WH	
<input type="checkbox"/> PM18-18"	<input type="checkbox"/> 20000L	<input type="checkbox"/> LUT2W ¹ ⁶	<input type="checkbox"/> 347		<input type="checkbox"/> 35K		Remote mounted installation	Custom Color		<input type="checkbox"/> SHZ-SHZ	
<input type="checkbox"/> PM24-24"	<input type="checkbox"/> 22000L	<input type="checkbox"/> ELD010-.1 ²	(DIM10 only)		<input type="checkbox"/> 40K		* Consult Factory for Self Diagnostic			<input type="checkbox"/> WT-WH	
<input type="checkbox"/> PM36-36"	<input type="checkbox"/> 24000L	<input type="checkbox"/> ELD010-.1 ²			<input type="checkbox"/> 50K ³					<input type="checkbox"/> W-WH	
<input type="checkbox"/> PM48-48"		<input type="checkbox"/> ELDODALI-.1 ²								<input type="checkbox"/> MB-WH	
<input type="checkbox"/> SM-10' SUSPENDED MOUNT single point cable suspension		<input type="checkbox"/> ELDODMX-.1 ²									
<input type="checkbox"/> SM-10' SUSPENDED MOUNT 3 point cable suspension											
(Consult factory for other sizes)											

² LUTH, ELD010-.1, ELDODALI -.1, and ELDODMX-.1 are available in 120V and 277V

¹ LUT2W and DIMTR are available in 120V only(160W)

³ 50K series are available with 85+ CRI only

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

⁶ LUTH Available for luminaires up to 22000L and LUT2W, DIMTR Available for luminaires up to 18000L




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.

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

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

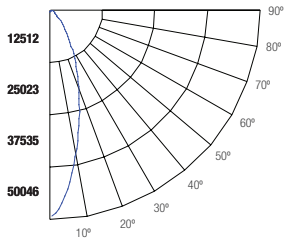
Luminaire will be shipped with Sensors to be remotely installed on the ceiling. Luminaires will be ready to be integrated with designated control systems

BRAND	EASYFIT by EnOcean	 LUTRON	enlighted	 LEVITON	PHILIPS EasySense	 legrand
POWER PACK	<input type="checkbox"/> LEDRU - LED Relay Zone Controller 0-10V	<input type="checkbox"/> Lutron Vive FCJS-010 - Individual Luminaires Control, 0 to 10 V	<input type="checkbox"/> CU-E3-1R	<input type="checkbox"/> ZL027-N0W - Power control module	<input type="checkbox"/> SRB	<input type="checkbox"/> LMFC-011
	<input type="checkbox"/> LEDDU - LED Zone Controller 0-10V	<input type="checkbox"/> Lutron Vive FCJS-ECO - Individual Luminaires Control, Eco System	<input type="checkbox"/> SR Driver		<input type="checkbox"/> Philips Driver	<input type="checkbox"/> FS-PP-V2
REMOTE SENSOR			<input type="checkbox"/> SU-4E-01	<input type="checkbox"/> ZL00J-DOW - Sensor control module (Downlight Luminaires)	<input type="checkbox"/> SNS200-CMP	
			<input type="checkbox"/> SU-5E-CL			

SCH8-HL-LED-24000L-DIM10-MVOLT-ND-40K-90-HL8-8501-CL-W

INPUT WATTS: **239.421**LUMENS: **23186**CRI: **90**EFFICACY: **97**CCT: **4000K**TEST NO.: **EL07012201**SPACING CRITERIA: **0.5**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	11782.9	50.8	50.8
0-30	18392.25	79.3	79.3
0-40	21955.16	94.7	94.7
0-60	23139.99	99.8	99.8
0-80	23173.84	99.9	99.9
0-90	23175.08	100	100

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	91815	103532	138171
55	17702	17119	21049
65	8490	2594	6378
75	1498	1389	1703
85	461	412	835

Lumens Per Zone

Zone	Lumens
0-10	4070.58
20-Oct	7712.32
20-30	6609.35
30-40	3562.91
40-50	1019.95
50-60	164.88
60-70	27.93
70-80	5.92
80-90	1.24

Candela Tabulation

0	0
0	49383.24
5	42969.77
15	24813.56
25	12464.42
35	4895.89
45	758.66
55	118.65
65	41.93
75	4.53
85	0.47
90	0.12

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

ROOM CAVITY RATIO	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%			
	0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			
	1	114	111	109	107	112	109	107	105	105	104	102	102	100	99	98	97	96	94			
	2	109	105	101	98	107	103	99	97	100	97	95	97	94	93	94	92	91	89			
	3	104	98	94	90	102	97	93	89	94	91	88	92	89	87	90	87	85	84			
	4	100	93	88	84	98	92	87	83	89	86	82	88	84	81	86	83	81	79			
	5	95	88	82	78	94	87	82	78	85	81	77	83	80	77	82	79	76	75			
	6	91	83	78	74	90	82	77	73	81	76	73	79	76	73	78	75	72	71			
	7	87	79	73	70	86	78	73	69	77	72	69	76	72	69	75	71	68	67			
8	84	75	70	66	82	74	69	66	73	69	65	72	68	65	71	68	65	64				
9	80	71	66	63	79	71	66	62	70	65	62	69	65	62	68	65	62	61				
10	77	68	63	60	76	68	63	59	67	62	59	66	62	59	66	62	59	58				

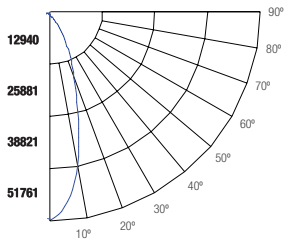
RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

SCH8-HL-LED-24000L-DIM10-MVOLT-MD-40K-90-HL8-8501-CL-W

INPUT WATTS: **243.523**LUMENS: **24030**CRI: **90**EFFICACY: **99**CCT: **4000K**TEST NO.: **EL07012201**SPACING CRITERIA: **0.6**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	12904.43	53.7	53.7
0-30	19433.61	80.9	80.9
0-40	22905.02	95.3	95.3
0-60	23985.24	99.8	99.8
0-80	24017.07	99.9	99.9
0-90	24018.3	100	100

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	92375	111919	132121
55	18703	18908	20100
65	6348	2598	4382
75	1617	1366	1316
85	756	609	717

Lumens Per Zone

Zone	Lumens
0-10	4436.44
20-Oct	8468
20-30	6529.17
30-40	3471.42
40-50	926.47
50-60	153.74
60-70	26.2
70-80	5.64
80-90	1.23

Candela Tabulation

0	0
0	51138.81
5	47554.69
15	28230.3
25	12882.76
35	4974.41
45	763.28
55	125.36
65	31.35
75	4.89
85	0.77
90	0.13

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

ROOM CAVITY RATIO	RC	80%				70%				50%			30%			10%			0%	
	RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	10%	30%	10%	0%
	0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	100
	1	114	112	109	107	112	109	107	106	105	104	102	102	100	99	98	97	96	95	95
	2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	93	91	89	89
	3	104	99	94	91	103	97	93	90	95	91	89	92	90	87	90	88	86	84	84
	4	100	93	88	85	98	92	88	84	90	86	83	88	85	82	86	84	81	80	80
	5	96	88	83	79	94	87	83	79	86	81	78	84	80	78	83	79	77	76	76
	6	92	84	79	75	90	83	78	74	82	77	74	80	76	73	79	76	73	72	72
	7	88	80	74	71	87	79	74	70	78	73	70	77	73	70	76	72	69	68	68
8	84	76	71	67	83	75	70	67	74	70	67	73	69	66	72	69	66	65	65	
9	81	73	67	64	80	72	67	64	71	67	63	70	66	63	70	66	63	62	62	
10	78	69	64	61	77	69	64	61	68	64	61	67	63	60	67	63	60	59	59	

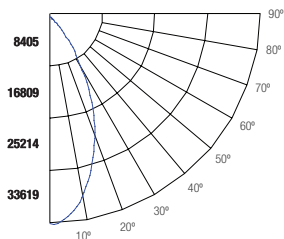
RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

SCH8-HL-LED-24000L-DIM10-MVOLT-WD-40K-90-HL8-8501-CL-W

INPUT WATTS: **240.575**LUMENS: **23548**CRI: **90**EFFICACY: **98**CCT: **4000K**TEST NO.: **EL07012201**SPACING CRITERIA: **0.8**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	10185.15	43.3	43.3
0-30	17720.76	75.3	75.3
0-40	22099.69	93.8	93.8
0-60	23493.15	99.8	99.8
0-80	23536.22	99.9	99.9
0-90	23537.67	100	100

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	134814	125287	137479
55	23984	24376	24206
65	7521	3149	8282
75	1617	1620	1792
85	589	501	805

Lumens Per Zone

Zone	Lumens
0-10	3012.33
20-Oct	7172.82
20-30	7535.62
30-40	4378.93
40-50	1186.45
50-60	207.01
60-70	36.18
70-80	6.89
80-90	1.46

Candela Tabulation

0	0
0	33260.18
5	31916.65
15	24782.57
25	15480.5
35	6282.04
45	1113.95
55	160.75
65	37.14
75	4.89
85	0.6
90	0.13

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

ROOM CAVITY RATIO	RC	80%				70%				50%			30%			10%			0%
	RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	10%	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	108	104	100	97	106	102	98	96	99	96	93	96	93	91	93	91	90	88
	3	103	97	92	88	101	96	91	88	93	89	86	91	88	85	88	86	84	82
	4	98	91	86	82	97	90	85	81	88	84	80	86	82	79	84	81	78	77
	5	94	86	80	76	92	85	79	76	83	78	75	81	77	74	80	76	74	72
	6	89	81	75	71	88	80	74	71	78	74	70	77	73	70	76	72	69	68
	7	85	76	70	66	84	75	70	66	74	69	66	73	69	65	72	68	65	64
8	81	72	66	62	80	71	66	62	70	65	62	69	65	62	68	64	61	60	
9	77	68	63	59	76	68	62	59	67	62	58	66	61	58	65	61	58	57	
10	74	65	59	55	73	64	59	55	64	59	55	63	58	55	62	58	55	54	