SCH8-HL-LED 8" Architectural High Lumen LED Cylinder





WT-WH

3 Aircraft

Ø5"

SCH8-LED-PM

DELIVERED LUMENS

24030

22689

20323

16529

10456

8338

Based on 4000K, 90CRI with semi-specular chrome reflector.

W-WH

1/2

min:12' nax:55'

MB-WH

Single Aircraft

Ø5"

SCH8-LED-PM

WATTAGE

243 W

226 W

199 W

158 W

98 W

77 W

CL-MB

MB-BK

1/4

SHZ-SHZ

SHZ-WH

11/2

193/

BK

Sten

Trim Aperture ← Ø9³/8" → A·12" 24" 36" 48" SCH8-LED-SM

NOMINAL LUMENS

24000

22000

20000

16000

10000

8000

ARCHITECTURAL LIGHTING

Reflector/ Flange colors

STANDARD Finish

CL-WH

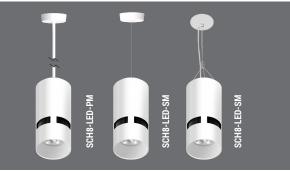
⊅5⁄8

WH

CL-SCH

SI

By Elite Lighting



FEATURES

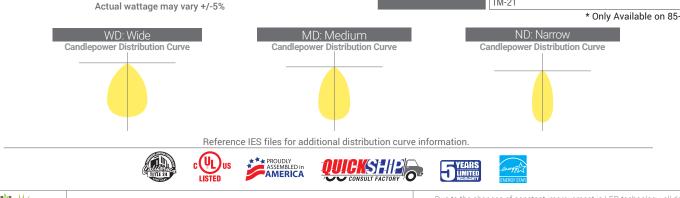
A highly sustainable and ultra-efficient architectural LED Cylinder that provides even, glare-free illumination. Available in a range of mountings, finishes, distributions, and lumen packages, it is ideally suited for use in corporate office space, hospitality, healthcare, commercial, academic, churches,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







www.iuseelite.com

Due to the changes of constant improvement in LED technology, all details are subject to change without notice. Consult factory for up to date information.

E



CONSTRUCTION

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

THERMAL MANAGEMENT SYSTEM

Die-cast aluminun housing and thermal managmement 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	ССТ	CRI	EMERGENCY	BODY FINISH	TRIM TYPE	REFLECTOR/ TRIM FINISH	
SCH8-HL-LED MOUNTING PM12-12" PM18-18" PM24-24" PM36-36" PM48-48" SM-10' SUSPENDED MOUNT single point cable suspension SM-10' SUSPENDED MOUNT 3 point cable suspension (Consult factory for other sizes)	 16000L 20000L 22000L 24000L 	□ DIM10 □ DIMTR ¹ 6 □ LUTH ² 6 □ LUT2W ¹ 6 □ ELD0101 ² □ ELD0DALI1 ² □ ELD0DMX1 ²		WD (Wide) MD (Medium) ND (Narrow)	 22K 27K 30K 35K 40K 50K ³ 	□ 90+ □ 98+ ⁴	EMG-LED-10W EMG-LED-20W EMG-LED-20W EMG-LED-G2-10W-SDT* Remote mounted installation * Consult Factory for Self Diagnostic	WH-WHTE WK-BLACK SI-SILVER Custom Color	□ HL8-8501	CL-WH CL-SCH SHZ-WH SHZ-SHZ WT-WH W-WH MB-WH	□ TGL-CL- TEMPERED GLASS PRISMATIC LENS □ TGL-FR - TEMPERED GLASS FROSTED PRISMATIC LENS (75° ONLY)

² LUTH. ELDO10-.1. ELDODALI -.1. and ELDODMX-.1 are available in 120V and 277V 3 50K series are available with 85+ CBI only ¹ LUT2W and DIMTR are available in 120V only(160W)

⁴98+ CBI 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 contol 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 control systems

BRAND		SLUTRON	enlighted		PHILIPS EasySense	L1 legrand °
POWER	LEDRU - LED Relay Zone Controller 0-10V	Lutron Vive FCJS-010 - Individual Luminaires Control, 0 to 10 V	CU-E3-1R	□ ZL027-NOW -	SRB	LMFC-011
PACK	□ LEDDU - LED Zone Controller 0-10V	Lutron Vive FCJS-ECO Individual Luminaires Control, Eco System	SR Driver	Power control module	Philips Driver	GIFS-PP-V2
REMOTE			□ SU-4E-01	ZL00J-DOW - Sensor control module	SNS200-CMP	
SENSOR			SU-5E-CL	(Downlight Luminaires)	SIN3200-CIVIP	



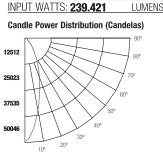
SCH8-LED 8" Architectural High Lumen LED Cylinder **0**″

TEST NO.: EL07012201 SPACING CRITERIA: 0.5

TEST NO.: EL07012201



SCH8-HL-LED-24000L-DIM10-MV0LT-ND-40K-90-HL8-8501-CL-W LUMENS: 23186 CRI: 90



Ional Lumens Summary					uminan.	ce (Ave	rage o	candela/	'M ²)	Ļ	umens	Per Zoi	ne	Candela Tabulation			
Zone	Lumens	%Lamp	%Fixt		Angle in	Augura	- o(/	Average	Average	11	Zone	Lu	mens			(0
0-20	11782.9	50.8	50.8	_	Degrees	Averag	euj	45∫	90∫						0	4938	33.24
0-30	18392.25	79.3	79.3		45			103532	138171		0-10	407	70.58		5	4296	69.77
											20-0ct	77	12.32		15	2481	3.56
0-40	21955.16	94.7	94.7		55	1770	-	17119	21049		20-30	660	09.35		25	1246	64.42
0-60	23139.99	99.8	99.8		65	8490	0	2594	6378		30-40		52.91		35	489	5.89
0-80	23173.84	99.9	99.9		75	1498	В	1389	1703						45	758	3.66
0-90	23175.08	100	100		85	461		412	835		40-50		19.95		55	118	3.65
0.00	20110.00	100	100					=		_	50-60	16	4.88		65	41.	
											60-70	27	7.93		75	4.5	
Cooffi	aianta of II	ilization	Zonal C	ovity M	othod						70-80	5	.92				
	cients of U ve Floor Ca				ethod						70-80 80-90		.92 .24		85 90	0.4	47 12
					ethod 70	%		_	50%						85	0.4	47
Effecti	ve Floor Ca	vity Reflect				% 30%	10%	50%		10%		1			85 90	0.4	47 12
Effectiv RC	ve Floor Ca 70% 5	vity Reflect 80% 0% 30% 19 119	ance 0.20 10% 119	70%	70 50% 116	30% 116	116	111	30% 111	111	80-90 50%	1 30% 30% 106	.24 10% 106	50% 102	85 90 10% 30% 102	0.4 0.5 10% 102	47 12 09 09 10
Effectiv RC RW 0 1	ve Floor Ca 70% 5 119 1 114 1	vity Reflect 80% 0% 30% 19 119 11 109	ance 0.20 10% 119 107	70%	70 50% 116 109	30% 116 107	116 105	111 105	30% 111 104	111 102	80-90 50% 106 102	1 30% 30% 106 100	.24 10% 106 99	50% 102 98	85 90 10% 30% 102 97	0.4 0.5 10% 102 96	47 12 09 09 10 94
Effectiv RW 0 1 2	ve Floor Ca 70% 5 119 1 114 1 109 1	vity Reflect 80% 19 119 11 109 05 101	ance 0.20 10% 119 107 98	70% 116 112 107	70 50% 116 109 103	30% 116 107 99	116 105 97	111 105 100	30% 111 104 97	111 102 95	80-90 50% 106 102 97	30% 30% 106 100 94	.24 10% 106 99 93	50% 102 98 94	85 90 10% 30% 102 97 92	0.4 0.7 10% 102 96 91	47 12 09 09 10 94 85
Effectiv RC RW 0 1	70% 5 119 1 114 1 109 1 104	vity Reflect 80% 19 119 11 109 05 101 98 94	ance 0.20 10% 119 107 98 90	70% 116 112 107 102	70 50% 116 109 103 97	30% 116 107 99 93	116 105 97 89	111 105 100 94	30% 111 104 97 91	111 102 95 88	80-90 50% 106 102 97 92	30% 30% 106 100 94 89	.24 10% 106 99 93 87	50% 102 98 94 90	85 90 10% 30% 102 97 92 87	0.4 0.7 10% 102 96 91 85	47 12 09 09 10 94 88 84
Effectiv RC RW 0 1 2 3 4	70% 5 119 1 114 1 109 1 104 100	vity Reflect 80% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 30% 3	10% 119 107 98 90 84	70% 116 112 107 102 98	70 50% 116 109 103 97 92	30% 116 107 99 93 87	116 105 97 89 83	111 105 100 94 89	30% 111 104 97 91 86	111 102 95 88 82	80-90 50% 106 102 97 92 88	1 30% 30% 106 100 94 89 89 84	.24 10% 106 99 93 87 81	50% 102 98 94 90 86	85 90 10% 30% 102 97 92 87 83	0.4 0.7 10% 102 96 91 85 81	47 12 09 09 10 94 85 84 75
Effectiv RW 0 1 2	ve Floor Ca 70% 5 119 1 114 1 109 1 104 100 95	80% 30% 30% 19 119 11 109 05 101 08 94 03 88 88 82	10% 119 107 98 90 84 78	70% 116 112 107 102 98 94	70 50% 116 109 103 97 92 87	30% 116 107 99 93 87 82	116 105 97 89 83 78	111 105 100 94 89 85	30% 111 104 97 91 86 81	111 102 95 88 82 77	80-90 50% 106 102 97 92 88 83	1 30% 30% 106 100 94 89 84 80	.24 10% 106 99 93 87 81 77	50% 102 98 94 90 86 82	85 90 10% 30% 102 97 92 87 83 79	0.4 0.7 10% 102 96 91 85 81 76	47 12 09 09 10 94 89 84 75 75
Effectiv RC RW 0 1 2 3 4	ve Floor Cat 70% 5 119 1 114 1 109 1 104 100 95 91	80% 30% 19 119 11 109 05 101 98 94 33 88 33 78	10% 119 107 98 90 84 78 74	70% 116 112 107 102 98 94 90	70 50% 116 109 103 97 92 87 82	30% 116 107 99 93 87 82 77	116 105 97 89 83 78 78 73	111 105 100 94 89 85 81	30% 111 104 97 91 86 81 76	111 102 95 88 82 77 73	80-90 50% 106 102 97 92 88 83 79	30% 30% 106 100 94 89 84 80 76	.24 10% 106 99 93 87 81 77 73	50% 102 98 94 90 86 82 78	85 90 10% 30% 102 97 92 87 83 79 75	0 0. 10% 102 96 91 85 81 76 72	47 12 09 09 10 94 88 84 75 75 75 71
Effectiv RC RW 0 1 2 3 4	ve Floor Ca 70% 5 119 1 114 1 109 1 104 100 95 91 87	80% 30% 19 119 11 109 05 101 08 94 03 88 88 82 33 78 79 73	10% 119 107 98 90 84 78	70% 116 112 107 102 98 94	70 50% 116 109 103 97 92 87	30% 116 107 99 93 87 82 77 73	116 105 97 89 83 78	111 105 100 94 89 85 81 77	30% 111 104 97 91 86 81 76 72	111 102 95 88 82 77 73 69	80-90 50% 106 102 97 92 88 83	1 30% 30% 106 100 94 89 84 80	.24 10% 106 99 93 87 81 77	50% 102 98 94 90 86 82	85 90 10% 30% 102 97 92 87 83 79	0.4 0.7 10% 102 96 91 85 81 76 72 68	47 12 09 10 94 89 84 75 75 71 67
Effectiv RC RW 0 1 2 3 4 5 6 7	ve Floor Ca 70% 5 119 1 114 1 109 1 100 95 91 87 84	80% 30% 19 119 11 109 05 101 98 94 33 88 33 78	10% 119 107 98 90 84 78 74 70	70% 116 112 107 102 98 94 90 86	70 50% 116 109 103 97 92 87 82 78	30% 116 107 99 93 87 82 77	116 105 97 89 83 78 73 69	111 105 100 94 89 85 81	30% 111 104 97 91 86 81 76	111 102 95 88 82 77 73	80-90 50% 106 102 97 92 88 83 79 76	1 30% 30% 106 100 94 89 84 80 76 72	.24 10% 106 99 93 87 81 77 73 69	50% 102 98 94 90 86 82 78 75	85 90 10% 30% 102 97 92 87 83 79 75 71	0 0. 10% 102 96 91 85 81 76 72	47 12 09 10 94 88 84 79 79 79 79 79

CCT: 4000K

EFFICACY: 97

RW - Wall Reflectance RC - Ceiling Cavity Reflectance

SCH8-HL-LED-24000L-DIM10-MV0LT-MD-40K-90-HL8-8501-CL-W INPUT WATTS: **243.523** CDI- 00

Candle Power Distribution (Candelas) 909 12940 80 25881 38821 51761 200 10°

NS:	24030		CRI: 9	0		FFICAC	r: 99		CCT: 40	UUR					710111	<u>G CRIT</u>	
ł	Zonal Lur	nens Sur	nmary			Luminance (Average candela/M ²) Lumens Per Zone							ne	Car	dela Ta	bulatio	n
	Zone	Lumens	%Lamp	%Fixt		Angle in	Average 0∫	Average	Average		Zone	Lu	mens		_	0	
	0-20	12904.4	3 53.7	53.7		Degrees		45∫	90∫		0.40		00.44		0	5113	
	0-30	19433.6	80.9	80.9		45	92375	111919	132121		0-10		36.44		5	4755	
	0-40	22905.0		95.3		55	18703	18908	20100		20-0ct		468		15	2823	
	0-40	23985.2		99.8		65	6348	2598	4382		20-30	65	29.17		25	1288	
											30-40	34	71.42		35	4974	
	0-80	24017.0		99.9		75	1617	1366	1316		40-50	92	26.47		45	763	
	0-90	24018.3	100	100		85	756	609	717		50-60		3.74		55	125	
-											60.70				65	31.	
											60-70	2	26.2		75	4.8	39
	Coeffic	ients of l	Itilization	- Zonal Ca	avity N	/lethod					70-80	25	26.2 5.64		75 85	4.8	39 77
			Itilization avity Reflect			/lethod						25	26.2		75	4.8	39 77
						/lethod 70	%		50%	_	70-80	25	26.2 5.64		75 85	4.8	39 77
	Effectiv	e Floor Ca	wity Reflec	tance 0.20			% 30% 10	% 50%		10%	70-80	2 5 1	26.2 5.64		75 85 90	4.8	39 77 13
	Effective RC	e Floor Ca 70% 119	80% 80% 50% 30% 119 119	tance 0.20 6 10% 119	70%	70 50% 116	30% 10 116 11	6 111	30%	111	70-80 80-90 50% 106	2 5 1 30% 106	26.2 5.64 .23 10% 106	50% 102	75 85 90 10% 30% 102	4.8 0.7 0.1 10% 102	39 77 13 0% 0% 100
-	Effective RC RW 0 1	e Floor Ca 70% 119 114	80% 80% 50% 30% 119 119 112 109	tance 0.20 6 10% 119 107	70%	70 50% 116 109	30% 10 116 11 107 10	6 111 6 105	30% 111 104	111 102	70-80 80-90 50% 106 102	2 5 1 30% 30% 106 100	26.2 5.64 .23 10% 106 99	50% 102 98	75 85 90 10% 30% 102 97	4.8 0.7 0.1 10% 102 96	39 77 13 0% 0% 100 95
-	Effective RC RW 0 1 2	e Floor Ca 70% 119 114 109	80% 80% 50% 30% 119 119 112 109 105 10	tance 0.20 6 10% 119 107 98	70%	70 50% 116 109 103	30% 10 116 11 107 10 100 9	6 111 6 105 7 100	30% 111 104 97	111 102 95	70-80 80-90 50% 106 102 97	2 5 1 30% 30% 106 100 95	26.2 5.64 .23 10% 106 99 93	50% 102 98 94	75 85 90 10% 30% 102 97 93	4.8 0.7 0.1 10% 102 96 91	39 77 13 0% 100 95 89
	Effective RC RW 0 1 2 3	e Floor Ca 70% 119 114 109 104	80% 80% 50% 30% 119 119 112 109 105 10 99 94	tance 0.20 6 10% 119 107 98 91	70% 116 112 107 103	70 50% 116 109 103 97	30% 10 116 11 107 10 100 9 93 9	6 111 16 105 7 100 0 95	30% 111 104 97 91	111 102 95 89	70-80 80-90 50% 106 102 97 92	2 5 1 30% 30% 106 100 95 90	26.2 5.64 .23 10% 106 99 93 87	50% 102 98 94 90	75 85 90 10% 30% 102 97 93 88	4.8 0.7 0.1 10% 102 96 91 86	39 77 13 0% 100 95 89 84
	Effective RC RW 0 1 2 3	e Floor Ca 70% 119 114 109 104 100	80% 50% 30% 119 119 112 109 105 10 ⁷ 99 94 93 88	tance 0.20 5 10% 119 107 98 91 85	70% 116 112 107 103 98	70 50% 116 109 103 97 92	30% 10 116 11 107 10 100 9 93 9 88 8	6 111 6 105 7 100 0 95 4 90	30% 111 104 97 91 86	111 102 95 89 83	70-80 80-90 50% 106 102 97 92 88	2 5 1 30% 30% 106 100 95 90 85	26.2 5.64 .23 10% 106 99 93 87 82	50% 102 98 94 90 86	75 85 90 10% 30% 102 97 93 88 88 84	4.8 0.7 0.1 10% 102 96 91 86 81	39 77 13 0% 100 95 89 84 80
V RATIO	Effective RC RW 0 1 2 3	e Floor Ca 70% 119 114 109 104 100 96	80% 30% 30% 119 111 111 112 100 100 90 94 93 88 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83	tance 0.20 10% 119 107 98 91 85 79	70% 116 112 107 103 98 94	70 50% 116 109 103 97 92 87	30% 10 116 11 107 10 100 9 93 9 88 8 83 7	6 111 6 105 7 100 0 95 4 90 9 86	30% 111 104 97 91 86 81	111 102 95 89 83 78	70-80 80-90 50% 106 102 97 92 88 88 84	2 5 1 30% 30% 106 100 95 90 85 80	26.2 5.64 .23 10% 106 99 93 87 82 78	50% 102 98 94 90 86 83	75 85 90 10% 30% 102 97 93 88 88 84 79	4.8 0.7 0.1 10% 102 96 91 86 81 77	39 77 13 0% 100 95 89 84 80 76
VITY BATIO	Effective RC RW 0 1 2 3	e Floor Ca 70% 119 114 109 104 100 96 92	80% 30% 50% 30% 119 118 112 109 105 10° 99 94 93 88 88 83 84 79	tance 0.20 10% 119 107 98 91 85 79 75	70% 116 112 107 103 98 94 90	70 50% 116 109 103 97 92 87 83	30% 10 116 11 107 10 100 99 93 99 88 88 83 7 78 7	6 111 6 105 7 100 0 95 4 90 9 86 4 82	30% 111 104 97 91 86 81 77	111 102 95 89 83 78 74	70-80 80-90 50% 106 102 97 92 88 88 84 80	2 5 1 30% 30% 106 100 95 90 85 80 76	26.2 5.64 .23 10% 106 99 93 87 82 78 73	50% 102 98 94 90 86 83 79	75 85 90 10% 30% 102 97 93 88 88 84 79 76	4.8 0.7 0.1 10% 102 96 91 86 81 77 73	39 77 13 0% 0% 100 95 89 84 80 76 72
CAVITY BATIO	Effective RC RW 0 1 2 3	e Floor Ca 70% 119 114 109 104 100 96	80% 30% 30% 119 111 111 112 100 100 90 94 93 88 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83 83	tance 0.20 10% 119 107 98 91 85 79 75 71	70% 116 112 107 103 98 94	70 50% 116 109 103 97 92 87	30% 10 116 11 107 10 100 9 93 9 88 8 83 7 78 7 74 7	6 111 6 105 7 100 0 95 4 90 9 86 4 82 0 78	30% 111 104 97 91 86 81 77 73	111 102 95 89 83 78 74 70	70-80 80-90 50% 106 102 97 92 88 88 84	2 5 1 30% 30% 106 100 95 90 85 80 76 73	26.2 5.64 .23 10% 106 99 93 87 82 78 73 70	50% 102 98 94 90 86 83 79 76	75 85 90 10% 30% 102 97 93 88 84 79 76 72	4.8 0.7 0.1 10% 102 96 91 86 81 77 73 69	39 77 13 0% 0% 100 95 89 84 80 76 72 68
AND CAVITY RATIO	Effective RC RW 0 1 2 3	e Floor Ca 70% 119 114 109 104 100 96 92 88	80% 30% 50% 30% 119 118 112 100 105 10° 99 94 93 88 88 83 84 79 80 74	tance 0.20 10% 119 107 98 91 85 79 75	70% 116 112 107 103 98 94 90 87	70 50% 116 109 103 97 92 87 83 79	30% 10 116 11 107 10 100 9 93 9 88 8 83 7 78 7 74 7	6 111 106 105 7 100 0 95 4 90 9 86 4 82 0 78 7 74	30% 111 104 97 91 86 81 77	111 102 95 89 83 78 74	70-80 80-90 50% 106 102 97 92 88 88 84 80 77	2 5 1 30% 30% 106 100 95 90 85 80 76	26.2 5.64 .23 10% 106 99 93 87 82 78 73	50% 102 98 94 90 86 83 79	75 85 90 10% 30% 102 97 93 88 88 84 79 76	4.8 0.7 0.1 10% 102 96 91 86 81 77 73	39 77 13 0% 0% 100 95 89 84 80 76 72

CCT: 4000K

SCH8-HL-LED-24000L-DIM10-MV0LT-WD-40K-90-HL8-8501-CL-W INPUT WATTS: 240.575 LUMENS: 23548 CRI: 90

TEST NO.: EL07012201

SPACING CRITERIA: 0.8

Candle Power Distribution (Candelas)	Zonal Lumens Summary						Luminan	ce (Averaç	je c	andela/	′M²)	ļ	Lumens Per Zone				Candela Tabulation			
909	Zone	e Lum	ens	%Lamp	%Fixt		Angle in	Average 0	۲ A	verage	Average		Zone	Lur	nens			0		
8405 80°	0-20	1018	5.15	43.3	43.3		Degrees	Average 0	J	45∫	90∫						0	3326		
	0-30		0.76	75.3	75.3		45	134814	1	25287	137479		0-10		12.33		5	3191		
	0-40			93.8	93.8		55	23984		24376	24206		20-0ct		72.82		15	2478		
	0-60			99.8	99.8		65	7521		3149	8282		20-30	753	35.62		25	1548		
					99.9		75	1617		1620	1792		30-40	437	78.93		35	6282		
25214	0-80			99.9									40-50	118	36.45		45	1113		
50°	0-90	2353	.67	100	100	_	85	589		501	805	_	50-60	20	7.01		55 65	160 37.		
33619													60-70	36	5.18		75	37. 4.8		
33019													70-80		.89		85	4.0		
200				ization - 2			Method						80-90		.46		90	0.1		
10°	Effec	tive Floor	Cavit	y Reflecta	nce 0.20								00 30	1	.40		50	0.1	5	
	RC			80%			70	%			50%			30%			10%		0%	
	RW		50%		10%	70%			0%	50%		10%	50%	30%	10%	50%	30%	10%	0%	
	0	119	119		119	116			16	111		111	106	106	106	102	102	102	100	
	1	114	111 104		107 97	111 106	109 102		05 96	105 99	103 96	102 93	101 96	100 93	99 91	98 93	97 91	96 90	94 88	
	- 3	108	97		88	100	96		90 88	93	90 89	93 86	90	93 88	85	88	86	90 84	82	
	BATIO	98	91		82	97	90		B1	88	84	80	86	82	79	84	81	78	77	
		94	86		76	92	85		76	83	78	75	81	77	74	80	76	74	72	
	λL 6	89	81		71	88	80		71	78	74	70	77	73	70	76	72	69	68	
	6 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	85 81	76 72		66 62	84 80	75 71		66 62	74 70	69 65	66	73 69	69 65	65 62	72 68	68 64	65 61	64 60	
	W008 10	77	68		59	76	68		59	67	62	62 58	66	61	58	65	61	58	57	
	2 10	74	65		55	73	64		55	64	59	55	63	58	55	62	58	55	54	
	RC - Ce	iling Cavity	Reflecta	ance	RW - Wall I	Reflect	ance			-						-				

EFFICACY: 98

