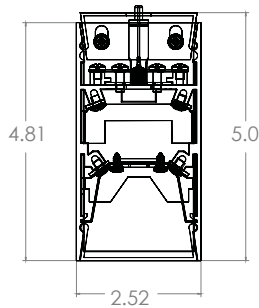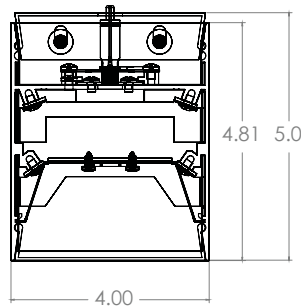**Standard COLORS**

CUSTOM COLORS

2" PROFILE
4.81   5.0
2.52

4" PROFILE
4.81   5.0
4.00

Hexagonal

Ellipse

Cross Hattched

Blade
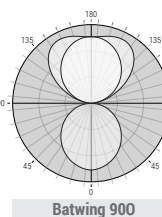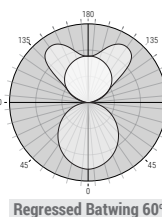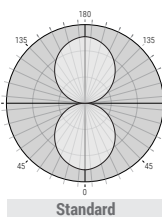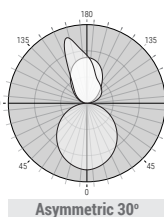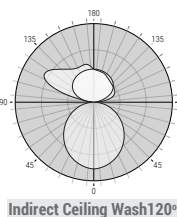
FEATURES

FLEX Architectural LED Suspended Linear is Designed for combining the ultimate in and creativity, with continuous, uniform and glare-free illumination. Fully illuminated corners for a seamless connection from luminaire to luminaire, in a var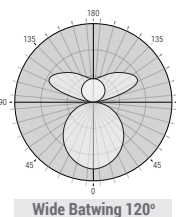iety of formed angles and shapes. Be inspired to create a long-lasting impression with a unique design that complements corporate office, educational, commercial, and retail spaces.

LUMENS PER FOOT	500, 750, 1000, 1250, 1500, 2000 or Custom
CCT & DYNAMIC PLATFORMS	27K, 30K, 35K, 40K, 50K, Tunable White, Dims to Warm, RGB + White
CRI	85+ Standard, 90+
COLOR QUALITY	3 Step MacAdam Ellipses (+85), 2 Step MacAdam Ellipses (+90)
WIDTHS	2", 4"
LENGTHS	2', 4', 6', 8', Continuous with 1" Increments
DISTRIBUTION PATTERNS(Direct)	Direct: Standard, Wall Wash, Blade Louver, Hexagonal Louver Cross Hatched Louver, Ellipse Louver
DISTRIBUTION PATTERNS(Indirect)	Indirect: Standard, Wall Wash, Bat wing, RBW (Regressed Ba twing 60º), BW-90(Bat Wing 90º), ASM-30(Asymmetric 30º) ASM-60(Indirect Ceiling Wash 60º), ASM-120(Indirect Wide 120º)
CONFIGURATION PATTERNS & LENGTHS	Single (4', 8'), Continuous with 1' increments, Square, Rectangular, L-Shape, Custom with 90, 60, or 45º Angles
MOUNTING	Suspended
FINISH	WH (White), BK (Black), SI (Silver), Custom RAL
DIMMING & CONTROLS	0-10V Flicker Free 1% Dimming Standard (DIM10), LUTH, ELDO10.1-LIN, ELDODMX.1, DALI.1, DIMTR, DIM10-0-Off POE, ELDO10-LOG,BLE , XSR, DIM10-AUX
EMERGENCY	10W - Up to 1000L Output 20W - Up to 2000L Output EMG-LED-G2-10W-SDT - Self Diagnostic (Consult Factory) GTD-UL924, O-EMG-C
LIFETIME	L70>60,000-hour reported lifetime L70>200,000-hour calculated lifetime
PHOTOMETRIC TESTS	In Accordance with IES LM79-08, LM80 and TM-30, TM-21

Uplight Distribution Options

Indirect Ceiling Wash120°   Asymmetric 30°   Standard   Regressed Batwing 60°   Batwing 90O   Wide Batwing 120°

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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.
08112021

elite LED LIGHTING

ORACLE
LIGHTING
By Elite Lighting

OLS-DI-LED
Flex Series-LED Architectural Suspended Linear Direct/Indirect
2" 4"

Downlight OPTICS & PERFORMANCE
Fabricated from 20-gauge aluminum, with mitered corners, and post-painted with 95% reflective premium paint. The optical system delivers high efficiency D light that passes through a high quality acrylic lens for optimal distribution patterns, creating a glare-free and even distribution. Distributions include Direct Downlight, Wall Wash, Blade Louver, Ellipse Louver, Cross Hatched Louver, Hexagonal Louver, Indirect (Uplight) Wall Wash, and Batwing, with zero light leakage.

CONSTRUCTION
One-piece rigid aluminum extrusion, made of T6063-T5 aluminum, with cast aluminum end caps. A precision cut, smooth white extruded frosted lens with snap in design attaches firmly nto the grooves of the body and can be easily removed for access to the driver and LED boards.
For indirect distribution, the lens can be installed flush gainst the luminaire, or extended off the surface of the luminaire, creating a soft glow of illumination.

OPTICAL ASSEMBLY
Reflectors fabricated from 20-gauge aluminum, and post-painted finish with 95% reflecti e premium paint. Wall Wash reflectors a e positioned at an angle.

Uplight DISTRIBUTION PATTERNS & DIFFUSER
Standard Distribution: A high-quality, smooth white frosted efficien acrylic lens is shipped standard for optimal distribution patterns, for most applications, and provides glare-fr ee, even illumination.
Wall Wash Distribution: Illuminates from the ceiling, down, for uniform vertical illumination.
Batwing Distribution: Illuminates with a wide spread distribution for more energy efficiency and i n eased ceiling uniformity.

SUPPORT CABLE/FEED
Standard suspension is conductive feed/suspension cable. The adjustable power cable comes in white color, standard 8' length also available in different color (Consult factory for other colors).
A 5-conductor cable is standard for delivering independent, uplight, downlight, or combined up/downlight. A 6-conductor cable for emergency power. Field adjustable length. Max. Support every 8 feet.
Please see the canopy option here.

LUMINAIRE CONTROL
Luminaire can be pre-wired for independent 2-circuit control of uplight, downlight, or 1-circuit control for combined up/downlight.

CRM INSTALLATION
Pre-fabricated illuminated 90° corners as well as X, T and L shape junctions. The unique Elite Lighting continuous mounting make the luminaires to be continuously connected by only removing the lenses.
There is no need to remove any other part in the fixture to install the continuous run.

DRIVER ELECTRICAL INFORMATION
Powered by high-quality constant-current power LED drivers which are rated for 50 to 60Hz at 120-277V input, produce less than 20% THD, and have a power factor of .90 to 1.00. Male and Female 18-gauge 6 wire plug connectors are included with every luminaire to allow for simple hassle-free continuous wiring. Each luminaire must be installed male to female.

LED DYNAMIC PLATFORM OPTIONS

Tunable White with Smart White Technology 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 6500 to 2700K. (Click here for more details)

Dims to Warm with Smart Dimming Technology. At 100% full brightness the luminaire is at 3500K. 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 L umenetix 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)

DIMMING & DRIVER INFORMATION
DIM10 - Flicker Free 1% Dimming Standard (DIM10) 0-10V dimming on either MVOLT 120, 277 or 347V.
LUTH - Lutron LDE1 Hi-Lume Eco System. 1% dimming with Soft in Fade to Black dimming technology.
ELDO10.1-LIN - EldoLED SoloDrive 0-10V. Dimming down to 0.1%. Linear dimming curve
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.
DIMTR - Triac & Electronic low voltage dimming. Available in 120V
DIM10-0-OFF - Program DIM10-to OFF with linear dimming curve 0.1%.
ELDO10-LOG - ELDO10-LOG with logarithmic dimming curve.
POE - Power-over-Ethernet Depending on the PoE manufacturer selected, The Node will install the node in factory as either integral to the luminaire or as a remote module.
BLE - Luminaires may be controlled, grouped, scheduled or placed in scenes and or zones Via Cassambi Bluetooth 4.0 App.
XSR - Xitanium SR Dimming
DIM10-AUX - 0-10V with Auxiliry power

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

LISTINGS
c-UL-us - Listed for Feed Through Wiring.
All LED luminaires are rated and tested to LM-79 and LM-80 standards by an independent laboratory.
UI Listed for Damp location
cULus- Listed for protected damp locations, indoor use only.
FCC 15- EMI/RFI emissions per FCC 47CFR part 15 at 120VAC or 277VAC
RoHs- Contains no mercury or lead and RoHS compliant
Photometric testing completed in accordance with IES
LM-79 and TM-30 standards with calculated Life Time: L70 at 200,000 Hours
Can be used for State of California Title 24 high efficacy LED compliance
DLC®- certified, Listed for DLC, California Title 24 compliant.
BAA- Buy American Act Compliant government procurement requirements under FAR, DFARS and DOT regulations.
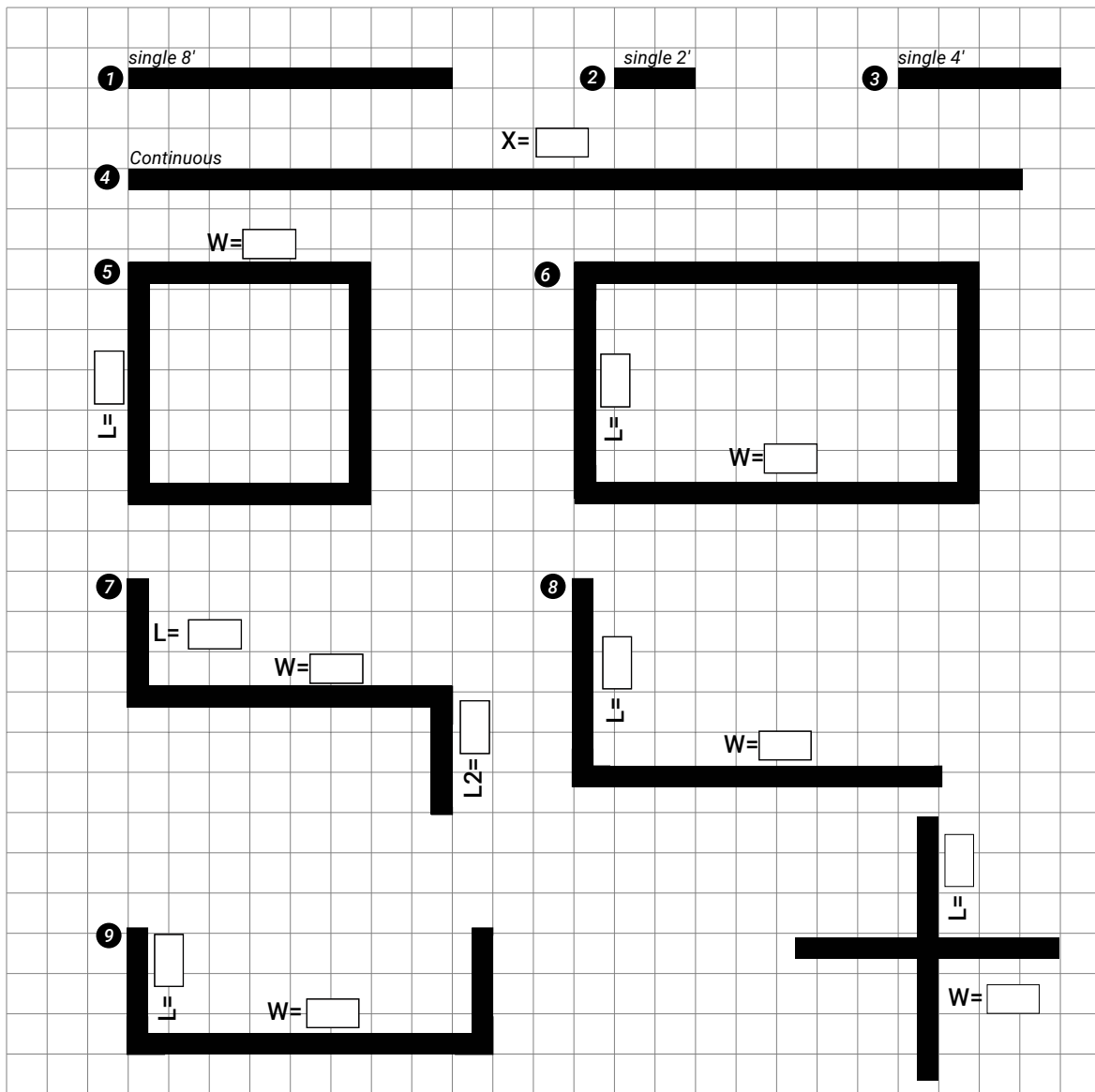
elite
LED LIGHTING
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Due to the changes of constant improvement in LED technology, all details are subject to change without notice. Consult factory for up to date information.

Example: OLSDI-LED-2-REC-W8-L6-D500L-HEX-GD-U500L-DIM10-MVOLT-35K-85

OLS-DI-LED | | | Single Run

SERIES
OLS-DI-LED-Oracle Suspended Direct/Indirect LED Linear

WIDTH
2 - 2"
4 - 4"

SHAPE
S - Single Unit
CR - Continuous Run
REC - Rectangle
CUS - Custom (Consult Factory)

DIRECT LUMENS
D500L - per ft.
D750L - per ft.
D1000L - per ft.
D1250L - per ft.
D1500L - per ft.
D2000L - per ft.
D500L-HP- per ft.
D750L-HP- per ft.
D1000L-HP- per ft.
D1250L-HP- per ft.
D1500L-HP- per ft.

CUSTOM
250L-1500L
*Chose any custom lumen packages between 250L to 1500L

DISTRIBUTION
(blank) - Standard
WW - Wall Wash (Asymmetric)
BW - Bat Wing (Symmetric)

INDIRECT LUMENS
U500L - per ft.
U750L - per ft.
U1000L - per ft.
U1250L - per ft.
U1500L - per ft.
U2000L - per ft.
U500L-HP - per ft.
U750L-HP - per ft.
U1000L-HP - per ft.
U1250L-HP - per ft.
U1500L-HP - per ft.

CUSTOM
250L-1500L
*Chose any custom lumen packages between 250L to 1500L

DISTRIBUTION
(blank) - Standard
WW - Wall Wash (Asymmetric)
BW - Bat Wing (Symmetric)
RBW - Regressed Bat Wing 60º
BW90 - Bat Wing 90º
ASM - Asymmetric 30º
ICW - Indirect Ceiling Wash 60º
IW - Indirect Wide 120º

DIMMING
DIM10 - 0-10V Dimming
LUTH - Lutron HiLum
ELDO10.1-LIN - EldoLED 0-10V
DALI.1 - EldoLED DALI Type 8
ELDODMX.1 - EldoLED DMX
DIMTR - Triac & ELV**
DIM10-0-Off - Program DIM10 to off with linear dimming curve.
POE - Power Over Internet
EID010-LOG - EldoLED 0-10V with logarithmic dimming curve
BLE - Wireless Bluetooth Control
XSR - Xitanium SR Dimming
DIM10-AUX - 0-10V with Auxiliary power

VOLTAGE
120
277
MVOLT
347*
* Consult factory for details

CRI
85
90

CCT
27K
30K
35K
40K
50K

FINISH
WH - White
SI - Silver
BK - Black
RAL - Consult factory

- **EMERGENCY**
O-EMG-LED-10W
O-EMG-LED-20W
O-EMG-C*
O-EMG-LED-G2-10W-SDT**
GTD-UL924
(listed bodineGTD factory installes on drive input)
*Consult factory for details

** EMG-LED-20 watt is only for 4" width
* O-EMG-C: EMG circuit wire

OTHER OPTIONS
FBF - Internal Fast Blow Fuse
SBF - Internal Slow Blow Fuse
RIS - Radio Interf. Sensor
BABAA - Build Buy America Act
OCGSS - Aircraft Cable
BKC - Black Cord
SLC - Silver Cord
LUTRON - LUTRON(Please see last page table)
enlighted - enlighted(Please see last page table)
LEVITON - LEVITON(Please see last page table)
encelium - encelium(Please see last page table)
PHILIPS - PHILIPS(Please see last page table)
legrand - legrand(Please see last page table)

NUMBER OF CIRCUITS
1C
(Up and Down Lights Controlled Together)
2C
(Up and Down Lights Controlled Individual)

Louver Type
BLR² - Blade Louver
HEX² - Hexagonal Louver
CRL² - Cross Hatched Louver
ELS² - Ellipse Louver

Louver Finish
Black - BK
Frosted - FR
Chrome - CH
Champane - CHP
Gold - GD
*Lens finish is Just Compatible with Blade Louver, Hexagonal Louver, Cross Hatched Louver, Ellipse Louver

XX . YY*
*XX is Length in Feet
YY is Fraction in Inches
e.g. 22.6 is 22 feet and 6 inches

Cont. Run

TOTAL RUN

Rectangle W L

WIDTH

LENGTH

Custom   DRAW YOUR CUSTOM SHAPE IN NEXT 2 PAGES

* Consult Factory   * See last page for sensor options   ** - Available in 120
- 1 HP(high performance) option is available on 3000K, 3500K and 4000K
- 2 Louver Lens finishes just apply on BLR, HEX, CRL, ELS distribution

Lumen Packages

Direct/Indirect
Standard

LUMENS/FT	WATTS/FT
2000	14.1
1500	10.3
1250	8.5
1000	7.3
750	5.5
500	3.5

Direct/Indirect
High Lumen

LUMENS/FT	WATTS/FT
2000	17.5
1500	12.7
1250	10.5
1000	8.2
750	6.5
500	4.5

Flex Recessed Mount configuration

① single 8'

② single 2'

③ single 4'

X=☐

④ Continuous

W=☐

⑤

⑥

L" ☐

L"=☐ W=☐

⑦

⑧

L=☐ W=☐

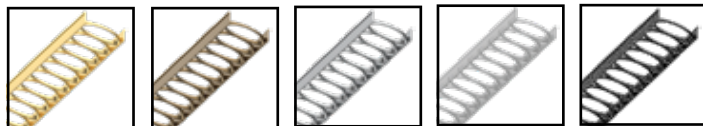L2=☐

L"=☐ W=☐

L"=☐

⑨

L"=☐ W=☐

W=☐

RUN CHART

Run length (ft)	Section Lengths	Run length (ft)	Section Lengths	Run length (ft)	Section Lengths	Run length (ft)	Section Lengths
9	5 + 4	21	8 + 8 + 5	33	8 + 8 + 8 + 5 + 4	45	8 + 8 + 8 + 8 + 8 + 5
10	6 + 4	22	8 + 8 + 6	34	8 + 8 + 8 + 6 + 4	46	8 + 8 + 8 + 8 + 8 + 6
11	7 + 4	23	8 + 8 + 7	35	8 + 8 + 8 + 7 + 4	47	8 + 8 + 8 + 8 + 8 + 7
12	8 + 4	24	8 + 8 + 8	36	8 + 8 + 8 + 8 + 4	48	8 + 8 + 8 + 8 + 8 + 8
13	8 + 5	25	8 + 8 + 5 + 4	37	8 + 8 + 8 + 8 + 5		
14	8 + 6	26	8 + 8 + 6 + 4	38	8 + 8 + 8 + 8 + 6		
15	8 + 7	27	8 + 8 + 7 + 4	39	8 + 8 + 8 + 8 + 7		
16	8 + 8	28	8 + 8 + 8 + 4	40	8 + 8 + 8 + 8 + 8		
17	8 + 5 + 4	29	8 + 8 + 8 + 5	41	8 + 8 + 8 + 8 + 5 + 4		
18	8 + 6 + 4	30	8 + 8 + 8 + 6	42	8 + 8 + 8 + 8 + 6 + 4		
19	8 + 7 + 4	31	8 + 8 + 8 + 7	43	8 + 8 + 8 + 8 + 7 + 4		
20	8 + 8 + 4	32	8 + 8 + 8 + 8	44	8 + 8 + 8 + 8 + 8 + 4		

elite LED LIGHTING
w w w . i u s e e l i t e . c o m

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.
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Sketch out your design using the grids space below.

elite
LED LIGHTING

w w w . i u s e e l i t e . c o m

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.
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LOUVER PATTERN

Ellipse Louver

Gold	Champagne	Chrome	Frosted	Black
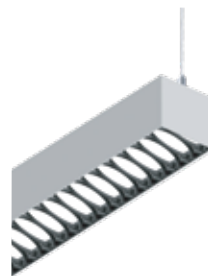
ELS
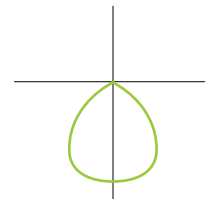
Up & Down
Ellipse Louver

Cross Hatched Louver
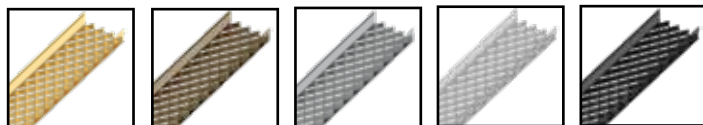
Gold	Champagne	Chrome	Frosted	Black

CRL
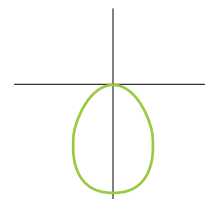
Up & Down
Cross Hatched Louver
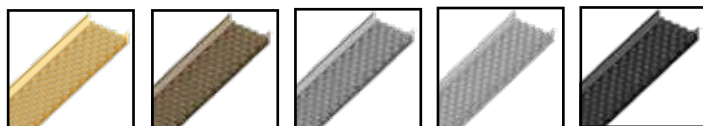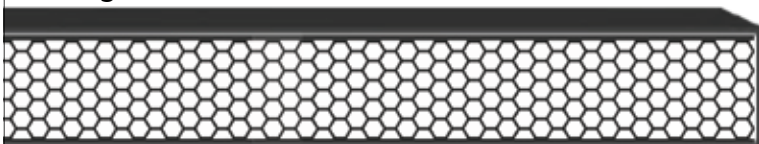
Hexagonal Louver

Gold	Champagne	Chrome	Frosted	Black

HEX
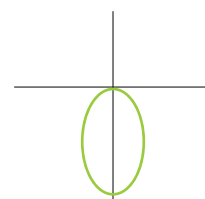
Up & Down
Hexagonal Louver

Blade Louver
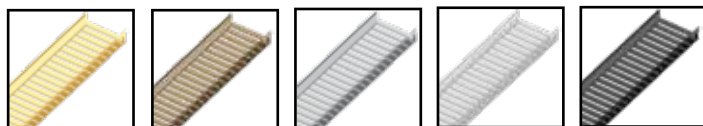
Gold	Champagne	Chrome	Frosted	Black

BLR

Up & Down
Blade Louver

ORACLE
LIGHTING
By Elite Lighting

OLS-DI-LED
Flex Series-LED Architectural Suspended Linear Direct/Indirect
2" 4"
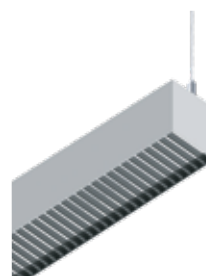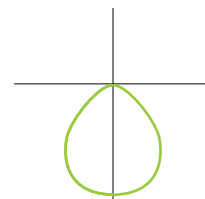
OLS-DI-LED-2-S-4-D1000L-U1000L-DIM10-MVOLT-40K-85

TEST NO.: EL081815

INPUT WATTS: 76	LUMENS: 8326	CRI: 85	EFFICACY: 110	CCT: 4000K

Candle Power Distribution (Candelas)

1608
1206
804
402

90°
80°
70°
60°
50°
40°
30°
20°
10°

EFFICACY: 110 LM/W
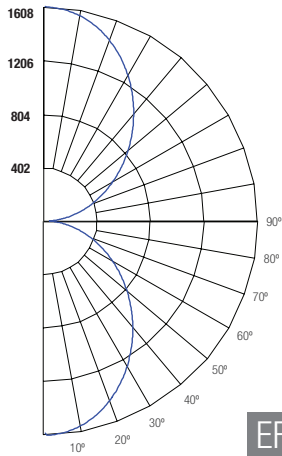
Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-30°	1199.64	N.A.	14.40
0-40°	1924.15	N.A.	23.10
0-60°	3288.36	N.A.	39.50
0-90°	4163.18	N.A.	50.00
0-180°	8326.37	N.A.	100.00

Spacing Criteria

0-180	:	N.A.
90-270	:	N.A.
Diagonal	:	N.A.

Luminance Data (cd/sq.m)

Angle In Degrees	Average 0°	Average 45°	Average 90°
45°	19753	20906	22163
55°	18172	19416	20850
65°	16650	17872	19306
75°	15376	16393	17640
85°	15109	15772	16893

Candela Tabulation

	0	45	90	180
0	1587.911	1587.911	1587.911	1587.911
25	1322.160	1355.780	1389.000	1329.110
45	883.230	934.760	990.970	894.720
65	444.950	477.600	515.930	456.560
85	83.270	86.920	93.100	91.350
90	33.110	28.640	20.360	33.110
130	782.340	825.120	878.470	769.900
145	1119.860	1160.660	1205.750	1110.310
165	1496.030	1508.430	1521.900	1493.220
175	1588.610	1588.750	1591.100	1590.300
180	1608.340	1608.340	1608.340	1608.340

Coefficients of Utilization - Zonal Cavity Method
Effective Floor Cavity Reflectance 20% = PF

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	107	107	107	107	99	99	99	99	83	83	83	69	69	69	56	56	56	50
1	98	93	89	86	90	86	83	80	73	70	68	61	59	57	49	48	47	42
2	89	81	75	70	82	75	70	65	64	60	56	53	50	48	43	41	39	35
3	81	71	64	58	74	66	60	54	56	51	47	43	40	38	36	34	29	29
4	74	63	55	49	68	59	52	46	50	44	40	42	38	34	34	31	29	25
5	68	56	48	42	62	52	45	40	45	39	35	37	33	30	31	28	25	22
6	63	50	42	37	58	47	40	34	40	34	30	34	30	26	28	25	22	19
7	58	46	38	32	53	42	35	30	36	31	27	31	26	23	26	22	20	17
8	54	41	34	28	49	39	32	27	33	28	24	28	24	21	23	20	18	15
9	50	38	30	25	46	35	28	24	30	25	21	26	22	19	22	18	16	14
10	47	35	27	23	43	32	26	21	28	23	19	24	20	17	20	17	14	13

ROOM CAVITY RATIO

RC - Ceiling Cavity Reflectance   RW - Wall Reflectance

OLS-DI-LED-2-S-4-D1000L-WW-U1000L-WW-DIM10-MVOLT-40K-85
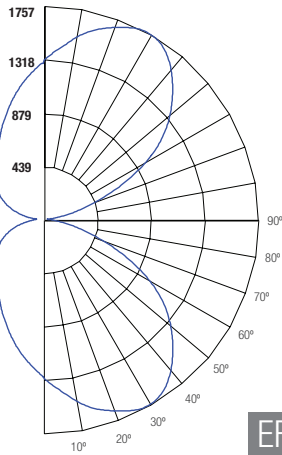
TEST NO.: EL081815

INPUT WATTS: 76.3	LUMENS: 8278	CRI: 85	EFFICACY: 108	CCT: 4000K

Candle Power Distribution (Candelas)

1757
1318
879
439

90°
80°
70°
60°
50°
40°
30°
20°
10°

EFFICACY: 108 LM/W

Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-30°	1047.28	12.70	12.70
0-40°	1752.00	21.20	21.20
0-60°	3199.88	38.70	38.70
0-90°	4139.19	50.10	50.00
0-180°	8278.37	100.10	100.00

Spacing Criteria

0-180	:	N.A.
90-270	:	N.A.
Diagonal	:	N.A.

Luminance Data (cd/sq.m)

Angle In Degrees	Average 0°	Average 45°	Average 90°
45°	40999	39838	22374
55°	40607	40193	20522
65°	34997	39001	18302
75°	24298	34384	15022
85°	17505	27434	10016

Candela Tabulation

	0	45	90	180
0	1292.846	1292.846	1292.846	1292.846
25	1734.480	1558.810	1141.660	807.150
45	1509.680	1466.930	823.870	537.300
65	770.200	858.320	402.780	364.300
85	79.450	124.510	202.470	226.560
90	35.190	45.690	45.460	89.280
130	1372.740	1345.170	8.080	55.390
145	1720.990	1590.350	748.010	498.840
165	1606.860	1501.800	1029.250	645.640
175	1398.140	1368.520	1253.860	999.930
180	1277.240	1277.240	1296.580	1195.710

Coefficients of Utilization - Zonal Cavity Method
Effective Floor Cavity Reflectance 20% = PF

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	107	107	107	107	99	99	99	99	83	83	83	69	69	69	56	56	56	50
1	98	93	89	85	90	86	83	79	73	70	68	60	59	57	49	48	47	41
2	89	81	75	69	81	75	69	65	63	59	56	53	50	47	43	41	39	34
3	81	71	63	57	74	66	59	54	56	51	46	46	43	39	38	35	33	29
4	74	62	54	48	67	58	51	45	49	44	39	41	37	33	33	30	28	24
5	67	55	47	41	62	51	44	39	44	38	34	37	32	29	30	27	24	21
6	62	50	41	35	57	46	39	33	39	33	29	33	28	25	27	24	21	18
7	57	45	37	31	53	42	34	29	36	30	26	30	25	22	25	21	19	16
8	53	40	33	27	49	38	31	26	32	27	23	27	23	20	23	19	17	14
9	49	37	29	24	45	34	27	23	30	24	20	25	21	17	21	17	15	13
10	46	34	26	22	42	31	25	20	27	22	18	23	19	16	19	16	13	11

ROOM CAVITY RATIO

RC - Ceiling Cavity Reflectance   RW - Wall Reflectance

OLS-DI-LED-4-S-4-D1000L-U1000L-BW-DIM10-MVOLT-40K-85
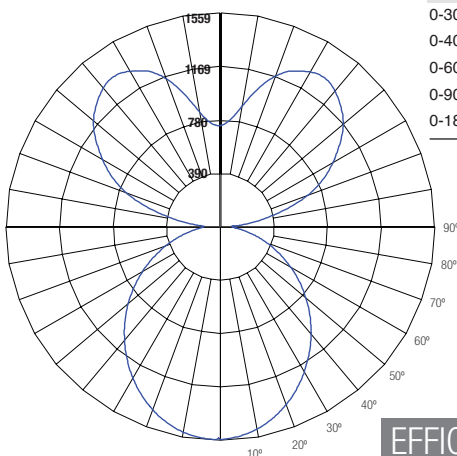
TEST NO.: EL081815

INPUT WATTS: 76.6	LUMENS: 8335	CRI: 85	EFFICACY: 109	CCT: 4000K

Candle Power Distribution (Candelas)

1559
1169
780
390

90°
80°
70°
60°
50°
40°
30°
20°
10°

EFFICACY: 109 LM/W

Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-30°	1180.17	14.20	14.20
0-40°	1907.46	22.90	22.90
0-60°	3310.83	39.70	39.70
0-90°	4253.63	51.00	51.00
0-180°	8335.08	100.00	100.00

Spacing Criteria

0-180	:	N.A.
90-270	:	N.A.
Diagonal	:	N.A.

Luminance Data (cd/sq.m)

Angle In Degrees	Average 0°	Average 45°	Average 90°
45°	10688	10873	11085
55°	10078	10301	10437
65°	9403	9612	9625
75°	8838	8880	8527
85°	11366	9974	7462

Candela Tabulation

	0	45	90	180
0	1546.766	1546.766	1546.766	1546.766
25	1317.980	1327.740	1345.400	1335.830
45	927.660	943.690	962.120	942.630
65	487.770	498.600	499.280	494.920
85	121.590	106.700	79.830	125.340
90	96.010	66.390	9.980	104.650
130	1204.320	1025.170	472.100	1168.810
145	1370.510	1118.380	592.150	1325.560
165	1069.610	898.090	708.870	1020.070
175	778.050	765.690	747.400	767.760
180	747.400	747.400	804.170	747.400

Coefficients of Utilization - Zonal Cavity Method
Effective Floor Cavity Reflectance 20% = PF

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	107	107	107	107	99	99	99	99	84	84	84	70	70	70	57	57	57	51
1	98	93	89	86	90	86	83	80	73	71	68	61	59	58	50	49	47	42
2	89	81	75	70	82	75	70	65	64	60	56	53	50	48	44	42	40	35
3	81	71	64	58	74	66	59	54	56	51	47	47	43	40	39	36	34	30
4	74	63	55	49	68	59	52	46	50	44	40	42	38	34	34	31	29	25
5	68	56	48	42	62	52	45	39	45	39	34	38	33	30	31	28	25	22
6	62	50	42	36	57	47	39	34	40	34	29	34	29	26	28	25	22	19
7	58	45	37	32	53	42	35	30	36	31	26	31	26	23	26	22	20	17
8	54	41	33	28	49	38	31	26	33	27	23	28	24	20	24	20	18	15
9	50	38	30	25	46	35	28	24	30	25	21	26	22	18	22	18	16	14
10	47	35	27	23	43	32	26	21	28	23	19	24	20	17	20	17	14	12

ROOM CAVITY RATIO

RC - Ceiling Cavity Reflectance   RW - Wall Reflectance

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ANSI/IES TM-30-18 Color Rendition Report

Notes: This is a recommended method for displaying ANSI/IES TM-30-18 information.

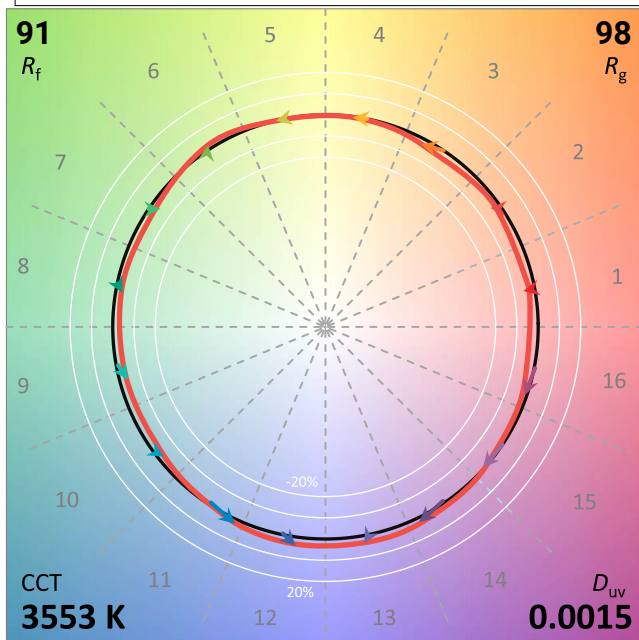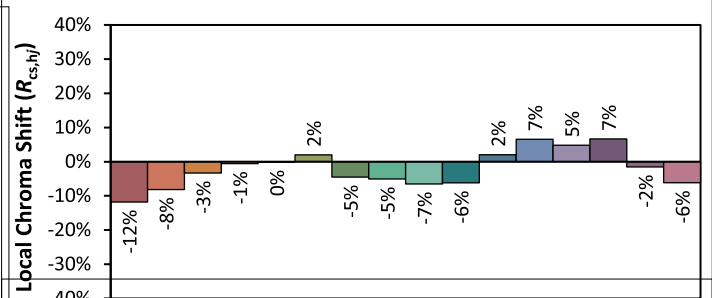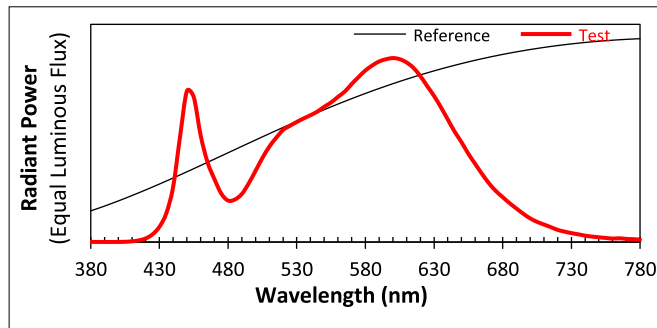|	
x	**0.4039**
y	**0.3935**
u'	**0.2337**
v'	**0.5122**

CIE 13.3-1995 (CRI)	
R_a	91
R_9	58

Colors are for visual orientation purposes only. Created with the ANSI/IES TM-30-18 Calculator Version 2.00.

Spectral power distribution plot: Radiant Power (Equal Luminous Flux) vs Wavelength (nm), Reference and Test.

R_f **91**
R_g **98**
CCT **3553 K**
D_{uv} **0.0015**

Local Chroma Shift ($R_{cs,hj}$): -12%, -8%, -3%, -1%, 0%, 2%, -5%, -5%, -7%, -6%, 2%, 7%, 5%, 7%, -2%, -6%

Local Hue Shift ($R_{hs,hj}$): 0.00, 0.06, 0.10, 0.07, 0.04, -0.02, -0.03, -0.01, 0.05, 0.13, 0.15, 0.05, -0.04, -0.13, -0.14, -0.12

Local Color Fidelity ($R_{f,hj}$) by Hue-Angle Bin (j): 80, 82, 79, 88, 91, 94, 91, 91, 87, 78, 78, 84, 90, 81, 80, 78

Color Sample Fidelity ($R_{f,CESi}$) — CES01 through CES99

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1- Luminair e will be shipped with Powerpacks pre-installed, ready to be integrated to designated contol 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- Luminair e will be shipped with Sensors to be remotely installed on the ceiling. Luminair es will be ready to be integrated with designated control systems

BRAND	LUTRON	enlighted	LEVITON	ENCELIUM	PHILIPS EasySense	legrand	NX LIGHTING CONTROLS
CONTROL UNIT	❑ FCJS-010 Lutron Vive 0-10V Individual Pow Pak (Luminare is shipped Vive Enabled) [14] ❑ FCJS-ECO Lutron Vive Eco-system Pow Pak (Luminare is shipped Vive Enabled) ❑ A-WN-D01-RF-WH Athena wireless node (RF only) (White) ❑ A-WN-D01-OCC-WH Athena wireless node with sensor (White)	❑ CU-4E-FMH Fixture Mount Control Unit [1 5]	❑ ZL027 –N0W Intellect Power Control Module [16] ❑ ZL027 –DLE Intellect Power Control Module [16]	❑ EN-WCM2-ZB-DR Wireless Control Module [1 7] ❑ EN- ALC-ZB-BK-DR Wireless Area Lighting Control Module [1 7]	❑ XITANIUM SR LED DRIVER The Philips Advance Xitanium SR LED driver [1 8]	❑ LMFC-011 ON/ OFF/0-10V dimming fixture controller [19] ❑ FS-PP-V2 FS-PP Fixture Integrated Sensor Power Pack [1 9] ❑ LMFS-601 Integrated Fixture Sensor & Controller	❑ NXFM-1R2D-O-UNV NX Fixture Module, Offset, 1 Relay, 2 0-10V Dimming Channels, 120-347VAC, Blue
INTEGRATED OCCOPANCY& DAYLIGHT SENSOR	❑ DFCSJ-OEM-OCC Clear Connect (RF) and Occupancy/ Daylight Sensing [2]	❑ SU-5E-IoT IoT Node Micro Sensor ❑ SU-5E-CL Connected Micro Sensor ❑ SU-5E-IL Indipendent Micro Sensor ❑ SU-5S-H(IoT/CL/IL) Serface Mount Sensor **(Must be Specified with CU-4E-FMH Control Unit)** [2]	❑ ZL00J -T0W Intellect Intelligent Fixture Control System [2] ❑ ZL00J-D0W Intellect Intelligent Fixture Control System [2]	❑ EN-CLM-PIR-DD-ZB SensiLUM™ Wireless Integrated Sensor ❑ ZBHA-CLM-DIM-ENC Connected Lighting Module DIM [2]	❑ SNS200 SNS200 for grouping [2] ❑ SNS300 SNS300 for networks [2]	❑ FD-301 Fixture integrated Daylight Dimming Sensor [2] ❑ FS-205 Fixture integrated passive infrared occupancy sensor [2]	❑ NXRM HubbNETTM Radio Module ❑ NXSMP2-OMNI Integrated Fixture Sensor & Controller ❑ NXSMP2-LMI Integrated Fixture Sensor & Controller
*WIRELESS OCCUPANCY SENSOR	❑ LRF2-OCR2B-P-WH Ceiling mount360° ,occupancy/vacancy sensor [3]	N/A	N/A	❑ EN-SCPPH-1500-ZB Wireless Passive Infrared Occupancy and Photo Sensors [3]	N/A	❑ LMDC-100 Dual technology PIR Ceiling Mount Occupancy Sensor [3]	❑ NXSMP2-SMI NX Slide Mount Indoor Sensor Module
*WIRELESS DAYLIGHT SENSOR	❑ LRF2-DCRB-WH Ceiling-mount daylight sensor [3]	N/A	N/A	❑ EN-SCPPH-1500-ZB Wireless Passive Infrared Occupancy and Photo Sensors [3]	N/A	❑ LMLS-400 Single zone switching and dimming digital photosensor [3]	❑ LUXSTATLS Luxstat Light Sensor for Luxstat Control Modules, 3 to 6000 FC
*WIRELESS OCCUPANCY & DAYLIGHT SENSOR	N/A	❑ SU-5E-IoT IoT Node Micro Sensor ❑ SU-5E-CL Connected Micro Sensor ❑ SU-5E-IL Indipendent Micro Sensor ❑ SU-5S-H(IoT/CL/IL) Serface Mount Sensor **(Must be specified with CU-4E-FMH Control Unit)** [3]	❑ ZL00J -T0W Intellect Intelligent Fixture Control System ❑ ZL00J-D0W Intellect Intelligent Fixture Control System **(Must be specified with ZL027-NOW and ZL00J-D0W Control unit)** [3]	❑ EN-CLM-PIR-DD-ZB SensiLUM™ Wireless Integrated Sensor ❑ ZBHA-CLM-DIM-ENC Connected Lighting Module DIM **(Must be specified with EN-WCM2-ZB-DR or EN- ALC-ZB-BK-DR Control Unit)** [3]	❑ SNS200-CMP SNS-200 for Grouping [3]	N/A	❑ NXSMDT Indoor Ceiling Mount Sensor - OMNI
ACCESSORIES	N/A	❑ TMC-SU-5E Tile Mount Carrier ❑ CBL-5E-CU4-30N 30 1inch Sensor cable for CU-4 and IoT Ready ❑ CBL-5E-CU4-7F 7 Foot sensor cable for CU-4 and IoT Ready Driver	N/A	N/A	N/A	N/A	N/A
NOTES	4- Luminaire will be compatible with LUTRON LRF2-0CR2B-PWH Ceiling mount 360deg occupancy/vacancy sensor & LRF2-DCRB-WH ceiling mount daylight sensor Sensors must be ord erd through Lutron	5- Luminaire will be compatible with ENLIGHTED SU-5E-IoT, SU-5E-CL, SU-5E-IL, SU-5SH, Sensors	6- Luminaire will be compatible with LEVITON I ntellect 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 compatiable with philips field and wireless switch	9- Luminaire will be compatiable with DLM Room control system LMPB-100. . Sensors must be orderd through Legrand.	N/A

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