

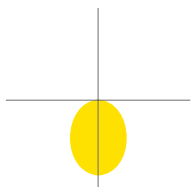
LUMENS/FT	WATTS/FT
1500	12.7
1250	10.5
1000	8.2
750	6.5
500	4.5

## FEATURES

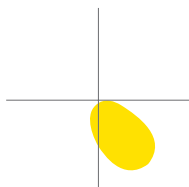
Stanza from our SoftSense collection offers an aesthetically pleasing source of illumination, while providing the solution to high noise levels found in open, multi-functional spaces. The sound absorbing material consists of 9mm thick PET felt, with 50% post-consumer recycled content: a strong, durable and versatile product that is available in an array of colors. With the ability to create a multitude of configurations, the luminaire can also be paired with unlit units to complement applications such as corporate offices, educational, commercial, and retail spaces, leaving a long-lasting impression.

LUMENS PER FOOT	500, 750, 1000, 1200, 1500, 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 Ellipse
WIDTHS	2"
LENGTHS	2', 4', 6', 8', Continuous with 1" Increments
HEIGHTS	6", 8", 12", 16"
DISTRIBUTION PATTERNS	Standard, Wall Wash
CONFIGURATION PATTERNS & LENGTHS	Single, Continuous
MOUNTING	Suspended
MATERIAL COLORS	Refer to SoftSense Material Color Chart
DIMMING & CONTROLS	0-10V Flicker Free 1% Dimming Standard (DIM10), DIMST, DIMTR, LUTH, ELD010.1, ELD0DMX.1, DALI.1
EMERGENCY	10W - Up to 1000L Output EMG-LED-10W-SDT - Self Diagnostic (Consult Factory)
LIFETIME	L70 at 83,000 Hours
PHOTOMETRIC TESTS	In Accordance with IES LM79-08, LM80 and TM-30, TM-21

Standard



Wall Wash



### OPTICS & PERFORMANCE

Fabricated from 20-gauge aluminum, with mitered corners, and post-painted with 95% reflective premium paint. The optical system delivers high efficiency LED light that passes through a high quality acrylic lens for optimal distribution patterns, creating glare-free and even distributions, which includes Direct Downlight or Wall Wash 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 into the grooves of the body and can be easily removed for access to the driver and LED boards.

### ACOUSTIC MATERIAL

Acoustic material is made from 100% polyethylene terephthalate (PET), with 50% post-consumer recycled material. PET is a moisture resistant green product with no added chemicals, binders, adhesives or dyes.

### OPTICAL ASSEMBLY

Reflector is fabricated from 20-gauge aluminum, and post-painted finish with 95% reflective premium paint. Wall Wash reflectors are positioned at an angle.

### DISTRIBUTION PATTERNS & DIFFUSER

**Standard Distribution** - A high-quality, smooth white frosted efficient acrylic lens is shipped standard for optimal distribution patterns, for most applications, and provides glare-free, even illumination.

### SUPPORT CABLE / FEED

Standard suspension is conductive feed/suspension cable. The adjustable power cable comes in a standard 10' length. A 5-conductor cable is standard or a 6-conductor cable for emergency power. Field adjustable length. Max. support every 8 feet. For longer cable, please consult factory.

### CRM INSTALLATION

For continuous row mounting, the first luminaire in the row will always be the power supply feed. After plugging in the male and female harnesses, which are supplied with each luminaire, they will easily slide together, then secured with two screws from opposite directions in the connecting brackets.

### 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, and each luminaire must be installed male to female.

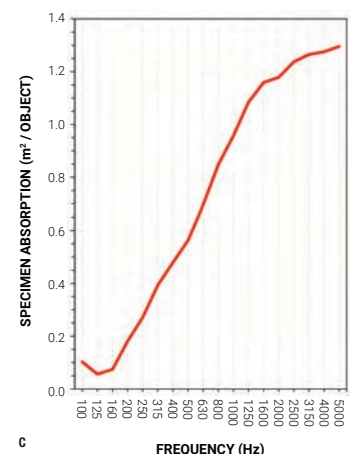
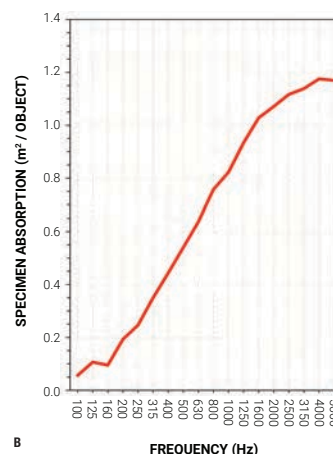
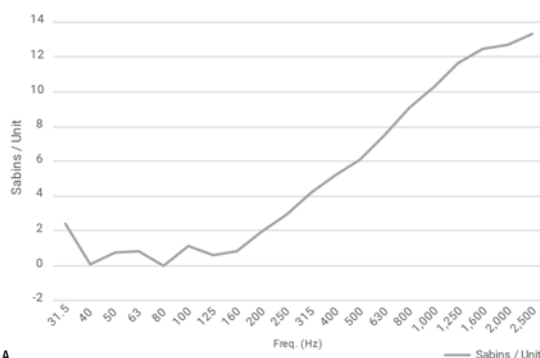
### SOUND ABSORPTION RESULTS (from left to right)

**A** - acoustic performance

Felt Fixtures, alternating with / without light fixtures (8 units total)

**B** - spaced 12" on center

**C** - spaced 18" on center



### 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.



**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.



**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.

### DIMMING & DRIVER INFORMATION

**DIM10** - Flicker Free 1% Dimming Standard (DIM10) 0-10V dimming on either MVOLT 120, 277 or 347V.

**DIMTR** - Triac & Electronic low voltage dimming. Available in 120V.

**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.

**DIMST** - Step Dimming

### 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.

**UL Listed for Damp location**

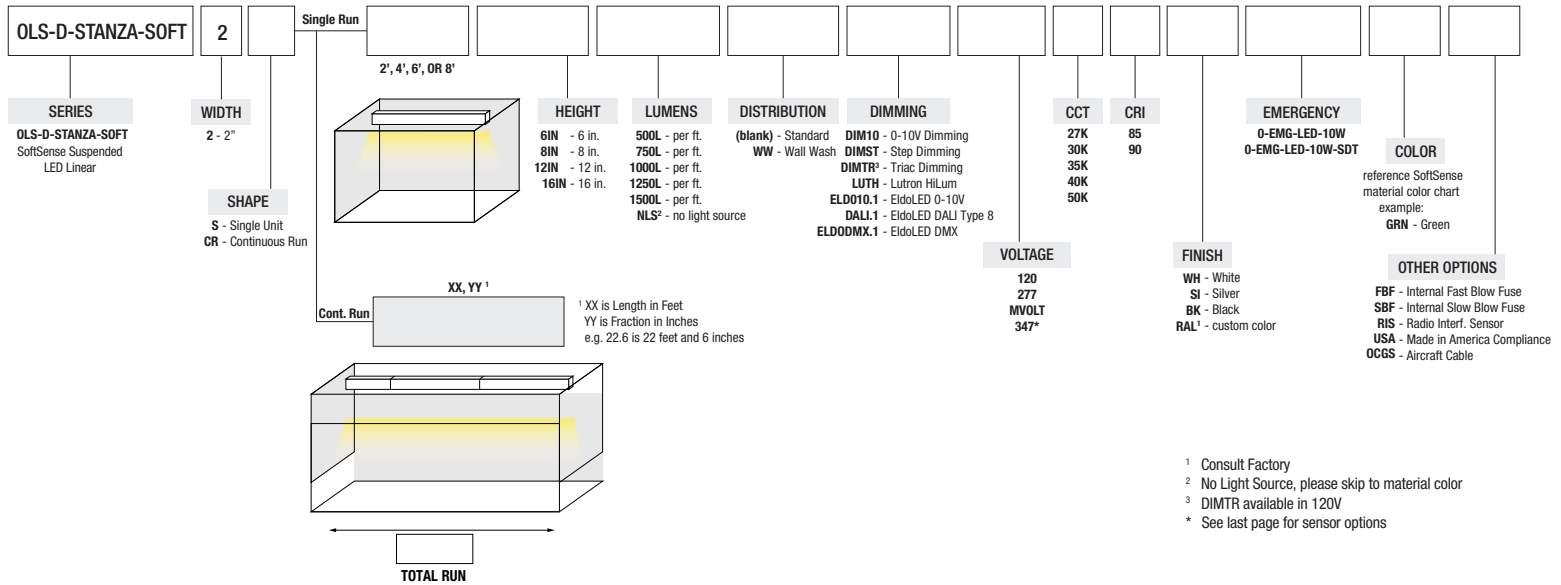
### MAINTENANCE

Acoustic material can be cleaned with a clean, soft, lint-free cloth or a vacuum.

### OPTIONS

Available without light source.

Example: **OLS-D-STANZA-SOFT-2-S-6-12IN-500L-DIM10-MVOLT-35K-85-BK-GRN**



#### QUICK SHIP COLORS



#### STANDARD COLORS



#### CUSTOM COLORS

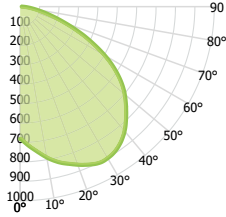
Please consult factory for lead time and pricing.

**OLS-D-STANZA-SOFT-2-S-4-D500L-WW-DIM10-MVOLT-40K-85**

TEST NO.: **EL081822**

INPUT WATTS: **20.5** LUMENS: **2136** EFFICACY: **104** BEAM ANGLE: **82** SPACING CRITERIA: **1.77**

**CANDELA DISTRIBUTION**



**CANDELA TABLE**

	0°	90°
0°	682	682
10°	789	673
20°	866	637
30°	901	577
40°	837	492
50°	703	384
60°	504	265
70°	247	152
80°	78	58
90°	8	2

**LUMINANCE (cd/sq.m)**

	0.00°	90.00°
0.00°	10790	10790
45.00°	17289	9864
55.00°	16996	8976
65.00°	14025	7753
75.00°	8991	6255
85.00°	6168	4168

**LUMENS PER ZONE**

ZONE	LUMENS
0° - 10°	65
10° - 20°	188
20° - 30°	291
30° - 40°	363
40° - 50°	386
50° - 60°	356
60° - 70°	270
70° - 80°	148
80° - 90°	43

**ZONAL LUMEN SUMMARY**

ZONE	UMENS	% LUMINAIRE
0° - 20°	253	12%
0° - 30°	544	25%
0° - 40°	907	42%
0° - 60°	1648	77%
0° - 80°	2067	97%
0° - 90°	2110	99%

**CONE OF LIGHT**

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 ft	18.9 fc	13.5 ft	11.3 ft
8.0 ft	10.7 fc	18.0 ft	15.0 ft
10.0 ft	6.8 fc	22.5 ft	18.8 ft
12.0 ft	4.7 fc	27.0 ft	22.5 ft
14.0 ft	3.5 fc	31.5 ft	26.3 ft
16.0 ft	2.7 fc	36.0 ft	30.1 ft
18.0 ft	2.1 fc	40.5 ft	33.8 ft
20.0 ft	1.7 fc	45.0 ft	37.6 ft

**INDOOR COEFFICIENTS OF UTILIZATION**

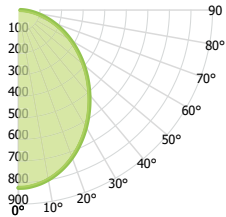
pc	80%			70%			50%			30%			10%			0%		
	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
0	119	119	119	119	116	116	116	116	110	110	110	105	105	105	101	101	101	99
1	108	103	99	95	105	101	97	93	96	93	90	92	90	87	89	86	84	82
2	98	90	83	77	95	88	81	76	84	79	74	81	76	72	77	74	70	68
3	89	79	70	64	87	77	69	63	74	67	62	71	65	60	68	63	59	57
4	82	69	60	54	79	68	60	53	65	58	52	63	57	51	60	55	51	48
5	75	62	53	46	73	61	52	46	58	51	45	56	50	44	54	48	44	42
6	69	56	46	40	67	55	46	40	53	45	39	51	44	39	49	43	38	36
7	64	50	41	35	62	49	41	35	48	40	35	46	39	34	45	39	34	32
8	59	46	37	31	58	45	37	31	44	36	31	42	35	31	41	35	30	28
9	56	42	34	28	54	41	33	28	40	33	28	39	32	27	38	32	27	25
10	52	39	31	25	51	38	30	25	37	30	25	36	29	25	35	29	25	23

**OLS-D-STANZA-SOFT-2-S-4-D500L-DIM10-MVOLT-40K-85**

TEST NO.: **EL081809**

INPUT WATTS: **20.3** LUMENS: **2144** EFFICACY: **106** BEAM ANGLE: **97** SPACING CRITERIA: **1.13**

**CANDELA DISTRIBUTION**



**CANDELA TABLE**

	0°	90°
0°	824	824
10°	798	803
20°	728	748
30°	627	663
40°	512	557
50°	394	441
60°	281	316
70°	175	195
80°	81	85
90°	10	2

**LUMINANCE (cd/sq.m)**

	0.00°	90.00°
0.00°	13863	13863
45.00°	10773	11879
55.00°	9873	11079
65.00°	9025	10250
75.00°	8201	8922
85.00°	8113	7748

**LUMENS PER ZONE**

ZONE	LUMENS
0° - 10°	79
10° - 20°	218
20° - 30°	321
30° - 40°	372
40° - 50°	370
50° - 60°	323
60° - 70°	243
70° - 80°	145
80° - 90°	50

**ZONAL LUMEN SUMMARY**

ZONE	UMENS	% LUMINAIRE
0° - 20°	297	14%
0° - 30°	618	29%
0° - 40°	989	46%
0° - 60°	1683	78%
0° - 80°	2070	97%
0° - 90°	2121	99%

**CONE OF LIGHT**

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 ft	22.9 fc	13.7 ft	15.7 ft
8.0 ft	12.9 fc	18.2 ft	20.9 ft
10.0 ft	8.2 fc	22.8 ft	26.2 ft
12.0 ft	5.7 fc	27.3 ft	31.4 ft
14.0 ft	4.2 fc	31.9 ft	36.7 ft
16.0 ft	3.2 fc	36.4 ft	41.9 ft
18.0 ft	2.5 fc	41.0 ft	47.1 ft
20.0 ft	2.1 fc	45.5 ft	52.4 ft

**INDOOR COEFFICIENTS OF UTILIZATION**

pc	80%			70%			50%			30%			10%			0%		
	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	101	101	101	99
1	108	104	99	96	106	101	97	94	97	94	91	93	90	88	89	87	85	83
2	99	91	84	78	96	89	82	77	85	80	75	81	77	73	78	75	71	69
3	90	80	72	65	88	78	71	65	75	68	63	72	67	62	69	65	61	59
4	83	71	62	55	80	69	61	55	67	60	54	64	58	53	62	57	52	50
5	76	63	55	48	74	62	54	48	60	53	47	58	51	46	56	50	46	44
6	70	57	48	42	68	56	48	42	54	47	41	53	46	41	51	45	40	38
7	65	52	43	37	64	51	43	37	50	42	37	48	41	36	47	41	36	34
8	61	48	39	33	59	47	39	33	45	38	33	44	37	33	43	37	32	30
9	57	44	36	30	56	43	35	30	42	35	30	41	34	30	40	34	29	27
10	54	40	33	27	52	40	32	27	39	32	27	38	31	27	37	31	27	25



**OLS-D-STANZA-SOFT-2-S-4-D750L-DIM10-MVOLT-40K-85**

TEST NO.: **EL081811**

INPUT WATTS: **27.0**

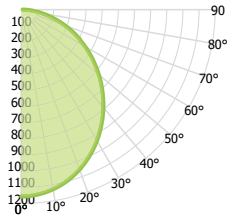
LUMENS: **3042**

EFFICACY: **113**

BEAM ANGLE: **106**

SPACING CRITERIA: **1.20**

**CANDELA DISTRIBUTION**



**CANDELA TABLE**

	0°	90°
0°	1157	1157
10°	1129	1121
20°	1053	1022
30°	936	880
40°	790	720
50°	625	556
60°	454	397
70°	288	250
80°	130	116
90°	8	10

**LUMINANCE (cd/sq.m)**

	0.00°	90.00°
0.00°	18317	18317
45.00°	15858	14271
55.00°	14910	13104
65.00°	13986	12142
75.00°	12599	11028
85.00°	11753	10552

**LUMENS PER ZONE**

ZONE	LUMENS
0° - 10°	109
10° - 20°	307
20° - 30°	451
30° - 40°	527
40° - 50°	527
50° - 60°	461
60° - 70°	349
70° - 80°	208
80° - 90°	72

**ZONAL LUMEN SUMMARY**

ZONE	UMENS	% LUMINAIRE
0° - 20°	416	14%
0° - 30°	867	29%
0° - 40°	1394	46%
0° - 60°	2382	78%
0° - 80°	2939	97%
0° - 90°	3010	99%

**CONE OF LIGHT**

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 ft	32.1 fc	15.8 ft	13.7 ft
8.0 ft	18.1 fc	21.1 ft	18.3 ft
10.0 ft	11.6 fc	26.4 ft	22.9 ft
12.0 ft	8.0 fc	31.6 ft	27.4 ft
14.0 ft	5.9 fc	36.9 ft	32.0 ft
16.0 ft	4.5 fc	42.2 ft	36.6 ft
18.0 ft	3.6 fc	47.5 ft	41.1 ft
20.0 ft	2.9 fc	52.7 ft	45.7 ft

**INDOOR COEFFICIENTS OF UTILIZATION**

pc	80%			70%			20%			50%			30%			10%			0%
pw	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	0%
0	119	119	119	119	116	116	116	116	110	110	110	106	106	106	101	101	101	99	0%
1	108	104	99	95	106	101	97	94	97	94	91	93	90	88	89	87	85	83	0%
2	99	90	84	78	96	88	82	77	85	79	75	81	77	73	78	74	71	69	0%
3	90	80	71	65	87	78	70	64	75	68	63	72	66	62	69	65	61	58	0%
4	83	71	62	55	80	69	61	55	67	59	54	64	58	53	62	57	52	50	0%
5	76	63	54	48	74	62	54	47	60	52	47	58	51	46	56	50	46	43	0%
6	70	57	48	42	68	56	48	42	54	47	41	52	46	41	51	45	40	38	0%
7	65	52	43	37	63	51	43	37	49	42	36	48	41	36	46	40	36	34	0%
8	61	47	39	33	59	47	39	33	45	38	33	44	37	32	43	37	32	30	0%
9	57	44	35	30	55	43	35	30	42	35	30	41	34	29	39	33	29	27	0%
10	53	40	32	27	52	40	32	27	39	32	27	38	31	27	37	31	27	25	0%

**OLS-D-STANZA-SOFT-2-S-4-D750L-WW-DIM10-MVOLT-40K-85**

TEST NO.: **EL081820**

INPUT WATTS: **27.0**

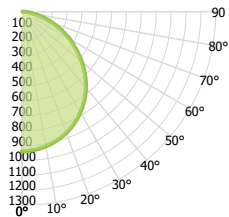
LUMENS: **3030**

EFFICACY: **112**

BEAM ANGLE: **85**

SPACING CRITERIA: **1.24**

**CANDELA DISTRIBUTION**



**CANDELA TABLE**

	0°	90°
0°	937	937
10°	918	1094
20°	865	1217
30°	781	1277
40°	666	1187
50°	522	998
60°	369	735
70°	214	384
80°	82	126
90°	3	13

**LUMINANCE (cd/sq.m)**

	0.00°	90.00°
0.00°	14826	14826
45.00°	13353	24594
55.00°	12245	24349
65.00°	10823	20965
75.00°	8823	14404
85.00°	5915	9742

**LUMENS PER ZONE**

ZONE	LUMENS
0° - 10°	89
10° - 20°	262
20° - 30°	409
30° - 40°	511
40° - 50°	545
50° - 60°	507
60° - 70°	389
70° - 80°	217
80° - 90°	63

**ZONAL LUMEN SUMMARY**

ZONE	UMENS	% LUMINAIRE
0° - 20°	352	12%
0° - 30°	761	25%
0° - 40°	1271	42%
0° - 60°	2323	77%
0° - 80°	2929	97%
0° - 90°	2992	99%

**CONE OF LIGHT**

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 ft	26.0 fc	11.0 ft	14.0 ft
8.0 ft	14.6 fc	14.7 ft	18.6 ft
10.0 ft	9.4 fc	18.4 ft	23.3 ft
12.0 ft	6.5 fc	22.1 ft	27.9 ft
14.0 ft	4.8 fc	25.7 ft	32.6 ft
16.0 ft	3.7 fc	29.4 ft	37.3 ft
18.0 ft	2.9 fc	33.1 ft	41.9 ft
20.0 ft	2.3 fc	36.8 ft	46.6 ft

**INDOOR COEFFICIENTS OF UTILIZATION**

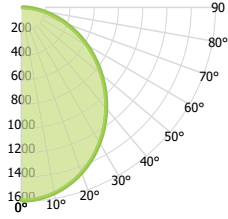
pc	80%			70%			20%			50%			30%			10%			0%
pw	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	0%
0	119	119	119	119	116	116	116	116	110	110	110	105	105	105	101	101	101	99	0%
1	108	103	99	95	105	101	97	93	96	93	90	92	90	87	88	86	84	82	0%
2	98	90	83	77	95	88	81	76	84	78	74	80	76	72	77	73	70	68	0%
3	89	78	70	63	87	77	69	63	73	67	61	71	65	60	68	63	59	57	0%
4	81	69	60	53	79	68	59	53	65	58	52	63	56	51	60	55	50	48	0%
5	75	62	52	46	72	60	52	45	58	50	45	56	49	44	54	48	43	41	0%
6	69	55	46	40	67	54	46	39	52	45	39	50	44	38	49	43	38	36	0%
7	64	50	41	35	62	49	41	35	47	40	34	46	39	34	44	38	34	32	0%
8	59	46	37	31	58	45	36	31	43	36	30	42	35	30	41	35	30	28	0%
9	55	42	33	28	54	41	33	28	40	32	27	39	32	27	37	31	27	25	0%
10	52	38	30	25	50	38	30	25	37	30	25	36	29	25	35	29	24	23	0%

**OLS-D-STANZA-SOFT-2-S-4-D-1000L-DIM10-MVOLT-40K-85**

TEST NO.: **EL081815**

INPUT WATTS: **38.1** LUMENS: **4163** EFFICACY: **109** BEAM ANGLE: **106** SPACING CRITERIA: **1.20**

**CANDELA DISTRIBUTION**



**CANDELA TABLE**

	0°	90°
0°	1588	1588
10°	1556	1539
20°	1451	1403
30°	1289	1209
40°	1087	988
50°	861	763
60°	625	545
70°	392	343
80°	179	159
90°	11	14

**LUMINANCE (cd/sq.m)**

	0.00°	90.00°
0.00°	25142	25142
45.00°	21842	19591
55.00°	20518	18007
65.00°	19015	16471
75.00°	17306	15150
85.00°	16110	14577

**LUMENS PER ZONE**

ZONE	LUMENS
0° - 10°	150
10° - 20°	421
20° - 30°	619
30° - 40°	718
40° - 50°	719
50° - 60°	633
60° - 70°	476
70° - 80°	286
80° - 90°	98

**ZONAL LUMEN SUMMARY**

ZONE	UMENS	% LUMINAIRE
0° - 20°	571	14%
0° - 30°	1190	29%
0° - 40°	1908	46%
0° - 60°	3259	78%
0° - 80°	4021	97%
0° - 90°	4119	99%

**CONE OF LIGHT**

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 ft	44.1 fc	15.8 ft	13.7 ft
8.0 ft	24.8 fc	21.1 ft	18.2 ft
10.0 ft	15.9 fc	26.4 ft	22.8 ft
12.0 ft	11.0 fc	31.6 ft	27.3 ft
14.0 ft	8.1 fc	36.9 ft	31.9 ft
16.0 ft	6.2 fc	42.2 ft	36.5 ft
18.0 ft	4.9 fc	47.5 ft	41.0 ft
20.0 ft	4.0 fc	52.7 ft	45.6 ft

**INDOOR COEFFICIENTS OF UTILIZATION**

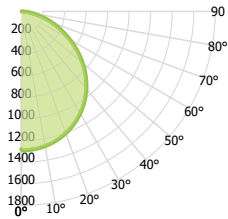
pc	20%																10%				0%			
pw	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	101	101	99	99	99	99	99
1	108	104	99	95	106	101	97	94	97	94	91	93	90	88	89	87	85	83	83	83	83	83	83	83
2	99	90	84	78	96	88	82	77	85	79	75	81	77	73	78	74	71	69	69	69	69	69	69	69
3	90	80	71	65	88	78	70	64	75	68	63	72	66	62	69	65	61	58	58	58	58	58	58	58
4	83	71	62	55	80	69	61	55	67	60	54	64	58	53	62	57	52	50	50	50	50	50	50	50
5	76	63	54	48	74	62	54	47	60	52	47	58	51	46	56	50	46	43	43	43	43	43	43	43
6	70	57	48	42	68	56	48	42	54	47	41	52	46	41	51	45	40	38	38	38	38	38	38	38
7	65	52	43	37	63	51	43	37	49	42	37	48	41	36	46	40	36	34	34	34	34	34	34	34
8	61	47	39	33	59	47	39	33	45	38	33	44	37	32	43	37	32	30	30	30	30	30	30	30
9	57	44	35	30	55	43	35	30	42	35	30	41	34	29	39	34	29	27	27	27	27	27	27	27
10	53	40	32	27	52	40	32	27	39	32	27	38	31	27	37	31	27	25	25	25	25	25	25	25

**OLS-D-STANZA-SOFT-2-WW-1000L-DIM10-MVOLT-40K-85**

TEST NO.:

INPUT WATTS: **38.1** LUMENS: **4134** EFFICACY: **109** BEAM ANGLE: **85** SPACING CRITERIA: **1.26**

**CANDELA DISTRIBUTION**



**CANDELA TABLE**

	0°	90°
0°	1281	1281
10°	1269	1499
20°	1204	1666
30°	1092	1749
40°	938	1625
50°	740	1368
60°	516	1007
70°	302	522
80°	116	172
90°	4	18

**LUMINANCE (cd/sq.m)**

	0.00°	90.00°
0.00°	20273	20273
45.00°	18887	33675
55.00°	17392	33354
65.00°	15151	28693
75.00°	12412	19696
85.00°	7991	13306

**LUMENS PER ZONE**

ZONE	LUMENS
0° - 10°	122
10° - 20°	357
20° - 30°	559
30° - 40°	699
40° - 50°	744
50° - 60°	689
60° - 70°	532
70° - 80°	296
80° - 90°	86

**ZONAL LUMEN SUMMARY**

ZONE	UMENS	% LUMINAIRE
0° - 20°	479	12%
0° - 30°	1038	25%
0° - 40°	1737	42%
0° - 60°	3170	77%
0° - 80°	3998	97%
0° - 90°	4084	99%

**CONE OF LIGHT**

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 ft	35.6 fc	11.1 ft	13.9 ft
8.0 ft	20.0 fc	14.7 ft	18.6 ft
10.0 ft	12.8 fc	18.4 ft	23.2 ft
12.0 ft	8.9 fc	22.1 ft	27.9 ft
14.0 ft	6.5 fc	25.8 ft	32.5 ft
16.0 ft	5.0 fc	29.5 ft	37.2 ft
18.0 ft	4.0 fc	33.2 ft	41.8 ft
20.0 ft	3.2 fc	36.8 ft	46.5 ft

**INDOOR COEFFICIENTS OF UTILIZATION**

pc	20%																10%				0%			
pw	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
0	119	119	119	119	116	116	116	116	110	110	110	105	105	105	101	101	101	101	101	99	99	99	99	99
1	108	103	99	95	105	101	97	93	96	93	90	92	90	87	88	86	84	82	82	82	82	82	82	82
2	98	90	83	77	95	88	81	76	84	78	74	80	76	72	77	73	70	68	68	68	68	68	68	68
3	89	78	70	63	87	77	69	63	73	67	61	71	65	60	68	63	59	57	57	57	57	57	57	57
4	81	69	60	53	79	68	59	53	65	58	52	63	56	51	60	55	50	48	48	48	48	48	48	48
5	75	62	52	46	72	60	52	45	58	50	45	56	49	44	54	48	43	41	41	41	41	41	41	41
6	69	55	46	40	67	54	46	39	52	45	39	50	44	38	49	43	38	36	36	36	36	36	36	36
7	64	50	41	35	62	49	41	35	47	40	34	46	39	34	44	38	34	32	32	32	32	32	32	32
8	59	46	37	31	58	45	37	31	43	36	30	42	35	30	41	35	30	28	28	28	28	28	28	28
9	55	42	33	28	54	41	33	28	40	32	27	39	32	27	38	31	27	25	25	25	25	25	25	25
10	52	38	30	25	50	38	30	25	37	30	25	36	29	25	35	29	24	23	23	23	23	23	23	23

1 Luminaire will be shipped with Powerpacks preinstalled, 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

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	<input type="checkbox"/> LEDRU LED Relay Zone Controller 0-10V <sup>1</sup>	<input type="checkbox"/> FCJS-0-10 Lutron Vive 0-10V Individual Control Models <sup>1,4</sup>	<input type="checkbox"/> CU-4E-FMH Fixture Mount Control Unit <sup>1,5</sup>	<input type="checkbox"/> ZL027 -NOW Intellect Power Control Module <sup>1,6</sup>	<input type="checkbox"/> EN-WCM2-ZB-DR Wireless Control Module <sup>1,7</sup>	<input type="checkbox"/> XITANIUM SR LED DRIVER The Philips Advance Xitanium SR LED driver <sup>1,8</sup>	<input type="checkbox"/> LMFC-011 ON/ OFF/0-10V dimming fixture controller <sup>1,9</sup>
	<input type="checkbox"/> LEDDU LED Zone Controller 0-10V <sup>1</sup>	<input type="checkbox"/> FCJS-ECO Lutron Vive Eco-system Individual Control Models <sup>1,4</sup>		<input type="checkbox"/> ZL027 -DLE Intellect Power Control Module <sup>1,6</sup>	<input type="checkbox"/> EN- ALC-ZB-BK-DR Wireless Area Lighting Control Module <sup>1,7</sup>		<input type="checkbox"/> FS-PP-V2 FS-PP Fixture Integrated Sensor Power Pack <sup>1,9</sup>
INTEGRATED OCCUPANCY& DAYLIGHT SENSOR	N/A	<input type="checkbox"/> DFCSJ-OEM-OCC Clear Connect (RF) and Occupancy/ Daylight Sensing <sup>2</sup>	<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 Independent Micro Sensor <input type="checkbox"/> SU-5S-H(IoT/CL/IL) Surface Mount Sensor (Must be Specified with CU- 4E-FMH Control Unit) <sup>2</sup>	<input type="checkbox"/> ZL00J -TOW Intellect Intelligent Fixture Control System <sup>2</sup>	<input type="checkbox"/> EN-CLM-PIR-DD-ZB SensiLUM™ Wireless Integrated Sensor	<input type="checkbox"/> SNS200 SNS200 for grouping <sup>2</sup>	<input type="checkbox"/> FD-301 Fixture integrated Daylight Dimming Sensor <sup>2</sup>
			<input type="checkbox"/> ZL00J-DOW Intellect Intelligent Fixture Control System <sup>2</sup>	<input type="checkbox"/> ZBHA- CLM-DIM-ENC Connected Lighting Module DIM <sup>2</sup>	<input type="checkbox"/> SNS300 SNS300 for networks <sup>2</sup>	<input type="checkbox"/> FS-205 Fixture integrated passive infrared occupancy sensor <sup>2</sup>	
*WIRELESS OCCUPANCY SENSOR	<input type="checkbox"/> EOSCU-W-E0 Occupancy Sensor - Ceiling Mounted <sup>3</sup>	<input type="checkbox"/> LRF2-OCR2B-P-WH Ceiling mount360° ,occupancy/vacancy sensor <sup>3</sup>	N/A	N/A	<input type="checkbox"/> EN-SCPPH- 1500-ZB Wireless Passive Infrared Occupancy and Photo Sensors <sup>3</sup>	N/A	<input type="checkbox"/> LMDC-100 Dual technology PIR Ceiling Mount Occupancy Sensor <sup>3</sup>
*WIRELESS DAYLIGHT SENSOR	<input type="checkbox"/> ELLSU-W-E0 Light Level Sensor - Ceiling Mounted <sup>3</sup>	<input type="checkbox"/> LRF2-DCRB-WH Ceiling-mount daylight sensor <sup>3</sup>	N/A	N/A	<input type="checkbox"/> EN-SCPPH- 1500-ZB Wireless Passive Infrared Occupancy and Photo Sensors <sup>3</sup>	N/A	<input type="checkbox"/> LMLS-400 Single zone switching and dimming digital photosensor <sup>3</sup>
*WIRELESS OCCUPANCY & DAYLIGHT SENSOR	N/A	N/A	<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 Independent Micro Sensor <input type="checkbox"/> SU-5S-H(IoT/CL/IL) Surface Mount Sensor  (Must be specified with CU- 4E-FMH Control Unit) <sup>3</sup>	<input type="checkbox"/> ZL00J -TOW Intellect Intelligent Fixture Control System  <input type="checkbox"/> ZL00J-DOW Intellect Intelligent Fixture Control System  (Must be specified with ZL027-NOW and ZL00J- DOW Control unit) <sup>3</sup>	<input type="checkbox"/> EN-CLM- PIR-DD-ZB SensiLUM™ Wireless Integrated Sensor  <input type="checkbox"/> ZBHA- CLM-DIM-ENC Connected Lighting Module DIM  (Must be specified with EN-WCM2-ZB-DR or EN- ALC-ZB-BK-DR Control Unit) <sup>3</sup>	<input type="checkbox"/> SNS200-CMP SNS-200 for Grouping <sup>3</sup>	N/A
ACCESSORIES	N/A	N/A	<input type="checkbox"/> TMC-SU-5E Tile Mount Carrier <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	N/A	N/A
NOTES	N/A	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 orderd 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 compatible with philips field and wireless switch	9- Luminaire will be compatible with DLM Room control system LMPB-100. . Sensors must be orderd through Legrand.