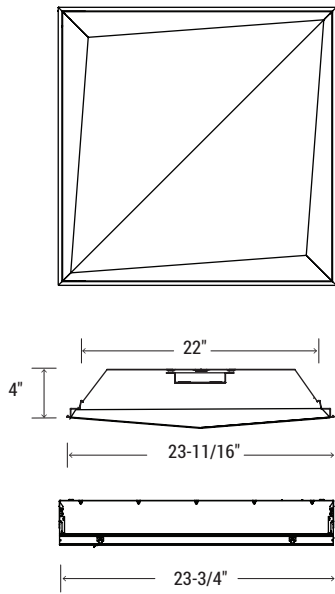
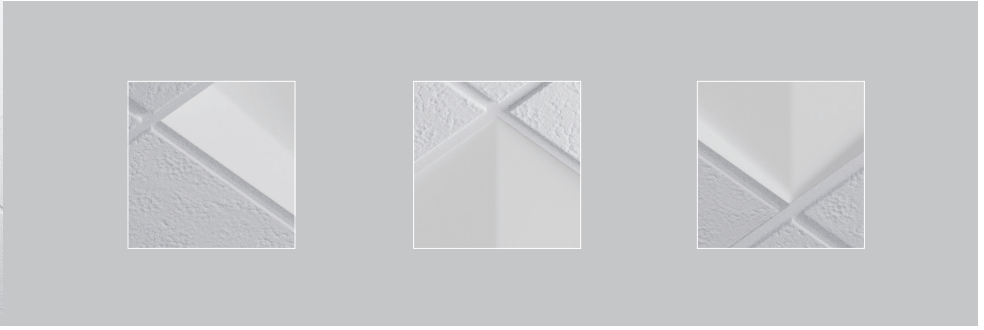




NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
4000	4205	52 W
3000	3200	38 W
2000	2172	25 W

Based on 4000K, 85+ CRI. Actual wattage may vary +/- 5%

FEATURES

A geometric form factor and advanced optical system combine to form the Lite 5, a visually pleasing and visually comfortable architectural troffer. Luminaires can be clustered together at different angles for unique ceilings. Providing an architectural look different from the ordinary troffer, the Lite 5 is ideal for offices, educational, healthcare, commercial, and retail applications.

LUMENS	2000, 3000, 4000
CCT & DYNAMIC PLATFORMS	30K, 35K, 40K, 50K, Tunable White, Dims to Warm, RGB + White
CRI	85+
COLOR QUALITY	3 Step MacAdam Ellipse
SIZE	2'x2'
MOUNTING	Recessed
DIMMING & CONTROL	0-10V Flicker Free 1% Dimming Standard (DIM10), LUTH, LUT2W, DIMST, ELDO10.1, ELDODMX.1, DALI.1
EMERGENCY	10W - Up to 1000L output (Bodine BSL310) 20W - Up to 2000L output (Bodine BSL20)
LIFETIME	L70 at 83,000 Hours
PHOTOMETRIC TESTS	In Accordance with IES LM79-08, LM80 and TM-30, TM-21



MAINTENANCE

Hinged door frame allows easy access to LED boards and driver compartment, and locks securely into place. LED engines and drivers are removable and upgradable even after luminaire installation. Luminaire can be regularly and safely wiped down to ensure optimal performance. A one-piece lens can be accessed from the top with a tool-less removal; torsion springs can be pushed to gain access to the inner components.

OPTICAL SYSTEM

The LED light engine is secured to the body of the luminaire, with the body acting as a heatsink. LEDs are individually covered with a special optic that disperses light in all directions for even distribution. LED diodes are evenly, closed spaced for a uniform, fully luminous appearance from luminaire to luminaire.

CONSTRUCTION

Heavy-duty 20-gauge cold rolled steel body, post-painted with a 93% reflective white coat. Torsion springs on either side of luminaire fit lens securely into housing. Hinged door frame has no visible hinge hardware for an architectural look. All corners interlock to remove sharp edges for safe handling. Luminaire is supplied with multiple wiring entrances for easy daisy chain of luminaires, to add power packs, whips, or other accessories in the field, or for continuous row mounting.

MOUNTING

Luminaires accommodate lay-in ceilings, Slot T, and T-bar suspension systems for 5/8" and 3/8" ceiling thicknesses. Four corner tie points are standard for safety wire support when required, with built-in earthquake clips, standard. Luminaires may be available with flange kits, surface mounted kits, and other options.

OPTIONS

Luminaires can be shipped pre-installed with whips, modular wiring systems, daylight harvesting controls, occupancy sensors, and/or power packs for individual or room control applications.

DRIVER ELECTRICAL INFORMATION

Powered by high-quality constant-current power LED drivers which are rated for 50 to 60Hz at 120/277V input. Available in 347V, produce less than 20% THD, and have a power factor of .90 to 1.00.

DIMMING & DRIVER INFORMATION

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

LUT2W - Lutron LTEA2W Hi-Lume 1%. 2-wire LED driver (120V forward phase only).

LUTH - Lutron LDE1 Hi-Lume 1% EcoSystem LED driver with Soft-on, 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)

LED DYNAMIC PLATFORM OPTIONS

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

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

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

LISTINGS

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

Example: **22-LITE-LED-5-2000L-DIM10-MVOLT-30K-85**

22	LITE	LED-5								
FIXTURE SIZE	SERIES	TYPE	LUMENS	DIMMING	VOLTAGE	CCT	CRI	EMERGENCY	OTHER OPTIONS	
22 - 2' X 2'	LITE - Fully Illuminated LED Troffer	LED-5	2000L - 2000 lumens 3000L - 3000 lumens 4000L - 4000 lumens	DIM10 - 0-10V Dimming DIMST - Step Dimming LUTH - Lutron HiLume LUT2W - Lutron 2Wire ELDO10.1 - EldoLED 0-10V DALI.1 - EldoLED DALI ELDODMX.1 - EldoLED DMX	MVOLT 347* 120 277	30K 35K 40K 50K	85	0-EMG-LED-10W 0-EMG-LED-20W	22FK - 2'x2' Flange Kit FBF - Internal Fast Blow Fuse SBF - Internal Slow Blow Fuse RIS - Radio Interference Suppressor USA - Made in America Compliance FS-PPV2 - Fixture Sensor Power Pack FD-301 - Low Voltage Daylight Dimming Photosensor LMFC-011 - Digital Lighting Manager FS-205 - Low Voltage Pir Fixture Integrated Occupancy Sensor	

LUT2W are available in 120V only LUT2W up to 4000L

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

Reference last page for Control Options

*FD-301 & FS-205 require FS-PPV2- Power Pack

22-LITE-LED-5-2000L-DIM10-MVOLT-40K-85

INPUT WATTS: **25.1**

LUMENS: **2173**

CRI: **85**

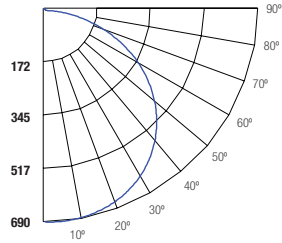
EFFICACY: **87**

CCT: **4000K**

TEST NO.: **EL072619114**

SPACING CRITERIA: **1.44**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	254.69	11.70	11.70
0-30	548.59	25.20	25.20
0-40	913.11	42.00	42.00
0-60	1662.5	76.50	76.50
0-80	2106.72	97.00	97.00
0-90	2151.71	99.00	99.00

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	1939	1894	1920
55	1924	1865	1898
65	1841	1775	1802
75	1642	1513	1605
85	1198	970	1254

Lumens Per Zone

Zone	Lumens
0-10	65.26
10-20	189.43
20-30	293.90
30-40	364.52
40-50	388.93
50-60	360.46
60-70	280.46
70-80	163.76
80-90	44.99

Candela Tabulation

Q	
0	687.568
5	687.450
15	674.190
25	642.220
35	588.060
45	510.080
55	410.550
65	289.470
75	158.120
85	38.850
90	2.070

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	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	78	74	80	76	72	77	73	70	68	
	3	89	78	67	63	87	77	69	63	73	67	61	71	65	60	68	63	59	57	
	4	81	69	60	53	79	68	59	53	65	58	52	63	56	51	60	55	50	48	
	5	75	62	52	46	72	60	52	45	58	50	45	56	49	44	54	48	43	41	
	6	69	55	46	40	67	54	46	39	52	45	39	51	44	38	49	43	38	36	
	7	64	50	41	35	62	49	41	35	47	40	34	46	39	34	44	38	34	32	
8	59	46	37	31	58	45	37	31	43	36	31	42	35	30	41	35	30	28		
9	55	42	33	28	54	41	33	28	40	33	27	39	32	27	38	31	27	25		
10	52	38	30	25	50	38	30	25	37	30	25	36	29	25	35	29	24	23		

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

2	172	7	6.9
4	43	13.9	13.8
6	19.1	20.9	20.7
8	10.7	27.9	27.7
10	6.88	34.8	34.6
12	4.77	41.8	41.5

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

22-LITE-LED-5-3000L-DIM10-MVOLT-40K-85

INPUT WATTS: **37.6**

LUMENS: **3201**

CRI: **85**

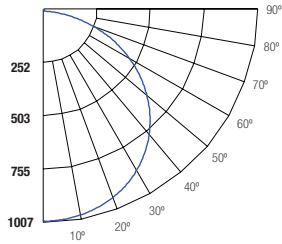
EFFICACY: **85**

CCT: **4000K**

TEST NO.: **EL072619115**

SPACING CRITERIA: **1.44**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	372.03	11.60	11.60
0-30	801.43	25.00	25.00
0-40	1337.59	41.80	41.80
0-60	2442.51	76.30	76.30
0-80	3102.76	96.90	96.90
0-90	3170.07	99.00	99.00

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	2792	2756	2806
55	2762	2709	2778
65	2637	2570	2648
75	2350	2229	2381
85	1611	1381	1844

Lumens Per Zone

Zone	Lumens
0-10	95.32
10-20	276.71
20-30	429.40
30-40	536.16
40-50	572.81
50-60	532.11
60-70	416.15
70-80	244.09
80-90	67.32

Candela Tabulation

Q	
0	1004.203
5	1001.960
15	979.160
25	930.110
35	848.880
45	734.460
55	589.180
65	414.580
75	226.210
85	52.220
90	2.400

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

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

2	251	7	7
4	62.8	14	14
6	27.9	21	21
8	15.7	28	28
10	10	35	35
12	6.97	41.9	42

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

22-LITE-LED-5-4000L-DIM10-MVOLT-40K-85

INPUT WATTS: **51.8**

LUMENS: **4206**

CRI: **85**

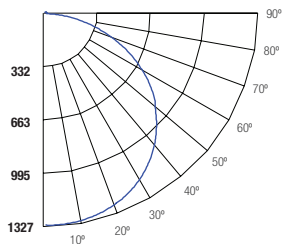
EFFICACY: **81**

CCT: **4000K**

TEST NO.: **EL072619116**

SPACING CRITERIA: **1.44**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	489.93	11.60	11.60
0-30	1055.48	25.10	25.10
0-40	1756.8	41.80	41.80
0-60	3206.85	76.20	76.20
0-80	4075.85	96.90	96.90
0-90	4164.57	99.00	99.00

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	3685	3638	3696
55	3647	3576	3660
65	3485	3403	3491
75	3118	2962	3151
85	2165	1868	2442

Lumens Per Zone

Zone	Lumens
0-10	125.53
10-20	364.40
20-30	565.54
30-40	701.32
40-50	748.96
50-60	701.08
60-70	547.51
70-80	321.50
80-90	88.71

Candela Tabulation

Q	
0	1322.621
5	1319.600
15	1290.250
25	1225.610
35	1119.140
45	969.220
55	778.020
65	547.830
75	300.200
85	70.180
90	2.990

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

	RC	80%				70%				50%				30%			10%			0%
	RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%	
ROOM CAVITY RATIO	0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99	
	1	108	103	99	95	105	101	97	93	96	93	90	92	90	87	88	86	84	82	
	2	98	89	82	76	95	87	81	75	84	78	74	80	76	72	77	73	70	68	
	3	89	78	70	63	86	76	69	62	73	67	61	70	65	60	68	63	59	56	
	4	81	69	60	53	79	68	59	53	65	58	52	62	56	51	60	55	50	48	
	5	75	61	52	45	72	60	52	45	58	50	44	56	49	44	54	48	43	41	
	6	69	55	46	39	67	54	45	39	52	44	39	50	44	38	49	43	38	36	
	7	64	50	41	35	62	49	40	34	47	40	34	46	39	34	44	38	33	31	
	8	59	45	37	31	58	45	36	31	43	36	30	42	35	30	41	34	30	28	
	9	55	42	33	28	54	41	33	27	40	32	27	39	32	27	37	31	27	25	
10	52	38	30	25	50	38	30	25	37	30	25	36	29	24	35	29	24	23		

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

2- Luminaire will be shipped with Sensors installed on the luminaire, allowing for individual luminaire control. Luminaires will be ready to be integrated with designated control systems

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

BRAND	EASYFIT by EnOcean	LUTRON	enlighted	LEVITON®	OSRAM	PHILIPS EasySense	legrand®
CONTROL UNIT	❑ LEDRU LED Relay Zone Controller 0-10V ¹	❑ FCJS-0-10 Lutron Vive 0-10V Individual Control Models ^{1 4}	❑ CU-4E-FMH Fixture Mount Control Unit ^{1 5}	❑ ZL027 –NOW Intellect Power Control Module ^{1 6}	❑ EN-WCM2-ZB-DR Wireless 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 ^{1 9}
	❑ LEDDU LED Zone Controller 0-10V ¹	❑ FCJS-ECO Lutron Vive Eco-system Individual Control Models ^{1 4}		❑ ZL027 –DLE Intellect Power Control Module ^{1 6}	❑ EN- ALC-ZB-BK-DR Wireless Area Lighting Control Module ^{1 7}		❑ FS-PP-V2 FS-PP Fixture Integrated Sensor Power Pack ^{1 9}
INTEGRAT OCCUPANCY& DAYLIGHT SENSOR	N/A	❑ 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 Independent Micro Sensor ❑ SU-5S-H(IoT/CL/IL) Surface Mount Sensor (Must be Specified with CU- 4E-FMH Control Unit) ²	❑ ZL00J -TOW Intellect Intelligent Fixture Control System ²	❑ EN-CLM-PIR-DD-ZB SensiLUM™ Wireless Integrated Sensor	❑ SNS200 SNS200 for grouping ²	❑ FD-301 Fixture integrated Daylight Dimming Sensor ²
				❑ ZL00J-DOW Intellect Intelligent Fixture Control System ²	❑ ZBHA- CLM-DIM-ENC Connected Lighting Module DIM ²	❑ SNS300 SNS300 for networks ²	❑ FS-205 Fixture integrated passive infrared occupancy sensor ²
*WIRELESS OCCUPANCY SENSOR	❑ EOSCU-W-EO Occupancy Sensor - Ceiling Mounted ³	❑ LRF2-OCR2B-P-WH Ceiling mount 360° ,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
*WIRELESS DAYLIGHT SENSOR	❑ ELLSU-W-EO Light Level Sensor - Ceiling Mounted ³	❑ 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
*WIRELESS OCCUPANCY & DAYLIGHT SENSOR	N/A	N/A	❑ SU-5E-IoT IoT Node Micro Sensor ❑ SU-5E-CL Connected Micro Sensor ❑ SU-5E-IL Independent Micro Sensor ❑ SU-5S-H(IoT/CL/IL) Surface Mount Sensor (Must be specified with CU- 4E-FMH Control Unit) ³	❑ ZL00J -TOW Intellect Intelligent Fixture Control System ❑ ZL00J-DOW Intellect Intelligent Fixture Control System (Must be specified with ZL027-NOW and ZL00J- DOW 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
ACCESSORIES	N/A	N/A	❑ TMC-SU-5E Tile Mount Carrier ❑ CBL-5E-CU4-30N 30 inch Sensor cable for CU-4 and IoT Ready ❑ 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.