

OPTICS AND PERFORMANCE

Fabricated from 20-gauge aluminum, and post-painted with 95% reflective premium paint. The optical system delivers high efficiency LED light that passes through a high-quality acrylic overlay for optimal distribution patterns, creating a glare-free and even distribution. Indirect distribution options available in medium or batwing, with standard distribution options available in 70U30D (70% up, 30% down), 60U40D (60% up, 40% down), and 50U50D (50% up, 50% down), with zero light leakage.

CONSTRUCTION

Body is constructed of heavy-duty 18-gauge cold rolled steel, and die-cast end caps, and post-painted with 95% reflective premium paint. Joiners will accept stems, single cable, "Y" cable and power cords.

FINISH

Aluminum electrostatic painted in White or custom RAL colors.

MOUNTING

Standard suspension is conductive feed/suspension cable. The adjustable power cable comes in a standard 4' length. A 5-conductor cable is standard or a 6-conductor cable for emergency power. Field adjustable length. Max. support every 8 feet.

LENGTHS

All luminaires are supplied in nominal lengths to ensure even illumination. Runs and configurations are available in continuous or 4' and 8' lengths.

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.

OPTIONS

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

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.

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.

ELD010.1 - EldoLED SoloDrive 0-10V. Dimming down to 0.1%. Available on all luminaires up to 100 watts.

DALI - DALI DT6, DT8 dimming down to 1%. Available on all luminaires up to 100 watts.

ELDODMX - EldoLED PowerDrive dimming down to 0.1%. Available on all luminaires up to 100 watts.

Please see EldoLED website for wiring diagrams and a list of compatible DMX and DALI control systems.

DIMST - Step Dimming



LED DYNAMIC PLATFORM OPTIONS

Tunable White with SmartWhite 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 SmartDimming 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 SmartHue 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)

XBSSBOU

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

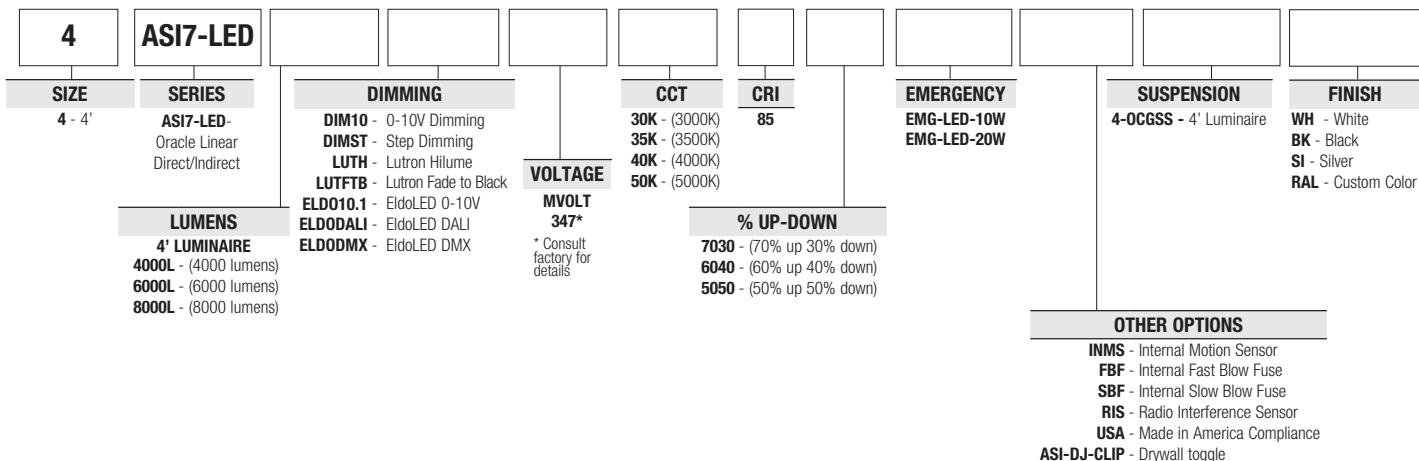
LISTINGS

c-UL-us - Listed for Feed Through Wiring.

Listed for DLC

California Title 24 compliant.

Example: **4-ASI7-LED-4000L-DIM10-MVOLT-30K-85**



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 fixtures enable your customer's facility to run smarter, with the use of an easily controlled system through any platform.

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

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

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

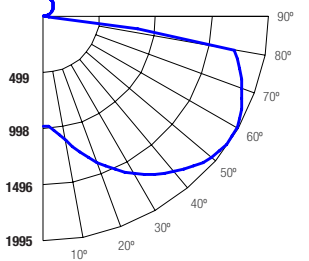
BRAND	EASYFIT by EnOcean	LUTRON	enlighted	LEVITON®	PHILIPS EasySense	legrand®
POWER PACK	<input type="checkbox"/> LEDRU - LED Relay Zone Controller 0-10V	<input type="checkbox"/> Lutron Vive FCJS-010 - Individual Fixture Control, 0 to 10 v	<input type="checkbox"/> CU-E3-1R	<input type="checkbox"/> ZL027-NOW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

4-ASI7-LED-8000L-DIM10-MVOLT-40K-9010

TEST NO.: EL111889

INPUT WATTS: **61.7** LUMENS: **7884** CRI: **90** EFFICACY: **128** CCT: **4000K**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	65.77	N.A.	0.80
0-30	139.86	N.A.	1.80
0-40	229.38	N.A.	2.90
0-60	405.33	N.A.	5.10
0-80	506.36	N.A.	6.40
0-90	517.07	N.A.	6.60

Luminance (Average candela/M²)

Angle in Degrees	Average		
	0°	45°	90°
45	1354	1381	1408
55	1302	1335	1335
65	1223	1268	1268
75	1110	1110	1110
85	879	879	879

Lumens Per Zone

Zone	Lumens
0-10	16.97
10-20	48.80
20-30	74.09
30-40	89.52
40-50	92.65
50-60	83.30
60-70	63.84
70-80	37.18
80-90	10.71

Candela Tabulation

0	180.95
5	178.60
15	171.55
25	159.80
35	141.00
45	117.50
55	91.65
65	63.45
75	35.25
85	9.40
90	0.00

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

ROOM CAVITY RATIO	RC	80%				70%				50%				30%				10%				0%	
		70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%			
0	97	97	97	97	97	84	84	84	84	59	59	59	37	37	37	16	16	16	7	7			
1	89	84	80	77	76	73	70	67	67	52	50	48	32	31	30	14	14	14	5	5			
2	80	73	68	63	69	63	59	55	45	42	40	28	27	25	12	12	11	5	5				
3	73	64	57	52	63	56	50	46	40	36	33	25	23	21	11	10	10	4	4				
4	67	57	49	44	57	49	43	38	35	31	28	22	20	18	10	9	8	3	3				
5	61	50	43	37	52	44	37	33	31	27	24	20	17	15	9	8	7	3	3				
6	56	45	37	32	48	39	33	28	28	24	21	17	15	13	8	7	6	2	2				
7	51	40	33	27	44	35	29	24	25	21	18	16	13	12	7	6	5	2	2				
8	47	36	29	24	41	31	25	21	23	18	16	14	12	10	6	5	5	2	2				
9	44	33	26	21	38	28	23	19	20	17	14	13	11	9	6	5	4	2	2				
10	41	30	23	19	35	26	20	16	19	15	12	12	10	8	5	4	4	2	2				

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

Cone of Light

Distance to Plane	Initial Footcandle at Nadir	Beam diameter
4.0	0.63 fc	27.9 ft
8.0	0.16 fc	55.9 ft
12.0	0.07 fc	83.8 ft
16.0	0.04 fc	111.8 ft
20.0	0.03 fc	139.7 ft
24.0	0.02 fc	167.7 ft

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