

The Eco Series Linear LED is a linear pendant mounted fixture that brings an innovative design to a 2" form factor with an integral driver. This innovative product is designed for effortless installation with its Press-fit connectivity and offers versatile mounting options, including Pendant, Surface/ Wall, Recessed, or T grid. With adjustable ratio Direct/Indirect lighting, 90 CRI, and 5 CCT options, the DLC Listed Linear Architectural Luminaire provides a sleek and modern aesthetic to offices, retail spaces, supermarkets, stairwells, and other applications that demand high-quality, cost-competitive lighting. Typical applications for this type of product are interior spaces where finished ceilings and walls exist. CCT and Lumen selectable. Applications Include:

- Commercial/Corporate Office Spaces
- Retail Spaces, Public Spaces and Airports
- Schools, Colleges and Universities
- Hospitals, Government Facilities and Military Bases



project:

fixture type:

catalog #:

quantity:

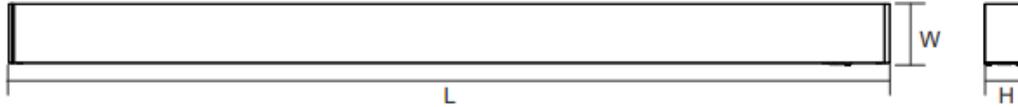
ORDERING GUIDE

EL2			S90		UNV		DM	
PREFIX/SERIES	SIZE	Color	CRI	LUMEN SELECTABLE	DRIVER VOLTAGE	COLOR TEMP. SELECTABLE	DRIVER	Options
EL2 Eco Line Series 3"	<ul style="list-style-type: none"> • 2FT - 2' • 4FT - 4' • 8FT - 8' 	MWH- White MBK - Black	S90- 90 Cri	<ul style="list-style-type: none"> • L2 - (2ft) 2200lm (20W) 1800lm (16W) 1400lm (12W) 1100lm (10W) • L4 - (4ft) 4600lm (40W) 3600lm (32W) 2200lm (24W) 1800lm (20W) • L8 - (8ft) 9500lm (80W) 7600lm (64W) 5700lm (48W) 4800lm (40W) 	UNV- Universal Voltage (120v - 277v) (60 Hz)	LFKS - 2700K 3000K 3500K 4000K 5000K	DM - 0-10V 10% Dim	<p>EM - EM pack¹ TAA - TAA compliant SVP - Silvair PIR Node³ SVN - Silvair Network Node⁴ BP - Basic PIR Node³ 10Y - 10 year warranty Order Separately</p> <p>RMBP Remote Basic Node</p> <p>Connectors</p> <p>LI -ShapeZ->αSbW ZF² LB-Shape - L shape blk² TW-Shape - T shape wht² TB-Shape - T shape blk² XB-Shape - X shape wht²</p> <p>XB-Shape - X shape blk²</p> <p>Power Cables</p> <p>PC15-5W - power cable 15FT wht 5 conductor PC15-5 - power cable 15FT blk 5 conductor PC15-6W power cable 15FT wht 6 conductor PC15-6W- power cable 15FT blk 5 conductor</p> <p>Mounting Methods</p> <p>RM- Recessed mount kit TGW- Tgrid mount kit wht TGB - Tgrid mount kit blk SW - Suspension kit wht SB - Suspension kit blk SMW-Surface/Wall mount kit wht SMB- Surface/Wall mount kit blk CM - Cable mount kit SC - Straight Connector Kit CL - Continuous Lens 49.2FT SBW - Sensor Box White SBB - Sensor Box Black²</p>

1 - Note - Battery back up is available only in 4ft and 8ft lengths. EM models require 6 wire power cords (PC15-6W / PC15-6B). Only (1) EM unit can be added to a continuous run layout. 2 - See page 2/6 for more information on dimensional requirements.
3 - PIR sensors provide: Occupancy/Vacancy, Daylight Harvesting, Task Tuning & Advanced Grouping control options. (max 12 ft mounting height, highbay options available upon request)
4 - Network Node provides wireless control of fixture via Silvair app

EL2 Fixture Dimensions

Prefix: EL2



Model #	L (in)	W (in)	H (in)	Weight (lbs)
EL2-2FT	24.54	2.13	3.36	3.4
EL2-4FT	48.15	2.13	3.36	6.2
EL2-8FT	95.71	2.13	3.36	12.3
L-SHAPE	3.13	3.13	3.36	2.98
T-SHAPE	3.13	3.43	3.36	2.98
X-SHAPE	3.43	3.43	3.36	2.98

HOUSING

Premium powder-coat, sheet metal stamping, white or black housing.

ELECTRICAL

- Operating temperature (ambient):
-20°C to 50°C (-4°F to 122°F) when fixture is mounted at least 18" from ceiling;
-20°C to 40°C (-4°F to 104°F) when surface mounted.
- Universal 120-277V AC voltage (50-60Hz) is standard.
- 0-10VDC dimming drivers are standard.
- Toolless linking of up to 10 fixture/ connector @120V.
- Power cord sold separately, required for suspension, cable and T-grid mounting.
- Input transient surge protection = 2.5kV.
- Power factor > 0.90.
- Total Harmonic distortion < 20%

OPTICAL SYSTEM

- Polycarbonate Lens.
- Field selectable 2700k (soft white), 3000k (warm white), 3500k (warm/neutral white), 4000k (neutral white) and 5000k (cool white) color temperatures*.
- Four selectable light output settings.
- Switchable between a combination of up-light and down-light.
- Long-life LEDs provide 175,000 hours of operation with at least 70% of initial lumen output (L70), and 53,000 hours with at least 90% of initial lumen output (L90)**.
- LED color maintenance < -0.0036 chromaticity shift ($\Delta u'v'$) over the initial 6,000 hours of operation.
- Color rendering index > 80

Mounting*

- Optional recessed mount kit.
- Optional surface /wall mount kit.
- Optional cable mount kit.
- Optional suspension mount kit.
- Optional T-Grid suspension mount kit.

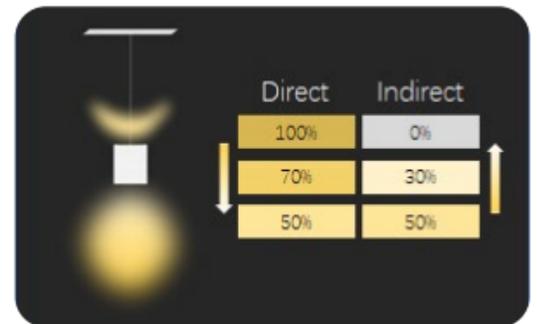
*Mounting means required and sold separately.

Code Compliance

- cULus listed for damp locations.
- DLC standard listed.
- Complies with FCC part 15, class A

Warranty

- 5 year warranty on all electronics and housing.

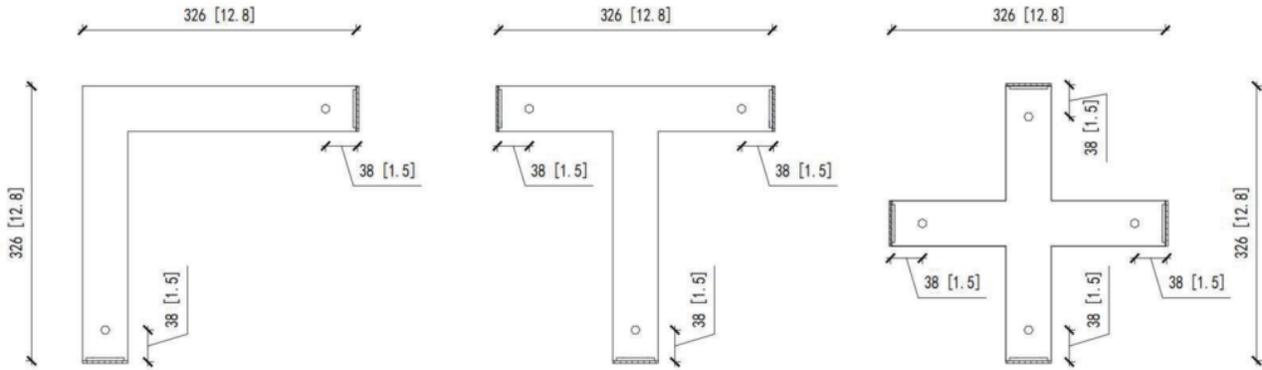


Photometric data, IES files and all other information is available on request.

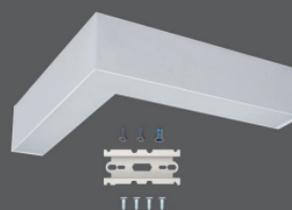
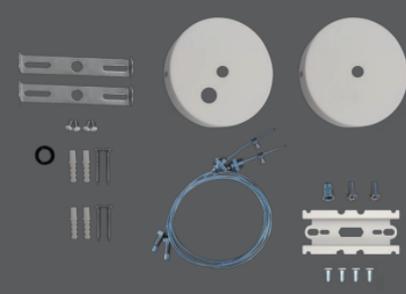
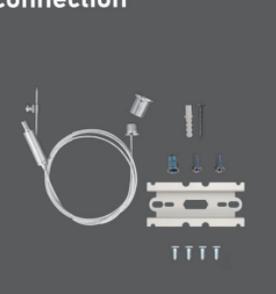
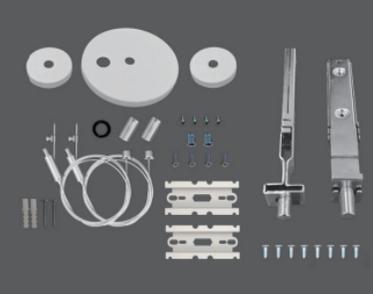
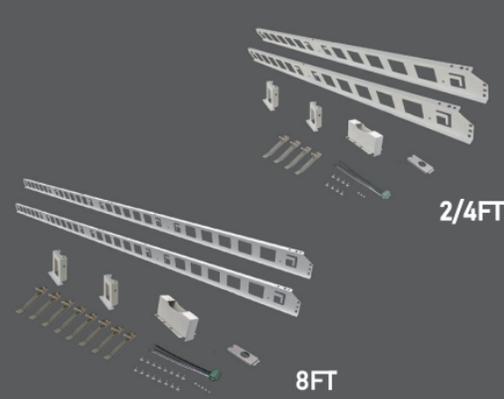
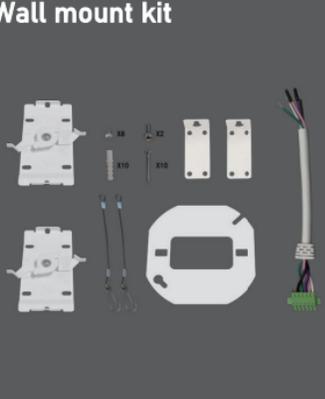
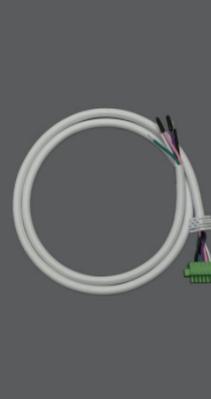
RENOVA products are constantly being improved; therefore the information shown is subject to change without notice. Always consult your lighting representative or RENOVA Lighting Systems, Inc. for the latest information.

Connector Dimensions

Prefix: EL2



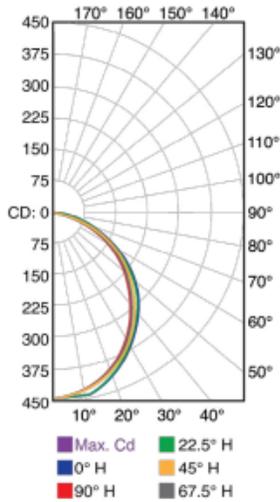
Installation Accessories

<p>'L' connector</p> 	<p>'T' connector</p> 	<p>'X' connector</p> 
<p>Suspension mount kit</p> 	<p>Cable kit for connection</p> 	<p>T-Grid suspension kit</p> 
<p>Recessed mount kit</p>  <p>2/4FT 8FT</p>	<p>Surface mount & Wall mount kit</p> 	<p>Power cords</p> 

Photometric Data

EL2-2FT Down only

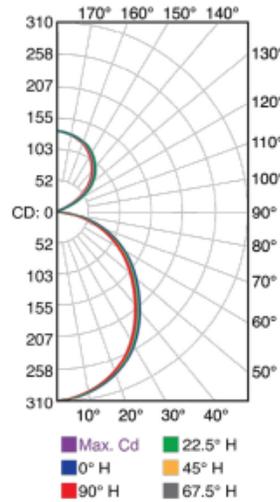
Polar Candela Distribution



CP SUMMARY			
DOWN		UP	
ANGLE	CANDELA	ANGLE	CANDELA
0°	440	180°	0
5°	438	175°	0
15°	421	165°	0
25°	382	155°	0
35°	336	145°	0
45°	274	135°	0
55°	209	125°	0
65°	141	115°	0
75°	73	105°	0
85°	18	95°	0
90°	0	90°	0

EL2-2FT 70% Down 30% Up

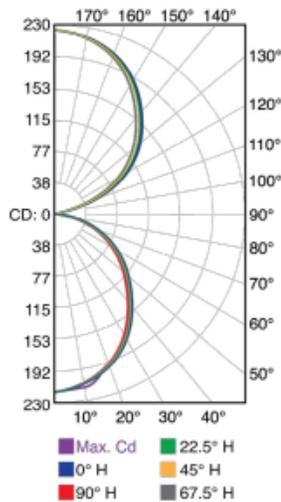
Polar Candela Distribution



CP SUMMARY			
DOWN		UP	
ANGLE	CANDELA	ANGLE	CANDELA
0°	306	180°	131
5°	305	175°	130
15°	292	165°	126
25°	267	155°	116
35°	233	145°	104
45°	192	135°	88
55°	147	125°	68
65°	99	115°	46
75°	52	105°	24
85°	13	95°	4
90°	0	90°	0

EL2-2FT 50% Down 50% Up

Polar Candela Distribution



CP SUMMARY			
DOWN		UP	
ANGLE	CANDELA	ANGLE	CANDELA
0°	214	180°	223
5°	212	175°	221
15°	204	165°	214
25°	186	155°	199
35°	162	145°	176
45°	134	135°	149
55°	102	125°	116
65°	69	115°	79
75°	36	105°	40
85°	9	95°	6
90°	0	90°	0

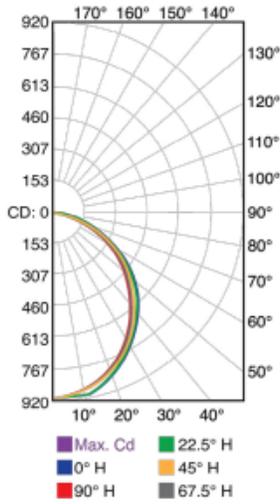
NOTES:

LED Dimming Drivers have adjustable output capability. A wide range of input watts/lumen output can be adjusted up or down on all models to suit a particular application. Always consult factory for the latest information.

Photometric data, IES files and all other information is available on request.

EL2-4FT Down only

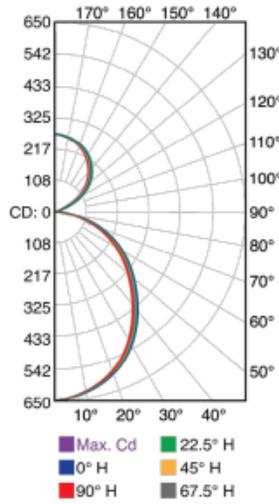
Polar Candela Distribution



CP SUMMARY			
DOWN		UP	
ANGLE	CANDELA	ANGLE	CANDELA
0°	911	180°	0
5°	906	175°	0
15°	867	165°	0
25°	795	155°	0
35°	694	145°	0
45°	573	135°	0
55°	439	125°	0
65°	297	115°	0
75°	157	105°	0
85°	39	95°	0
90°	0	90°	0

EL2-4FT 70% Down 30% Up

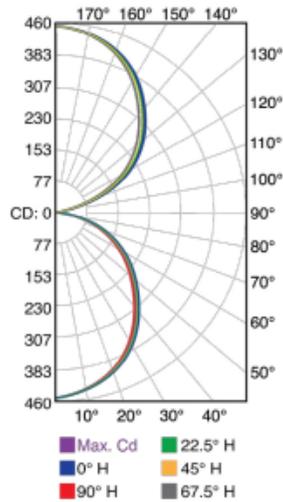
Polar Candela Distribution



CP SUMMARY			
DOWN		UP	
ANGLE	CANDELA	ANGLE	CANDELA
0°	641	180°	263
5°	638	175°	262
15°	611	165°	253
25°	559	155°	235
35°	487	145°	209
45°	401	135°	177
55°	309	125°	138
65°	208	115°	94
75°	110	105°	48
85°	27	95°	27
90°	0	90°	0

EL2-4FT 50% Down 50% Up

Polar Candela Distribution



CP SUMMARY			
DOWN		UP	
ANGLE	CANDELA	ANGLE	CANDELA
0°	446	180°	452
5°	444	175°	450
15°	427	165°	435
25°	390	155°	405
35°	340	145°	360
45°	279	135°	303
55°	215	125°	237
65°	146	115°	163
75°	76	105°	84
85°	19	95°	13
90°	0	90°	0

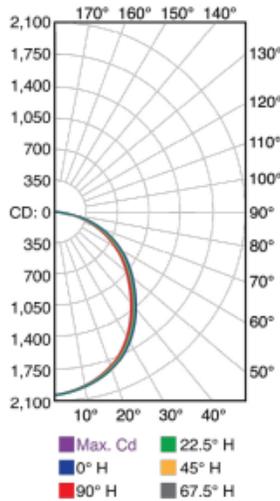
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EL2-8FT Down only

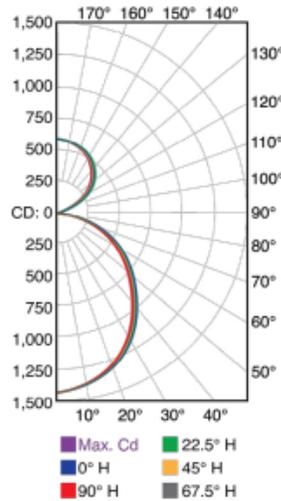
Polar Candela Distribution



CP SUMMARY			
DOWN		UP	
ANGLE	CANDELA	ANGLE	CANDELA
0°	2,032	180°	0
5°	2,023	175°	0
15°	1,935	165°	0
25°	1,773	155°	0
35°	1,548	145°	0
45°	1,278	135°	0
55°	980	125°	0
65°	662	115°	0
75°	349	105°	0
85°	87	95°	0
90°	1	90°	0

EL2-8FT 70% Down 30% Up

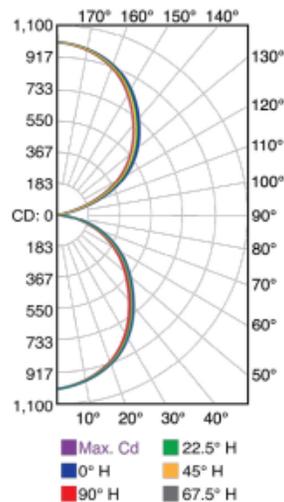
Polar Candela Distribution



CP SUMMARY			
DOWN		UP	
ANGLE	CANDELA	ANGLE	CANDELA
0°	1,430	180°	587
5°	1,424	175°	585
15°	1,363	165°	564
25°	1,247	155°	525
35°	1,086	145°	467
45°	895	135°	394
55°	689	125°	308
65°	465	115°	211
75°	246	105°	107
85°	61	95°	15
90°	0	90°	0

EL2-8FT 50% Down 50% Up

Polar Candela Distribution



CP SUMMARY			
DOWN		UP	
ANGLE	CANDELA	ANGLE	CANDELA
0°	996	180°	1,008
5°	990	175°	1,005
15°	952	165°	970
25°	870	155°	904
35°	759	145°	804
45°	624	135°	677
55°	479	125°	530
65°	325	115°	363
75°	170	105°	187
85°	42	95°	30
90°	0	90°	0

NOTES:

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