

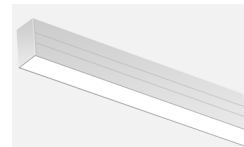
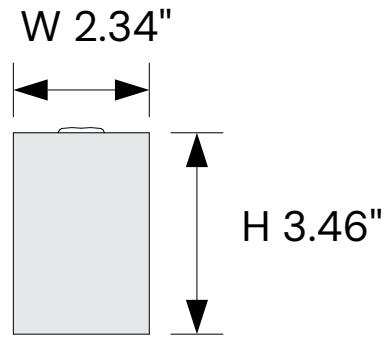
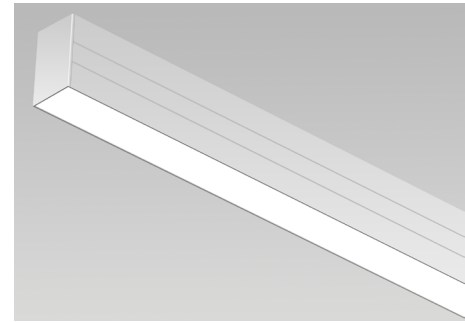
Project Name: _____ Type: _____ Quantity: _____

INTENDED USE

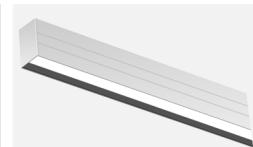
This linear architectural LED light offers exceptional versatility delivering continuous clean lines and clear light for commercial and major retail stores. The modern extruded aluminum housing is available in standard lengths ranging from 2 to 8 feet, and you can select a custom RAL finish to complement the design aesthetic of any office, museum, retail store, hotel, or restaurant.

FEATURES

- Construction:** Extruded aluminum housing with powder coat finish. Trimless design or flange trim options
- Continuous Run:** 120V = max 40 feet. 277V = 100 feet
- Wattage:** Selectable from 10W / 7.5W / 5W per FT
- Dimming:** 1-10V dimming down to 10% standard and 1% optional
- Emergency Back-up:** Optional 8W or 25W LED emergency driver with test switch that operates for minimum 90 minutes.
- Color Temperature:** CCT adjustable from 3000K, 3500K, 4000K
- Voltage:** 110-277V
- CRI:** 80+
- Life:** 50,000 Hours
- Warranty:** 5 Years Free of Defects in Materials & Craftsmanship
- Listings:** cULus listed for damp locations



Flat Lens



Regressed Lens



Lens	Lumen Package For 100% Down		
	High	Medium	Low
Flat Lens	1000lm/ft,10w/ft	750lm/ft,7.5w/ft	500lm/ft, 5w/ft
Regressed Lens	800lm/ft,10w/ft	600lm/ft,7.5w/ft	400lm/ft, 5w/ft


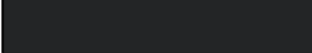
ORDERING INFORMATION Example:

Model	Mounting	Optics	Shape	Finish	Driver	Pendant Ceiling Type	Pendant Cord & Canopy Finish	Pendant Canopy Shape	Options
12100-21	R Recessed P Pendant S Surface W Wall	F Standard Flat R Regressed	S ₁ Single Run x = 2', 3', 4', 6' or 8' CR ₁ Continuous Run x = Length RC ₁ Rectangle x = Width & Length SQ ₁ Square x = Width & Length L ₁ "L" Shape x = Leg 1 & Leg 2	W White B Black RAL# See Pg. 2 for custom finishes	Blank Standard 0 -10V (Dim to 10%) D1 0 -10V (Dim to 1%)	(Blank) Not Required DJ Standard Dry Wall J-Box Mount D9/15 Drop Ceiling Clips for 9/16" and 15/16" Flat Ceiling D9S Drop Ceiling Clips for 9/16" Slot Ceiling	(Blank) Not Required 5W Standard 5 ft white power cord + 5ft aircraft cable 5B 5 ft black power cord + 5ft aircraft cable 12W 12 ft white power cord + 12ft aircraft cable 12B 12 ft black power cord + 12ft aircraft cable	(Blank) Not Required R Standard Round S Square	EM8 8W External Emergency Back-up Battery with Test Switch EM25 25W External Emergency Back-up Battery with Test Switch OS 1,2 Occupancy Sensor

1 Available for recessed and pendant mountings
2 Only for round canopy

AVAILABLE FINISHES

Standard


	White	RAL #9003
	Black	RAL #9004

Set up fee and longer lead time will be applied on non-standard finishes.

Metropolitan

	Silver	RAL #9022
	Asher Grey	RAL #7004
	Mason	RAL #7039
	Slate	RAL #7031
	Tech Grey	RAL #7016
	Chocolate Spice	RAL #8017
	Urban Native	RAL #8025
	Carmin	RAL #8028
	Reseda Green	RAL #6011

Vibrant

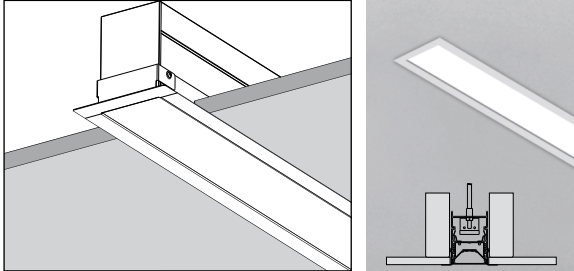
	Violet Dreams	RAL #4006
	Purple Red	RAL #3004
	Carmine Red	RAL #3002
	Rose	RAL #3017
	Pure Orange	RAL #2004
	Traffic Yellow	RAL #1023
	Daisy	RAL #1018
	Antique Spring	RAL #6019
	Island Skye	RAL #6027
	Sky Blue	RAL #5015



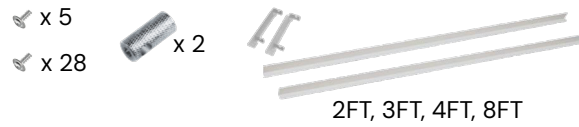
AVAILABLE MOUNTINGS

Recessed in Dry Ceiling

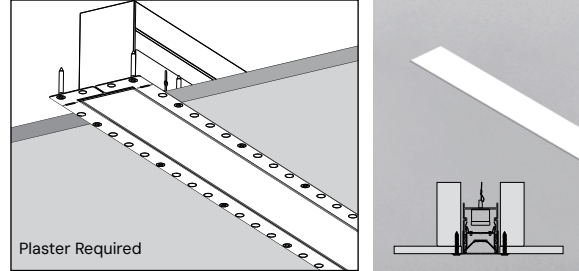
TRIM with Pendant Stem



Mounting Kits



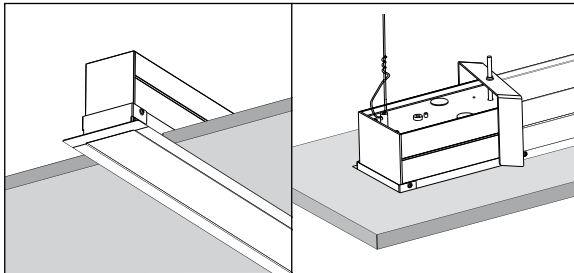
TRIMLESS



Mounting Kits



TRIM with Brackets

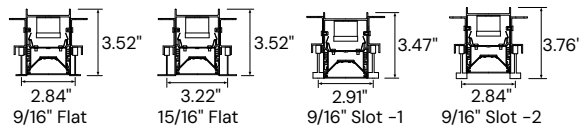
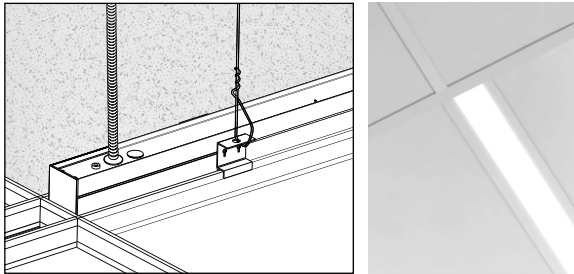


Mounting Kits



Recessed in Grid Ceiling

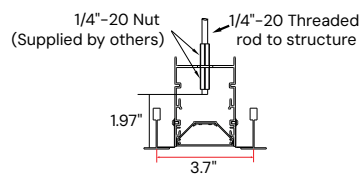
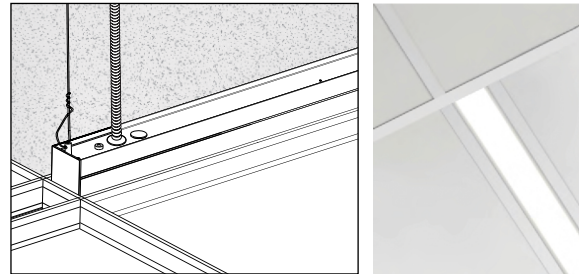
T-GRID HOOKS



Mounting Kits



FLANGED TRIM

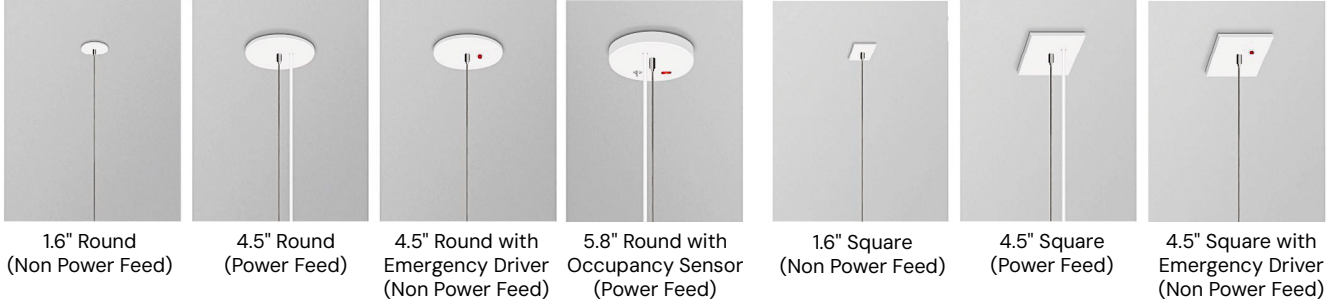


Mounting Kits



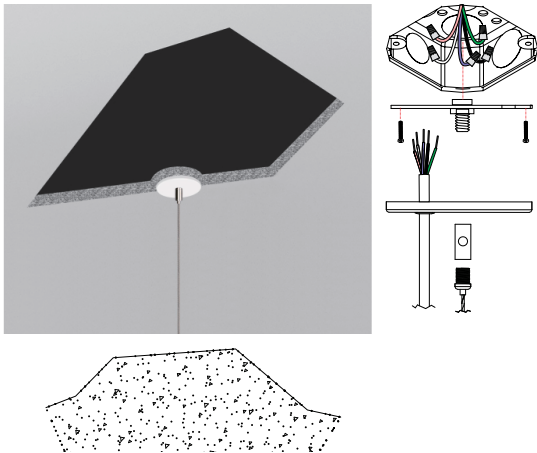
AVAILABLE MOUNTINGS

Pendant Canopy Style



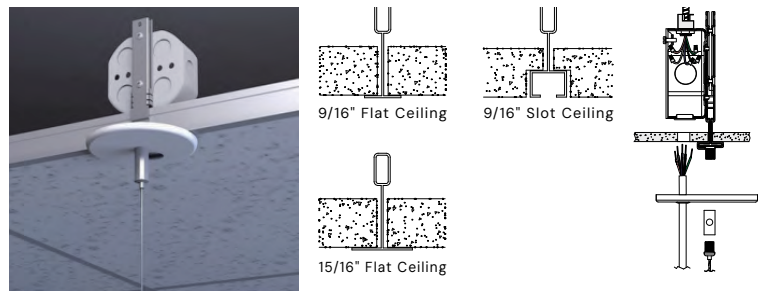
Dry Ceiling / Off Grid

"Various Hard Ceilings" (Mount to J-box)



Drop Ceiling / On Grid

Suspending the luminaire in the T-grid. Compatible for various T-grid, including 9/16" Flat, 9/16" Slot, 15/16" Flat.



Pendant Accessories For Dry Ceiling

Canopy Kits

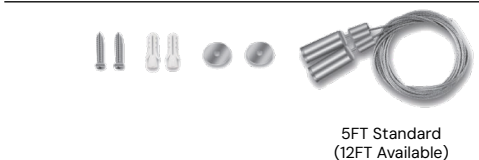


Power Cord Kits



5FT Standard
(12FT Available)

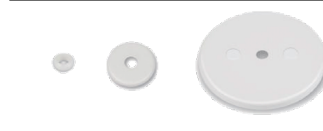
Aircraft Cable Kits



5FT Standard
(12FT Available)

Pendant Accessories For Drop Ceiling

Canopy Kits



Power Cord Kits



5FT Standard
(12FT Available)

Junction Box

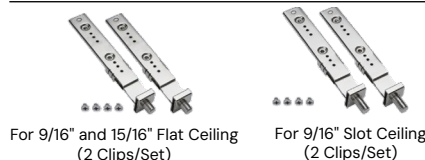


Aircraft Cable Kits



5FT Standard
(12FT Available)

T-grid Clips



For 9/16" and 15/16" Flat Ceiling
(2 Clips/Set)

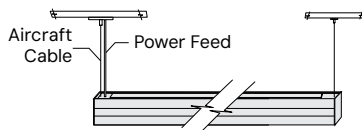
For 9/16" Slot Ceiling
(2 Clips/Set)

STANDARD LINE RUNS IN 120V

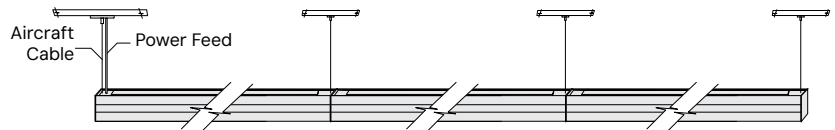
Luminaire Run Length (ft)	Run Configuration	Line Joiner	5' Power Cable	5' Aircraft Cable	Canopy
2	2'	-	1	2	2
4	4'	-	1	2	2
6	4'+2'	1	1	3	3
8	8'	-	1	2	2
10	8'+2'	1	1	3	3
12	8'+4'	1	1	3	3
14	8'+4'+2'	2	1	4	4
16	8'+8'	1	1	3	3
18	8'+8'+2'	2	1	4	4
20	8'+8'+4'	2	1	4	4
22	8'+8'+4'+2'	3	1	5	5
24	8'+8'+8'	2	1	4	4
26	8'+8'+8'+2'	3	1	5	5
28	8'+8'+8'+4'	3	1	5	5
30	8'+8'+8'+4'+2'	4	1	6	6
32	8'+8'+8'+8'	3	1	5	5
34	8'+8'+8'+8'+2'	4	1	6	6
36	8'+8'+8'+8'+4'	4	1	6	6
38	8'+8'+8'+8'+4'+2'	5	1	7	7
40	8'+8'+8'+8'+8'	4	1	6	6
42	8'+8'+8'+8'+8'+2'	5	2	7	7

Note: 4.5" canopy is designed for power cable

Individual



Continuous Run



120VAC: Connections up to 40ft.
277VAC: Connections up to 100ft.

AVAILABLE MOUNTINGS

Surface

Mounting Kits



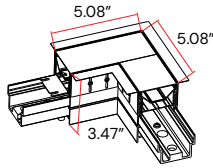
Wall

Mounting Kits

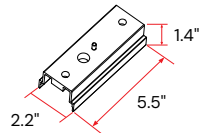


JOINER OPTIONS

Recessed

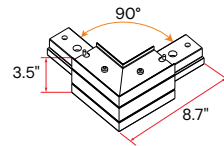


Illuminated "L" Joiner

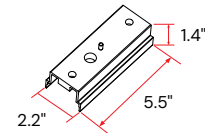


Line Joiner

Pendant

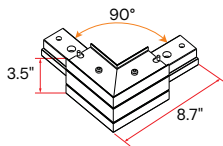


Illuminated "L" Joiner

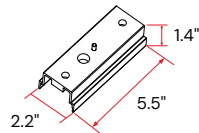


Line Joiner

Surface

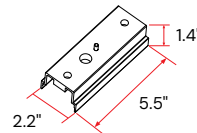


Illuminated "L" Joiner



Line Joiner

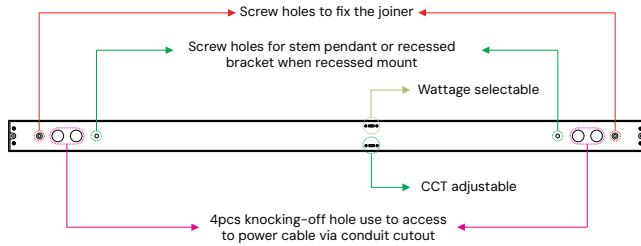
Wall



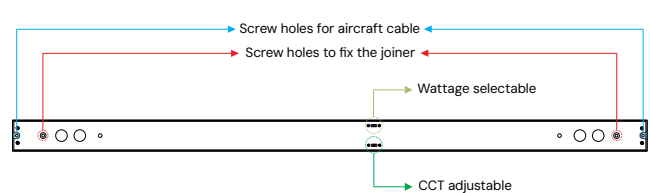
Line Joiner

MOUNTING LOCATION

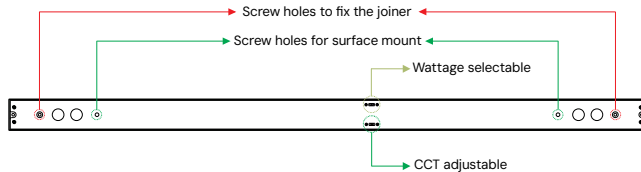
Recessed



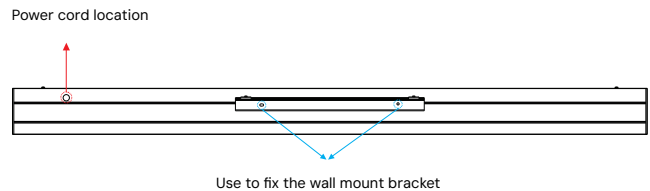
Pendant



Surface

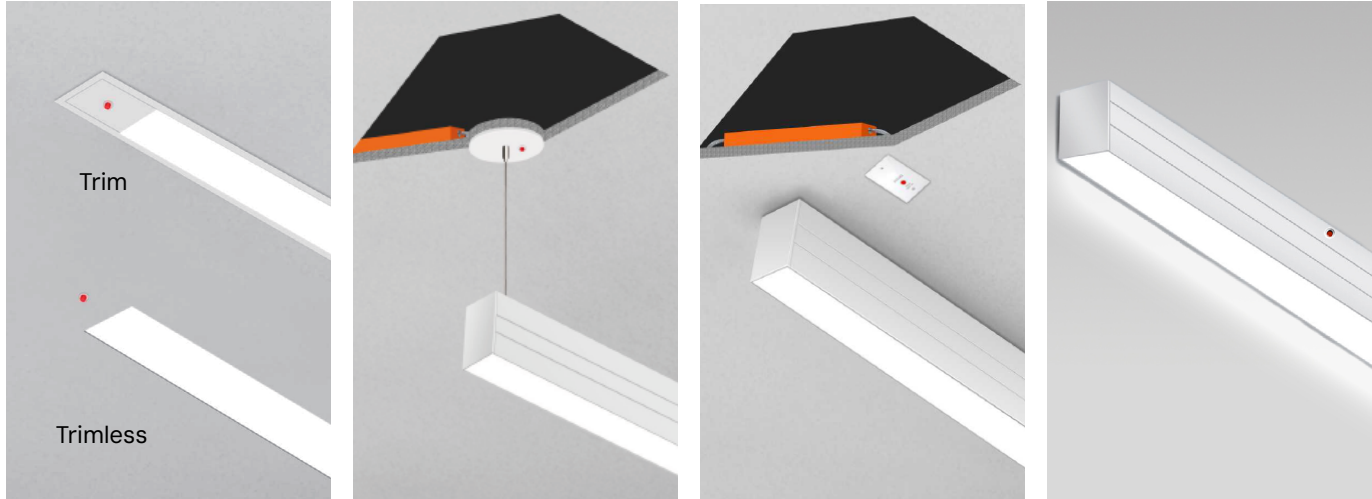


Wall

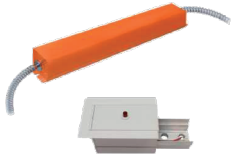


OPTIONAL FUNCTION

Emergency Option



All available mountings offer UL and CEC Listed LED emergency drivers. When AC power fails it, immediately switches to the emergency mode operating for lighting minimum 90 minutes. When AC power is restored it, automatically returns to the charging mode which meets critical life-safety lighting requirements.



Optional external emergency back-up battery

Choose between a high voltage 8W or 25W external emergency back-up battery to provide critical illumination when normal power fails for any reason, and it can save your labor cost with simple wiring.

Code-Required Testing

• Initial Self-Test After Installation

It will perform a functional test in 3 seconds after the driver installed to check the wiring and battery output when work. The indicator LED will be off or flicker in case of a failure or an error.

• Second Self-Test In 120 Minutes

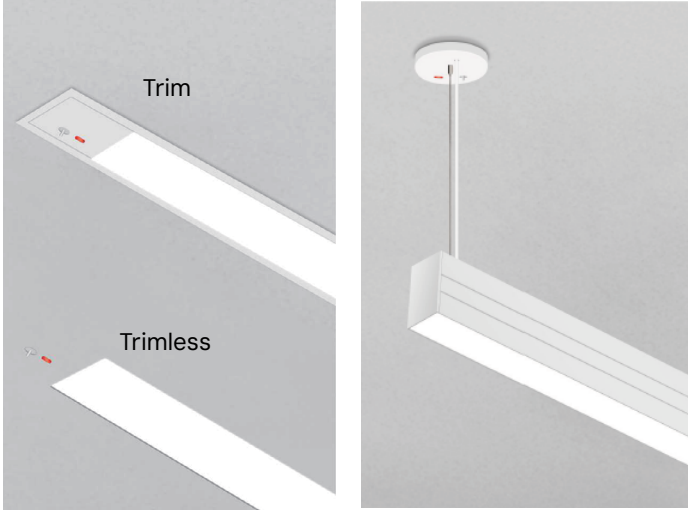
It will perform second test in 120 minutes to check again. Upgrade in Gen 3: Repeat 4 times in every 120 minutes if fail in the second test.

• Monthly Self-Test

It will automatically perform a test every 30 days with a duration of 3 seconds, in which the wiring and battery output are checked. In case of a failure or an error, the indicator LED will be off or flicker.

OPTIONAL FUNCTION

Occupancy Sensor

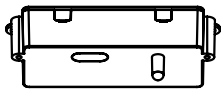


This internal microwave bi-level sensor system control is based on motion and/or daylight contribution with a harvest feature, detecting a 360° range for some areas that require a light change notice before switching off.



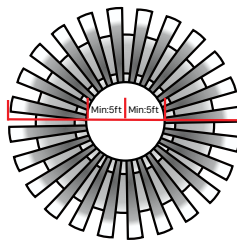
Specification

Power Supply	120/277 VAC 50/60Hz
Maximum load @-40°F~+158°F (-40°C~+70°C)	Resistive/ Tungsten-600W@120V Electronic Ballast (LED)-800VA@120V/1200VA@277V
HF System	5.8GHz CW
Dim Control Output	0-10V,max.25mA sinking current
Detection Radius/angle	Max 26ft.(8m)/360
Mounting Height	Max 12ft
Humidity	Max.95% RH
Temperature	-40°F~+158°F (-40°C~+70°C)



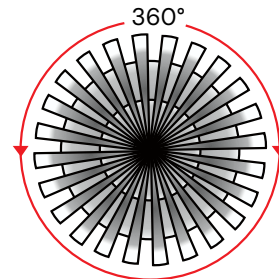
Height of installation 8~12ft

Max.:26ft



(Height of installation 8ft)
Detection Range

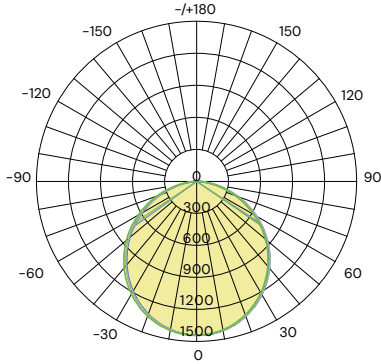
Max.:26ft



Detection Angle

PHOTOMETRY

4' / Flat Lens / 3500K



AVERAGE BEAM ANGLE (50%): 111.3°

Lumens: 4069.1 Lms
Watts: 39.05 W
LPW: 104.21 Lm/W
CCT: 3500K

- UNIT:cd
 — CO/180,110.8°
 — C30/210,111.1°
 — C60/240,111.6°
 — C90/270,111.7°

Zonal Flux Diagram

T	CO	C45	C90	C135	C180
10	1418	1421	1412	1398	1411
20	1340	1346	1331	1303	1327
30	1215	1225	1204	1164	1195
40	1049	1064	1038	988.4	1026
50	852.4	870.0	840.6	783.6	826.6
60	629.7	649.8	617.5	555.5	603.1
70	391.9	412.3	377.6	316.3	365.5
80	162.5	178.2	145.8	98.44	139.5
90	2.417	8.146	0.2768	0.4688	0.9405
100	0.5822	0.5917	0.6472	0.7610	0.6802
110	1.012	1.048	1.172	1.246	1.138
120	1.530	1.577	1.753	1.778	1.633
130	2.021	2.104	2.307	2.298	2.124
140	2.524	2.612	2.799	2.78	2.595
150	3.936	3.052	3.178	3.148	3.016
160	3.376	3.422	3.497	3.478	3.442
170	3.769	3.686	3.712	3.724	3.716
180	3.894	3.751	3.759	3.755	3.904
DEG	LUMINOUS INTENSITY:cd				

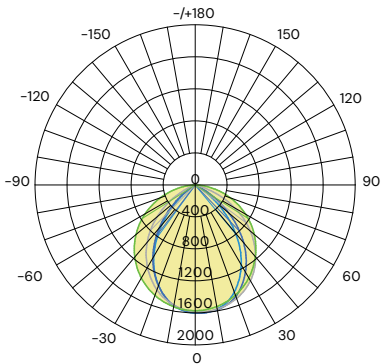
Zonal Lumens

T	φ total
0-10	136.4
10-20	526.2
20-30	1115
30-40	1822
40-50	2553
50-60	3211
60-70	3708
70-80	3986
80-90	4058
90-100	4059
100-110	4060
110-120	4061
120-130	4063
130-140	4064
140-150	4066
150-160	4068
160-170	4069
170-180	4069
UNIT: lm	

Luminance cd/(m2)

G(DEG)	CO/180	C90/270
85	10884	8777
80	13119	11617
75	14803	13683
70	16064	15274
65	16980	16310
60	17655	17084
55	18170	17649
50	18591	18090
45	18924	18435

4' / Regressed Lens / 3500K



AVERAGE BEAM ANGLE (50%): 92.7°

Lumens: 3185.1 Lms
Watts: 39.18 W
LPW: 81.30 Lm/W
CCT: 3500K

- UNIT:cd
 — CO/180,75.9°
 — C30/210,81.3°
 — C60/240,98.3°
 — C90/270,115.4°

Zonal Flux Diagram

T	CO	C45	C90	C135	C180
10	1583	1593	1552	1494	1546
20	1434	1513	1475	1304	1347
30	1163	1339	1349	1044	1044
40	790.0	1073	1178	714.1	652.8
50	382.2	734.4	972.0	357.8	253.6
60	60.93	354.3	733.4	66.49	9.481
70	3.607	50.38	472.8	3.429	1.964
80	1.129	3.391	209.4	1.111	0.5673
90	0.2172	0.8545	0.4901	0.1488	0.1127
100	0.1263	0.1488	0.6813	0.2888	0.1309
110	0.1532	0.3044	1.232	0.7484	0.2482
120	0.4461	0.7326	1.867	1.429	0.6274
130	1.000	1.326	2.485	2.185	1.259
140	1.740	2.047	2.990	2.888	2.048
150	2.579	2.800	3.400	3.436	2.864
160	3.454	3.432	3.725	3.853	3.604
170	4.080	3.887	3.937	4.115	4.176
180	4.329	4.088	3.973	4.031	4.324
DEG	LUMINOUS INTENSITY:cd				

Zonal Lumens

T	φ total
0-10	150.3
10-20	574.1
20-30	1189
30-40	1871
40-50	2474
50-60	2884
60-70	3092
70-80	3165
80-90	3176
90-100	3176
100-110	3177
110-120	3178
120-130	3179
130-140	3180
140-150	3182
150-160	3184
160-170	3185
170-180	3185
UNIT: lm	

Luminance cd/(m2)

G(DEG)	CO/180	C90/270
85	91	14627
80	90	16749
75	110	18232
70	146	19198
65	212	19878
60	1692	20373
55	4751	20732
50	8259	21002
45	11457	21208

COMPATIBLE DIMMERS

	ALCON LIGHTING	LUTRON	LEVITON®
0-10 V	2100 2101 2102	Diva DDTV	IP-710-DL

COLOR TEMPERATURE GUIDE

2700K	3000K	3500K	4000K	5000K
WARM WHITE	SOFT WHITE GLOW	NEUTRAL GLOW	COOL WHITE GLOW	DAYLIGHT GLOW
friendly personal intimate	soft warm pleasing	sociable inviting non-threatening	neat clean efficient	bright cool alert
HOMES LIBRARIES RESTAURANTS	HOMES HOTEL ROOMS LOBBIES RETAIL STORES	EXECUTIVE OFFICES RECEPTION AREAS SUPERMARKETS	OFFICES CLASSROOMS MASS MERCHANDISERS SHOWROOMS	GRAPHICS INDUSTRY HOSPITALS GALLERIES BEAUTY SALONS
X	✓	✓	✓	X