

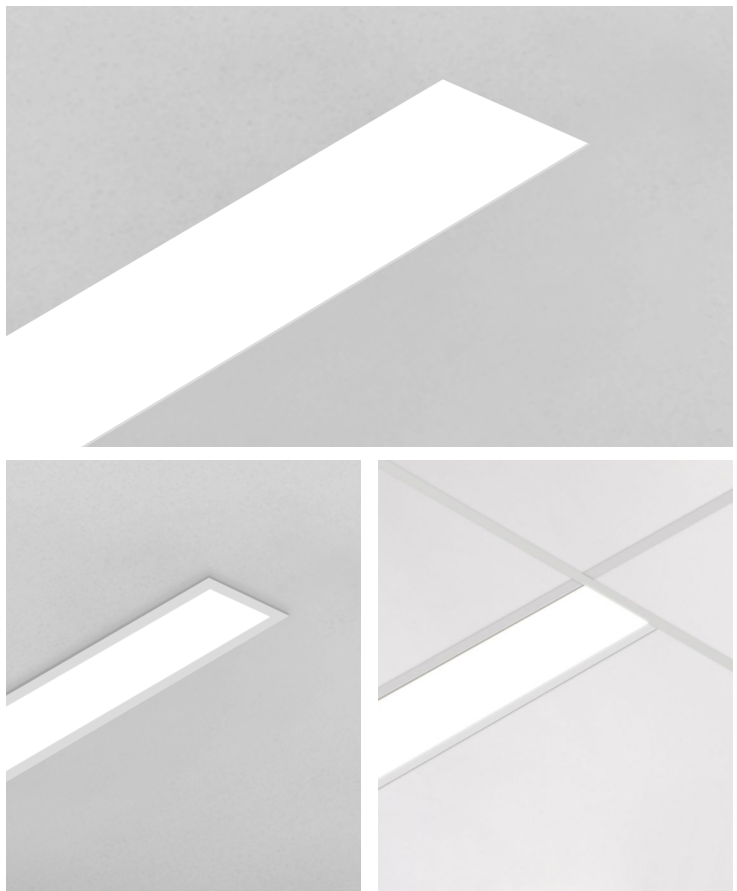
PROJECT

DATE

COMMENTS



IN STOCK



SUMMIT 38 R 3.8" ARCHITECTURAL LINEAR RECESSED LED

Summit 3.8 is a sleek, architectural linear LED luminaire that combines modern aesthetics with high-performance illumination. Summit 3.8 R is designed for recessed applications, delivering 100% direct distribution with a clean, minimalist aesthetic. Available in flanged and trimless options, it integrates seamlessly into a variety of ceiling types. Offered in 2', 3', 4', and 8' lengths—with the ability to connect for continuous runs up to 40'—Summit 3.8 R also supports geometric configurations using illuminated corners. With field-selectable wattage and color temperature, and a damp location rating, it provides outstanding versatility and on-site customization for modern spaces.

- Commercial Office
- Classrooms
- Civic & Transportation

PHYSICAL

Material	Extruded Aluminum
Mounting	Recessed
Optics	Diffuser, Regressed
Finish	Black, White

PERFORMANCE

Warranty	5 years
Certifications	Damp Location, cULus
Rated Life	50,000 hours
Operating Temperature	-4° to 104° F (-20°C to 40°C)
THD	<20%
CCT	Field Selectable: 3000K, 3500K, 4000K
CRI	80, 90
Distribution	Direct

ELECTRICAL

Wattage	Field Selectable: 10/15/20W, 15/23/30W, 20/30/40W, 40/60/80W
Voltage	110-277V
Power Factor	>0.9
LED Driver	Class 2 High Efficiency
Dimming	0-10V to 1% 1-10V to 10%

ENERGY CHART — 100% DIRECT

LENS	SIZE	DELIVERED LUMENS (100% Direct)	WATTAGE	EFFICACY
Diffuser	2	1100 / 1650 / 2200	10W / 15W / 20W	110
	3	1650 / 2530 / 3300	15W / 23W / 30W	110
	4	2200 / 3300 / 4400	20W / 30W / 40W	110
	8	4400 / 6600 / 8800	40W / 60W / 80W	110
Regressed	2	900 / 1350 / 1800	10W / 15W / 20W	90
	3	1350 / 2070 / 2700	15W / 23W / 30W	90
	4	1800 / 2700 / 3600	20W / 30W / 40W	90
	8	3600 / 5400 / 7200	40W / 60W / 80W	90



ORDERING LOGIC

EX: SUMMIT-38-R-2-FS2-UNV-FS-80-D10-DF-D-BK-FL

FAMILY	SIZE	MOUNTING	LENGTH	WATTAGE	VOLTAGE	CCT	CRI	DIMMING
SUMMIT	38	R			UNV	FS		
38	3.8"	R	Recessed	2 2' FS2 Field Selectable 10W / 15W / 20W	UNV 110-277V	FS Field Selectable 3000K / 3500K / 4000K	80 80 CRI	D10 Dim to 10%
				3 3' FS3 Field Selectable 15W / 23W / 30W			90* 90 CRI	D01 Dim to 1%
				4 4' FS4 Field Selectable 20W / 30W / 40W				
				8 8' FS8 Field Selectable 40W / 60W / 80W				
LENS TYPE		DISTRIBUTION		FINISH		TRIM		
		D						
DF	Diffuser	D	100% Direct	BK	Black	FLD	Flanged Trim - Drywall	
RL	Regressed Lens			WH	White	FLG	Flanged Trim - T-Grid 15/16 FLAT, 9/16 FLAT, & 9/16 SLOT	
						TLD	Trimless - Drywall	
						TLG	Trimless - T-Grid 15/16 FLAT, 9/16 FLAT, & 9/16 SLOT	

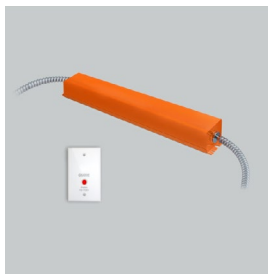
ORDERING NOTES
* Made To Order (6-8 Week Lead Time for 90 CRI)

ACCESSORIES ORDERING LOGIC (ORDER SEPARATELY)

EX: SUMMIT-38-EM8-E

FAMILY	ACCESSORIES		ORDERING NOTES
SUMMIT-38			* Made To Order (14-16 Week Lead Time for accessories)
EM8-E	8W External Emergency Battery WALL/CEILING PLATE INDICATOR (4' & 8' SECTIONS ONLY)	OS-R*	Occupancy Sensor INTEGRAL RECESSED MODULE
EM25-E	25W External Emergency Battery WALL/CEILING PLATE INDICATOR (20' MAXIMUM RUN)	SJ	Straight Line Joiner
EM8-ER*	8W External Emergency Battery RECESSED JOINER INDICATOR MODULE (6' MAXIMUM RUN)	LJ	Lit Corner Joiner
EM25-ER*	25W External Emergency Battery RECESSED JOINER INDICATOR MODULE (20' MAXIMUM RUN)	40RL-DF	Seamless Diffuser, 40' Roll FOR CONTINUOUS RUNS
		40RL-RL	Seamless Regressed Lens, 40' Roll FOR CONTINUOUS RUNS

ACCESSORIES



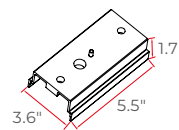
EM8-E/EM25-E
8W or 25W External
Emergency Battery
(Wall/Ceiling Plate Indicator)



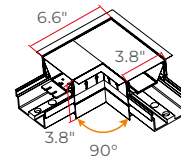
EM8-ER/EM25-ER
8W or 25W External
Emergency Battery
(Recessed Joiner
Indicator Module)



OS-R
Occupancy Sensor
(Integral Recessed Module)



SJ
Straight Line Joiner



LJ
Lit Corner Joiner



40RL-DF & 40RL-RL
Seamless 40' Roll





SPECIFICATIONS

DISTRIBUTION

100% direct distribution

CONSTRUCTION

Extruded aluminum housing

FINISH

Powder coat white or black finish

ELECTRICAL

LED Driver: Class 2 high efficiency LED driver with 0-10V to 1% or 1-10V to 10% that works with many types of controls. Compatible with the following types of controls:

- Leviton IP710-DL
- Lutron Diva-Dvtv

THD: <20%

Power Factor: >0.9

Input Voltage: 110-277V

MOUNTING

Recessed

LED SYSTEM

CRI: Minimum 80 color rendering index.

CCT: Field selectable CCT by dip switch 3000K, 3500K, and 4000K.

LED: Rated life is 50,000 hours with 87.8% of lumen maintenance in 25°C ambient temperature, in compliance with IES LM-80 testing measurements.

APPROVALS

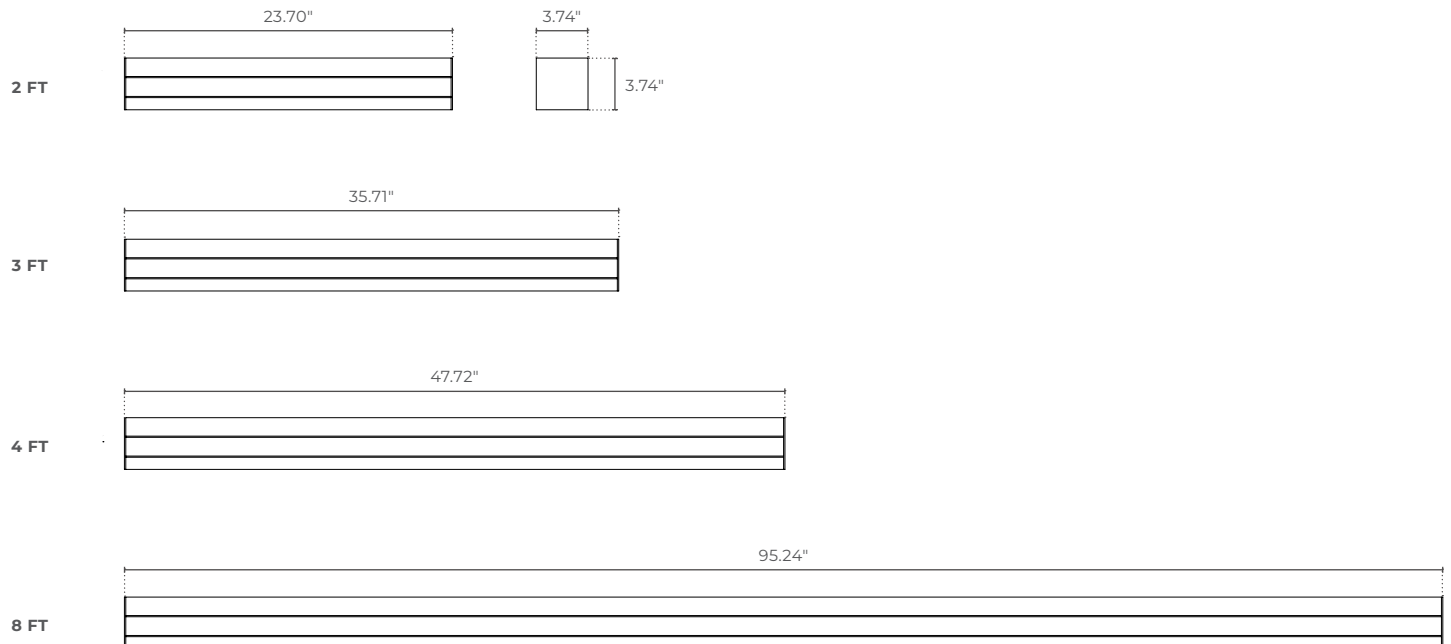
- cULus listed for damp locations
- 5 years limited warranty

OPTIONAL FUNCTION

Emergency Option: Optional 110-277V emergency LED driver for lighting up to 120 minutes in event of power failure, meets critical life-safety lighting requirements.

Field selectable wattage by dip switch adjusts wattage to 100%, 75%, and 50%.

DIMENSIONS



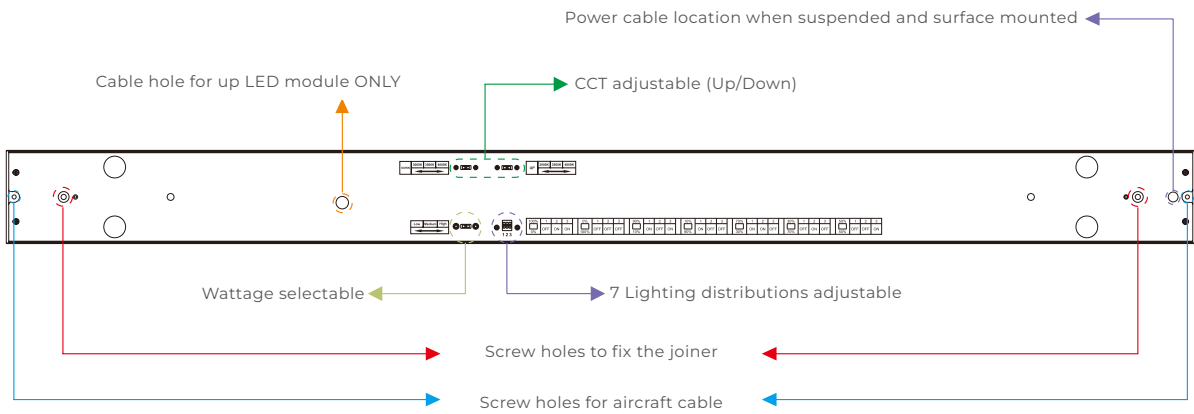


CONTINUOUS RUNS

STANDARD LINE RUNS IN 120V

LUMINAIRE RUN LENGTH feet	RUN CONFIGURATION	LINE JOINER
2	2'	-
4	4'	-
6	4'+2'	1
8	8'	-
10	8'+2'	1
12	8'+4'	1
14	8'+4'+2'	2
16	8'+8'	1
18	8'+8'+2'	2
20	8'+8'+4'	2
22	8'+8'+4'+2'	3
24	8'+8'+8'	2
26	8'+8'+8'+2'	3
28	8'+8'+8'+4'	3
30	8'+8'+8'+4'+2'	4
32	8'+8'+8'+8'	3
34	8'+8'+8'+8'+2'	4
36	8'+8'+8'+8'+4'	4
38	8'+8'+8'+8'+4'+2'	5
40	8'+8'+8'+8'+8'	4

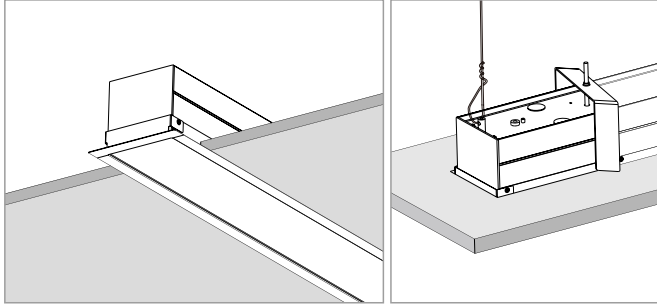
MOUNTING LOCATION





MOUNTING

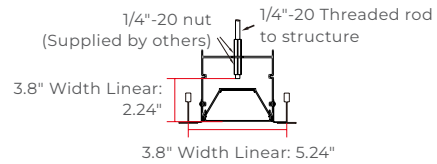
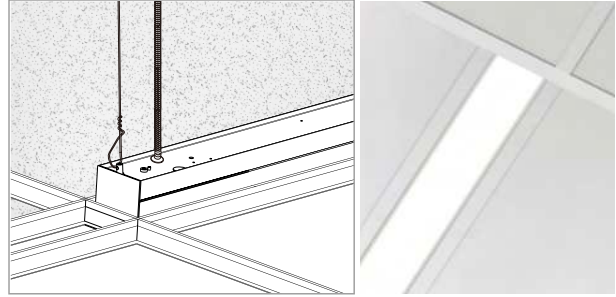
FLD Flanged Trim - Drywall



MOUNTING KIT



FLG Flanged Trim - T-Grid

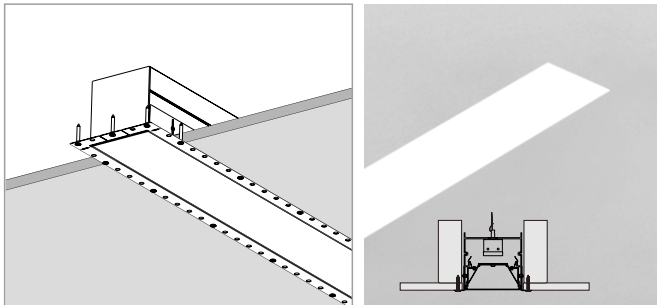


MOUNTING KIT



TLD Trimless - Drywall

Flange Kit - Mud-in

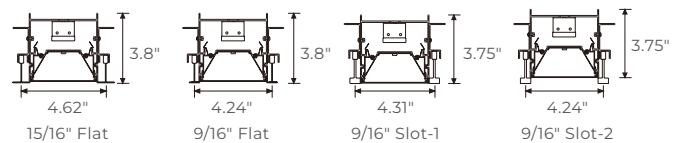
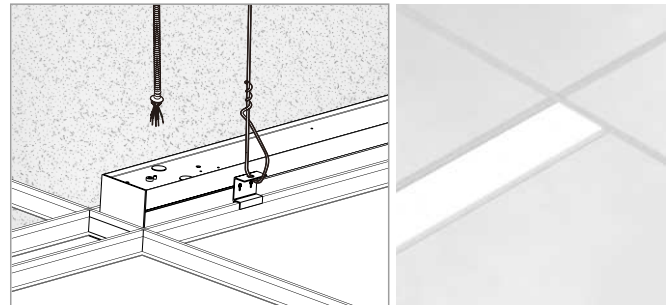


MOUNTING KIT

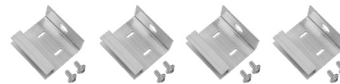


TLG Trimless - T-Grid (15/16 Flat, 9/16 Flat, & 9/16 Slot)

Clip to T-Grid



MOUNTING KIT



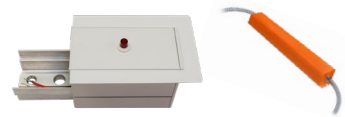
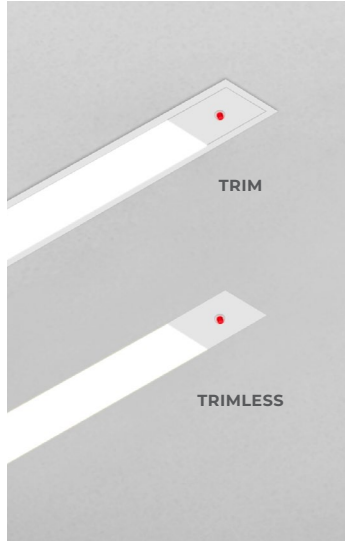
ATTENTION: If doing seamless continuous runs in the standard or existing T-Grid ceiling, there will be a gap between the End of fixture and the T-Grid, and the gap should be filled with gypsum ceiling board.





EMERGENCY OPTION

Ascent Architectural Lighting offers UL & CEC Listed LED emergency drivers. They could be factory installed or field installed. 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.



EM8-ER/EM25-ER

8W or 25W External Emergency Battery (Recessed Joiner Indicated Module)

Optional 8w or 25w high voltage LED emergency driver can be provided if you need and do it wiring in field. For more info or spec sheet please visit our contact sales.

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.

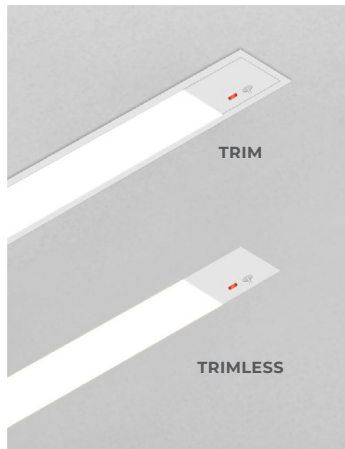
Second Self-Test In 120 Minutes

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.

OCCUPANCY SENSOR



OS-R

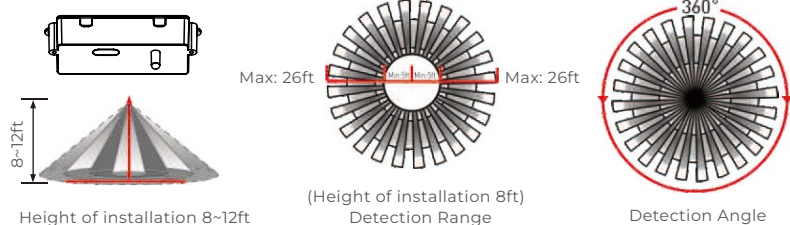
Integral Occupancy Sensor

Factory-installed integrated sensor system for multi-level control based on motion and/or daylight contribution with BRI810-B-D level & daylight harvest microwave sensor from SHARKWARD. For more info or spec sheet , please contact sales.

SPECIFICATION

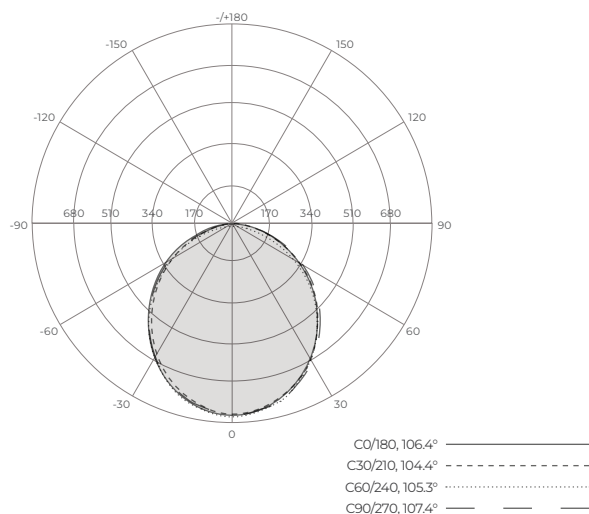
Power Supply	120/277 VAC 50/60Hz
Maximum load @ -40°F~+158°F (-40°C~+70°C)	Resistive/ Tungsten-600W@120V Electronic Ballast(LED)-800VA@120V/1200VA@277V
HF System	5.8GHz CW
Dim Control Output	0-10V, max. 25mA sinking current
Detection Radius/angle	Max 26ft.(8m)/360
Mounting Height	Max 12ft
Humidity	Max.95%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

SENSOR COVERAGE



PHOTOMETRICS - 2' - Diffuser Lens - 4000K - 100% Direct Distribution

AVERAGE BEAM ANGLE (50%): 105.9°



Luminance cd/(m2)

G(DEG)	C0/180	C90/270
85	5516	9701
80	7641	9628
75	9107	9653
70	10216	10708
65	10953	11421
60	11517	11982
55	11960	12318
50	12328	12664
45	12660	13032

ZONAL FLUX DIAGRAM

T	C0	C45	C90	C135	C180
5°	817.3	811.1	809.9	810.9	817.0
10°	803.4	795.8	798.0	795.8	802.6
15°	780.5	776.0	786.0	776.1	779.3
20°	749.5	752.5	750.5	753.2	748.0
25°	711.4	711.7	715.1	713.2	709.7
30°	667.7	666.3	679.6	668.9	665.3
35°	619.1	619.8	628.1	623.7	616.2
40°	566.4	570.5	576.7	576.3	563.1
45°	510.3	510.1	525.2	518.2	506.9
50°	451.7	450.2	464.0	459.1	447.9
55°	391.0	390.7	402.7	397.3	386.9
60°	328.2	322.2	341.5	323.9	324.0
65°	263.8	255.2	275.1	253.3	257.6
70°	199.2	189.0	208.8	188.9	193.0
75°	134.4	124.2	142.4	130.8	129.7
80°	75.63	65.54	95.30	78.27	71.26
85°	27.40	33.35	48.19	41.33	23.78
90°	0.8496	2.096	1.089	5.570	2.628
95°	3.072	2.046	1.129	3.500	0.2474
100°	3.296	1.989	1.169	1.466	0.2848
105°	3.440	1.985	1.210	1.233	0.3920
110°	3.427	1.974	1.301	1.285	0.5227
115°	3.347	2.028	1.393	1.308	0.6628
120°	3.062	2.164	1.484	1.312	0.8120
125°	356.5	225.4	134.4	221.7	357.3
130°	2.071	2.393	1.699	1.659	1.083
135°	1.419	2.347	1.807	1.962	1.204
140°	1.429	2.165	1.844	2.292	1.340
145°	1.527	2.093	1.881	2.470	1.452
150°	1.611	2.074	1.919	2.365	1.550
155°	1.695	1.961	1.922	2.271	1.648
160°	1.755	1.888	1.925	2.084	1.727
165°	1.816	1.895	1.928	1.926	1.802
170°	1.825	1.887	1.906	1.891	1.867
175°	1.863	1.875	1.884	1.878	1.956
180°	1.863	1.863	1.863	1.863	1.956
DEG	LUMINOUS INTENSITY: cd				

**ZONAL LUMEN
SUMMARY**

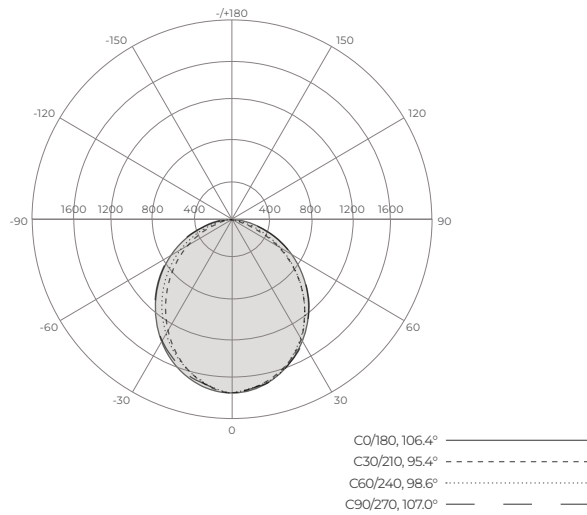
T	Φ TOTAL
0-5	19.49
5-10	76.95
10-15	170.2
15-20	295.7
20-25	448.1
25-30	621.9
30-35	811.1
35-40	1008
40-45	1028
45-50	1402
50-55	1585
55-60	1750
60-65	1892
65-70	2006
70-75	2089
75-80	2143
80-85	2173
85-90	2184
90-95	2185
95-100	2186
100-105	2186
105-110	2187
110-115	2187
115-120	2188
120-125	2189
125-130	2189
130-135	2190
135-149	2191
140-145	2191
145-150	2192
150-155	2192
155-160	2193
160-165	2193
165-170	2193
170-175	2193
175-180	2193
UNIT: lm	





PHOTOMETRICS - 4' - Diffuser Lens - 4000K - 100% Direct Distribution

AVERAGE BEAM ANGLE (50%): 101.8°



Luminance cd/(m2)

G(DEG)	C0/180	C90/270
85	6701	10147
80	8688	9980
75	10052	9975
70	11029	11089
65	11724	11840
60	12254	12430
55	12681	12815
50	13038	13202
45	13358	13607

ZONAL FLUX DIAGRAM

T	C0	C45	C90	C135	C180
5°	1722	1709	1706	1706	1717
10°	1695	1677	1682	1675	1684
15°	1649	1636	1658	1635	1633
20°	1585	1586	1584	1590	1565
25°	1506	1493	1510	1512	1484
30°	1416	1387	1436	1427	1389
35°	1314	1275	1326	1342	1285
40°	1203	1156	1216	1249	1173
45°	1086	1014	1106	1091	1054
50°	963.8	871.8	975.9	918.6	929.4
55°	836.5	728.6	845.3	758.1	800.3
60°	704.6	572.0	714.7	619.5	667.5
65°	569.8	418.6	575.4	499.1	532.1
70°	433.8	276.3	436.2	396.8	395.5
75°	299.2	151.4	296.9	306.5	259.8
80°	173.5	46.97	199.3	221.0	138.4
85°	67.17	24.98	101.7	141.2	42.14
90°	4.654	5.485	4.104	62.49	68.39
95°	1.536	5.339	4.131	35.95	0.5650
100°	1.517	5.168	4.158	9.947	0.6159
105°	1.447	4.856	4.186	6.647	0.8541
110°	1.527	4.510	4.608	7.029	1.120
115°	1.756	4.298	5.031	6.921	1.423
120°	2.026	4.097	5.454	6.481	1.648
125°	2.316	3.844	5.632	6.146	1.937
130°	2.260	3.626	5.810	5.352	2.180
135°	2.578	3.737	5.988	4.750	2.455
140°	2.914	4.015	5.998	4.398	2.693
145°	3.184	4.449	6.008	4.322	2.908
150°	3.413	4.788	6.017	4.397	3.132
155°	3.684	4.857	5.831	4.608	3.342
160°	3.880	5.161	5.644	4.747	3.501
165°	4.043	5.122	5.458	4.799	3.655
170°	4.201	4.855	5.089	4.749	3.763
175°	4.272	4.593	4.720	4.531	3.879
180°	4.351	4.351	4.351	4.351	3.912

DEG LUMINOUS INTENSITY: cd

ZONAL LUMEN
SUMMARY

T	Φ TOTAL
0-5	40.97
5-10	161.6
10-15	357.0
15-20	619.7
20-25	938.7
25-30	1303
30-35	1698
35-40	2111
40-45	2527
45-50	2930
50-55	3305
55-60	3641
60-65	3927
65-70	4157
70-75	4328
75-80	4445
80-85	4520
85-90	4561
90-95	4577
95-100	4583
100-105	4585
105-110	4587
110-115	4588
115-120	4590
120-125	4591
125-130	4593
130-135	4594
135-149	4595
140-145	4596
145-150	4599
150-155	4993
155-160	4599
160-165	4600
165-170	4601
170-175	4601
175-180	4601

UNIT: lm

