



ASCENT

ARCHITECTURAL LIGHTING

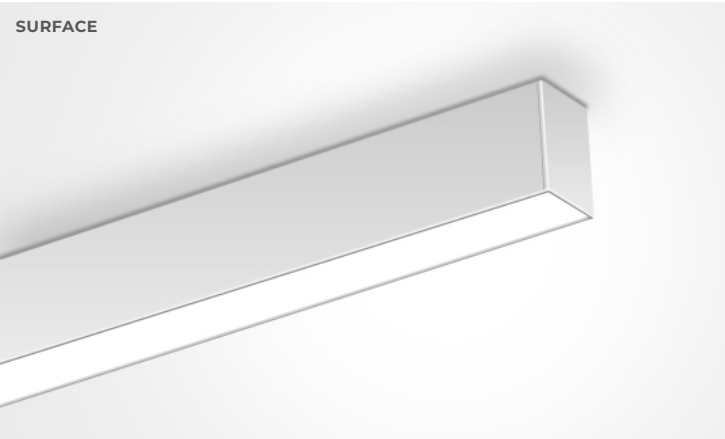
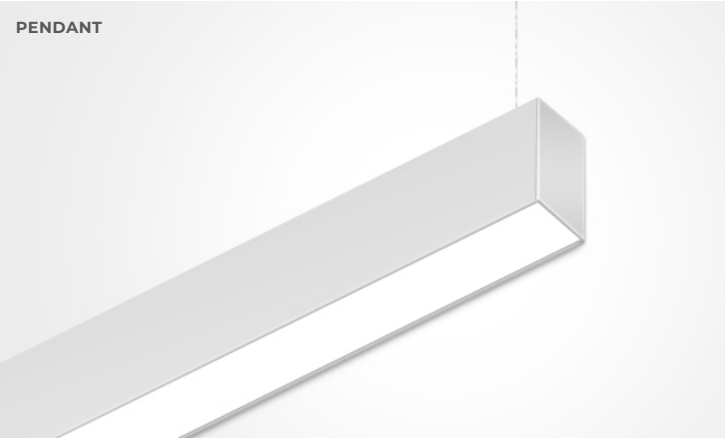
PROJECT

DATE

COMMENTS



IN STOCK



PENDANT MOUNT ENERGY CHART				
WIDTH	LENGTH	WATTAGE	DELIVERED LUMENS 3500K	EFFICACY
1.8	2	10W / 15W / 20W	1000 / 1500 / 2000	100
	4	20W / 30W / 40W	2000 / 3000 / 4000	100
	8	40W / 60W / 80W	4000 / 6000 / 8000	100

SUMMIT 18 ARCHITECTURAL LINEAR LED

Summit is a sleek, streamlined architectural linear LED luminaire combining modern aesthetics with exceptional lighting quality. Summit 18 has a 1.8" wide profile that can be pendant or surface mounted in a black or white finish. Summit 18 can adapt to any application with 2ft, 4ft, or 8ft lengths that are equipped with field selectable CCT and field selectable wattage. Summit 18 includes a field selectable distribution that offers two optical options, 100% Direct or 25% Indirect/75% Direct, which are toggled via a dip switch on top of the fixture..

- Commercial Office
- Classrooms
- Civic & Transportation

PHYSICAL

Material	Extruded Aluminum
Mounting	Pendant, Surface, WALL
Optics	Diffuser
Finish	Black, White

PERFORMANCE

Warranty	5 years
Certifications	Damp Location, cULus
Rated Life	50,000 hours
THD	<20%
CCT	Field Selectable: 3000K/3500K/4000K
CRI	80+
Distribution	Field Selectable: 100% Direct, 25% Indirect/75% Direct

ELECTRICAL

Wattage	Field Selectable: 10W, 15W, 20W, 30W, 40W, 60W, 80W
Voltage	100-277V
Power Factor	>0.9
LED Driver	Class 2 High Efficiency
Dimming	1-10V

SURFACE & WALL MOUNT ENERGY CHART				
WIDTH	LENGTH	WATTAGE	DELIVERED LUMENS 3500K	EFFICACY
1.8	2	10W / 15W / 20W	1000 / 1500 / 2000	100
	4	20W / 30W / 40W	2000 / 3000 / 4000	100
	8	40W / 60W / 80W	4000 / 6000 / 8000	100



PENDANT MOUNT ORDERING LOGIC

EX: SUMMIT-18-P-2-FS2-UNV-FS-DF-FS2-BK-F

FAMILY	SIZE	MOUNTING	LENGTH	WATTAGE	VOLTAGE	CCT	OPTIC
SUMMIT	18	P			UNV	FS	DF
	18 1.8"	P Pendant	2 2'	FS2 Field Selectable 10W / 15W / 20W	UNV 110-277V	FS Field Selectable 3000K / 3500K / 4000K	DF Diffuser
			4 4'	FS4 Field Selectable 20W / 30W / 40W			
			8 8'	FS8 Field Selectable 40W / 60W / 80W			
DISTRIBUTION		FINISH	CEILING TYPE				
FS2							
FS2 Field Selectable 100% DIRECT, 25% INDIRECT/75% DIRECT		BK Black	F 9/16" or 15/16" Flat				
		WH White	S 9/16" Slot				
			D Drywall				

SURFACE MOUNT ORDERING LOGIC

EX: SUMMIT-18-P-2-FS2-UNV-FS-DF-FS2-BK-F

FAMILY	SIZE	MOUNTING	LENGTH	WATTAGE	VOLTAGE	CCT	OPTIC
SUMMIT	18	S			UNV	FS	DF
	18 1.8"	S Surface	2 2'	FS2 Field Selectable 10W / 15W / 20W	UNV 110-277V	FS Field Selectable 3000K / 3500K / 4000K	DF Diffuser
			4 4'	FS4 Field Selectable 20W / 30W / 40W			
			8 8'	FS8 Field Selectable 40W / 60W / 80W			
DISTRIBUTION		FINISH	CEILING TYPE				
FS2							
FS2 Field Selectable 100% DIRECT, 25% INDIRECT/75% DIRECT		BK Black	F 9/16" or 15/16" Flat				
		WH White	S 9/16" Slot				
			D Drywall				

WALL MOUNT ORDERING LOGIC

EX: SUMMIT-18-W-2-FS2-UNV-FS-DF-FS2-BK

FAMILY	SIZE	MOUNTING	LENGTH	WATTAGE	VOLTAGE	CCT	OPTIC	DISTRIBUTION	FINISH
SUMMIT	18	W			UNV	FS	DF	FS2	
	18 1.8"	W Wall	2 2'	FS2 Field Selectable 10W / 15W / 20W	UNV 110-277V	FS Field Selectable 3000K / 3500K / 4000K	DF Diffuser	FS2 Field Selectable 100% DIRECT OR 25% INDIRECT/75% DIRECT	BK Black
			4 4'	FS4 Field Selectable 20W / 30W / 40W					WH White
			8 8'	FS8 Field Selectable 40W / 60W / 80W					

ACCESSORIES (ORDER SEPARATELY)

EX: SUMMIT-18-P-EM

FAMILY	MOUNTING	ACCESSORIES
SUMMIT-18		
	P Pendant	EM 8W Emergency Battery
	S Surface	
	W Wall	



ASCENT

ARCHITECTURAL LIGHTING

SUMMIT 18 ARCHITECTURAL LINEAR LED

SPECIFICATIONS

OPTICS

Diffuser lens: 100% direct distribution

CONSTRUCTION

Extruded aluminum housing

FINISH

Powder coat white or black finish

ELECTRICAL

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

- Leviton IP710-DL
- Leviton IP710-LF
- Lutron PowPak 0-10V Dimming
- Lutron Diva-Dvtv
- Hubbell NX Distributed Room Control
- Cooper Greengate Room Controller
- nLight nPP16D
- Wattstopper DLM

THD: <20%

Power Factor: >0.9

Input Voltage: 100-277V

MOUNTING

- Pendant, surface, or wall mount

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

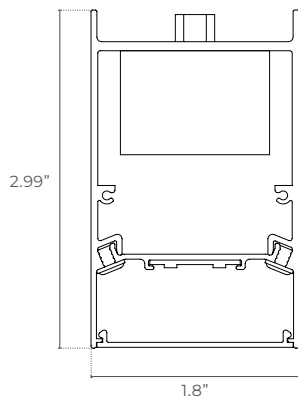
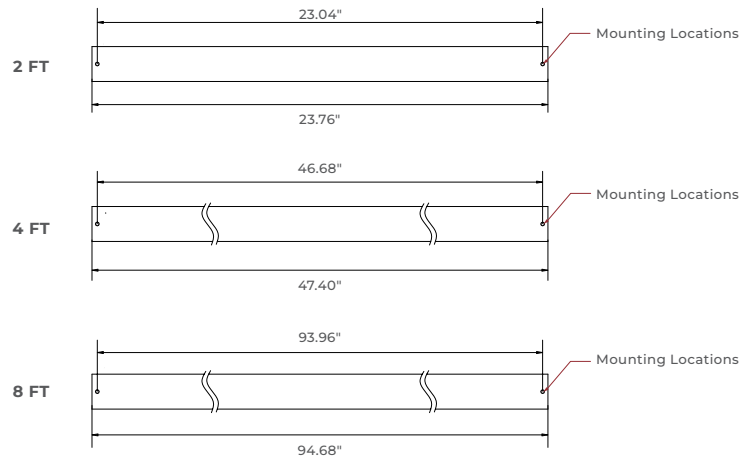
- cULus listed for damp locations
- 5 years limited warranty

OPTIONAL FUNCTION

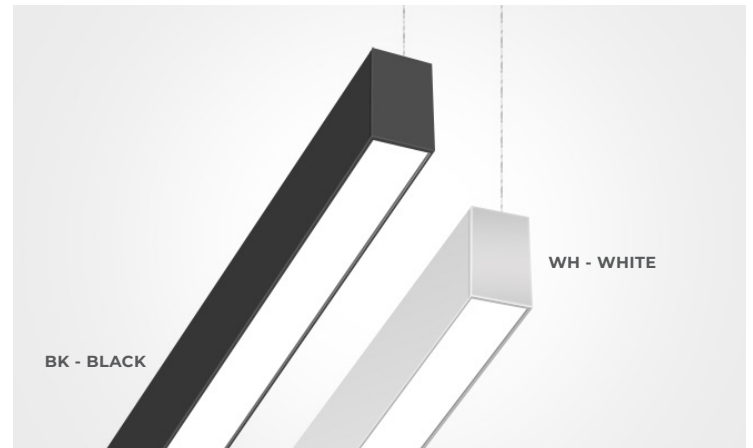
Emergency Option: Optional 100-277V emergency LED driver for lighting up to 120 minutes in event of power failure, meets critical life-safety lighting requirements.

Wattage Adjustable Option: Available to adjust wattage to 100%, 75% and 50 % by dip switch.

DIMENSIONS



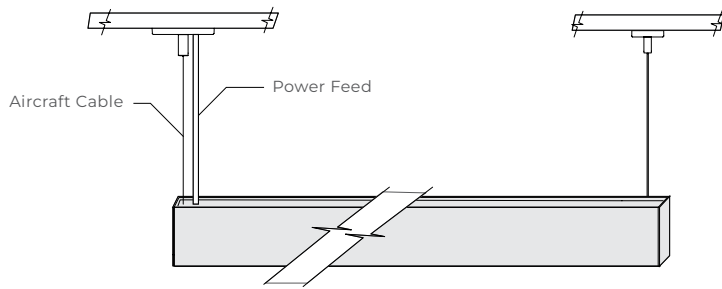
FINISH OPTIONS



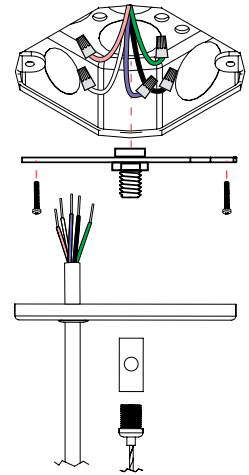
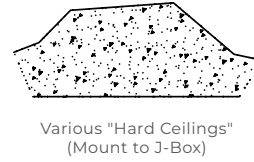


MOUNTING

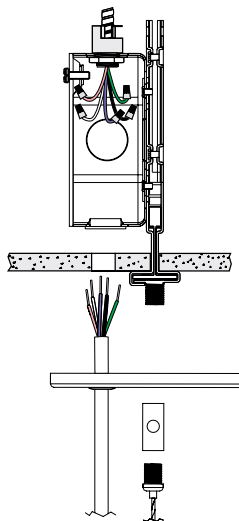
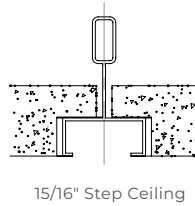
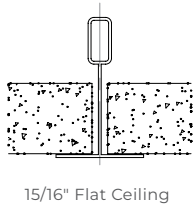
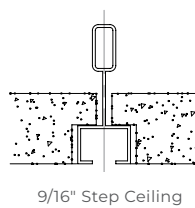
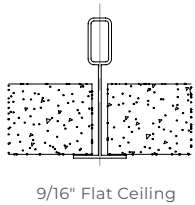
INDIVIDUAL



DRYWALL CEILING / OFF GRID



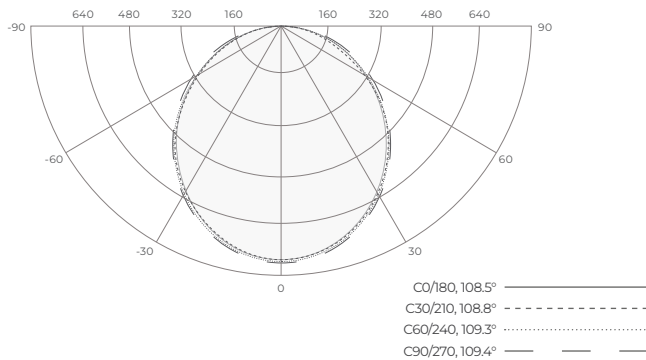
DROP CEILING / ON GRID





PHOTOMETRICS - 1.8"-2'-20W-3500K

AVERAGE BEAM ANGLE (50%): 109.0°



LUMINANCE cd/(m2)

G(DEG)	C0/180	C90/270
85	10520	9762
80	14927	14821
75	17681	17948
70	19759	19980
65	21091	21333
60	22077	22459
55	22866	23212
50	23513	23832
45	24062	24363

ZONAL FLUX DIAGRAM

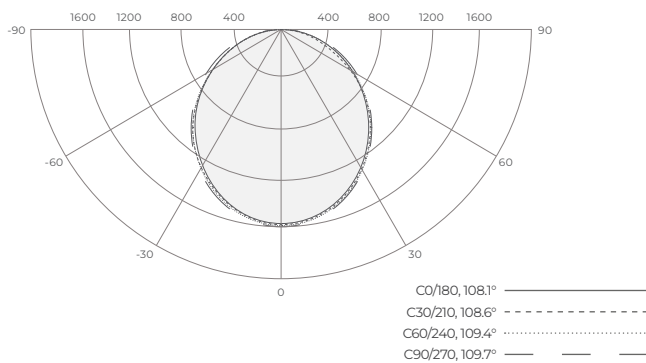
T	C0	C45	C90	C135	C180
10	739.5	740.0	740.4	740.3	740.8
20	692.3	693.4	694.2	693.9	694.8
30	619.7	622.1	623.3	622.5	623.5
40	527.6	530.8	533.0	531.8	532.3
50	423.2	426.7	428.9	427.3	428.1
60	309.1	312.4	314.4	313.0	314.8
70	189.2	191.3	191.3	191.4	193.9
80	72.58	73.20	72.06	72.77	77.06
90	1.497	1.349	0.1848	1.430	2.611
100	0.4056	0.3856	0.3520	0.3720	0.3790
110	0.6354	0.6424	0.6225	0.6065	0.6045
120	0.9014	0.9265	0.9156	0.8837	0.8751
130	1.163	1.204	1.209	1.159	1.132
140	1.420	1.463	1.475	1.425	1.398
150	1.646	1.682	1.687	1.650	1.628
160	1.876	1.883	1.881	1.865	1.831
170	2.047	2.011	2.011	2.002	2.002
180	2.074	2.043	2.034	2.047	2.074
DEG	LUMINOUS INTENSITY: cd				

ZONAL LUMENS

T	φ TOTAL
0-10	71.48
10-20	274.9
20-30	580.0
30-40	943.0
40-50	1315
50-60	1648
60-70	1899
70-80	2039
80-90	2072
90-100	2072
100-110	2073
110-120	2073
120-130	2074
130-140	2075
140-150	2076
150-160	2077
160-170	2078
170-180	2078
UNIT: lm	

PHOTOMETRICS - 1.8"-4'-40W-3500K

AVERAGE BEAM ANGLE (50%): 108.9°



LUMINANCE cd/(m2)

G(DEG)	C0/180	C90/270
85	9921	9804
80	14927	15104
75	18028	18499
70	20128	20653
65	21570	22064
60	22589	23072
55	23450	23860
50	24130	24496
45	24697	25038

ZONAL FLUX DIAGRAM

T	C0	C45	C90	C135	C180
10	1520	1522	1520	1517	1521
20	1423	1427	1425	1419	1425
30	1273	1282	1280	1270	1276
40	1084	1096	1095	1083	1087
50	868.6	882.1	881.8	867.5	872.7
60	632.5	646.4	646.0	632.3	639.3
70	385.5	397.9	395.6	384.0	393.6
80	145.2	152.5	146.9	140.4	151.9
90	1.792	2.172	0.3294	1.070	3.152
100	0.7296	0.7281	0.7309	0.7373	0.6906
110	1.185	1.233	1.295	1.247	1.164
120	1.731	1.799	1.894	1.813	1.692
130	2.299	2.372	2.476	2.374	2.224
140	2.813	2.908	2.999	2.897	2.751
150	3.291	3.359	3.427	3.344	3.225
160	3.810	3.756	3.788	3.743	3.689
170	4.166	4.025	4.009	4.049	4.095
180	4.230	4.101	4.081	4.101	4.230
DEG	LUMINOUS INTENSITY: cd				

ZONAL LUMENS

T	φ TOTAL
0-10	146.8
10-20	564.8
20-30	1191
30-40	1937
40-50	2702
50-60	3386
60-70	3902
70-80	4187
80-90	4251
90-100	4252
100-110	4253
110-120	4254
120-130	4256
130-140	4258
140-150	4260
150-160	4262
160-170	4263
170-180	4263
UNIT: lm	

