

INTENDED USE

Alcon Lighting's 2.6-Inch Semi-Direct Wraparound Linear LED Light features a sleek, low-profile design with high-performance illumination. Engineered for balanced lighting, it delivers 70% direct and 30% indirect distribution through a premium diffuser, ensuring smooth, uniform light without dark spots or pixelation. With multiple static color temperature options and three output levels, it offers versatility for a range of applications, making it an ideal choice for offices, hospitality settings, studios, galleries, warehouses, and contemporary residential spaces..

FEATURES

Construction: 9/16" x 1.5" extruded T5-6063 aluminum with clear anodized finish for enhanced corrosion resistance

Lens: Extruded acrylic blend with 80% transmissivity, designed to slide into the housing

Housing: Includes an internal screw channel for LED board mounting, dual internal L channels for lens installation, and an external T channel for mounting hardware attachment

Mounting: Surface or pendant installation

Light Distribution: 70% direct / 30% indirect

CRI: 90+

Voltage: 120-277V

External Driver: 0-10V

Operating Temperature: -40°F to 122°F

Life: 245,000 Hrs (L80), 104,000 Hrs (L90)

Warranty: 5 years carefree for parts & components (Labor not included)

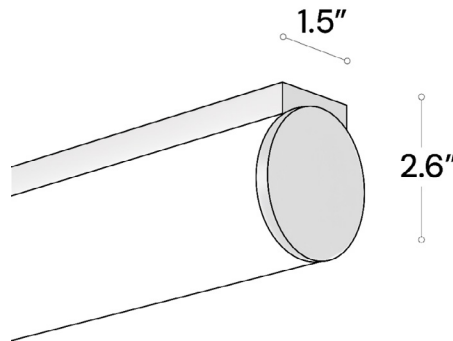
Listing: Buy American Act Compliant



Pendant
12185-P



Surface
12185-S

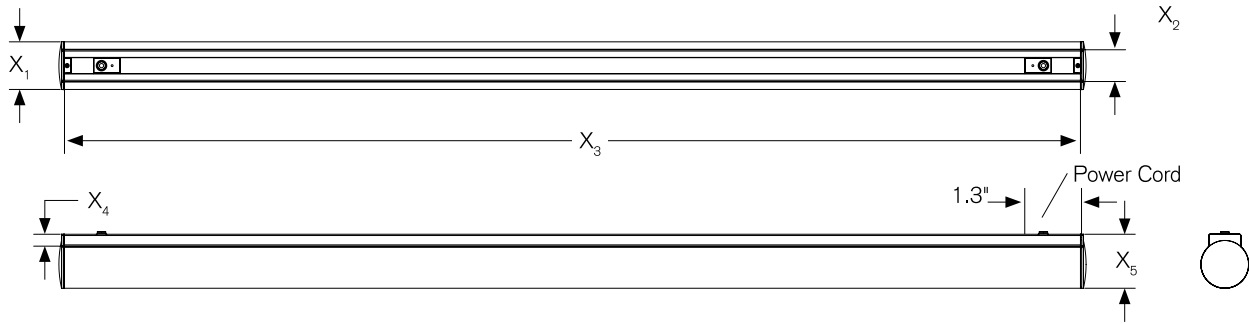


ORDERING INFORMATION Example:

Model	Mounting	Length	Color Temp	Wattage Lumens <small>Wattage and Lumens per Foot</small>	Finish	Pendant Mounting	Surface Mounting Kits
12185	S Surface P Pendant	2 2 Foot	27K 2700K	D6 6.4W 640 lm	WH White	Blank Not Required	Blank Not Required
		4 4 Foot	30K 3000K	D9 9.6W 960 lm	Matte	AC4 4' Aircraft Cable	HD Hard Lid/Drywall Ceiling
		6 ¹ 6 Foot	35K 3500K	D12 12.8W 1280 lm	Black	AC6 6' Aircraft Cable	TB T-Bar Grid Ceiling
		8 8 Foot	40K 4000K		SL Silver	AC8 8' Aircraft Cable	DW Drywall Wall Mount

¹ The 6-foot length is composed of one continuous 4-foot section and one 2-foot section.

DIMENSIONS

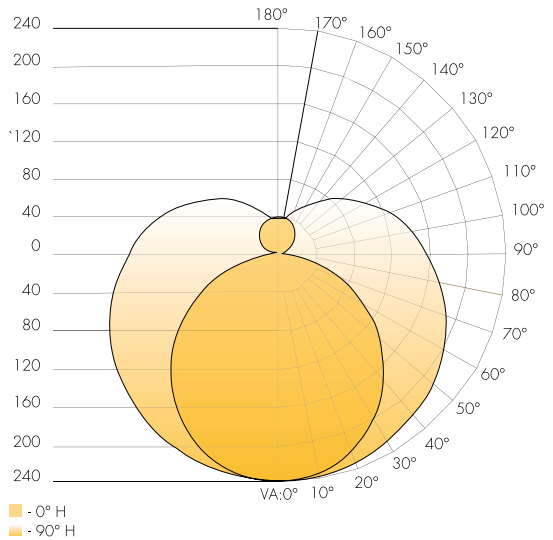


	2 Foot	3 Foot	4 Foot	6 Foot	8 Foot
X ₁	ø2.25"	ø2.25"	ø2.25"	ø2.25"	ø2.25"
X ₂	1.50"	1.50"	1.50"	1.50"	1.50"
X ₃	24.30"	36.3"	48.30"	72.30"	96.30"
X ₄	0.5625"	0.5625"	0.5625"	0.5625"	0.5625"
X ₅	2.55"	2.55"	2.55"	2.55"	2.55"

Coefficients of Utilization - Zonal Cavity Method
Effective Floor Cavity Reflectance: 20%

RCC %:	80				70				50				30			10			0
RW %:	<u>70</u>	<u>50</u>	<u>30</u>	<u>0</u>	<u>70</u>	<u>50</u>	<u>30</u>	<u>0</u>	<u>50</u>	<u>30</u>	<u>20</u>	<u>50</u>	<u>30</u>	<u>20</u>	<u>50</u>	<u>30</u>	<u>20</u>	<u>0</u>	
RCR: 0	1.12	1.12	1.12	1.12	1.06	1.06	1.06	.71	.95	.95	.95	.85	.85	.85	.75	.75	.75	.71	
1	.99	.93	.87	.82	.93	.87	.83	.53	.78	.74	.70	.69	.66	.63	.61	.58	.56	.52	
2	.88	.79	.71	.64	.83	.74	.67	.42	.66	.60	.55	.58	.54	.50	.51	.48	.44	.41	
3	.80	.68	.59	.52	.75	.64	.56	.34	.57	.50	.45	.50	.45	.41	.44	.40	.36	.33	
4	.73	.60	.50	.43	.68	.56	.48	.29	.50	.43	.37	.44	.39	.34	.39	.34	.30	.27	
5	.66	.53	.43	.36	.62	.50	.41	.24	.45	.37	.32	.39	.34	.29	.35	.30	.26	.23	
6	.61	.47	.38	.31	.57	.45	.36	.21	.40	.33	.27	.35	.29	.25	.31	.26	.22	.20	
7	.56	.43	.34	.27	.53	.40	.32	.19	.36	.29	.24	.32	.26	.22	.28	.23	.20	.17	
8	.52	.39	.30	.24	.49	.37	.29	.17	.33	.26	.21	.29	.24	.19	.26	.21	.17	.15	
9	.49	.35	.27	.21	.46	.33	.26	.15	.30	.23	.19	.27	.21	.17	.24	.19	.16	.14	
10	.46	.32	.24	.19	.43	.31	.23	.13	.28	.21	.17	.25	.19	.15	.22	.18	.14	.12	

4 Foot, 6.4W | 640 lm, 3500K

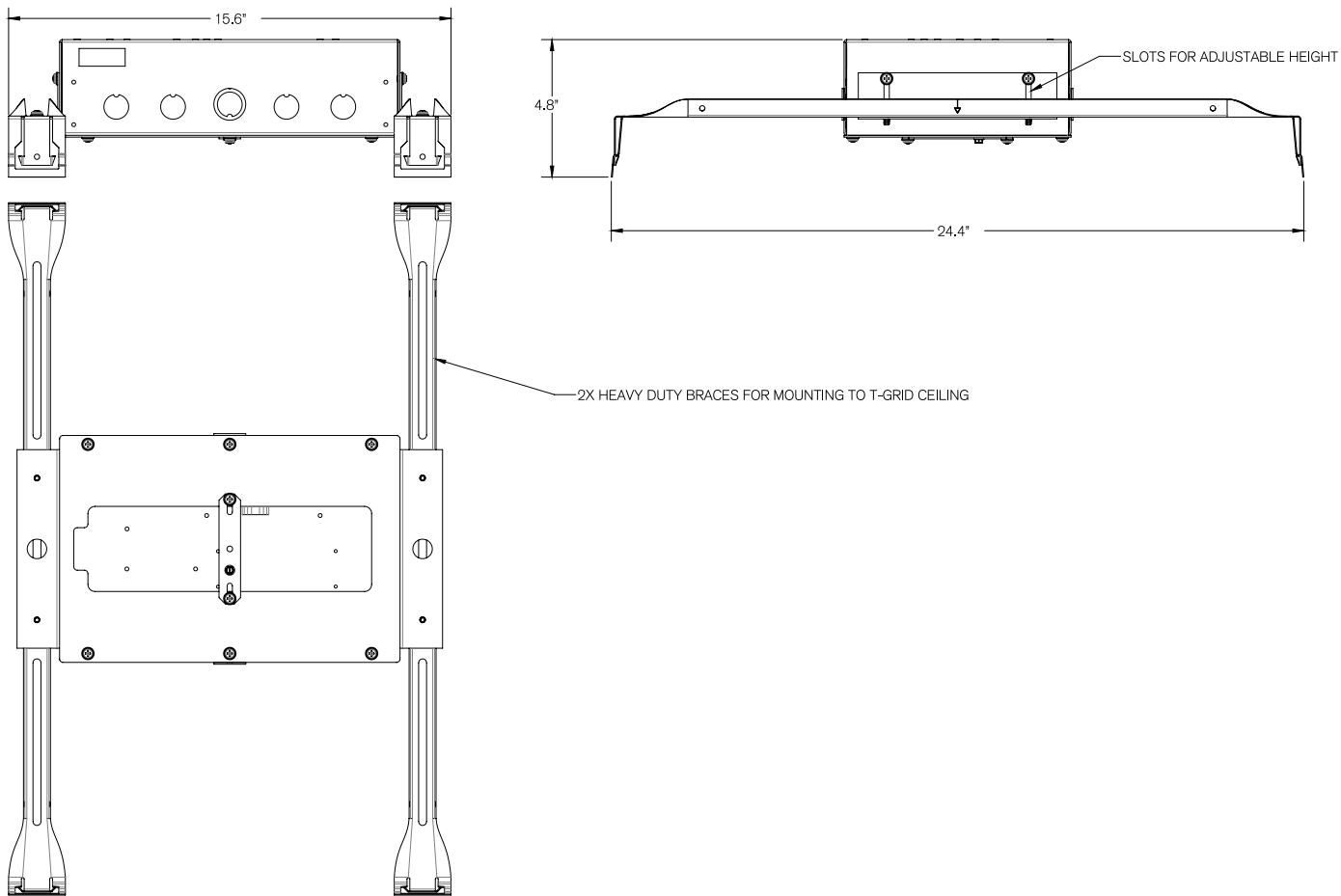


Zonal Lumen Summary

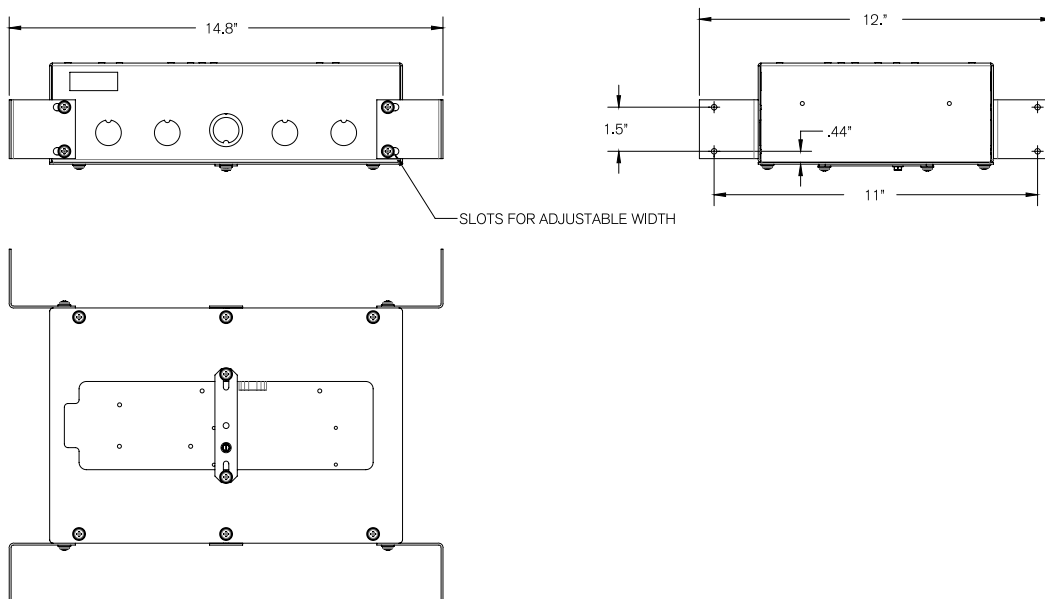
Zone	Lumens	%Luminaire
0-30	187.2	13.2%
0-40	314.9	22.3%
0-60	608.8	43.1%
60-90	392.8	27.8%
70-100	344.7	24.4%
90-120	251.6	17.8%
0-90	1,001.6	70.9%
90-180	412.0	29.1%
0-180	1,413.6	100%

MOUNTING KITS

T-Bar Grid Ceiling



Wall Mount



COMPATIBLE DIMMERS

	ALCON LIGHTING	LUTRON	LEVITON®
0-10 V	2100 2101 2102	Diva DTVV	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 MERCHANTISERS SHOWROOMS	GRAPHICS INDUSTRY HOSPITALS GALLERIES BEAUTY SALONS
✓	✓	✓	✓	✗