

Project Name: _____ Type: _____ Quantity: _____

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

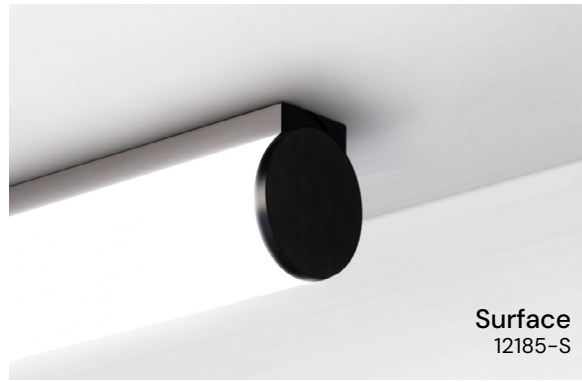
Life: 245,000 Hrs (L80), 104,000 Hrs (L90)

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

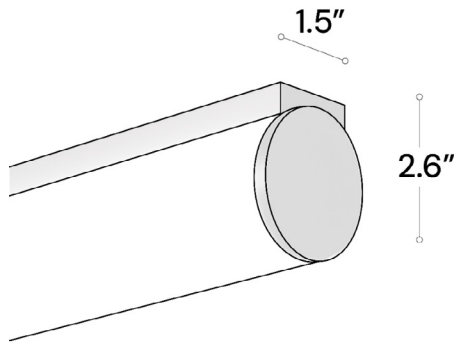
Listing: Buy American Act Compliant



Pendant
12185-P



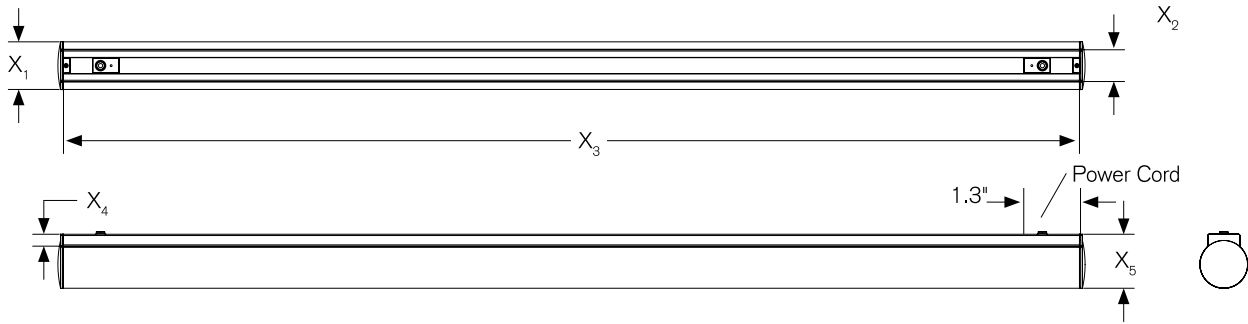
Surface
12185-S



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	2 2 Foot	27K 2700K	D6 6.4W 640 lm	WH White	Blank Not Required	Blank Not Required
	P Pendant	3 3 Foot	30K 3000K	D9 9.6W 960 lm	Matte	AC4 4' Aircraft Cable	HD Hard Lid/Drywall Ceiling
		4 4 Foot	35K 3500K	D12 12.8W 1280 lm	Black	AC6 6' Aircraft Cable	TB T-Bar Grid Ceiling
		6 6 Foot	40K 4000K		SL Silver	AC8 8' Aircraft Cable	DW Drywall Wall Mount
		8 8 Foot					

DIMENSIONS

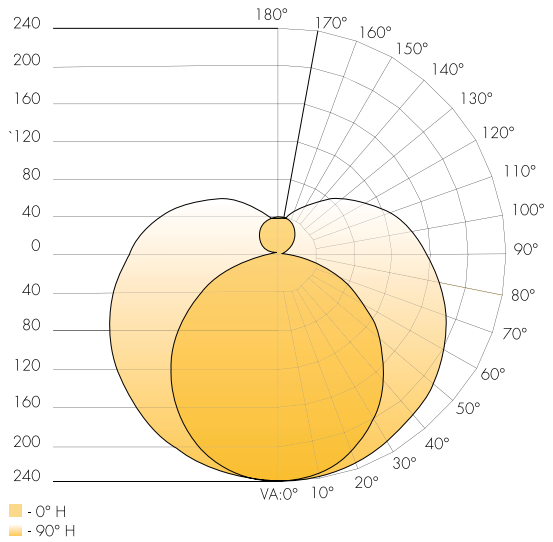


	2 Foot	3 Foot	4 Foot	6 Foot	8 Foot
X ₁	ø2.25"	ø2.25"	ø2.25"	ø2.25"	ø2.25"
X ₂	1.50"	1.50"	1.50"	1.50"	1.50"
X ₃	24.30"	36.3"	48.30"	72.30"	96.30"
X ₄	0.5625"	0.5625"	0.5625"	0.5625"	0.5625"
X ₅	2.55"	2.55"	2.55"	2.55"	2.55"

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

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

4 Foot, 6.4W | 640 lm, 3500K

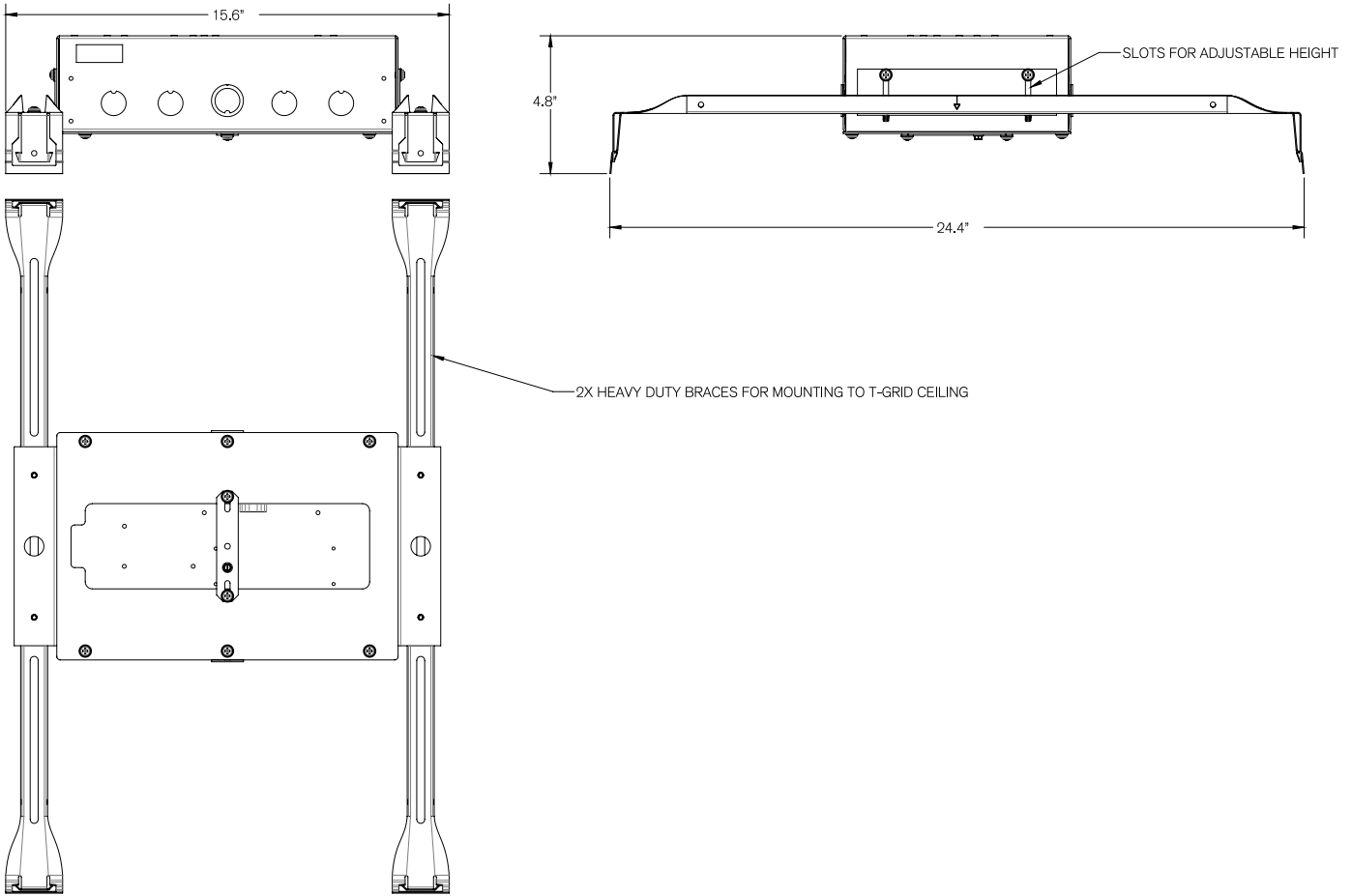


Zonal Lumen Summary

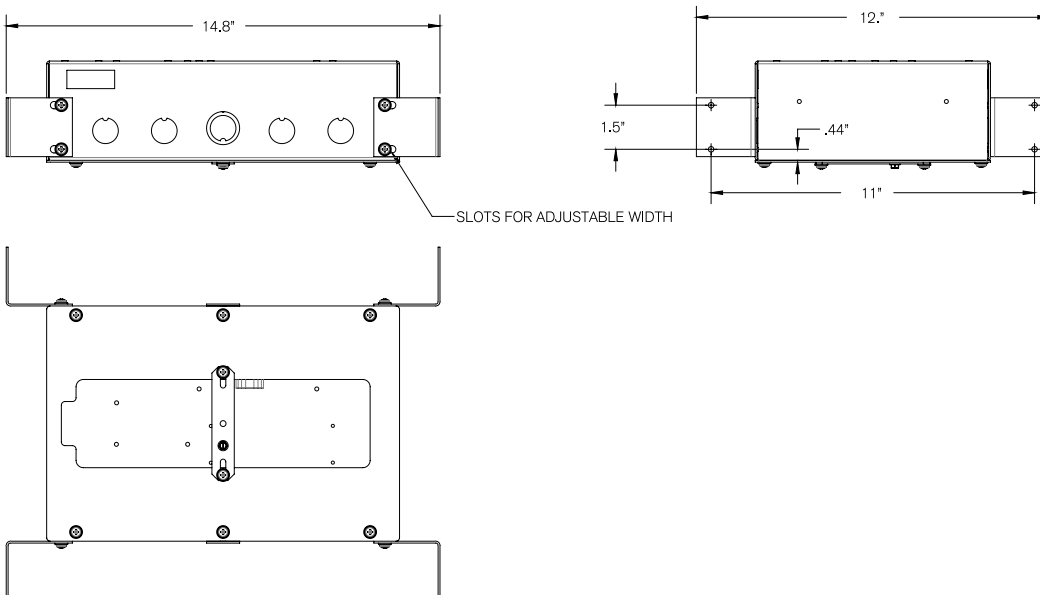
Zone	Lumens	%Luminaire
0-30	187.2	13.2%
0-40	314.9	22.3%
0-60	608.8	43.1%
60-90	392.8	27.8%
70-100	344.7	24.4%
90-120	251.6	17.8%
0-90	1,001.6	70.9%
90-180	412.0	29.1%
0-180	1,413.6	100%

MOUNTING KITS

T-Bar Grid Ceiling



Wall Mount



COMPATIBLE DIMMERS

			
0-10 V	2100 2101 2102	Diva DTVV	IP-710-DL

COLOR TEMPERATURE GUIDE

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