

Project Name:

Type:

Quantity:

INTENDED USE

With multiple mounting options and our modern, universal dimming system, this commercial-grade smart LED lighting is ideal for commercial and industrial pendant lighting applications. Add strength, elegance and versatility from medium to high ceilings.

FEATURES

Construction: Spun steel with die-cast aluminum heat sink
CRI: 80+ Standard, 90 CRI Option
Lens: 20 ga. Wire Guard Included. Frosted lens is an available option.
Mounting: Flat and slope ceiling pendant adapters available mounts to any electrical standard junction box
Universal Dimming: System that works with most 2-wire incandescent, 3-wire ELV and 5-wire 0-10V dimmers
Voltage: 120V/277V
Operating Temperature: -10°C to +80°C
LED Life: 50,000 L70
Warranty: 5 years carefree for parts and components (labor not included). We recommend the use of surge protectors on the power entering LED Housings. Surge damage is not covered by warranty.
Listings: CA Title 24, cETLus listed to UL1598 and UL8750 Suitable for dry and damp locations. Assembled in the US. NYC approved: Calendar #41937. Suitable for Wet Location. IP65 Rated.
Weight: 12 lbs.



ORDERING INFORMATION Example: (12301-8-S-WH-L75-FL-830)

Model	Mounting			Finish	Lumens	Optics	Driver	CCT CRI	Options
	Pendant	Sloped Pendant	Wall						
12301-8	AC10 10 ft Adj. Aircraft Cable	TE Tilttable Elbow	TE Tilttable Elbow	WH White	L30 2,900 lms 28W	FL 40°	O10 0-10V 1% Dimming	830 ^{Standard} 3000K 80+	FL Frosted Lens
		TE6 Tilttable Elbow + 6" Stem	TE6 Tilttable Elbow + 6" Stem	BK Black	L40 4,000 lms 40W	WF 60°	UNI ² Universal Dimming	827 2700K 80+	
	ST1 1 ft. Stem	TE12 Tilttable Elbow + 12" Stem	TE12 Tilttable Elbow + 12" Stem		L70 6,700 lms 972W		Triac, ELV, 0-10V	835 3500K 80+	
	ST2 2 ft. Stem				L75 7,500 lms 70W			840 4000K 80+	
	ST3 3 ft. Stem	TS2 2 ft. Tilttable Stem			L100 10,000 lms 90W			927 2700K 90+	
	ST4 4 ft. Stem	TS3 3 ft. Tilttable Stem			L160 16,000 lms 160W			930 3000K 90+	
		TS4 4 ft. Tilttable Stem						930 3000K 90+	
								935 3500K 90+	
								940 4000K 90+	

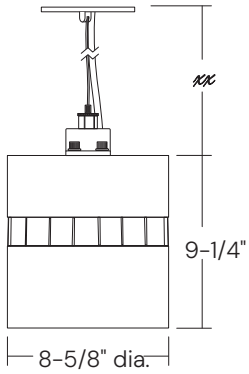
¹Not Required
²Dim to 1% with L16 and L17 Lumen Packages

LINE DRAWINGS

Ceiling Mount

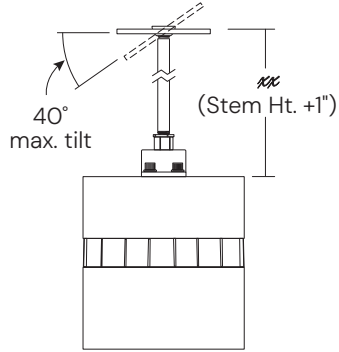
Adj. Aircraft Cable

$\text{XX} = 10 \text{ ft.}$

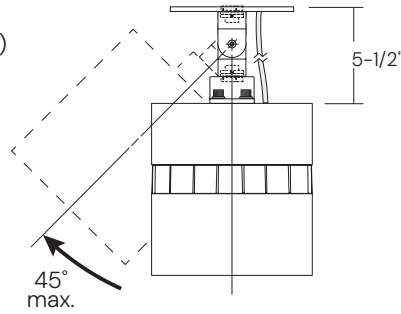


Sloped Pendant
Tiltable Stem

$\text{XX} = 2 \text{ ft, 3 ft, 4 ft}$

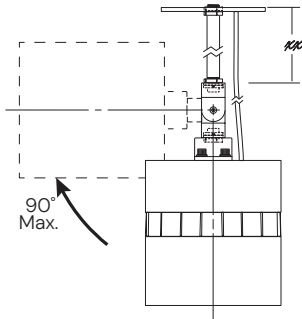


J-box & Adj. Elbow



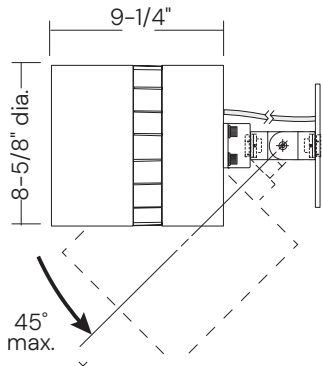
J-box, Adj. Elbow & Stem

$\text{XX} = 6", 12"$



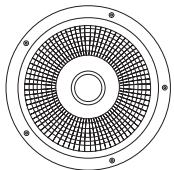
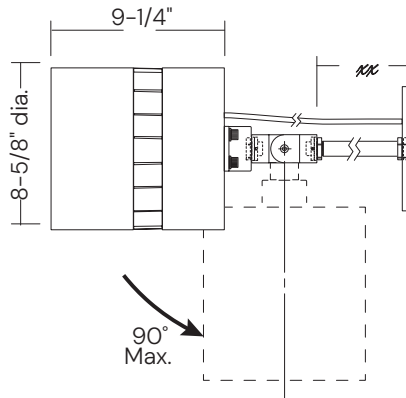
Wall Mount

J-box & Adj. Elbow

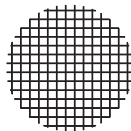


J-box, Adj. Elbow & Stem

$\text{XX} = 6", 12"$



Bottom View

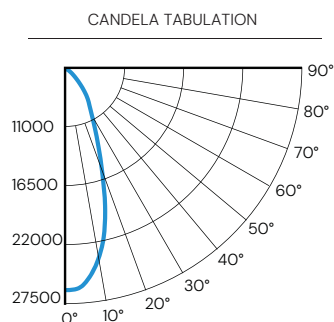


20 ga. Wire Guard
(Installed in Fixture)

PHOTOMETRY

12301-8-160-4-010

System Power (Watts)	139.8 W
Test Date	5/21/2021
Beam Angle (50%)	37.7°
Field Angle (10%)	81.9°
Color Temperature	3000 K
CRI:	85.5
R9 Value	21.0
Lumens Delivered (lm)	15308 lm
CBCP	25789 cd
PF	1.0



FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	Footcandle (FC)*
15'	10.3'	115
20'	13.7'	64
25'	17.1'	41
30'	20.5'	29
36'	24.6'	20

*at center of beam

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
✓	✓	✓	✓	✗