

Project Name: _____ Type: _____ Quantity: _____

INTENDED USE

Designed for architectural spaces, this fixture provides soft, glare-free illumination with a 70° medium beam angle and a precision-spun reflector. The Specular Clear finish delivers clean, focused light free of streaks or hotspots, while the Soft Glow option is ideal for offices or environments requiring diffused light. Perfect for lobbies, retail, hospitality, and commercial interiors, it supports four mounting styles, including a swivel canopy for sloped ceilings.

FEATURES

Dimensions: D 10" x H 18"

Construction: Made from .064" thick spun aluminum with an integrated aluminum heat sink for efficient thermal management

Reflector Finish: Specular Clear, Soft Glow Clear, or White Matte

Mounting: Available in Surface, Wall, or Pendant mounting with stem and cable options

Canopy: Standard Ø5.00" or large Ø12.75" / Ø13.25" diameter canopy

Pendant Options: Includes a 3/8" IP x 12" rigid stem with a 45° swivel canopy for sloped ceilings. Aircraft cable option comes with standard 72" cord

Lumens: 3000, 4000, 5000, 6000, or 7000 lm

Color Temperature: 2700K, 3000K, 3500K, or 4000K
Optional Dim-To-Warm (1800K–3000K)

Voltage: 120V–277V, with 120V or 277V selectable

Dimming: 0–10V (100–1%) standard; 0–10V 0.1% Dim-To-Dark and TRIAC options available

Emergency Battery: External 90-minute backup with test switch

CRI: 80+ standard, 90+ optional

Life: 50,000 hours at L70

Operating Temperature: –4°F to 86°F

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

Listings: ETL certified to UL 1598 and UL 8750.

Suitable for damp locations and wet locations under covered ceilings. Buy American Act (BAA) complaint



Nominal Lumens	Delivered Lumens	Wattage	Lumens Per Watt
3000 lm	2468 lm	33.5	73.67 lm/w
4000 lm	3219 lm	45.6	72.17 lm/w
5000 lm	4113 lm	58.49	70.32 lm/w
6000 lm	4936 lm	60.1	82.13 lm/w
7000 lm	5759 lm	85.3	67.51 lm/w



ORDERING INFORMATION Example:

Model	12309
Mounting	S Surface P Pendant W Wall
Voltage	UN 120–277V 12 120V 27 277V
Lumens	3L 3000 lm 6L 6000 lm 4L 4000 lm 7L 7000 lm 5L 5000 lm
Color Temp	27K 2700K 40K 4000K 30K 3000K DTW ¹ Warm Dimming 35K 3500K 1800K – 3000K
CRI	Blank 80+ 90 90+
Housing Finish	WH White BZ Bronze CC Custom Color BK Black SL Silver
Reflector Finish	WH White SG Soft Glow Clear SC Specular Clear
Pendant Mounting ²	Blank Not Required ST4 4' Stem AC6 ³ 6' Aircraft Cable ST6 6' Stem AC_{xx} Specify <i>x</i> in Feet ST8 8' Stem ST_{xx} Specify <i>x</i> in Feet
Cable Finish	WH White BK Black GR Gray
Driver	O10 0–10V (120–277V) TRI Triac (120V) DTD ⁴ 0–10V 0.1% Dim-To-Dark
Options	XEM ⁵ External Emergency Battery Backup

¹ Available only with 90+ CRI and a Dim-To-Dark driver, up to 5000 lm.

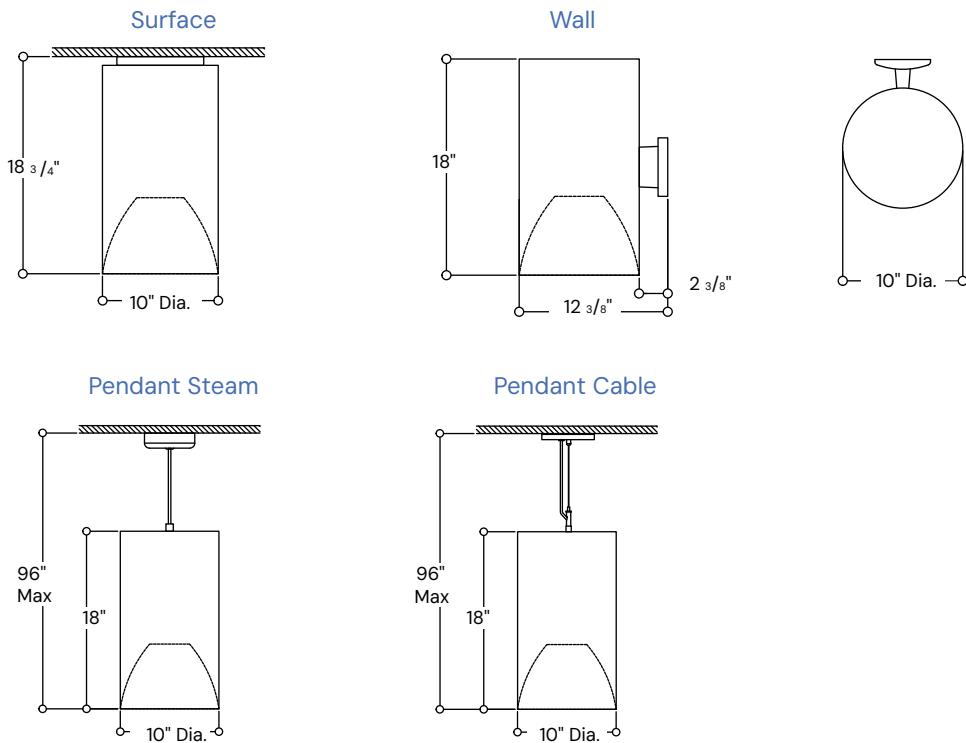
² For stem and aircraft cable mounts, a canopy is provided for TRIAC and Dim-To-Dark driver options, with the driver housed inside the canopy.

³ A standard 5-conductor cord is provided to support 0–10V dimming functionality.

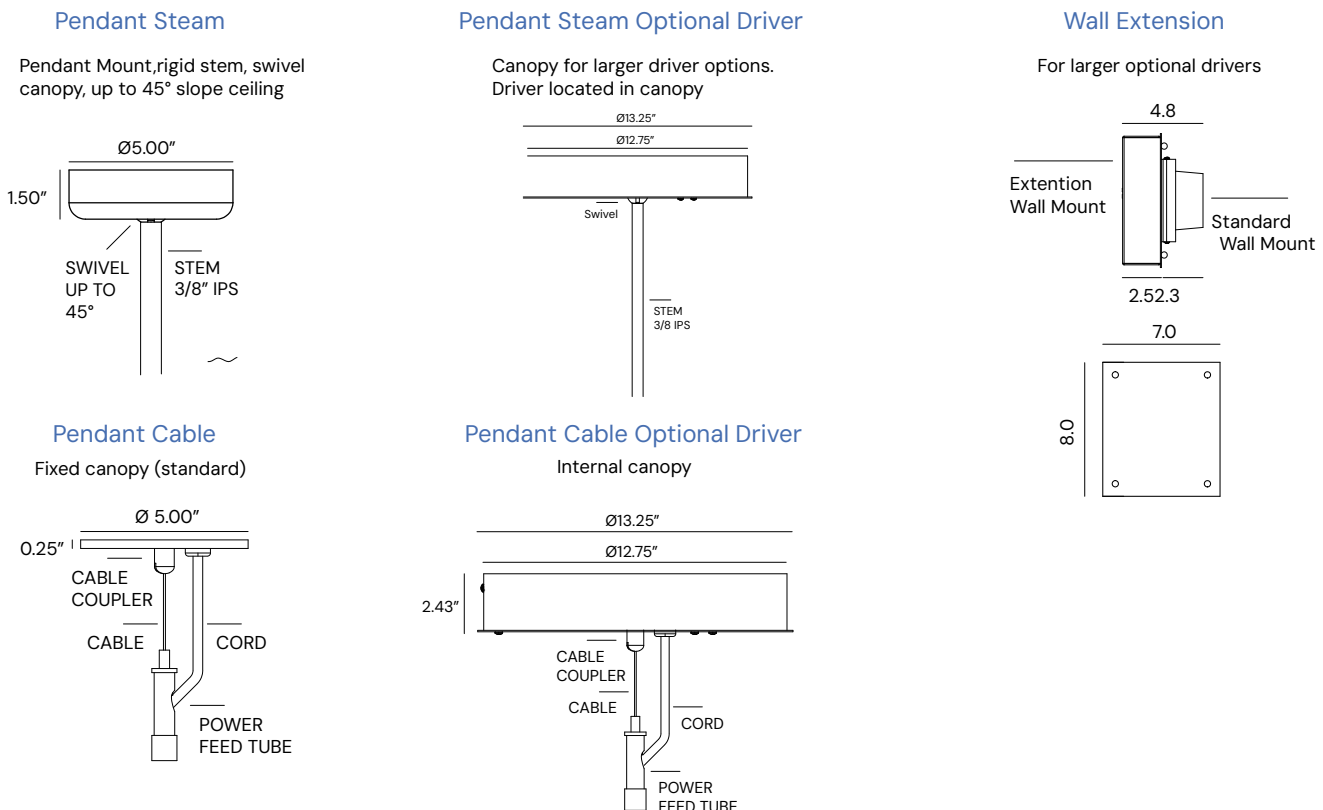
⁴ Available only for up to 7000 lm.

⁵ Available only for up to 5000 lm.

LINE DRAWINGS & DIMENSIONS



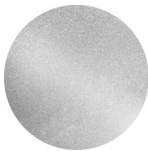
CANOPY



HOUSING FINISHES



White Matte



Silver



Black Matte



Bronze

REFLECTOR FINISHES



Specular Clear



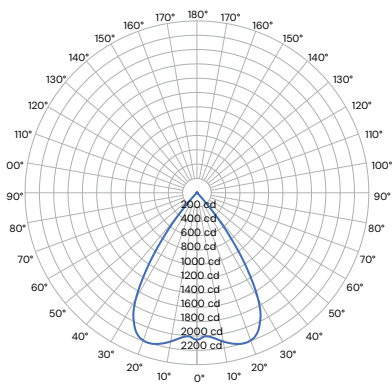
Soft Glow Clear



White Matte

PHOTOMETRY

12309-S-3L-40K



Medium: 70°

Lumens: 2,468 Lms
Watts: 33.5 W
LPW: 73.67 Lm/W
Spacing Criterion: 1.18

Mounting Height AFF	FC at Center on Floor	Beam Diameter
8.0 '	32 fc	11.0 '
10.0 '	21 fc	13.8 '
12.0 '	14 fc	16.6 '
14.0 '	10 fc	19.3 '
16.0 '	8 fc	22.1 '
20.0 '	5 fc	27.6 '
24.0 '	4 fc	33.1 '
30.0 '	2 fc	41.4 '

	0.00°
0.00°	2,053
5.00°	2,018
15.00°	2,186
90.00°	0

Zone	Lumens	% Luminaire
0° - 30°	1,747	71%
0° - 40°	2,403	97%
0° - 60°	2,462	100%
60° - 90°	12	0%
0° - 20°	817	33%
20° - 50°	1,699	69%
50° - 70°	15	1%
70° - 90°	2	0%
0° - 90°	2,468	100%
90° - 180°	0	0%
Total	2,468	100%

Height	Spacing	Light Level ¹
8 ft	9.4 ft	~ 32 fc
10 ft	11.8 ft	~ 21 fc
12 ft	14.2 ft	~ 14 fc
8 ft	7.1 ft	~ 57 fc
10 ft	8.8 ft	~ 36 fc
12 ft	10.6 ft	~ 25 fc
8 ft	4.7 ft	~ 128 fc
10 ft	5.9 ft	~ 82 fc
12 ft	7.1 ft	~ 57 fc

¹ Approximate direct light level at floor based on spacing criterion overlap.

CRI	Multiplier	Color Temp	Multiplier	Reflector Finish	Multiplier
80+	1	2700K	0.939	Specular Clear	1
90+	0.8	3000K	0.975	Soft Glow Clear	0.95
		3500K	1	White Matte	0.87
		4000K	1.035		

COLOR TEMPERATURE GUIDE

