

INTENDED USE

The specification grade 15209 is the ideal solution for warehouse, gymnasium, or other mid to high-ceiling applications where high output LED lighting is desired.

FEATURES

Construction: 0.040" thick spun aluminum cylinder supplied with aluminum and polycarbonate reflector options

Mounting: Adjustable aircraft cable and rigid stem with a 45° swivel, accommodating sloped ceilings

Shade: Durable polycarbonate reflector for harsh environments or a heavy-gauge, high-purity spun aluminum reflector with polyester powder-coated finish options

CRI: 80+ (standard), 90+ (optional)

Voltage: 120V-277V

Dimming: Standard 1-10V (dims down to 10%) or TRIAC (dims down to 20%)

Life-span: 50,000 hours at L70 standard **Labels:** UL, ETL, Suitable for Damp Locations. Wet location under covered ceiling.

Buy American Act (BAA Compliant)

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



Flat Clear Lens



Conical Lens



ORDERING INFORMATION Example:

MODEL		15209		
SIZE		12 12" Dia.	16 16" Dia.	
LUMENS		50L 5000 60L 6000 80L 8000	100L 10000 120L 12000 150L 15000	170L ⁵ 17500 200L ^{5,6} 20000
COLOR TEMP		30K 3000K 35K 3500K	40K 4000K 50K 5000K	
CRI		(Blank) 80+	9 ¹⁰ 90+	
SHADE		AL ¹ Aluminum	PL Polycarbonate	
HOUSING FINISH		WH White BK Black	BZ ² Bronze SL ³ Silver	CC Specify RAL# (Pg. 8)
MOUNTING		AC6 6' Aircraft Cable AC10 10' Aircraft Cable ACxx ⁸ Specify X in Feet	ST4 4' Stem ST6 6' Stem ST8 8' Stem STxx Specify X in Feet (Max 8')	
MOUNTING FINISH		WH White BK Black	BZ ² Bronze SL ³ Silver	CC Specify RAL# (Pg. 8)
CABLE FINISH		WH White	BK Black	GR Gray
SHADE FINISH ⁷		(Blank) Not required WH White	BK Black BZ ² Bronze	SL ³ Silver CC Specify RAL# (Pg. 8)
LENS TYPE		(Blank) Open	FL ⁵ Flat Clear	CL ⁶ Conical
DRIVER		O10 0-10V (120-277V) ^{std}	TRI ⁴ Triac (120V)	
OPTIONS		XEM ^{9,11} External Emergency Battery Backup SC ⁹ Safety Cable WG ⁵ Wire Guard HC Die-Cast Hook, 18/5 Cord HCP Die-Cast Hook, 18/5 Cord, NEMA Twist Lock Plug		

¹ Aluminum shade matches housing finish. Come standard with high-reflective white painted inner surfaces.

² Bronze finish only available with stem mounting.

³ Silver finish only available with stem and aircraft cable mountings.

⁴ Not available for lumen packages from 15L-20L.

⁵ Available only for 16" Diameter Fixture.

⁶ Available only with polycarbonate shade.

⁷ Available only with aluminum shade.

⁸ Max 8' for 16" diameter. Max 6' for 12" diameter.

⁹ Not available with HC and HCP.

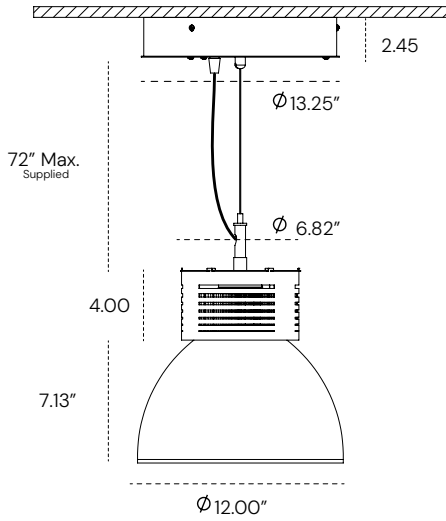
¹⁰ Up to 15000 lm.

¹¹ Up to 5000 lm.

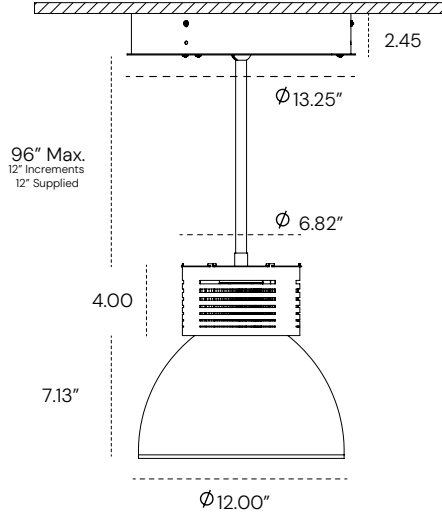
MOUNTING

12" FIXTURE DIMENTIONS

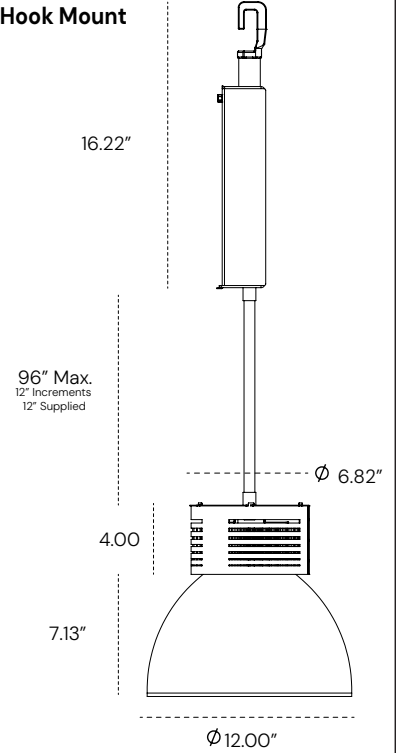
Aircraft Cable



Stem Mount

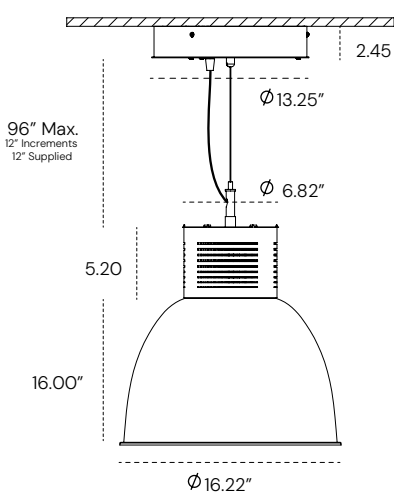


Hook Mount

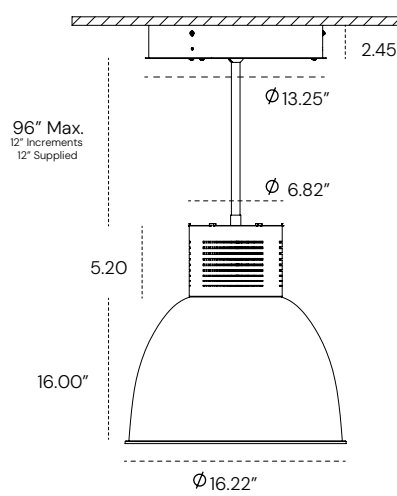


16" FIXTURE DIMENTIONS

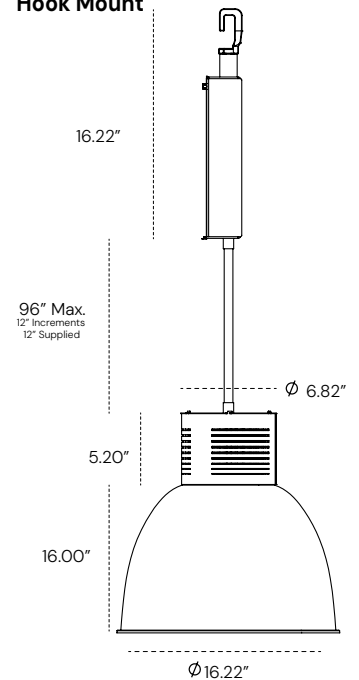
Aircraft Cable



Stem Mount



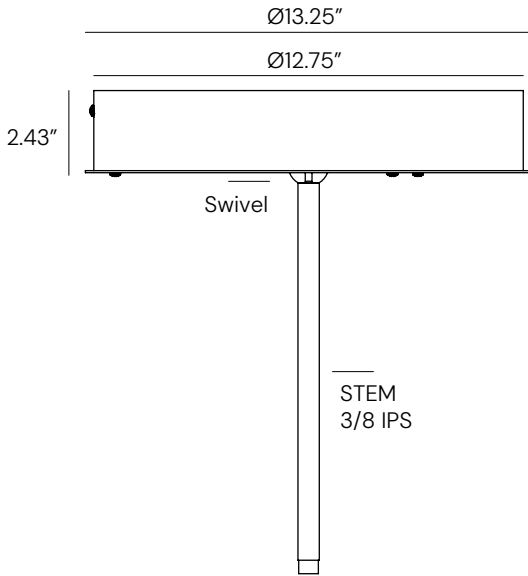
Hook Mount



MOUNTING

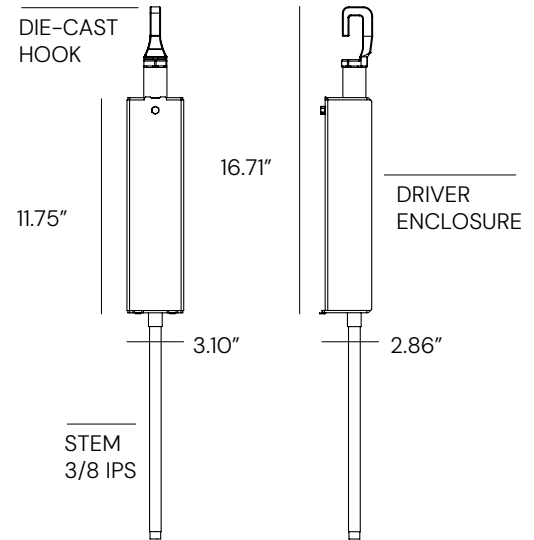
Stem Mount

Driver located in canopy.



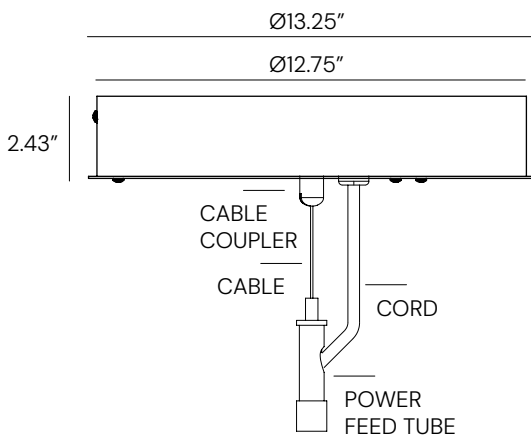
Hook Mount

Driver located in driver enclosure.



Aircraft Cable Mount

Cord & Cable Mount, fixed canopy (standard), driver located in canopy



LUMINOUS EFFICACY

Aluminum

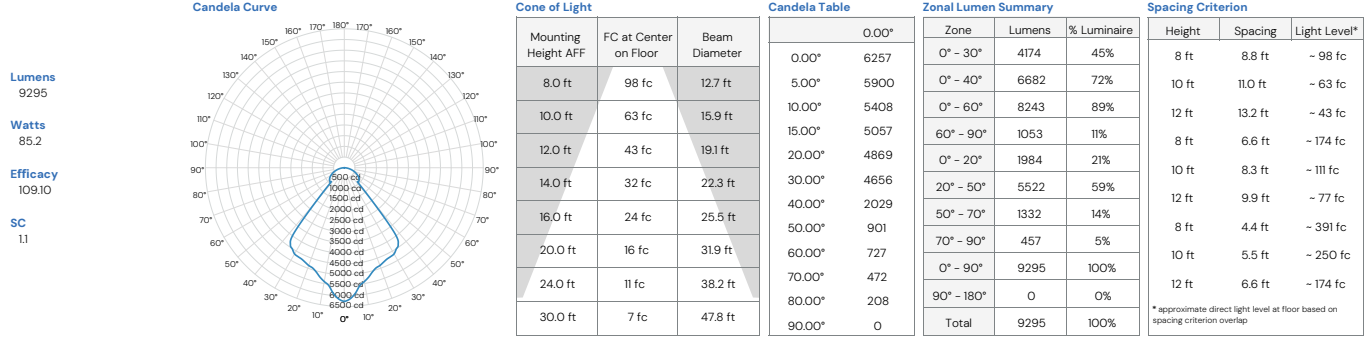
Size	Lumens	Wattage	Delivered Lumens	Lm/W
12-Inch	5000	41.7	4870	116.79
	6000	47.8	5844	122.26
	8000	62.9	7914	125.82
	10000	79.5	9295	109.1
	12000	94.2	10310	109.45
	15000	112	12887	115.06
16-Inch	5000	42.3	4665	126.08
	6000	57.61	5598	132.34
	8000	85.2	7845	136.17
	10000	100	9806	115.09
	12000	112	11257	112.57
	15000	156	14976	133.71

Polycarbonate

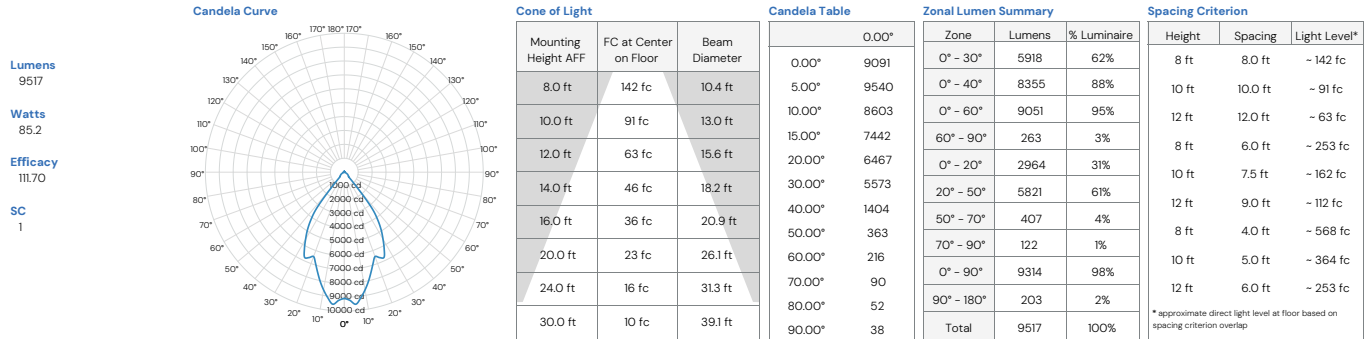
Size	Lumens	Wattage	Delivered Lumens	Lm/W	Flat Clear Lens (Lumens)	Flat Clear Lens (Lm/W)	Conical Lens (Lumens)	Conical Lens (Lm/W)
12-Inch	5000		5303	127.17	4605	110.43	4619	110.77
	6000		6363	133.12	5526	115.61	5543	115.96
	8000		7613	121.03	7368	117.14	7391	117.5
	10000		9571	111.7	9210	108.1	9238	108.43
	12000		10928	116.01	11052	117.32	11086	117.69
	15000		13660	121.96	13816	123.36	13858	123.73
16-Inch	5000	37	5101	137.86	4519	122.14	4292	116
	6000	42.3	6121	144.7	5423	128.2	5150	121.75
	8000	57.61	7895	137.04	7230	125.5	6867	119.2
	10000	85.2	9869	115.83	9038	118.14	8583	112.2
	12000	100	11842	118.42	10846	106.07	10300	103
	15000	112	14510	129.55	13557	121.04	13309	118.83
	20000	156	19347	124.02	18076	115.87	17746	113.76

12" PHOTOMETRY

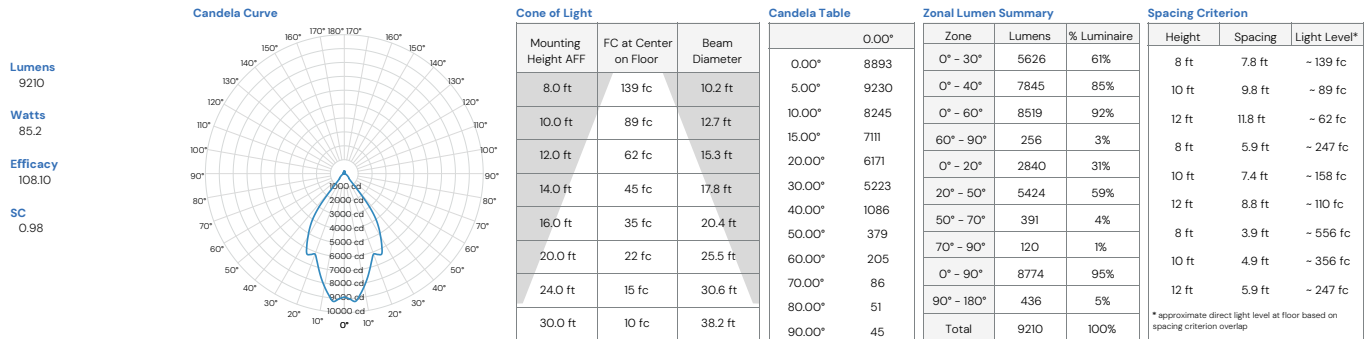
Aluminum Shade 80°



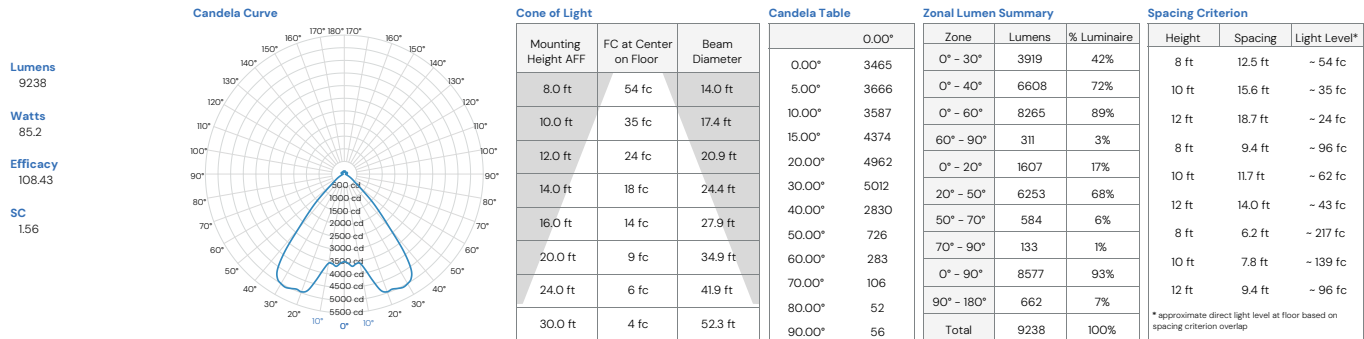
Polycarbonate Shade 65°



Polycarbonate Shade - Flat Bottom Lens 65°



Polycarbonate Shade - Conical Lens 80°

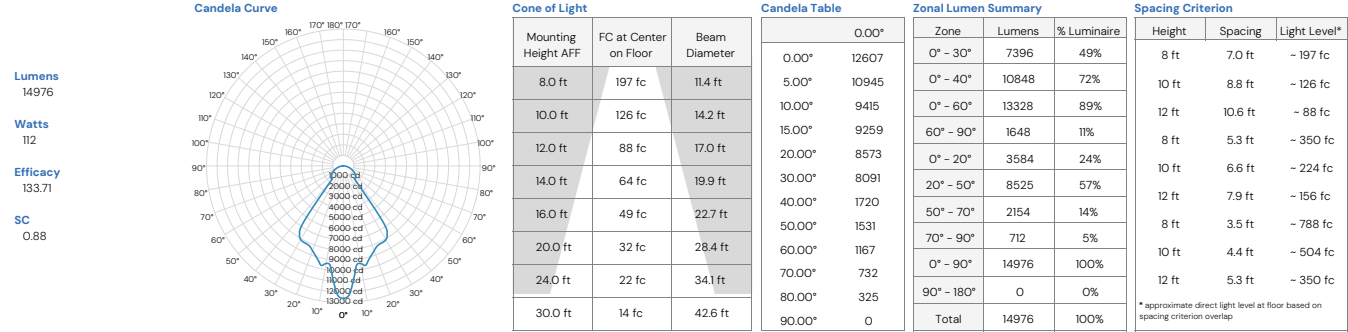


MULTIPLIER

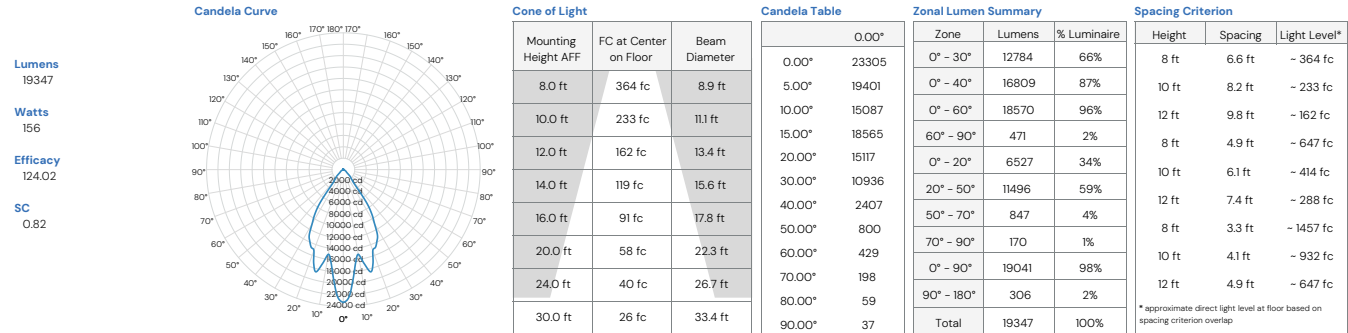
CRI	Multiplier	Kelvin	Multiplier
80	1	3000K	0.975
90	0.84	3500K	1
		4000K	1.035
		5000K	1.098

16" PHOTOMETRY

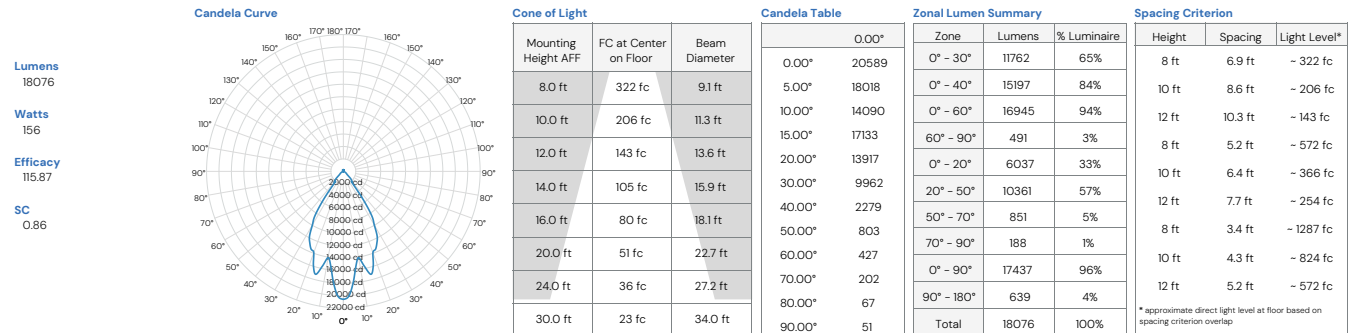
Aluminum Shade 70°



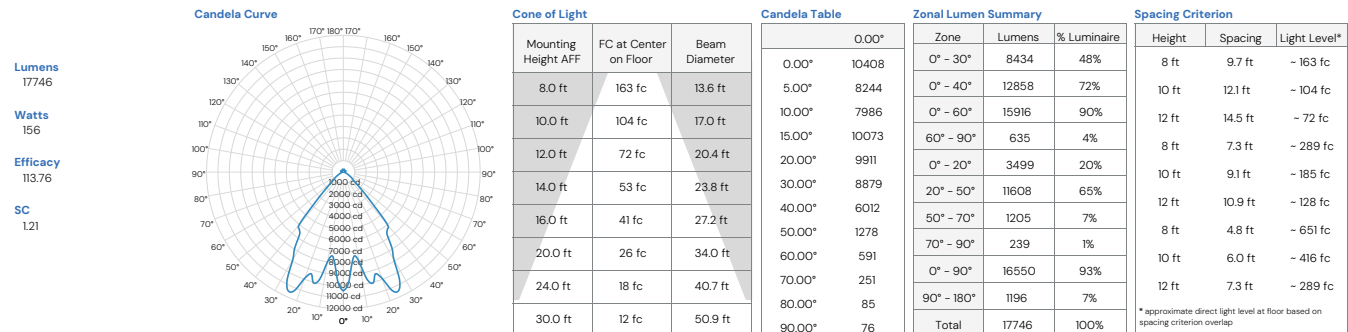
Polycarbonate Shade 60°



Polycarbonate Shade - Flat Bottom Lens 60°



Polycarbonate Shade - Conical Lens 80°



MULTIPLIER

CRI	Multiplier	Kelvin	Multiplier
80	1	3000K	0.975
90	0.84	3500K	1
		4000K	1.035
		5000K	1.098

FIXTURE & REFLECTOR FINISHES



RBE - ROBIN EGG



TRQ - TURQUOISE



DEU - DARK EUCALYPTUS



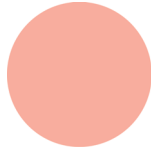
HBL - HYDRANGEA BLUE



BLB - BLUE BIRD



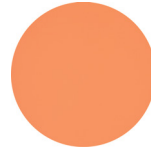
BRD - BORDEAUX RED



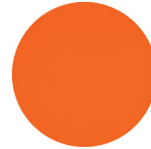
PCL - PINK CORAL



SPK - SUBTLE PINK



SOR - SALMON ORANGE



SSG - SUNSET ORANGE



RVT - RED VELVET



PVT - PURPLE VELVET



BVT - BLUE VELVET



WHC - WHITE CRYSTAL



WH - WHITE MATTE



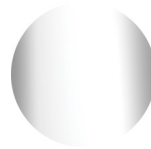
WHG - WHITE HIGH GLOSS



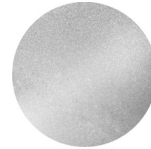
TGD - TRANSLUCENT GOLD



BA - BRUSHED ALUMINUM



ACR - ANTIQUE CHROME



SL - MIRROR SILVER SPARKLE



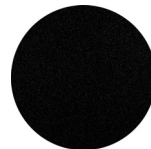
MCL - METALLIC CHARCOAL



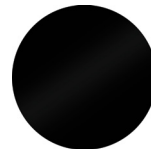
BZ - BRONZE



BLS - BLACK SCALE

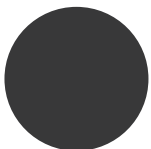


BK - BLACK MATTE

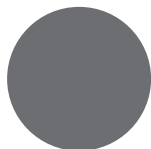


PBK - PIANO BLACK

CABLE FINISHES



BK - BLACK



GR - GREY



WH - WHITE

COLOR TEMPERATURE GUIDE

2700K	3000K	3500K	4000K	5000K
WARM WHITE	SOFT WHITE GLOW	NEUTRAL GLOW	DAYLIGHT GLOW	CRYSTAL WHITE 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
X	✓	✓	✓	✓