

Project Name: _____ Type: _____ Quantity: _____

INTENDED USE

The Disk Architectural LED Surface Mount Down Light features an unobtrusive low profile design with low glare. The Disk is an ideal option for commercial and residential interior places.

FEATURES

Construction: 1" Super Slim Thin Die-Cast Aluminum Frame For Low to Medium Height Ceilings. Integral Heat Sink Design for Maximum Heat Rejection

Ceiling Depth: 1"

Mounting: for Retrofit, New Construction, and Remodel Applications. Universal Mounting Hardware for All Standard Octagonal Electrical Junction Boxes.

Lens: Polycarbonate Frosted White

Color Temperature: 27/30/35/40/50K Selectable switch

Voltage: 120V AC

CRI: 90

Operating Temperature: Suitable for Temperatures Down to -4°F (-20°C)

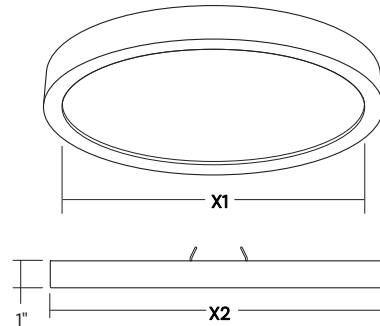
Life: 50,000 Hours

Warranty: 3 Years Free of Defects in Materials & Craftsmanship

Listings: ETL/CETL Listed, Suitable for Wet Location Installations, California Title 24/JA8 compliant, Assembled in the USA



Emergency Back-Up Battery



Dimensions

	11170-5	11170-7	11170-12
X1	6.125"	8.125"	11"
X2	5"	7"	12"



ORDERING INFORMATION Example: (11170-12-30K-WH-ELV)

Model	Size Watt Lumens	Finish	Driver	Options
11170	5 5" 11W 1000 Lumens	WH White	ELV ELV Dimming 120V	EM^{3,4} 14W Emergency Back-Up Battery
	7 7" 14W 1400 Lumens	BK Black	O10^{1,2} 0-10V Dimming 120/277V	R-EM^{5,3} 25W Remote Emergency Back-Up Battery
	12 12" 22W 2000 Lumens	SL Silver		
		BZ Bronze		

¹Not Title 24/JA8 compliant

²Requires 4" octagonal junction box with 2-1/8" depth.

³0-10V Driver Required

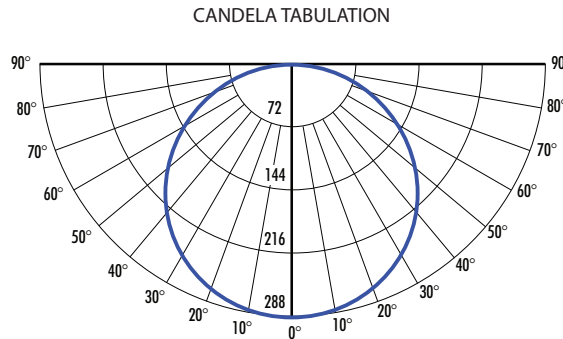
⁴Only for 5" and 7" size

⁵Only for 12" size

PHOTOMETRY

11170-5-50K (1000lm, 11W, 5000K, CRI 90)

System Power:	11W	MULTIPLIERS	
Test Date:	10/2023	2700K	0.94
Beam Angle 50%:	117.2°	3000K	1.00
Field Angle 10%:	167.1°	3500K	0.99
Color Temperature:	5364K	4000K	0.99
CRI:	94.7	5000K	1.00
Lumens Delivered:	881		
CBCP:	287.9		
Power Factor:	0.92		

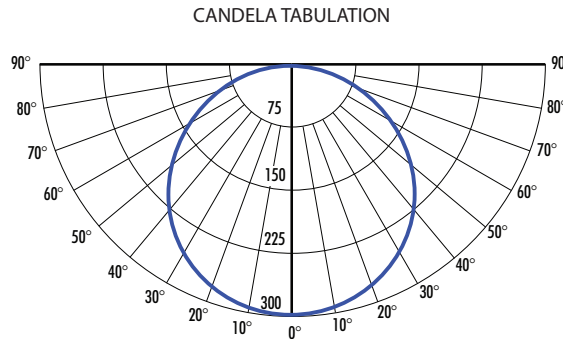


FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
8.0'	26.21'	4.50
9.0'	29.49'	3.55
10.0'	32.77'	2.88
11.0'	36.04'	2.38
12.0'	39.32'	2.00

11170-5-40K (1000lm, 11W, 4000K, CRI 90)

System Power:	11W	MULTIPLIERS	
Test Date:	10/2023	3000K	0.96
Beam Angle 50%:	117.2°	3500K	1.03
Field Angle 10%:	167.2°	5000K	1.00
Color Temperature:	4254K		
CRI:	94.5		
Lumens Delivered:	919		
CBCP:	300		
Power Factor:	0.98		

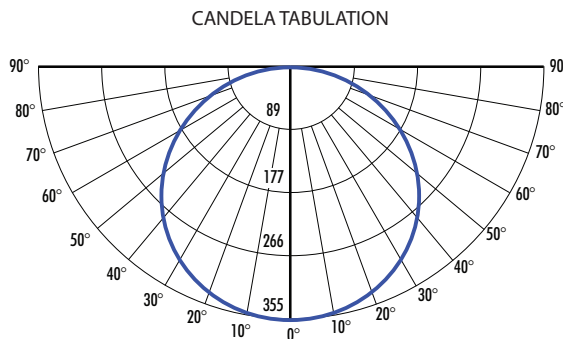


FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
8.0'	26.21'	4.69
9.0'	29.49'	3.70
10.0'	32.77'	3.00
11.0'	36.04'	2.48
12.0'	39.32'	2.08

11170-7-40K (1400lm, 14W, 4000K, CRI 90)

System Power:	15W	MULTIPLIERS	
Test Date:	10/2023	3000K	0.96
Beam Angle 50%:	120.5°	3500K	1.01
Field Angle 10%:	170.4°	4000K	1.00
Color Temperature:	3938K		
CRI:	95.0		
Lumens Delivered:	1132		
CBCP:	354.9		
Power Factor:	0.92		

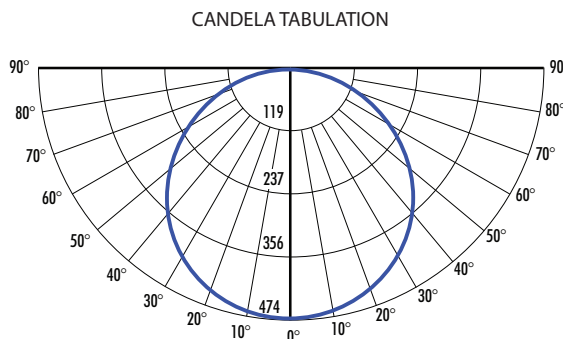


FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
6.0'	20.99'	9.86
8.0'	27.99'	5.54
10.0'	34.99'	3.55
12.0'	41.99'	2.46
14.0'	48.99'	1.81

11170-7-50K (1400lm, 14W, 5000K, CRI 90)

System Power:	14W	MULTIPLIERS	
Test Date:	10/2023	2700K	0.91
Beam Angle 50%:	116.7°	3000K	0.95
Field Angle 10%:	170.5°	3500K	1.00
Color Temperature:	5203K	4000K	1.02
CRI:	93.3	5000K	1.00
Lumens Delivered:	1461		
CBCP:	300		
Power Factor:	0.99		

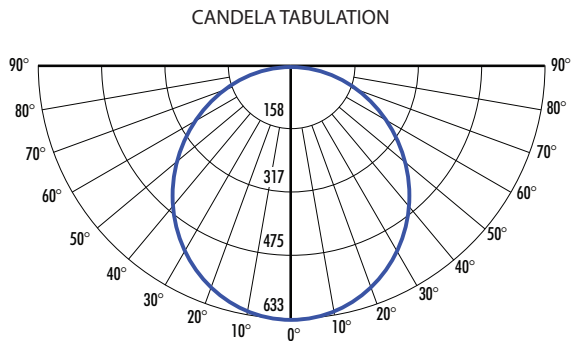


FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
6.0'	19.47'	13.18
8.0'	25.96'	7.41
10.0'	32.45'	4.74
12.0'	38.94'	3.29
14.0'	45.42'	2.42

11170-12-35K (2000lm, 22W, 3000K, CRI 90)

System Power:	22.5W	MULTIPLIERS	
Test Date:	10/2023	4000K	1.07
Beam Angle 50%:	112.7°	3500K	1.04
Field Angle 10%:	164.0°	3000K	1.00
Color Temperature:	3000K	2700K	0.99
CRI:	90		
Lumens Delivered:	1824.25		
CBCP:	633		
Power Factor:	0.99		

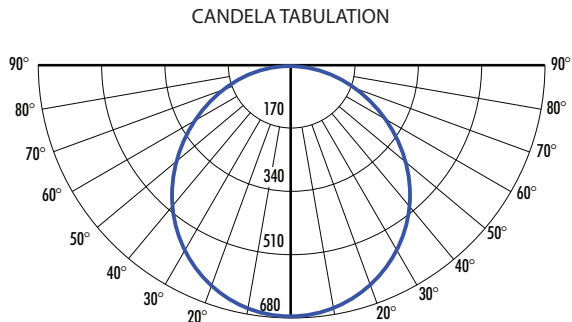


FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
6.0'	18.0'	17.6
8.0'	24.0'	9.9
10.0'	30.0'	6.3
12.0'	36.1'	4.4
14.0'	42.1'	3.2

11170-12-40K (2000lm, 22W, 4000K, CRI 90)

System Power:	22.5W	MULTIPLIERS	
Test Date:	10/2023	4000K	1.00
Beam Angle 50%:	112.6°	3500K	0.97
Field Angle 10%:	164.1°	3000K	0.93
Color Temperature:	4000K	2700K	0.92
CRI:	90		
Lumens Delivered:	1960.3		
CBCP:	680		
Power Factor:	0.99		



FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
6.0'	18.0'	18.9
8.0'	24.0'	10.6
10.0'	30.0'	6.8
12.0'	36.0'	4.7
14.0'	42.0'	3.5

COLOR TEMPERATURE GUIDE

