



JOB NAME:

CAT#:

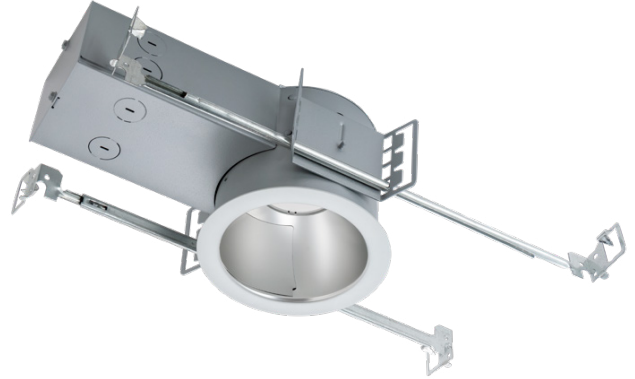
TYPE:

APPLICATIONS

Commercial shallow downlights are designed to provide premium features at a commercial value. The Open precision spun reflector provides a medium distribution and sharp light cutoff. Standard 0-10V 10% dimming driver; optional drivers available.

US cold-rolled steel housing. Knock outs for through wiring. Mounting ears accept standard hanger bars 14" - 24" (included). Adjustable mounting ears and junction box.

Precision spun reflector. Reflectors available in Alzak® and painted finishes. Distribution is free of streaks, striations and hotspots. Medium distribution or 45° Cutoff.

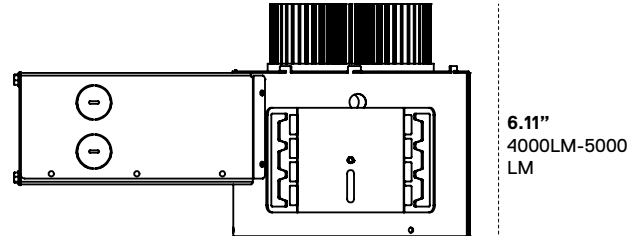
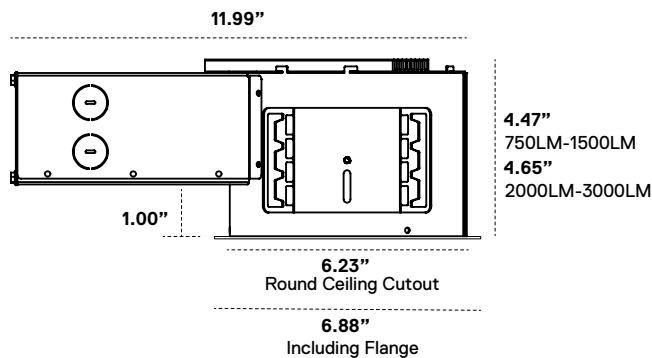


FEATURES & BENEFITS

- 750 - 4000 lumens
- 2700K - 5000K CCT
- 80 CRI with 3 SDCM color consistency (+90 CRI optional)
- Standard 0-10V 10% dimming driver; optional drivers available
- Minimum 50,000 hour lifetime at L70
- -20°C to 30°C Ambient Operating Temperature Range
- Chicago Plenum. Up to 4000 lumens.
- ETL certified to UL 1598 and UL8750 requirements
- Tested according to LM-79 and LM-80 standards
- Suitable for damp locations; Wet location under covered ceiling
- Buy American Act (BAA)
- 5-year limited warranty on LED module and driver

DIMENSIONS

New Construction





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ORDERING

EXAMPLE: V6OFCR U 11 30K F6060 SCL-R

1. SERIES	2. VOLTAGE	3. LUMENS	4. COLOR TEMP	5. REFLECTOR
V6OFCR	U 120V-277V	07 750 11 1100 15 1500 20 2000 30 3000 40 4000	27K 2700K 80 CRI 30K 3000K 80 CRI 35K 3500K 80 CRI 40K 4000K 80 CRI 50K 5000K 80 CRI	F6060 ¹ Medium 60° Open Reflector F6019 ² Non-Conductive Shower Trim
6. REFLECTOR FINISH ¹	7. OPTIONS			
SCL Specular Clear	TDM Triac (Forward Phase, 120V only) dimming driver			
SGC Soft Glow Clear	HCR High CRI, 90+ minimum. Not available in 5000 Kelvin			
WHT White Matte	PF Polished Flange			
	REM Emergency battery back-up. Remote test button & indicator			
	CP light. Chicago Plenum. Up to 4000 lumens			

1. All trims supplied standard with white painted flange. See illustration 1.2
2. See illustration 1.1

NOTE: Values shown are typical or recorded under standardized conditions at 25°C. Actual performance may vary based on environment or application. Specifications are subject to change without notice. We reserve the right to change design, materials, LED's and finish in any way that will not alter installed appearance or reduce function and performance.





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ILLUSTRATION 1.1

Non-Conductive Shower Trim - F6019

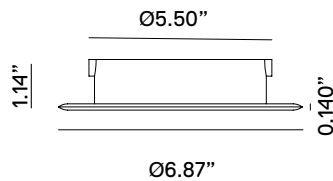


ILLUSTRATION 1.2

Reflector Finishes



WHT
White Matte



SGC
Soft Glow Clear



SCL
Specular Clear

PERFORMANCE

Lumens

Nominal Lumens	Delivered Lumens	Wattage	Lumens Per Watt
750	720	9.4	76.6
1100	1057	15.4	68.64
1500	1441	21.6	66.71
2000	1921	25.8	74.46
3000	2876	33.39	86.13
4000	3592	45.6	78.77

All measured at 3500K with a standard medium distribution
*Actual Wattage/Lumens may vary.

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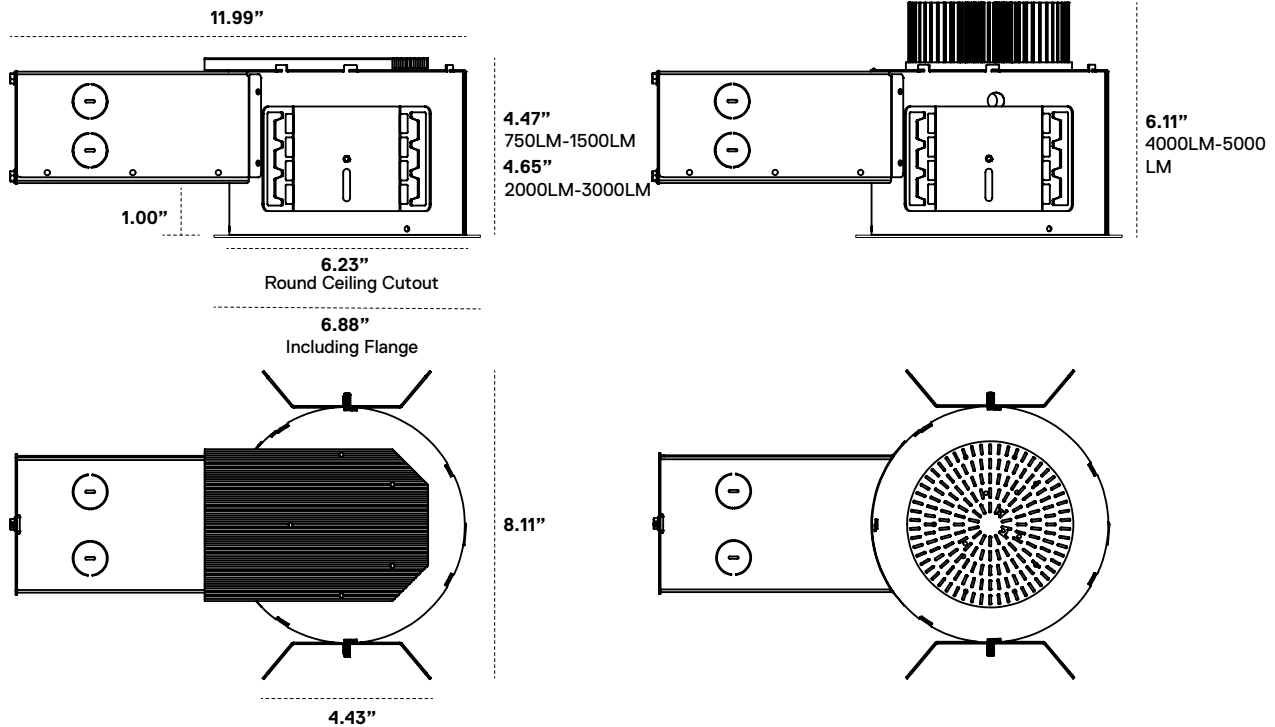
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DRAWINGS & IMAGES

New Construction





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PHOTOMETRICS

MEDIUM - MD 2035K

Model

V6OFCR-2035K-F6060-SCL

Lumens

1,921

Watts

25.8

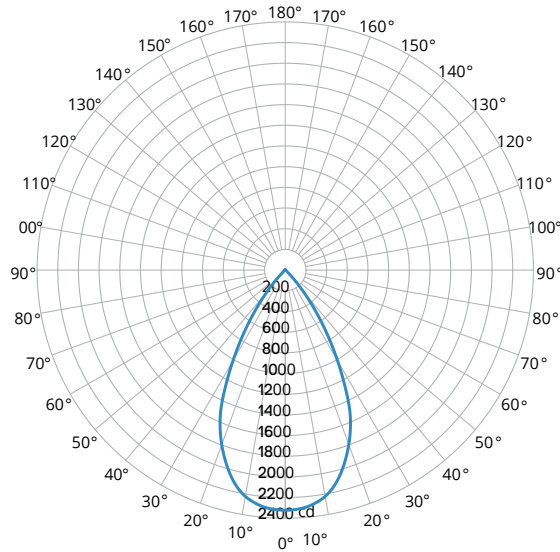
Efficacy

74.46

SC

0.89

Candela Curve



Cone of Light

Mounting Height AFF	FC at Center on Floor	Beam Diameter
8.0 '	36 fc	8.6 '
10.0 '	23 fc	10.8 '
12.0 '	16 fc	12.9 '
14.0 '	12 fc	15.1 '
16.0 '	9 fc	17.2 '
20.0 '	6 fc	21.5 '
24.0 '	4 fc	25.8 '
30.0 '	3 fc	32.3 '

Candela Table

	0.00°
0.00°	2,322
5.00°	2,302
10.00°	2,223
15.00°	2,050
20.00°	1,796
30.00°	1,010
40.00°	275
50.00°	25
60.00°	10
70.00°	5
80.00°	2
90.00°	0

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0° - 30°	1,442	75%
0° - 40°	1,819	95%
0° - 60°	1,910	99%
60° - 90°	11	1%
0° - 20°	788	41%
20° - 50°	1,107	58%
50° - 70°	22	1%
70° - 90°	4	0%
0° - 90°	1,921	100%
90° - 180°	0	0%
Total	1,921	100%

Spacing Criterion

Height	Spacing	Light Level*
8 ft	7.1 ft	~ 36 fc
10 ft	8.9 ft	~ 23 fc
12 ft	10.7 ft	~ 16 fc
8 ft	5.3 ft	~ 65 fc
10 ft	6.7 ft	~ 41 fc
12 ft	8.0 ft	~ 29 fc
8 ft	3.6 ft	~ 145 fc
10 ft	4.5 ft	~ 93 fc
12 ft	5.3 ft	~ 65 fc

* approximate direct light level at floor based on spacing criterion overlap

MULTIPLIER

CRI	Multiplier	Kelvin	Multiplier	Reflector Finish	Multiplier
80	1	2700K	0.939	SCL	1
90	0.81	3000K	0.975	SGC	0.95
		3500K	1	WHT	0.87
		4000K	1.035		
		5000K	1.098		