



JOB NAME:

CAT#:

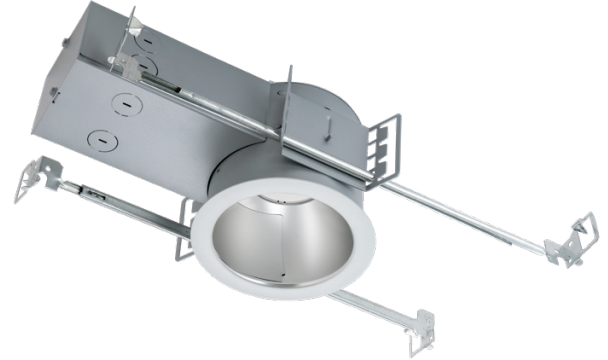
TYPE:

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.

Galvanized steel frame with integrated junction box. Knock outs for through wiring. Mounting ears accept standard hanger bars 14" - 24" (included). Adjustable mounting ears and junction box.

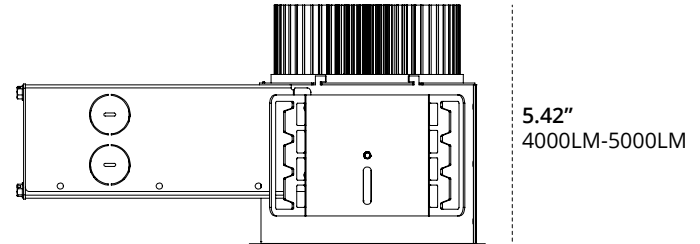
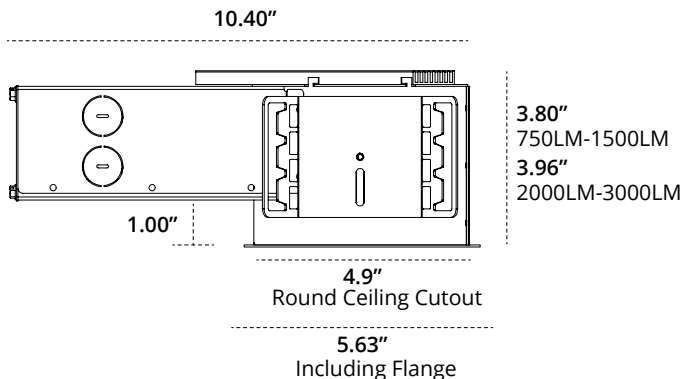
Precision spun reflector. Reflectors available in Alzak® and painted finishes. Distribution is free of streaks, striations and hotspots. 60° Medium distribution or 45° Cutoff.



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
- 120V - 277V Input Volts
- 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





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ORDERING

EXAMPLE: V4OFCR U 11 30K F4060 SCL

| 1. SERIES | 2. VOLTAGE | 3. LUMENS | 4. COLOR TEMP | 5. REFLECTOR |
|-----------|-------------|---------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| V4OFCR | 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 | F4060 ¹ Medium Open Reflector F4019 ² Non-Conductive Shower Trim |

6. REFLECTOR FINISH¹

| | |
|-----|-----------------|
| SCL | Specular Clear |
| SGC | Soft Glow Clear |
| WHT | White Matte |

7. OPTIONS

| | |
|-----|-----------------------------------------------------------------|
| TDM | Triac (Forward Phase, 120V only) dimming driver |
| HCR | High CRI, 90+ minimum. Not available in 5000 Kelvin |
| PF | Polished Flange |
| REM | Emergency battery back-up. Remote test button & indicator light |
| CP | 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 - F4019



ILLUSTRATION 1.2



PERFORMANCE

Lumens

| Nominal Lumens | Delivered Lumens | Wattage | Lumens Per Watt |
|-----------------------------------------------------------------------------------------------|------------------|---------|-----------------|
| 750 | 685 | 8.88 | 77.14 |
| 1100 | 1176 | 15.4 | 76.36 |
| 1500 | 1604 | 20.5 | 78.24 |
| 2000 | 2260 | 25.3 | 89.33 |
| 3000 | 2876 | 33.39 | 86.13 |
| 4000 | 4126 | 46.0 | 89.69 |
| All measured at 3500K with a standard medium distribution *Actual Wattage/Lumens may vary. | | | |

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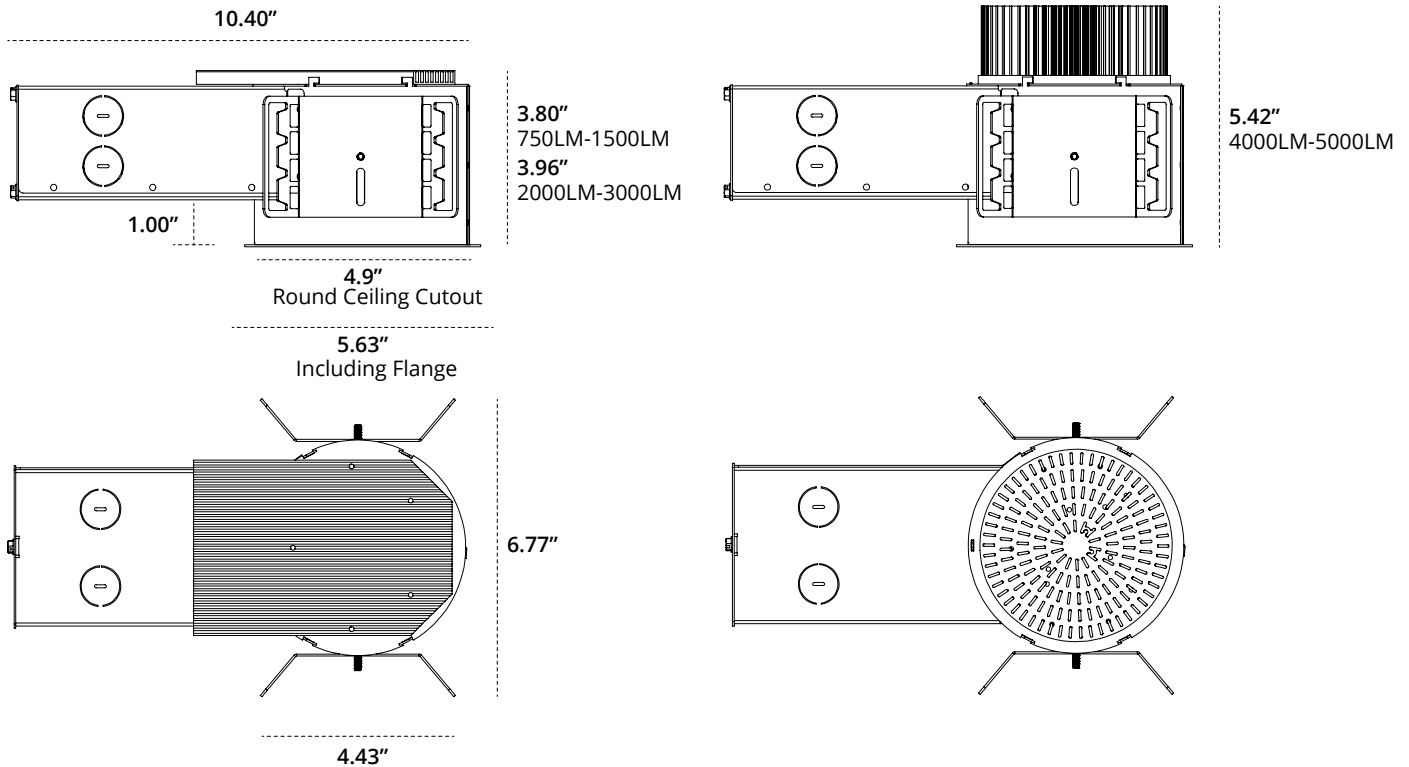
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DRAWINGS & IMAGES

New Construction



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PHOTOMETRICS

MEDIUM - 60° 2035K

Model

V4OFCR-2035K-F4060-SCL

Lumens

2,260

Watts

25.3

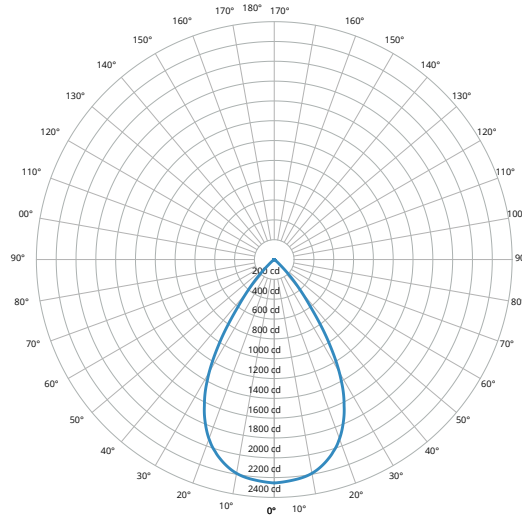
Efficacy

89.33

SC

0.99

Candela Curve



Cone of Light

| Mounting Height AFF | FC at Center on Floor | Beam Diameter |
|---------------------|-----------------------|---------------|
| 8.0 ' | 35 fc | 10.0 ' |
| 10.0 ' | 23 fc | 12.5 ' |
| 12.0 ' | 16 fc | 15.0 ' |
| 14.0 ' | 12 fc | 17.5 ' |
| 16.0 ' | 9 fc | 20.0 ' |
| 20.0 ' | 6 fc | 24.9 ' |
| 24.0 ' | 4 fc | 29.9 ' |
| 30.0 ' | 3 fc | 37.4 ' |

Candela Table

| | |
|--------|-------|
| 0.00° | 2,254 |
| 0.00° | 2,233 |
| 5.00° | 2,088 |
| 15.00° | 0 |
| 90.00° | 0 |

Zonal Lumen Summary

| Zone | Lumens | % Luminaire |
|------------|--------|-------------|
| 0° - 30° | 1,556 | 69% |
| 0° - 40° | 2,084 | 93% |
| 0° - 60° | 2,238 | 99% |
| 60° - 90° | 22 | 1% |
| 0° - 20° | 800 | 36% |
| 20° - 50° | 1,477 | 66% |
| 50° - 70° | 45 | 2% |
| 70° - 90° | 9 | 0% |
| 0° - 90° | 2,253 | 100% |
| 90° - 180° | 0 | 0% |
| Total | 2,253 | 100% |

Spacing Criterion

| Height | Spacing | Light Level* |
|--------|---------|--------------|
| 8 ft | 7.9 ft | ~ 35 fc |
| 10 ft | 9.9 ft | ~ 23 fc |
| 12 ft | 11.9 ft | ~ 16 fc |
| 8 ft | 5.9 ft | ~ 63 fc |
| 10 ft | 7.4 ft | ~ 40 fc |
| 12 ft | 8.9 ft | ~ 28 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 | | |