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|---------|-------------|
| Part # | Prepared By |
| Project | Notes |
| Type | |
| Date | |



6" Round, F-Class Commercial

Open, LED Wall Wash, 750-4000 Lumens



Description

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

Features & Construction

ELECTRICAL SYSTEM

- 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
- 120 - 277V
- Minimum 50,000 hour lifetime at L70
- -20°C to 30°C Ambient Operating Temperature Range

OPTICS

- Precision spun reflector with integrated 'kicker plate'
- Reflectors available in Alzak® and painted finishes
- Distribution is free of streaks, striations and hotspots
- Medium distribution
- 45° Cutoff

FRAME & MOUNTING

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

Listings

- 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

Warranty & Notes

- 5-year limited warranty on LED module and driver
- www.vantageltg.com/product-warranty
- Photometric tests performed by an accredited NVLP facility and in accordance to IESNA LM-79-2008 testing procedures
- Insulation cannot be in direct contact with luminaire

Lumens

| Nominal Lumens | Delivered Lumens | Wattage | Lumens Per Watt |
|----------------|------------------|---------|-----------------|
| 750 | 746 | 9.4 | 79.36 |
| 1100 | 1094 | 15.4 | 71.04 |
| 1500 | 1492 | 21.6 | 69.07 |
| 2000 | 1989 | 26.07 | 76.29 |
| 3000 | 2983 | 32.2 | 92.64 |
| 4000 | 3977 | 45.6 | 87.21 |

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

Ordering Information

EXAMPLE: V6OFCRWW1-0735K-F6160-SGC-HCR

| | | - | | | - | | - | | |
|----------|---|---|---|--|--|--|---|--|--|
| Series | Voltage | | Lumens | Kelvin (CCT) | Reflector | Reflector Finish | | Options* | |
| V6OFCRWW | U - 120V-277V* *Universal Voltage only available with ZDM-1% Driver. 1 - 120V** 2 - 277V** **Must specify voltage when standard SDM 10% is selected. TDM (triac) is 120V only. | | 07 - 750 11 - 1100 15 - 1500 20 - 2000 30 - 3000 40 - 4000 | 27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K 50K - 5000K | F6160 Wall Wash Open Reflector | SCL Specular Clear SGC Soft Glow Clear WHT White Matte | | SDM ZDM TDM HCR PF REM CP | |

*Options Notes

SDM - 0-10V 10% dimming driver (standard, Must Specify Voltage as 120V or 277V)

ZDM - 0-10V 1% dimming driver (Universal Voltage).

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.

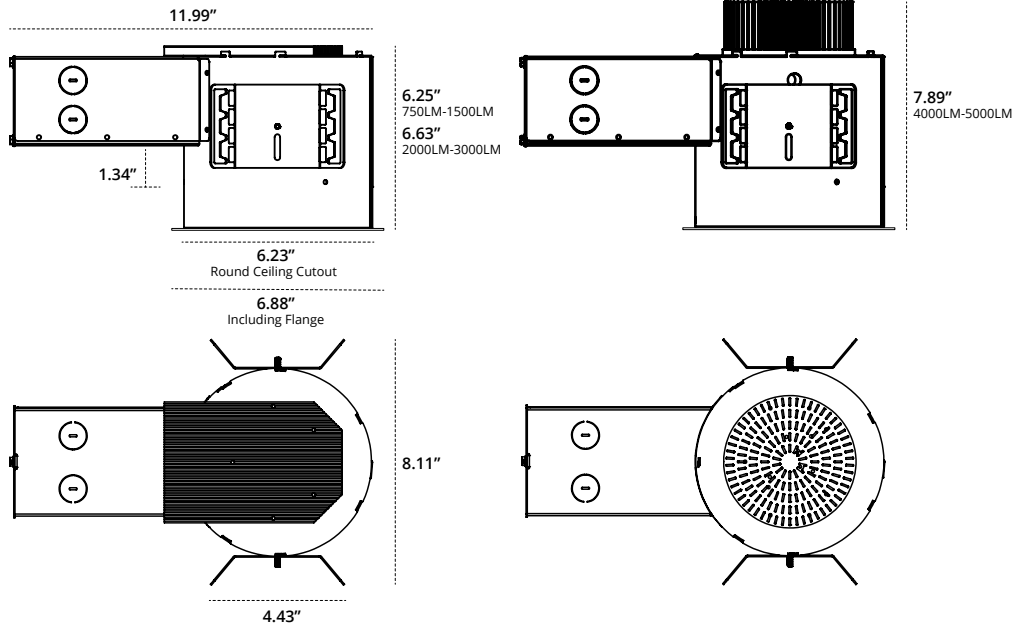
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F-CLASS
Commercial

Dimensional Data

New Construction



WALL WASH - WW 2035K

Model
V6OFCRWW-2035K-F6160-SCL

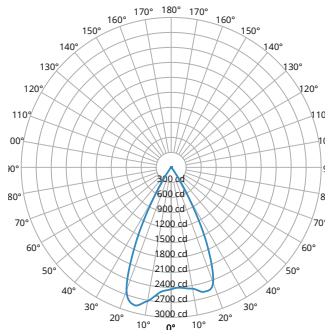
Lumens
1,989

Watts
26.07

Efficacy
76.29

SC
0.93

Candela Curve



Cone of Light

| Mounting Height AFF | FC at Center on Floor | Beam Diameter |
|---------------------|-----------------------|---------------|
| 8.0 ' 8.0' | 38 fc | 7.9 ' 7.9' |
| 10.0 ' 10.0' | 24 fc | 9.9 ' 9.9' |
| 12.0 ' 12.0' | 17 fc | 11.8 ' 11.8' |
| 14.0 ' 14.0' | 12 fc | 13.8 ' 13.8' |
| 16.0 ' 16.0' | 10 fc | 15.8 ' 15.8' |
| 20.0 ' 20.0' | 6 fc | 19.7 ' 19.7' |
| 24.0 ' 24.0' | 4 fc | 23.7 ' 23.7' |
| 30.0 ' 30.0' | 3 fc | 29.6 ' 29.6' |

Candela Table

| | 0.00° |
|--------|-------|
| 0.00° | 2,438 |
| 5.00° | 2,420 |
| 10.00° | 2,464 |
| 15.00° | 2,575 |
| 20.00° | 2,450 |
| 30.00° | 720 |
| 40.00° | 38 |
| 50.00° | 14 |
| 60.00° | 9 |
| 70.00° | 7 |
| 80.00° | 6 |
| 90.00° | 5 |

Zonal Lumen Summary

| Zone | Lumens | % Luminaire |
|------------|--------|-------------|
| 0° - 30° | 1,705 | 86% |
| 0° - 40° | 1,881 | 95% |
| 0° - 60° | 1,922 | 97% |
| 60° - 90° | 20 | 1% |
| 0° - 20° | 986 | 50% |
| 20° - 50° | 923 | 47% |
| 50° - 70° | 21 | 1% |
| 70° - 90° | 12 | 1% |
| 0° - 90° | 1,941 | 98% |
| 90° - 180° | 34 | 2% |
| Total | 1,975 | 100% |

Spacing Criterion

| Height | Spacing | Light Level* |
|--------|---------|--------------|
| 8 ft | 7.4 ft | ~ 38 fc |
| 10 ft | 9.3 ft | ~ 24 fc |
| 12 ft | 11.2 ft | ~ 17 fc |
| 8 ft | 5.6 ft | ~ 68 fc |
| 10 ft | 7.0 ft | ~ 43 fc |
| 12 ft | 8.4 ft | ~ 30 fc |
| 8 ft | 3.7 ft | ~ 152 fc |
| 10 ft | 4.7 ft | ~ 98 fc |
| 12 ft | 5.6 ft | ~ 68 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 | | |

Vantage reserves the right to change components, finishes or design details in any manner which does not alter the installed appearance or reduce performance and intended function.