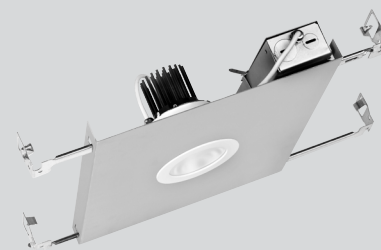


|         |             |
|---------|-------------|
| Part #  | Prepared By |
| Project | Notes       |
| Type    |             |
| Date    |             |



## 2" Capela® Series

Lensed Round, 700-1300 lumens - Shallow Housing



### Description

Capela® Series small-aperture architectural shallow downlights provide a modern aesthetic and high-end performance. Lensed Capela® Series downlights use either a frosted polycarbonate or prismatic polycarbonate lens and have available 15°, 30°, and 45° beam spreads. New Construction, IC-Rated and Remodeler housing options available.

### Features & Construction

#### ELECTRICAL SYSTEM

- Advanced QuickConnect, Class II wiring for easy installation
- 700, 1300 lumens
- 2700K - 4000K CCT
- High-performance Dim-to-Warm optional
- Standard 0-10V 1% dimming driver
- 0-10V to 0.1% &, Lutron, & Triac/Forward phase optional
- High flux CoB array
- 80 CRI with 3 SDCM color consistency (+90 CRI optional)
- Minimum 50,000 hour lifetime at L70
- 120V - 277V Universal input standard

#### OPTICS

- Specular Clear inner reflector finish
- Efficient optical design
- 15°, 30°, and 45° beam spreads
- Frosted Polycarbonate and Prismatic polycarbonate lens options

#### FRAME & MOUNTING

- Self-flanged cold-rolled steel housing
- Polyester powder coat
- Torsion springs for maximum ceiling retention
- Optional IC-rated up to 1,300 lumens With IC Box (NCFIC)
- Optional new construction frame (NCFAQ)

### 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 (BAA)

### 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 contact with non-IC-Rated versions

### Performance

#### OUTPUT

| Nominal Lumens | Wattage | All measured at 3500K with a standard medium distribution<br>*Actual Wattage/Lumens may vary. |
|----------------|---------|-----------------------------------------------------------------------------------------------|
| 700            | 7.56    |                                                                                               |
| 1300           | 12.7    |                                                                                               |

#### EMERGENCY LUMEN OUTPUT

| Nominal Lumens | Wattage | All measured at 3500K with a standard medium distribution<br>*Actual Wattage/Lumens may vary. |
|----------------|---------|-----------------------------------------------------------------------------------------------|
| 300            | 2.5     |                                                                                               |

#### DIM-TO-WARM PERFORMANCE

| Nominal Lumens | 100%    |      |     |    | 1%      |      |     |    |
|----------------|---------|------|-----|----|---------|------|-----|----|
|                | Wattage | CCT  | CRI | R9 | Wattage | CCT  | CRI | R9 |
| 700            | 9.7     | 3100 | 95  | 85 | 2.9     | 1800 | 95  | 85 |
| 1300           | 13.2    | 3100 | 95  | 85 | 3.3     | 1800 | 95  | 85 |

### Ordering Information

EXAMPLE: V2CER-0730K-L2071FR-SCL-N-WHT-NCFAQ-XDM

| V2CER  |                                                                                                                                       |                       |                                                                                             |                                                                           | SCL                   |                                                          |                                              |                                                                                                                 |                                                                        |
|--------|---------------------------------------------------------------------------------------------------------------------------------------|-----------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|-----------------------|----------------------------------------------------------|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|
| Series | Voltage                                                                                                                               | Lumens                | Kelvin                                                                                      | Reflector                                                                 | Finish                | Distribution                                             | Flange Finish                                | Frame                                                                                                           | Options*                                                               |
| V2CER  | U - 120V-277V*<br>1 - 120 V<br>3 - 347V**<br><br>*Must provide voltage when optional drivers are selected.<br>**Step-down transformer | 07 - 700<br>13 - 1300 | 27K - 2700K<br>30K - 3000K<br>35K - 3500K<br>40K - 4000K<br>DTW - Dim-to-Warm (3000K-1800K) | L2071FR<br>Frosted Polycarbonate<br><br>L2074P<br>Prismatic Polycarbonate | SCL<br>Specular Clear | N - Narrow 15°<br><br>M - Medium 30°<br><br>W - Wide 45° | WHT<br>White Matte<br><br>BLK<br>Black Matte | NCFAQ<br>New Construction Frame<br><br>NCFIC<br>New Construction Frame w/ IC-RATED Box<br><br>RMDL<br>Remodeler | XDM<br>ZDM<br>TDM<br>DL-2<br>DL-3<br>LDE1<br>LDE5<br>PEQO<br>HCR<br>EM |

#### \*Options Notes

SDM - 0-10V 10% dimming driver (standard)  
 XDM - 0-10V 0.1% dimming driver  
 ZDM - 0-10V 1% dimming driver  
 TDM - Triac (Forward-Phase) dimming driver  
 DL-2 - Lutron 2-Wire Hi-Lume dimming driver  
 DL-3 - Lutron 3-Wire Hi-Lume dimming driver  
 LDE1 - Lutron EcoSystem Digital Fade-to-Black 1% dimming driver  
 LDE5 - Lutron EcoSystem 5% dimming driver  
 PEQO - Lutron EcoSystem Fade-to-Black 0.1% dimming driver  
 HCR - High CRI, 90+  
 EM - Remote emergency battery back-up, remote test button & indicator light

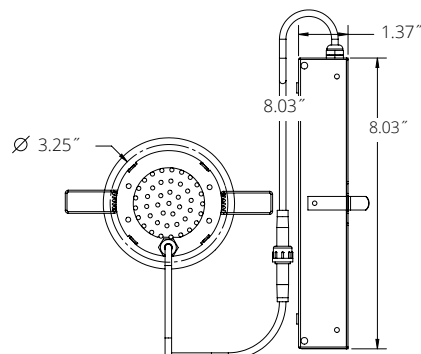
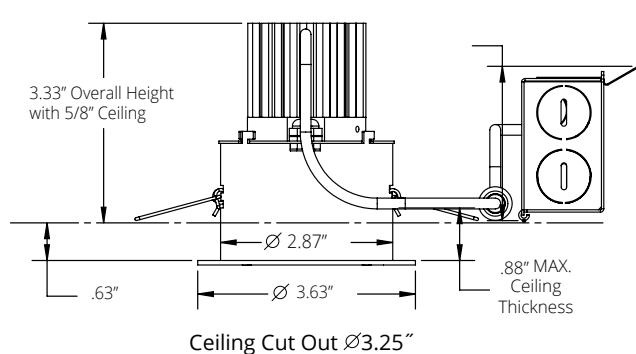
# 2" Capela® Series

## Lensed Round, 700-1300 lumens - Shallow Housing

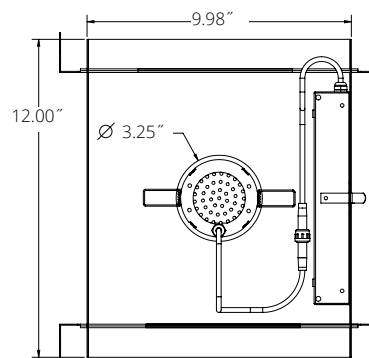
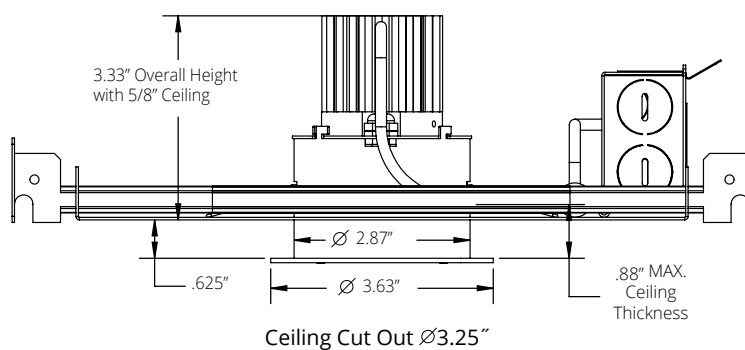
Capela®  
SERIES

### Dimensional Data

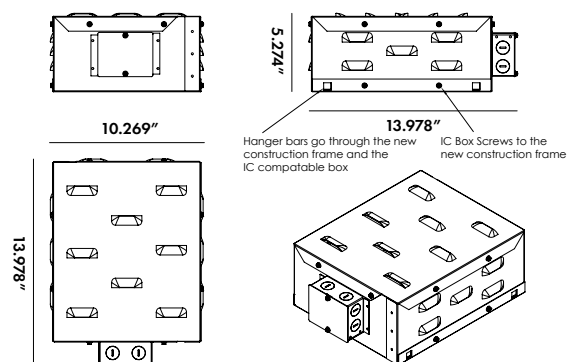
RMDL  
(standard)



NCFAQ  
(new construction frame)



NCFIC  
(IC-RATED)



RMDL  
(standard)



NCFAQ  
(new construction frame)



\*New construction frame sold separately

NCFIC  
(IC-RATED)



\*IC-RATED box sold separately

# 2" Capela® Series

## Lensed Round, 700-1300 lumens - Shallow Housing

Capela®  
SERIES

### Photometry

#### 15° Distribution

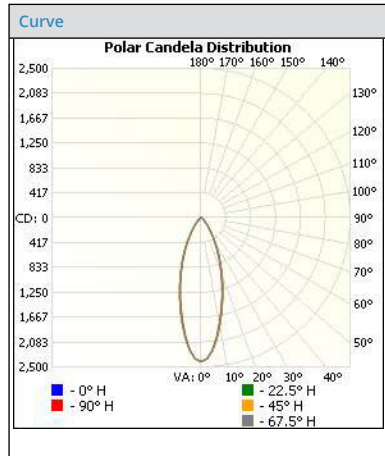
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103233437CRT-012

Model  
V2CERU-1335-N

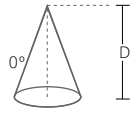
Lumens  
1238.4

Efficacy  
90.0

SC  
0.989

Cone of Light



|      | Center Beam fc | Beam Width |     |
|------|----------------|------------|-----|
| 1.7  | 835            | 1.1        | 1.0 |
| 3.3  | 221            | 2.1        | 2.0 |
| 5.0  | 96.5           | 3.1        | 3.0 |
| 6.7  | 53.7           | 4.2        | 4.1 |
| 8.3  | 35.0           | 5.2        | 5.0 |
| 10.0 | 24.1           | 6.2        | 6.0 |

Candela Table

| Degrees Vertical | Candela |
|------------------|---------|
| 0.0              | 2412    |
| 5.0              | 2224    |
| 10.0             | 1806    |
| 15.0             | 1386    |
| 20.0             | 1014    |
| 25.0             | 707     |
| 30.0             | 461     |
| 35.0             | 281     |
| 40.0             | 165     |
| 45.0             | 98      |
| 50.0             | 62      |
| 55.0             | 42      |
| 60.0             | 31      |
| 65.0             | 24      |
| 70.0             | 18      |
| 75.0             | 14      |
| 80.0             | 10      |
| 85.0             | 6       |
| 90.0             | 0       |

Zonal Lumen Summary

| Zone   | Lumens | % Luminaire |
|--------|--------|-------------|
| 0-30   | 900.7  | 72.7        |
| 0-40   | 1078.0 | 87.0        |
| 10-60  | 1195.3 | 96.5        |
| 60-90  | 43.1   | 3.5         |
| 0-90   | 1238.4 | 100.0       |
| 90-180 | 0.0    | 0.0         |
| 0-180  | 1238.4 | 100.0       |

#### 30° Distribution

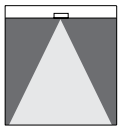
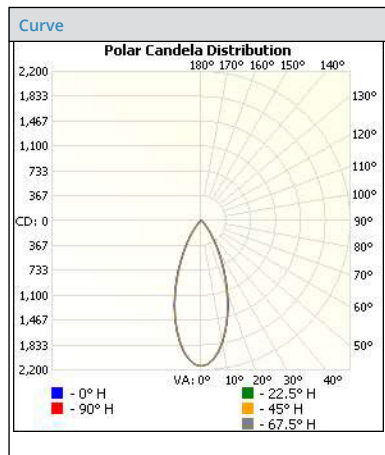
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Model  
V2CERU-1335K-M

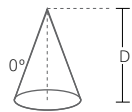
Lumens  
1248.7

Efficacy  
89.8

SC  
0.989

Cone of Light



|      | Center Beam fc | Beam Width |     |
|------|----------------|------------|-----|
| 1.7  | 441            | 1.2        | 1.2 |
| 3.3  | 117            | 2.4        | 2.4 |
| 5.0  | 51.0           | 3.6        | 3.6 |
| 6.7  | 28.4           | 4.8        | 4.8 |
| 8.3  | 18.5           | 6.0        | 6.0 |
| 10.0 | 12.7           | 7.2        | 7.2 |

Candela Table

| Degrees Vertical | Candela |
|------------------|---------|
| 0.0              | 1274    |
| 5.0              | 1227    |
| 10.0             | 1092    |
| 15.0             | 885     |
| 20.0             | 625     |
| 25.0             | 352     |
| 30.0             | 140     |
| 35.0             | 19      |
| 40.0             | 8       |
| 45.0             | 4       |
| 50.0             | 1       |
| 55.0             | 0       |
| 60.0             | 0       |
| 65.0             | 0       |
| 70.0             | 0       |
| 75.0             | 0       |
| 80.0             | 0       |
| 85.0             | 0       |
| 90.0             | 0       |

Zonal Lumen Summary

| Zone   | Lumens | % Luminaire |
|--------|--------|-------------|
| 0-30   | 850.4  | 65.0        |
| 0-40   | 1104.2 | 84.4        |
| 10-60  | 1274.1 | 97.4        |
| 60-90  | 33.9   | 2.6         |
| 0-90   | 1308.0 | 100.0       |
| 90-180 | 0.0    | 0.0         |
| 0-180  | 1308.0 | 100.0       |

#### 45° Distribution

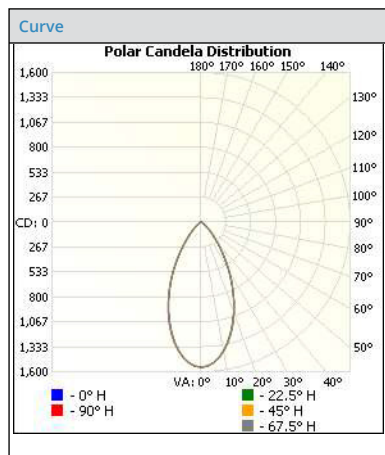
Test Number  
103233437CRT-008

Model  
V2CERU-1335K-W

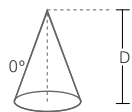
Lumens  
1308.0

Efficacy  
94.7

SC  
0.989

Cone of Light



|      | Center Beam fc | Beam Width |     |
|------|----------------|------------|-----|
| 1.7  | 536            | 1.6        | 1.6 |
| 3.3  | 142            | 3.2        | 3.2 |
| 5.0  | 62.0           | 4.8        | 4.9 |
| 6.7  | 34.5           | 5.5        | 5.5 |
| 8.3  | 22.5           | 8.0        | 8.1 |
| 10.0 | 15.5           | 9.6        | 9.7 |

Candela Table

| Degrees Vertical | Candela |
|------------------|---------|
| 0.0              | 1550    |
| 5.0              | 1507    |
| 10.0             | 1392    |
| 15.0             | 1224    |
| 20.0             | 1020    |
| 25.0             | 807     |
| 30.0             | 591     |
| 35.0             | 393     |
| 40.0             | 240     |
| 45.0             | 138     |
| 50.0             | 78      |
| 55.0             | 46      |
| 60.0             | 28      |
| 65.0             | 19      |
| 70.0             | 13      |
| 75.0             | 8       |
| 80.0             | 4       |
| 85.0             | 2       |
| 90.0             | 0       |

Zonal Lumen Summary

| Zone   | Lumens | % Luminaire |
|--------|--------|-------------|
| 0-30   | 514.9  | 94.8        |
| 0-40   | 539.7  | 99.4        |
| 10-60  | 543.1  | 100.0       |
| 60-90  | 0.0    | 0.0         |
| 0-90   | 543.1  | 100.1       |
| 90-180 | 0.0    | 0.0         |
| 0-180  | 543.1  | 100.0       |

#### CAPELA Lumen Output Multipliers

| CRI | MULTIPLIER |
|-----|------------|
| 80  | 1          |
| 90  | 0.82       |

| KELVIN | MULTIPLIER |
|--------|------------|
| 4000K  | 1.036      |
| 3500K  | 1          |
| 3000K  | 0.974      |
| 2700K  | 0.94       |

| FINISH | MULTIPLIER |
|--------|------------|
| SCL    | 1          |
| SGC    | 0.95       |
| WHT    | 0.87       |