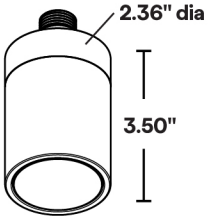
# VOYA DOWN LIGHT 2.5" COB WARM DIM

12VAC COB Down LED

FPO




- Specification-grade, flood/accent lighting with best-in-class lumen output, color quality, dimming performance, and optical control
- Available in ultra-durable powder-coated 6061 aluminum, polished brass, or polished 316L stainless steel
- Flexible tree, surface, wall and ground mounting options support diverse installations
- Warm dim technology shifts from 3000K to a candlelit 1800K
- Wet listed for exterior applications

| 1 PRODUCT | 2 CRI | 3 CCT | 4 SNOOT | 5 COB | 6 BEAM ANGLE | 7 MATERIAL | 8 FINISH | 9 WATTAGE | 10 OUTPUT SETTING | 11 WEEP HOLE | 12 ACCESSORY 1 | 13 ACCESSORY 2 | 14 ACCESSORY 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VOYA-DL-2.5-COB-12VAC-WD | 95 | 18/30 | | COB | | | | 09 | N/A | N/A | | | |

Sample Part Number: **VOYA-DL-2.5-COB-12VAC-WD-95-18/30-30D-COB-40-B-P-09-N/A-N/A-LS-LV-N/A**

### 1 PRODUCT

| | |
|---|---|
| **VOYA-DL-2.5-COB-12VAC-WD** | |

### 2 CRI

| | |
|---|---|
| **95** | |

### 3 CCT

| | |
|---|---|
| **18/30** | 1800K/3000K |

### 4 SNOOT

| | |
|---|---|
| **FL** | Flush |
| **HR** | 0.5" Regress |
| **1R** | 1" Regress |
| **30D** | 30 Degree |
| **45D** | 45 Degree |
| **60D** | 60 Degree |

### 5 COB

| | |
|---|---|
| **COB** | All Other |

### 6 BEAM ANGLE

| | |
|---|---|
| **20** | 20 Degree |
| **26** | 26 Degree |
| **40** | 40 Degree |
| **55** | 55 Degree |

### 7 MATERIAL

| | |
|---|---|
| **A** | 6061 Aluminum Anodized and Powder Coated |
| **B** | Brass H59 |
| **SS** | Stainless Steel 316L |

### 8 FINISH

| | |
|---|---|
| **BG** | Beige |
| **BB** | Black Bronze |
| **BK** | Black |
| **BKT** | Black Texture |
| **BZ** | Bronze |
| **BZT** | Bronze Texture |
| **SL** | Silver |
| **WH** | White |
| **CU** | Custom |

Lead times differ. BZT parts are readily available. All other standard finishes are painted upon order. Custom finishes: consult factory

| | |
|---|---|
| **P** | Polished |

Brass and Stainless Steel have longer lead times: consult factory

### 9 WATTAGE

| | |
|---|---|
| **09** | 9.5 Watts |

Refer to delivered lumen output on following pages

### 10 OUTPUT SETTING

| | |
|---|---|
| **N/A** | Not available for these wattages |

### 11 WEEP HOLE

| | |
|---|---|
| **N/A** | No Weep Hole |

### 12 ACCESSORY 1

| | |
|---|---|
| **SP** | Spread Lens |
| **LS** | Linear Spread Lens |
| **WW** | Wall Wash Lens |
| **LV** | Honeycomb Louver |
| **N/A** | No Accessory |

Retaining Ring included with each accessory. Accessories not compatible with GZR options.

### 13 ACCESSORY 2

| | |
|---|---|
| **SP** | Spread Lens |
| **LS** | Linear Spread Lens |
| **WW** | Wall Wash Lens |
| **LV** | Honeycomb Louver |
| **N/A** | No Accessory |

Retaining Ring included with each accessory. Accessories not compatible with GZR options.

### 14 ACCESSORY 3

| | |
|---|---|
| **SP** | Spread Lens |
| **LS** | Linear Spread Lens |
| **WW** | Wall Wash Lens |
| **LV** | Honeycomb Louver |
| **N/A** | No Accessory |

Retaining Ring included with each accessory. Accessories not compatible with GZR options.

PRELIMINARY SUBJECT TO CHANGE

5 year warranty | Warranty only valid with QTL power supplies | Field modifications void warranty | Data subject to change, all data has +/- 5% tolerance

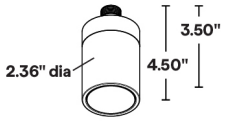
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Specification subject to change. Rev-11-06-26

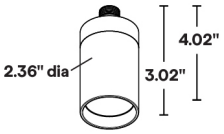
# VOYA DOWN LIGHT 2.5" COB WARM DIM

12VAC COB Down LED

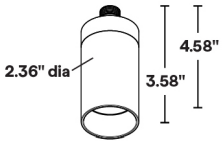
## 1 PRODUCT - DIMENSIONS



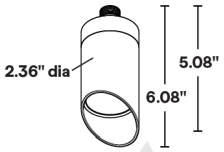

Flush Snoot (FL)



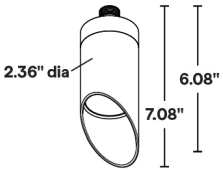

0.5" Regress Snoot (HR)



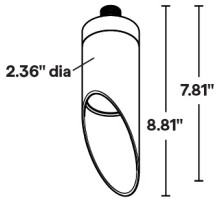

1" Regress Snoot (1R)



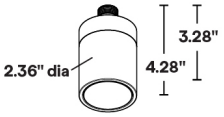

30 Degree Snoot (30D)




45 Degree Snoot (45D)




60 Degree Snoot (60D)




Grazer Snoot (GRZ)
*Only to be used with GRZ optics

## 5 DELIVERED LUMENS

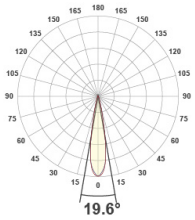
Tested with VOYA-2.5-COB-12VAC-WD-ST-95-30-FL at 9W

| COB - BEAM ANGLE | CCT | LUMENS | LM/W | PEAK INTENSITY (CD) | CRI Ra | CRI R9 | TM30 Rf | TM30 Rg |
|---|---|---|---|---|---|---|---|---|
| COB - 20° | 3229 | 585 | 61 | 3540 | 98 | 99 | 94 | 99 |
| COB - 26° | 3232 | 629 | 66 | 2892 | 98 | 99 | 94 | 100 |
| COB - 40° | 3249 | 629 | 66 | 1352 | 98 | 99 | 94 | 99 |
| COB - 55° | 3248 | 574 | 60 | 746 | 98 | 99 | 94 | 99 |

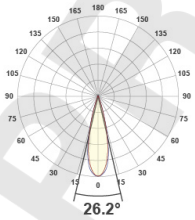
## PHOTOMETRIC PERFORMANCE

Nominal beam spread shown, beam spread varies based on light engine. For more detailed information, see photometric data.

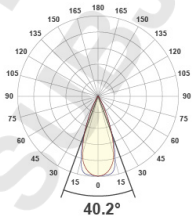
20°



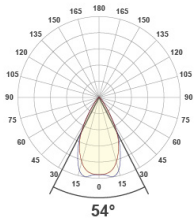

26°




40°




55°




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# VOYA DOWN LIGHT 2.5" COB WARM DIM

12VAC COB Down LED

## 8 FINISH

### ALUMINUM POWDER COAT FINISHES

Lead times differ. BZT parts are readily available. All other standard finishes are painted upon order.
Custom finishes: consult factory



Beige

Black

Black Texture

Bronze



Bronze Texture

Black Bronze

Silver

White

### BRASS AND STAINLESS STEEL POLISHED FINISHES

Brass and Stainless Steel have longer lead times: consult factory



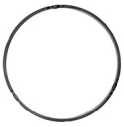
Polished Brass

Polished Stainless Steel

## 12/13/14 ACCESSORIES

Holds up to three accessories. Retaining Ring included with each accessory. Accessories not compatible GZR option.

**SP**



Spread Lens

To order separately use ACC-2.5-SP

**LS**



Linear Spread Lens

To order separately use ACC-2.5-LS

**WW**



Wall Wash Lens

To order separately use ACC-2.5-WW

**LV**



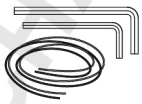
Honeycomb Louver

To order separately use ACC-2.5-LV



Retaining Ring

To order separately use ACC-2.5-RR



SNOOT INSTALL KIT

To order separately use VOYA-SNOOT-INSTALL-KIT

## COMPATIBLE GLARE CONTROL ACCESSORIES

**VOYA-2.5-45D-GLARE-SHIELD-YY-XX**




Adjustable 45° Glare Shield. See Spec Sheet for material (YY) and finish (XX) options

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# VOYA DOWN LIGHT 2.5" COB WARM DIM

12VAC COB Down LED

## COMPATIBLE POWER SUPPLIES

See power supplies cut sheets for more information. Data subject to change, all data has +/- 5% tolerance.

| DIMMING PROTOCOL | OUTDOOR |
|---|---|
| | LANDSCAPE LIGHTING |
| Phase | Q-HEX<br>Q-SET-1<br>Q-SET-2<br>Q-SET-3<br>QOMD<br>QOMS |

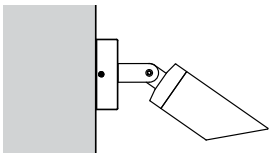
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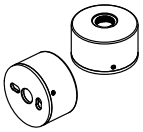
# VOYA DOWN LIGHT 2.5" MOUNT COMPATIBILITY

Landscape Lighting

### SURFACE/WALL

See Surface/Wall installation for dimensions and included hardware. Refer to the mount cut sheets for complete order codes regarding mount's options.





**Q-MT-11***

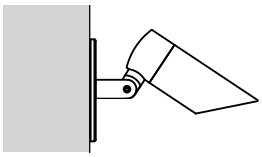
With Water Protection



**Q-MT-21**

### SURFACE/WALL J-BOX PLATES

See Surface/Wall J-Box Plate installation for dimensions and included hardware. Refer to the mount cut sheets for complete order codes regarding mount's options.





**Q-MT-25**

Compatible with 1 GANG RECESS J-BOX or 4/0 RECESSED J-BOX by others

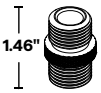


**Q-MT-27**

Compatible with 3/0 RECESSED J-BOX by others

### MOUNT ACCESSORIES

See Accessories installation for dimensions and included hardware.




**1/2 NPS**

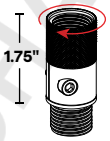



**AY-3 Riser Pole**




**AY-7**

No Water Protection




**(RA) ROTATIONAL ADAPTER**

With Water Protection

***Compatible with AY-3 Riser Pole**

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