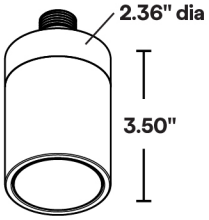
VOYA DOWN LIGHT 2.5" COB AMBER

24VDC 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
- Amber light meets Florida Wildlife Commission (FWC) standards for coastal lighting to prevent sea turtle hatchling disorientation
- Flexible tree, surface, wall and ground mounting options support diverse installations
- Field-adjustable output set on site via DIP switch
- 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-24VDC-A	N/A	A								N/A			

Sample Part Number: **VOYA-DL-2.5-COB-24VDC-A-N/A-A-HR-COB-40-B-P-06-350MA-N/A-LS-LV-N/A**

1 PRODUCT

VOYA-DL-2.5-COB-24VDC-A	

2 CRI

N/A	

3 CCT

A	Amber (>605nm peak)

4 SNOOT

FL	Flush
HR	0.5" Regress
1R	1" Regress
30D	30 Degree
45D	45 Degree
60D	60 Degree
GZR	Grazer

5 COB

COB	All Other
COB	All Other

6 BEAM ANGLE

20	20 Degree
26	26 Degree
40	40 Degree
55	55 Degree
GZR	Grazer

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
P	Polished

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

Brass and Stainless Steel have longer lead times: consult factory

9 WATTAGE

06	6.4 Watts
03	3.1 Watts

Refer to delivered lumen output on following pages

6W option includes on board dip switch for field adjustable output with 8 settings

Refer to delivered lumen output on following pages

10 OUTPUT SETTING

600MA	100% Output
350MA	58% Output
225MA	38% Output
150MA	25% Output
100MA	17% Output
70MA	12% Output
40MA	7% Output
10MA	2% Output
N/A	Not available for these wattages

Selection above is factory set. Current settings follow logarithmic reduction in output for linear perception, can be adjusted in the field

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

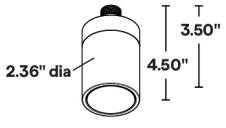
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Specification subject to change. Rev-11-06-26

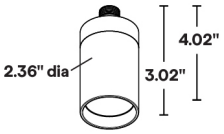
VOYA DOWN LIGHT 2.5" COB AMBER

24VDC COB Down LED

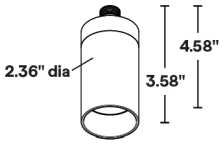
1 PRODUCT - DIMENSIONS



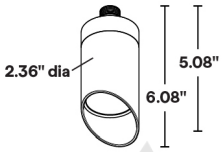
Flush Snoot (FL)



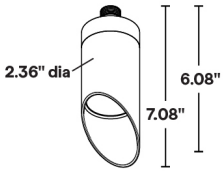
0.5" Regress Snoot (HR)



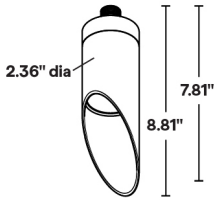
1" Regress Snoot (1R)



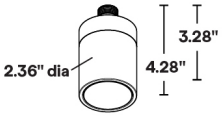
30 Degree Snoot (30D)



45 Degree Snoot (45D)



60 Degree Snoot (60D)



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

5 DELIVERED LUMENS

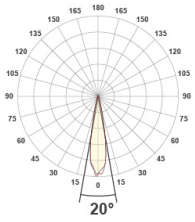
Tested with VOYA-2.5-COB-24VDC-A-ST-95-30-FL at 6W
Grazer COB and Beam Angle are tested with Grazer Snoot

COB - BEAM ANGLE	LUMENS	LM/W	PEAK INTENSITY (CD)	PEAK WAVELENGTH (nm)
COB - 20°	208	32	1302	613
COB - 26°	221	34	996	613
COB - 40°	218	34	473	613
COB - 55°	201	31	258	613
COB - GZR	203	31	634	613

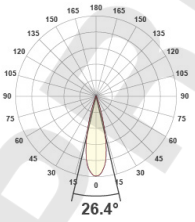
PHOTOMETRIC PERFORMANCE

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

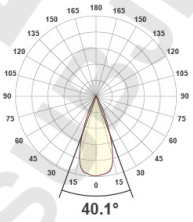
20°



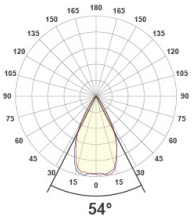
26°



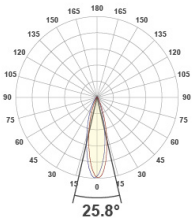
40°



55°



GZR



PRELIMINARY
SUBJECT TO CHANGE

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VOYA DOWN LIGHT 2.5" COB AMBER

24VDC 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

10 DIP SWITCH SETTINGS

VOYA-2.5-24VDC-COB-A

Output								
Rated Current(A)	10	40	70	100	150	225	350	600
DIP Code	⊥⊥⊥	⊤⊥⊥	⊥⊤⊥	⊥⊥⊤	⊤⊤⊥	⊤⊥⊤	⊥⊤⊤	⊤⊤⊤
Rated Power(W)	1.1	1.4	1.7	1.9	2.4	3.1	4.3	6.4

⊤ On ⊥ Off.

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



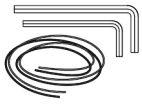
Honeycomb Louver

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 AMBER

24VDC COB Down LED

COMPATIBLE POWER SUPPLIES

Specify 0-10V or DALI for smoothest dimming performance. For phase dimming, ELV is recommended. See power supplies cut sheets for more information. Data subject to change, all data has +/- 5% tolerance.

DIMMING PROTOCOL	INDOOR	OUTDOOR
	VOYA 24VDC	VOYA 24VDC
Non-Dim	QT-CAB-eLED-ND QTM-DC+CAP QTM-eLED-ND QZ-ND	Q-HEX-mini Q-SET-QZ-ND Q-SET-eLED-ND Q-SET-mLED QOM-DC+CAP QOM-eLED-ND QZ-ND
Phase	QT-CAB-QZ-PH/0-10V QZ-BOWTIE+DIMMER QZ-PRO-PH/0-10V QZ-STICK-PH/0-10V	Q-SET-QZ-PH/0-10V QZ-PRO-PH/0-10V
0-10V	QT-CAB-QZ-PH/0-10V QZ-PRO-PH/0-10V QZ-STICK-PH/0-10V	Q-SET-QZ-PH/0-10V QZ-PRO-PH/0-10V
Lutron Athena	QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+DALI-DT6-AWN	
DMX	QT-CAB-eLED+DMX	QOM-eLED+DMX QOM-eLED+DMX-PS
DALI-2: DT6	QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AWN	QOM-eLED+DALI-DT6 QOM-eLED+DALI-DT6-PS

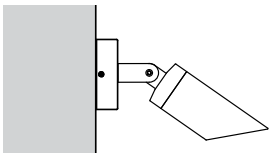
PRELIMINARY
SUBJECT TO CHANGE

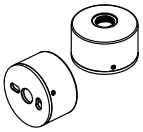
VOYA DOWN LIGHT 2.5" MOUNT COMPATIBILITY

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*

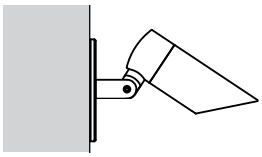
With Water Protection



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

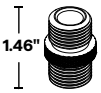


Q-MT-27

Compatible with 3/0 RECESSED J-BOX by others

MOUNT ACCESSORIES

See Accessories installation for dimensions and included hardware.



1/2 NPS

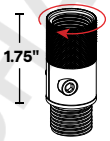


AY-3 Riser Pole



AY-7

No Water Protection



(RA) ROTATIONAL ADAPTER

With Water Protection

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

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