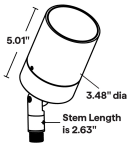
VOYA EM/SM 3.5 TEST Product

24VDC COB Flood/Accent LED





- Seven Snoot Styles: Flush, .5" Regress, 1" Regress, 30° Snoot, 45° Snoot, 60° Snoot, Grazer
- 6061 Aluminum components are anodized, then a polyester powder coat finish is applied. Also available in brass or stainless steel 316L.
- Stainless Steel Hardware
- 36" of 18ga. wire leads
- Interchangeable optics (additional options ordered separately)
- Clear tempered glass lens installed in factory
- Wet Listed
- Specification-grade landscape lighting, wet-location luminaire for up lighting or down lighting applications. Can be utilized for ground mounted or surface mounted installations

1 PRODUCT	2 KNUCKLE	3 CRI	4 CCT	5 SNOOT OPTIONS	6 COB	7 BEAM ANGLE	8 MATERIAL	9 FINISH	10 WATTAGE	11 MOUNTING OPTIONS	12 WEEP HOLE	13 ACCESSORY 1	14 ACCESSORY 2	15 ACCESSORY 3
VOYA-EM-3.5-COB-24VDC-SW														

Sample Part Number: **VOYA-EM-3.5-COB-24VDC-SW-ST-95-30-GZR-COB-GZR-BR-NT-07-N/A-SP-LV-N/A**

1 PRODUCT

VOYA-EM-3.5-COB-24VDC-SW

Product Notes Note

2 KNUCKLE

ST	Standard
RA	Rotational 360° Knuckle

KNUCKLE BLOCK NOTE

3 CRI

95	
90	
N/A	

CRI Block Note

4 CCT

22	2200K
24	2400K
27	2700K
30	3000K
35	3500K
40	4000K
18/30	1800K/3000K
A	Amber (600-605 nm peak)

5 SNOOT OPTIONS

FL	Flush
HR	.5" Regress
1R	1" Regress
30D	30 Degree
45D	45 Degree
60D	60 Degree

Snoot Block 1 Note

6 COB

COBSP Spot

COB Block 1 Note

COB All Other

COB Block 2 Note

7 BEAM ANGLE

12 12 Degree

Beam Angle Block 1 Note

16	16 Degree
23	23 Degree
37	37 Degree
51	51 Degree

Beam Angle Block 2 Note

8 MATERIAL

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

Aluminum Block Note

9 FINISH

BG	Beige
BB	Black Bronze
BK	Black
BKT	Black Texture
BZ	Bronze
BZT	Bronze Texture
SL	Silver
WH	White
CU	Custom
P	Polished

POWDER COAT BLOCK NOTE

10 WATTAGE

20	19.8 Watts
16	15.6 Watts

29	28.7 Watts
21	20.7 Watts
20	20.1 Watts
16	15.8 Watts
15	15.4 Watts

20	20.6 Watts
15	15.3 Watts
11	11.8 Watts

11 MOUNTING OPTIONS

MT-48	In-Ground Mount
MT-49-BF	Surface Mount Back Feed
MT-49-SF	Surface Mount Side Feed
MT-50	Tree Mount

See Mounting section for more information

12 WEEP HOLE

WPH	Weep Hole
N/A	No Weep Hole

Weep Hole is required for any Up Light application to prevent water build up in the snoot.

FL snoot does not have weep hole. If FL is chosen, select N/A

13 ACCESSORY 1

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

ACCESSORY BLOCK NOTE

14 ACCESSORY 2

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

ACCESSORY BLOCK NOTE

15 ACCESSORY 3

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

ACCESSORY BLOCK NOTE

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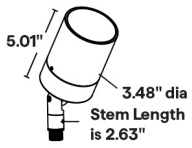
Specification subject to change. Rev-07-20-26

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

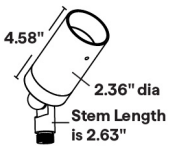
VOYA EM/SM 3.5 TEST Product

24VDC COB Flood/Accent LED

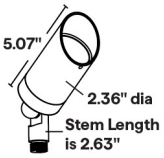
1 PRODUCT - DIMENSIONS



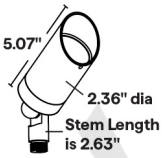
Flush Snoot (FL)



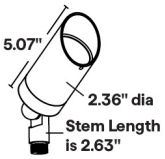
1" Regress Snoot (1R)



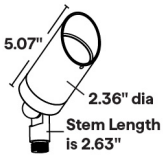
30 Degree Snoot (30D)



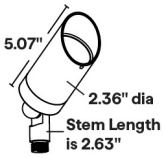
30 Degree Snoot (30D)



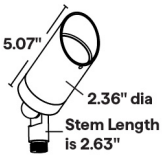
30 Degree Snoot (30D)



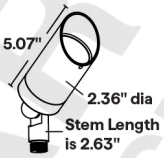
30 Degree Snoot (30D)



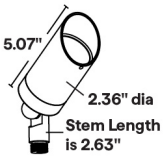
30 Degree Snoot (30D)



30 Degree Snoot (30D)



30 Degree Snoot (30D)



30 Degree Snoot (30D)

6 DELIVERED LUMENS

Tested with VOYA-2.5-COB-24VDC-SW-**-95-30 at 11Ws

	CCT	LUMENS	LM/W	CRI	PEAK INTENSITY (CD)	CRI Ra	CRI R9	TM30 Rf	TM30 Rg
COB SPOT - 12°	2994	841	73	95	12682	98	92	97	101
COB - 16°	2979	886	78	95	7861	98	93	96	102
COB - 23°	2977	924	81	95	4904	98	93	96	102
COB - 37°	2977	925	81	95	2196	98	93	96	102
COB - 51°	2985	919	81	95	1407	98	93	96	102
COB - Grazer	2998	785	69	95	2976	98	93	96	102

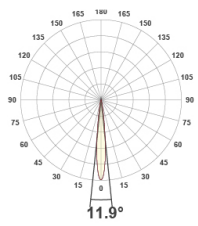
Tested with VOYA-2.5-COB-24VDC-SW-**-90-30 at 11Ws

	CCT	LUMENS	LM/W	CRI	PEAK INTENSITY (CD)	CRI Ra	CRI R9	TM30 Rf	TM30 Rg
COB SPOT - 12°	3079	1057	92	90	16062	92	50	90	99
COB - 16°	3088	1035	90	90	8653	92	51	90	99
COB - 23°	3083	1069	93	90	5464	92	51	90	100
COB - 37°	3078	1074	94	90	2510	92	51	90	99
COB - 51°	3077	1062	92	90	1618	92	51	90	99
COB - Grazer	3085	926	81	90	3437	92	50	90	99

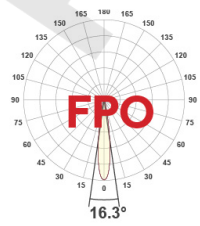
PHOTOMETRIC PERFORMANCE

PHOTOMETRIC PERFORMANCE NOTE

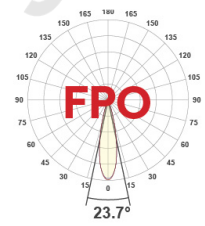
12°



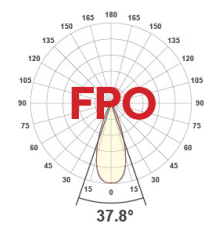
16°



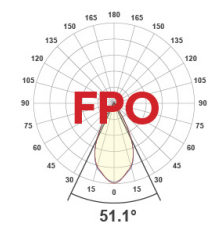
23°



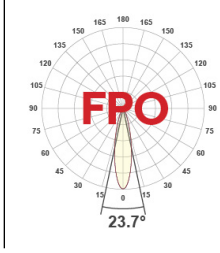
37°



51°



GZR



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VOYA EM/SM 3.5 TEST Product

24VDC COB Flood/Accent LED

9 FINISH

ALUMINUM POWDER COAT FINISHES

POWDER COAT IMAGES NOTE



Beige

Black

Black Texture

Bronze



Bronze Texture

Black Bronze

Silver

White

BRASS AND STAINLESS STEEL POLISHED FINISHES

Brass and Stainless Steel Finishes Note



Polished Brass

Polished Stainless Steel

13/14/15 ACCESSORIES

ACCESSORIES LENS IMAGES NOTES

SP	LI	LI	LV	WI	WI
					
Spread Lens	Linear Lens	Linear Lens	Louver Lens	Wire Holder	Wire Holder
To order separately use ACC-3.5-SP	To order separately use ACC-3.5-LS	To order separately use ACC-3.5-WW	To order separately use ACC-3.5-LV	To order separately use ACC-3.5-RR	To order separately use ACC-3.5-RR

COMPATIBLE GLARE CONTROL ACCESSORIES

VOYA-2.5-45D-GLARE-SHIELD-YY-XX	VOYA-2.5-45D-GLARE-SHIELD-YY-XX	VOYA-2.5-45D-GLARE-SHIELD-YY-XX	VOYA-2.5-45D-GLARE-SHIELD-YY-XX	VOYA-2.5-45D-GLARE-SHIELD-YY-XX	VOYA-2.5-45D-GLARE-SHIELD-YY-XX
					
Adjustable 45° Glare Shield. See Spec Sheet for material (YY) and finish (XX) options	Adjustable 45° Glare Shield. See Spec Sheet for material (YY) and finish (XX) options	Adjustable 45° Glare Shield. See Spec Sheet for material (YY) and finish (XX) options	Adjustable 45° Glare Shield. See Spec Sheet for material (YY) and finish (XX) options	Adjustable 45° Glare Shield. See Spec Sheet for material (YY) and finish (XX) options	Adjustable 45° Glare Shield. See Spec Sheet for material (YY) and finish (XX) options

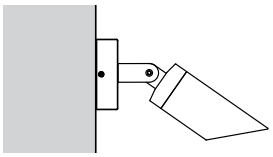
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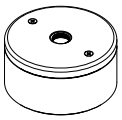
VOYA EM/SM 3.5" MOUNT COMPATIBILITY

Landscape Lighting

SURFACE/WALL

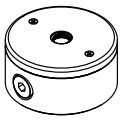
See Surface/Wall installation for dimensions and included hardware. Refer to the mount cut sheets for complete order codes regarding mount's options.





Q-MT-49-BF
(With Driver)

With Water Protection

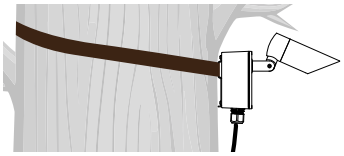


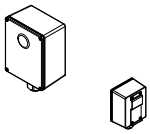
Q-MT-49-SF
(With Driver)

With Water Protection

TREE MOUNT

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



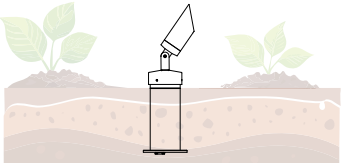


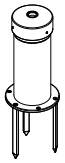
Q-MT-50
(With Driver)

With Water Protection
and Tree Strap

DIRECT BURIAL

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





Q-MT-48
(With Driver)

With Water Protection

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