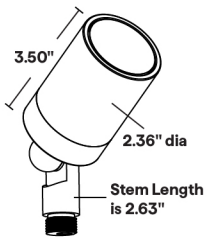
VOYA EM RETROFIT TEST

12VAC Retrofit MR16 Flood/Accent Light





- Six Snoot Styles: Flush, .5" Regress, 1" Regress, 30° Snoot, 45° Snoot, 60° Snoot
- 6061 Aluminum components are anodized, then a polyester powder coat finish is applied. Also available in brass or stainless steel 316L.
- Stainless steel hardware
- Junction box mount design
- 36" of 18ga. wire leads
- 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 SNOOT	4 LAMP	5 CCT-CRI	6 WATTS	7 BEAM ANGLE	8 MATERIAL	9 FINISH	10 WEEP HOLE	11 ACCESSORY 1	12 ACCESSORY 2	13 ACCESSORY 3
VOYA-EM-2.5-MR16-12VAC												

Sample Part Number: **VOYA-EM-2.5-MR16-12VAC-ST-FL-MR16-EA-A-A-3.0-60D-SS-NT-SP-N/A-N/A**

1 PRODUCT

VOYA-EM-2.5-MR16-12VAC

Product Notes Note

2 KNUCKLE

ST	Standard
RA	Rotational 360° Knuckle

KNUCKLE BLOCK NOTE

3 SNOOT

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

SNOOT BLOCK 1 NOTE

4 LAMP

MR16-EA-SW	Emery Allen
MR11-EA-SW	Emery Allen
GU10-EA-SW	Emery Allen
PAR20-SA-SW-BRI	Soraa Brilliant

Lamp SW Block Note

PAR20-SA-SW-VD	Soraa Vivid

Lamp Vivid Block Note

GU10-EA-A	Emery Allen
MR16-EA-A	Emery Allen
MR11-EA-A	Emery Allen

Lamp Amber Block Note

N/A	No Lamp

Lamp N/A Block Note

5 CCT-CRI

27	2700K	90
30	3000K	90

CCT-CRI SW Block Note

27	2700K	95
30	3000K	95

CCT-CRI Vivid Block Note

A	Amber (560 nms)	N/A

CCT-CRI Amber Block Note

N/A	N/A

CCT-CRI N/A Block Note

6 WATTS

1.0	1.0 W
1.5	1.5 W
3.0	3.0 W
7.0	7.0 W
8.5	8.5 W
9.5	9.5 W

Watts SW Block 1 Note

3.0	3.0 W
5.0	5.0 W
7.0	7.0 W
10	10.8 W

Watts SW Block 2 Note

11.0	11.0 W

Watts Vivid Block Note

1.5	1.5 W
3.0	3.0 W

Watts Amber Block Note

N/A

Watts N/A Block Note

7 BEAM ANGLE

10D	10 Degree
24D	24 Degree
36D	36 Degree
60D	60 Degree
120D	120 Degree

Beam Angle SW Block 1 Note

15D	15 Degree
24D	24 Degree
25D	25 Degree
36D	36 Degree
60D	60 Degree
120D	120 Degree

Beam Angle SW Block 2 Note

10D	10 Degree
25D	25 Degree
36D	36 Degree
60D	60 Degree

Beam Angle Vivid Block Note

24D	24 Degree
60D	60 Degree

Beam Angle Amber Block Note

N/A

Beam Angle N/A Block Note

8 MATERIAL

A	6061 Aluminum Anodized and Powder Coated

ALUMINUM BLOCK NOTE

B	Brass H59

BRASS BLOCK NOTE

SS	Stainless Steel 316L

STAINLESS TEEL 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

POWDER COAT BLOCK NOTE

P	Polished

POLISHED BLOCK NOTE

10 WEEP HOLE

WPH	Weep Hole

11 ACCESSORY 1

SP	Spread Lens

12 ACCESSORY 2

SP	Spread Lens

13 ACCESSORY 3

SP	Spread Lens

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

VOYA EM RETROFIT TEST

12VAC Retrofit MR16 Flood/Accent Light

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

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

ACCESSORY BLOCK NOTE

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

ACCESSORY BLOCK NOTE

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

ACCESSORY BLOCK NOTE

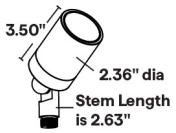
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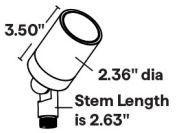
VOYA EM RETROFIT TEST

12VAC Retrofit MR16 Flood/Accent Light

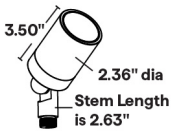
1 PRODUCT - DIMENSIONS



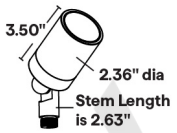
Flush Snoot (FL)



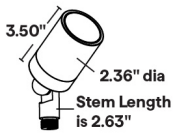
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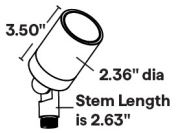
Flush Snoot (FL)



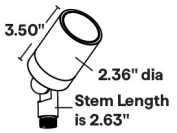
Flush Snoot (FL)



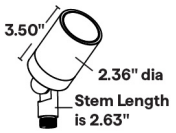
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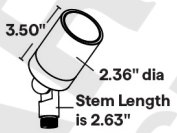
Flush Snoot (FL)



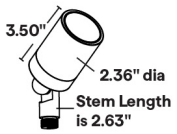
Flush Snoot (FL)



Flush Snoot (FL)



Flush Snoot (FL)



Flush Snoot (FL)

4 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

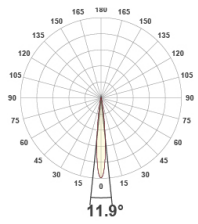
Tested with VOYA-2.5-COB-24VDC-SW-**-90-30 at 11Ws

	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

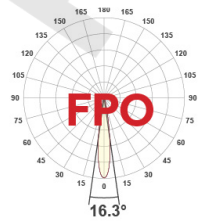
PHOTOMETRIC PERFORMANCE

PHOTOMETRIC PERFORMANCE NOTE

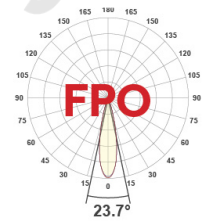
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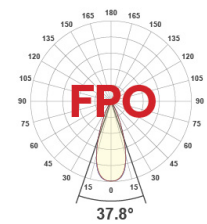
16°



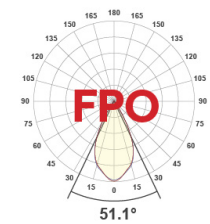
23°



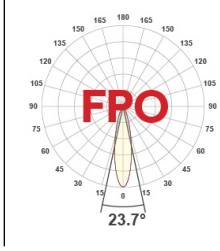
37°



51°



GZR



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VOYA EM RETROFIT TEST

12VAC Retrofit MR16 Flood/Accent Light

9 FINISH

ALUMINUM POWDER COAT FINISHES

POWDER COAT IMAGES NOTE



BRASS AND STAINLESS STEEL POLISHED FINISHES

BRASS AND STIANLESS STEEL FINISH NOTE



11 / 12 / 13 ACCESSORIES

ACCESSORIES LENS IMAGES NOTES

SP	LS	WW	LV		WI
					
Spread Lens	Linear Spread Lens	Wall Wash Lens	Honeycomb Louver	Retaining Ring	Wire Holder
To order separately use ACC-2.5-SP	To order separately use ACC-2.5-LS	To order separately use ACC-2.5-WW	To order separately use ACC-2.5-LV	To order separately use ACC-2.5-RR	To order separately use ACC-2.5-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 RETROFIT TEST

12VAC Retrofit MR16 Flood/Accent Light

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 Q-SET-1 Q-SET-2 Q-SET-3 QOMD QOMS

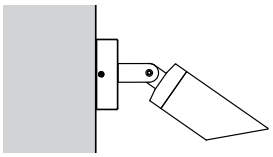
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VOYA EM/SM 2.5" MOUNT COMPATIBILITY

Landscape Lighting

SURFACE/WALL

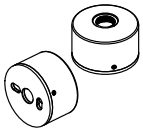
See Surface/Wall installation for dimensions and included hardware. Refer to the mount cut sheets for complete order codes regarding mount's options.





Q-WB

Wood Beam Mount



Q-MT-11*

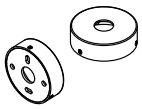
With Water Protection



Q-MT-17*



Q-MT-18

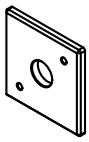


Q-MT-19

With Water Protection



Q-MT-21



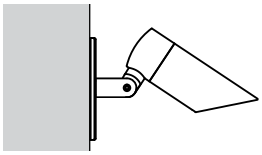
Q-MT-22

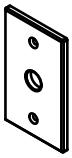


Q-MT-37*

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.





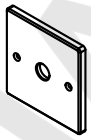
Q-MT-24

Compatible with 1 GANG RECTANGLE WEATHER PROOF J-BOX or 4/0 WEATHER PROOF J-BOX by others



Q-MT-25

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



Q-MT-26



Q-MT-27

Compatible with 3/0 RECESSED J-BOX by others

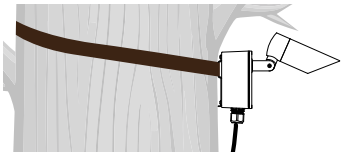


Q-MT-42*

Compatible with 1 GANG RECTANGLE WEATHER PROOF J-BOX or 4/0 WEATHER PROOF J-BOX by others

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-10



Q-MT-12*

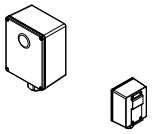


Q-MT-14*

With Tree Strap

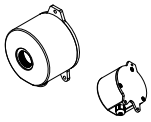


Q-MT-39*



Q-MT-50 (No Driver)

With Water Protection and Tree Strap

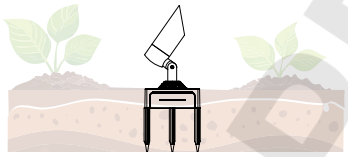


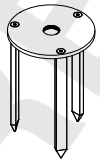
Q-MT-51*

With Water Protection

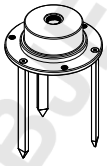
DIRECT BURIAL

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-6*

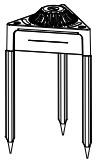


Q-MT-7*

With Water Protection

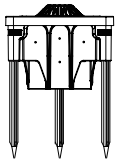


Q-MT-45*



Q-TRIX-R20* (No Driver)

With Water Protection

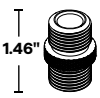


Q-TRIX-R50* (With Driver)

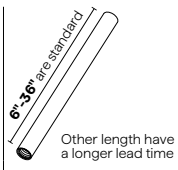
With Water Protection

MOUNT ACCESSORIES

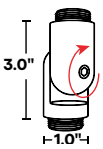
See Accessories installation for dimensions and included hardware.



1/2 NPS

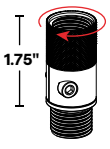


AY-3 Riser Pole



AY-7

No Water Protection



(RA) ROTATIONAL ADAPTER

With Water Protection

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

PRELIMINARY SUBJECT TO CHANGE

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