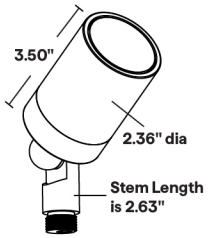
VOYA UL/DL/WA 1D RETROFIT TEST

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	2	3	4	5	6	7	8	9	10	11	12
PRODUCT	SNOOT	LAMP	CCT-CRI	WATTS	BEAM ANGLE	MATERIAL	FINISH	WEEP HOLE	ACCESSORY 1	ACCESSORY 2	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 SNOOT

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

SNOOT BLOCK 1 NOTE

3 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

4 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

5 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

6 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

7 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

8 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

9 WEEP HOLE

WPH	Weep Hole
N/A	No Weep Hole

Weep Hole is required for any Up Light application

10 ACCESSORY 1

SP	Spread Lens
LS	Linear Spread Lens
WW	Wall Wash Lens

11 ACCESSORY 2

SP	Spread Lens
LS	Linear Spread Lens
WW	Wall Wash Lens

12 ACCESSORY 3

SP	Spread Lens
LS	Linear Spread Lens
WW	Wall Wash Lens

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Specification subject to change. Rev-11-09-26

VOYA UL/DL/WA 1D RETROFIT TEST

12VAC Retrofit MR16 Flood/Accent Light

to prevent water build up in the snoot. FL snoot does not have weep hole. If FL is chosen, select N/A	**LV** Honeycomb Louver **N/A** No Accessory ACCESSORY BLOCK NOTE	**LV** Honeycomb Louver **N/A** No Accessory ACCESSORY BLOCK NOTE	**LV** Honeycomb Louver **N/A** No Accessory ACCESSORY BLOCK NOTE

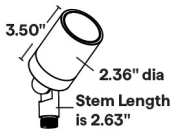
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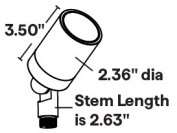
VOYA UL/DL/WA 1D RETROFIT TEST

12VAC Retrofit MR16 Flood/Accent Light

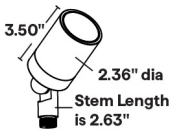
1 PRODUCT - DIMENSIONS



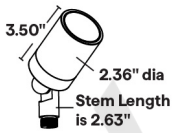
Flush Snoot (FL)



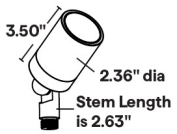
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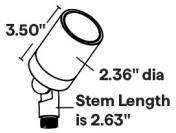
Flush Snoot (FL)



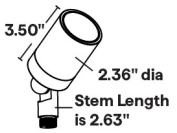
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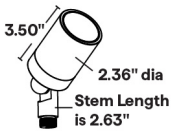
Flush Snoot (FL)



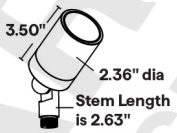
Flush Snoot (FL)



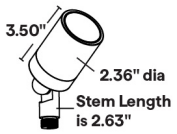
Flush Snoot (FL)



Flush Snoot (FL)



Flush Snoot (FL)



Flush Snoot (FL)

3 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

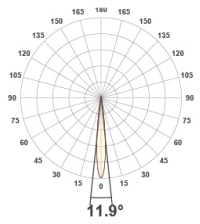
Tested with VOYA-2.5-COB-24VDC-SW-**-90-30 at 11Ws

	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

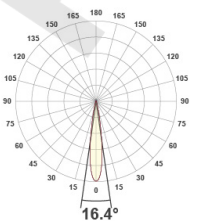
PHOTOMETRIC PERFORMANCE

PHOTOMETRIC PERFORMANCE NOTE

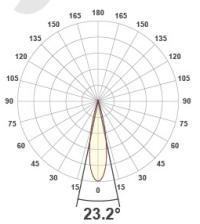
12°



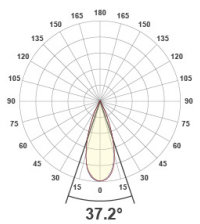
16°



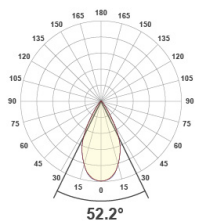
23°



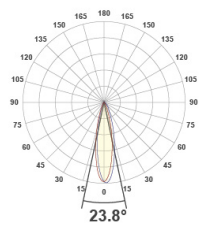
37°



51°



GZR



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VOYA UL/DL/WA 1D RETROFIT TEST

12VAC Retrofit MR16 Flood/Accent Light

8 FINISH

ALUMINUM POWDER COAT FINISHES

POWDER COAT IMAGES NOTE



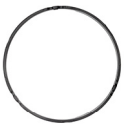
BRASS AND STAINLESS STEEL POLISHED FINISHES

BRASS AND STIANLESS STEEL FINISH NOTE



10 / 11 / 12 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

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

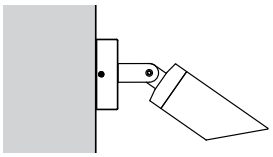
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VOYA EM/SM 2.5" MOUNT COMPATIBILITY

Landscape Lighting

SURFACE/WALL

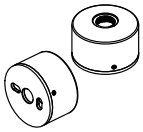
See Surface/Wall installation for dimensions and included hardware. Refer to the mount cut sheets for complete order codes regarding mount's options.





Q-WB

Wood Beam Mount



Q-MT-11*

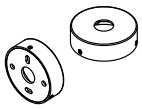
With Water Protection



Q-MT-17*



Q-MT-18

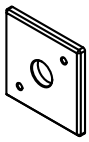


Q-MT-19

With Water Protection



Q-MT-21



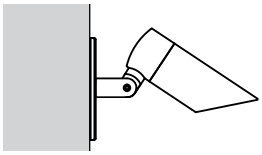
Q-MT-22

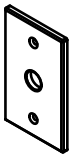


Q-MT-37*

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.





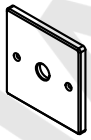
Q-MT-24

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

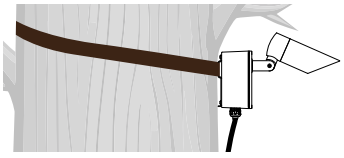


Q-MT-42*

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*

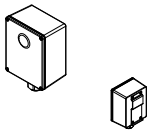


Q-MT-14*

With Tree Strap

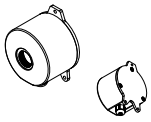


Q-MT-39*



Q-MT-50 (No Driver)

With Water Protection and Tree Strap

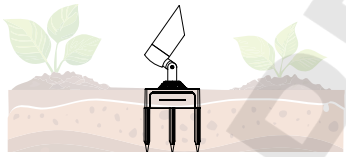


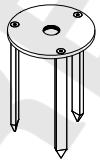
Q-MT-51*

With Water Protection

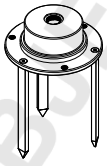
DIRECT BURIAL

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*

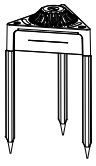


Q-MT-7*

With Water Protection

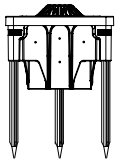


Q-MT-45*



Q-TRIX-R20* (No Driver)

With Water Protection

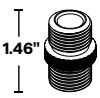


Q-TRIX-R50* (With Driver)

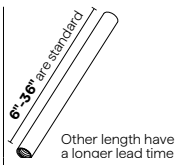
With Water Protection

MOUNT ACCESSORIES

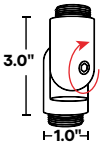
See Accessories installation for dimensions and included hardware.



NPS ADAPTER

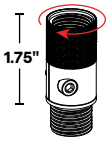


AY-3 Riser Pole



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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