

EVOKE 2.9 ROUND ADJUSTABLE TRIMLESS

E2.9RATL
MR16

APPLICATION:

Commercial and retail accent and display lighting

HOUSING CONSTRUCTION:

20 ga. steel painted matte black
Formed aperture plate with 5/8" lip (GB-standard)
Cast aluminum plaster frame with perforated face
Integral adjustable locking mounting bars
Thermally protected
Bi-pin base

REFLECTOR CONSTRUCTION:

Spun aluminum reflector with key slot cut
Variety of anodized aperture finishes
Steel mounting ring with torsion spring

LAMPING:

MR16 halogen, 50w max., 12v

OPTICS:

Cam adjustment mechanism provides lockable 0-40° tilt; 360°+ rotation
Spun aluminum lamp ring, snaps in/out for re-lamping, accepts up to 2 accessories
Solite beam softening lens (standard)

MOUNTING:

For use in sheet rock ceilings
Max. ceiling thickness 1"

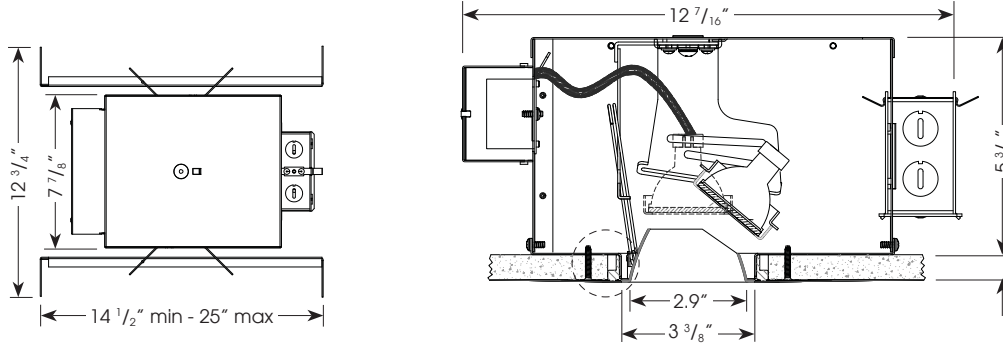
LABELING:

 **UL** us
Damp location



PROJECT:

TYPE:

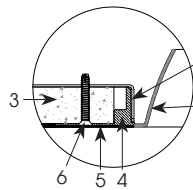


Ceiling Cut Out Dimension: 4 1/16" dia.

ELECTRICAL

Ballast	Lamping 50w	Input	
		Watts	Amps*
Electronic	120v	50	.42
	277v	50	.18

MR16 Bi-Pin base, 50w max.
Electronic ballast



1. Reflector Trim
2. Fixture Housing Aperture Plate
3. Ceiling 5/8" (1" max)
4. Cast Aluminum Plaster Frame
5. Plaster Sklm Coat (by others)
6. 6-32 Type F Thread Cutting Screw

ORDERING INFORMATION:

Housing			Reflector		Accessories Ordered Separately
Model	Lamp Type	Voltage	Model	Aperture Finish	
E2.9RATL	MR16 (50w max)	120 277	E2.9RATL	Reflector with Clear Flange (3/16" flange finish matches cone finish) SDC - semi-diffuse CLC - specular GDC - specular gold BKC - specular black	HEX16 - hexcell louver SPR16 - linear spread lens, 5° x 55°

Complete Unit Specification: E2.9RATL-MR16-120/E2.9RATL-SDC
Housing Only: E2.9RATL-MR16-120
Reflector Only: E2.9RATL-SDC

Cat #:

Amerlux reserves the right to change details that do not affect overall function and performance.

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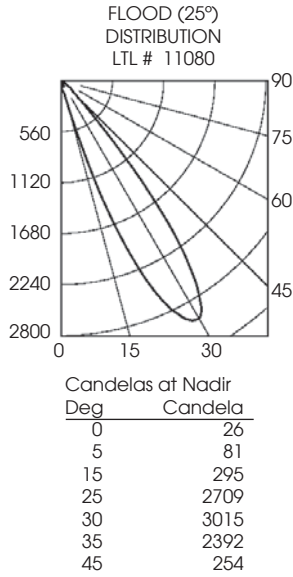
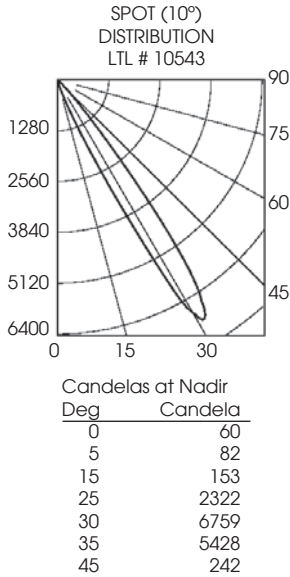
TYPE:



FIXTURE DATA:

Complete photometric data (ies format) available upon request.

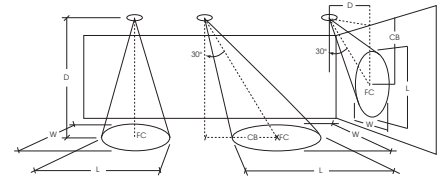
50W MR16



APPLICATION DATA:

Notes and Definitions:

Beam spread is to 50% center beam candlepower (CBCP).
 D=Distance to floor or wall.
 FC=Footcandles on floor or wall at center beam aiming location.
 L=Effective Visual Beam length in feet (50% of maximum footcandle level).
 W=Effective Visual Beam width in feet (50% of maximum footcandle level).
 CB=Distance across or down to center beam location.



	30° Aiming Angle Horizontal Footcandles					30° Aiming Angle Vertical Footcandles				
	D	FC	L	W	CB	D	FC	L	W	CB
SPOT	5.0'	178	1.2	1.3	3.0	3.0'	107	2.2	1.3	5.0
	7.5'	64	2.3	2.0	5.0	4.0'	67	2.5	1.6	6.0
	10.0'	44	2.6	2.5	6.0	5.0'	42	3.3	2.1	8.0
	12.5'	27	3.2	3.1	7.0	6.0'	30	3.8	2.4	9.0
NARROW FLOOD	5.0'	75	2.2	1.5	3.0	3.0'	47	3.0	1.5	4.0
	7.5'	36	3.0	2.2	4.0	4.0'	28	3.8	1.8	6.0
	10.0'	21	4.0	2.8	5.0	5.0'	18	4.8	2.4	7.0
	12.5'	13	5.1	3.6	6.0	6.0'	13	5.6	2.8	9.0