

# EVOKE 2.9 ROUND ADJUSTABLE TRIMLESS

**E2.9RATL**  
**PAR20MH**

**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  
Medium base pulse rated socket

**REFLECTOR CONSTRUCTION:**

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

**LAMPING:**

PAR20MH medium base, 20w and 39w

**OPTICS:**

Cam adjustment mechanism provides lockable 0-40° tilt; 360°+ rotation  
Formed steel lamp holder

**MOUNTING:**

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

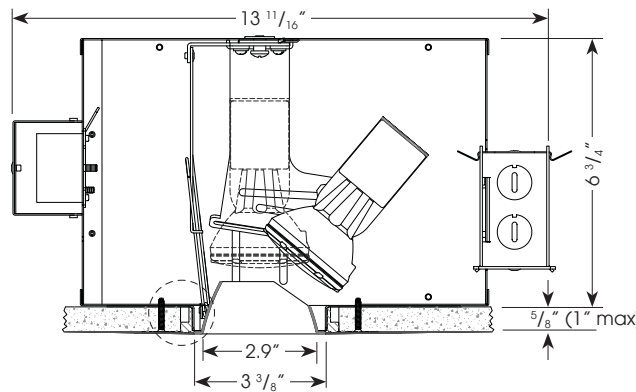
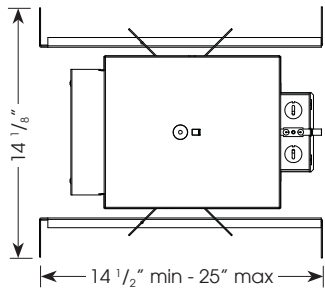
**LABELING:**



Damp location



PROJECT:  
  
TYPE:

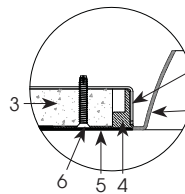


Celling Cut Out Dimension: 4 1/16" dia.

**ELECTRICAL**

Ballast	Lamping			
	20w		39w	
	Input Watts	Input Amps*	Input Watts	Input Amps*
Electronic 120v	24	.20	45	.40
277v	22	.09	44	.16

\*data is for open circuit current  
PAR20MH medium base metal halide, 20w and 39w  
**Electronic ballast**



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

**ORDERING INFORMATION:**

Housing				Reflector		Accessories Ordered Separately
Model	Wattage	Lamp Type	Voltage	Model	Aperture Finish	
E2.9RAXTL	20 39	PAR20MH	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	Consult factory

Complete Unit Specification: E2.9RAXTL-20-PAR20MH-120/E2.9RATL-SDC  
Housing Only: E2.9RAXTL-20-PAR20MH-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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E2.9RATL  
PAR20MH



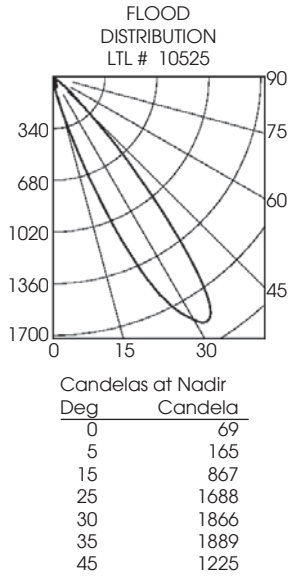
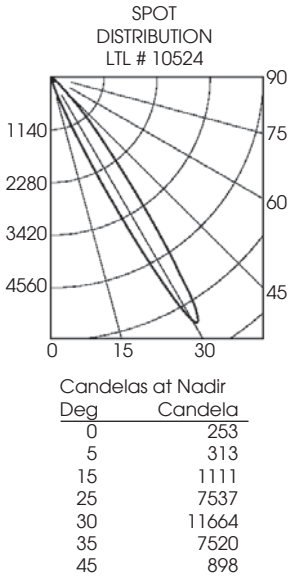
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**FIXTURE DATA:**

Complete photometric data (ies format) available upon request.

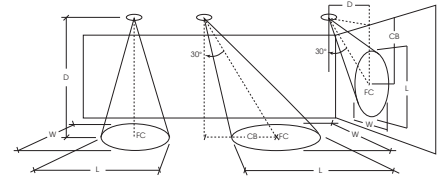
**39W PAR20MH**



**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

	30° Aiming Angle Horizontal Footcandles					30° Aiming Angle Vertical Footcandles				
	D	FC	L	W	CB	D	FC	L	W	CB
SPOT	5.0'	289	1.6	1.4	3.0	3.0'	173	2.6	1.4	5.0
	7.5'	132	2.4	2.0	4.0	4.0'	97	3.5	1.7	6.0
	10.0'	72	3.2	2.7	6.0	5.0'	65	4.0	2.2	8.0
	12.5'	49	3.8	3.3	7.0	6.0'	43	5.0	2.7	10.0
NARROW FLOOD	5.0'	48	3.4	2.9	2.0	3.0'	48	3.0	2.0	3.0
	7.5'	22	5.4	4.3	4.0	4.0'	27	3.9	2.8	4.0
	10.0'	13	7.0	5.6	5.0	5.0'	18	4.6	3.2	6.0
	12.5'	8	8.4	7.1	6.0	6.0'	13	5.4	3.8	7.0