

# EVOKE 2.9 ROUND PINHOLE ADJUSTABLE TRIMLESS

**E2.9RPATL**  
T4GU6.5

**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  
GU6.5 TAL pulse rated socket

**REFLECTOR CONSTRUCTION:**

Die-cast aluminum faceplate painted matte white  
Die-cast knife edge baffle painted matte black  
Spring steel mounting clips

**LAMPING:**

CMH T4GU6.5 base, 15w (SYLVANIA METALARC® POWERBALL®), 20w and 39w

**OPTICS:**

Cam adjustment mechanism provides lockable 0-25° tilt; 360°+ rotation  
Die-cast lamp housing, with twist in/out lens holder  
Spun faceted and peened optics, specially designed for T4GU6.5 lamps  
Available in custom tints to tune beam to provide incandescentlike hue

**MOUNTING:**

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

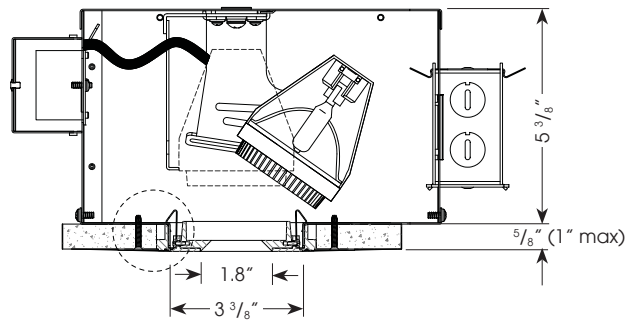
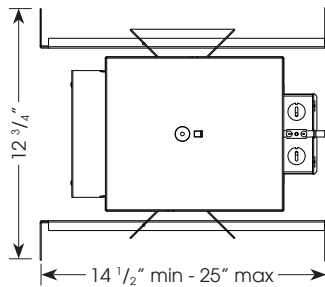
**LABELING:**

cUL listed  
Damp location



PROJECT:

TYPE:

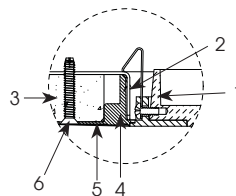


Ceiling Cut Out Dimension: 4 1/16" dia.

**ELECTRICAL**

Ballast	15w		20w		39w	
	Input Watts	Amps*	Input Watts	Amps*	Input Watts	Amps*
Electronic 120v	18	.15	24	.20	45	.40
277v	18	.07	24	.09	45	.16

\*data is for open circuit current  
CMH T4GU6.5 base metal halide, 15w, 20w and 39w  
**Electronic ballast**



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

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

**ORDERING INFORMATION:**

Housing						Reflector		Accessories
Model	Wattage	Lamp Type	Voltage	Beam Spread	Optic Options	Model	Aperture Finish	Ordered Separately
E2.9RATL	15	T4GU6.5	120	CL - spot, 12°	GOLD - ferric gold optic reflector	E2.9RPATL	Faceplate with black baffle	HEX20 - hexcell louver
	20		277	NF - narrow flood, 18°	DB2690 - DB2690 optic reflector		MW - matte white	SOL20 - beam softening lens (standard w/NF option)
	39			FL - flood, 25°				

Accepts up to 2 accessories

Complete Unit Specification: E2.9RATL-20-T4GU6.5-120-NF/E2.9RPATL-MW  
Housing Only: E2.9RATL-20-T4GU6.5-120-NF  
Reflector Only: E2.9RPATL-MW

Cat #:

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T4GU6.5



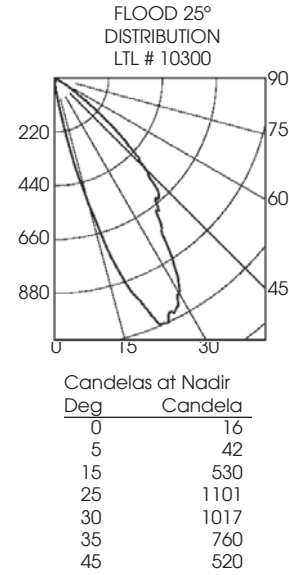
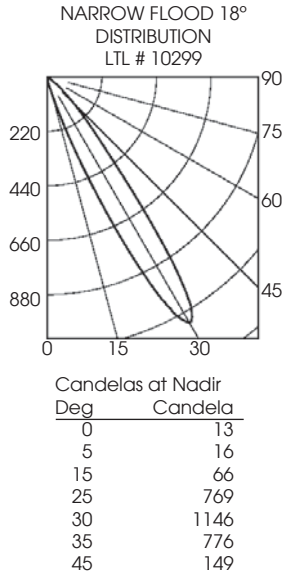
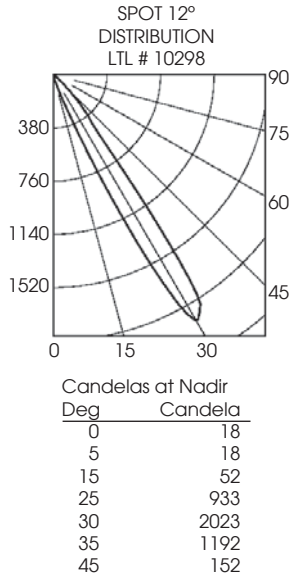
TYPE:



**FIXTURE DATA:** Test run with standard clear reflector. For gold multiply by 0.9  
For 15w data multiply by .75; For 39w data multiply by 2.1

Complete photometric data (ies format) available upon request.

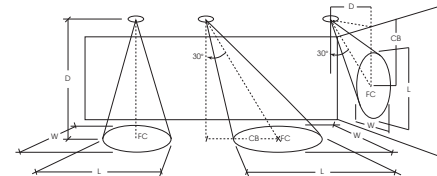
## 20W T4GU6.5



## 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.



	Horizontal Footcandles					Vertical Footcandles				
	D	FC	L	W	CB	D	FC	L	W	CB
SPOT	5.0'	51	1.2	1.2	3.0	3.0'	30	1.9	1.3	5.0
	7.5'	21	2.0	1.8	4.0	4.0'	18	2.6	1.5	6.0
	10.0'	13	2.5	2.4	5.0	5.0'	12	3.3	2.0	8.0
	12.5'	8	3.0	2.9	7.0	6.0'	8	3.7	2.4	9.0
NARROW FLOOD	5.0'	28	1.7	1.5	3.0	3.0'	17	2.8	1.5	5.0
	7.5'	13	2.4	2.2	4.0	4.0'	10	3.6	1.8	6.0
	10.0'	7	3.3	3.0	6.0	5.0'	6	4.3	2.4	8.0
	12.5'	5	3.9	3.6	7.0	6.0'	4	5.2	2.8	9.0
FLOOD	5.0'	33	2.4	2.1	2.0	3.0'	20	3.8	2.0	3.0
	7.5'	15	3.6	3.4	3.0	4.0'	12	5.2	2.7	4.0
	10.0'	8	4.6	4.7	4.0	5.0'	7	6.5	3.2	5.0
	12.5'	5	5.7	5.8	5.0	6.0'	5	7.8	3.9	6.0