

EVOKE 2.9" ROUND PINHOLE ADJUSTABLE TRIMLESS

E2.9RPATL
CDM-Tm

APPLICATION:

Commercial and retail accent and display lighting

HOUSING CONSTRUCTION:

20 ga. steel painted matte black
Formed aperture plate with 5/8" lip
Cast aluminum plaster frame w/perforated face
Integral adjustable locking mounting bars
Thermally protected
PGJ5 pulse rated socket

OPTICS:

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

REFLECTOR CONSTRUCTION:

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

MOUNTING:

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

LABELING:

cUL listed
Damp location

LAMPING:

Philips CDM-Tm Mini MasterColor PGJ5 base, 20w and 39w

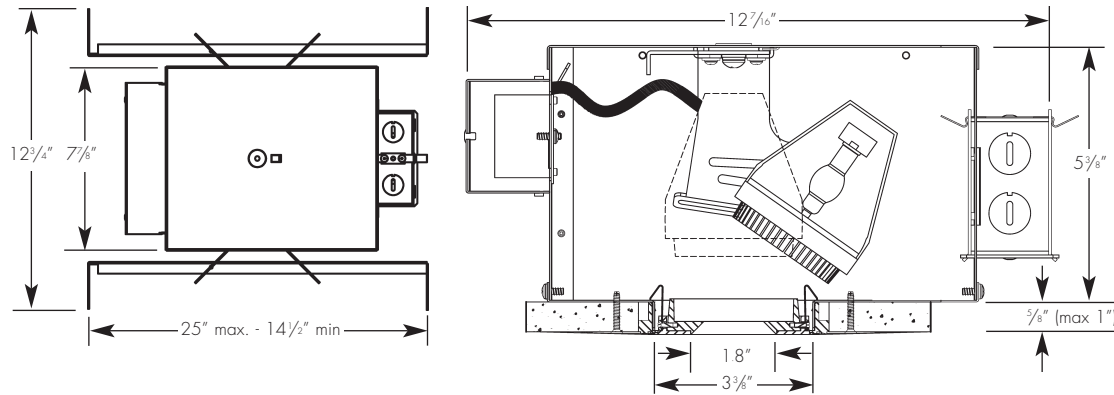


PROJECT:

TYPE:

ecotECTURAL

Architectural lighting for sustainable design.



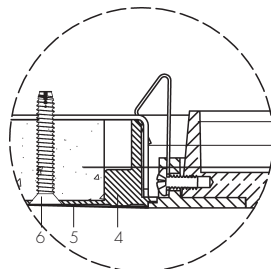
ELECTRICAL

Ballast	Input volts	Lamping		Input volts	Amps*
		20w	39w		
Electronic	120v	26	.23	45	.40
	277v	26	.12	45	.20

*Data is for open circuit current

CDM-Tm PGJ5 base metal halide, 20w and 39w

Electronic ballast only



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 Model #	Wattage	Lamp Type	Voltage	Beam Spread	Optic Options	REFLECTOR Model #	Aperture Finish
E2.9RATL	20	MM - Mini	120	CL - spot, 12°	GOLD - ferric	E2.9RPATL	Faceplate with black baffle
	39	MasterColor	277	NF - narrow flood, 18°	gold		MW - matte white
		CDM-Tm		FL - flood, 25°	DB2690 - DB2690		

ACCESSORIES Ordered Separately

HEX20 - hexcell louver
SOL20 - beam softening lens (standard w/NF option)

Accepts up to 2 accessories

Complete Unit Specification: E2.9RATL-20-MM-120-NF/E2.9RPATL-MW

Housing Only: E2.9RATL-20-MM-120-NF

Reflector Only: E2.9RPATL-MW

Cat #:

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TYPE :

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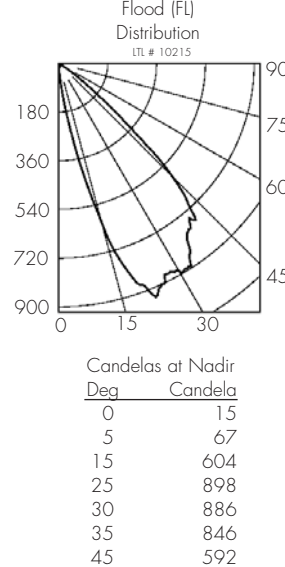
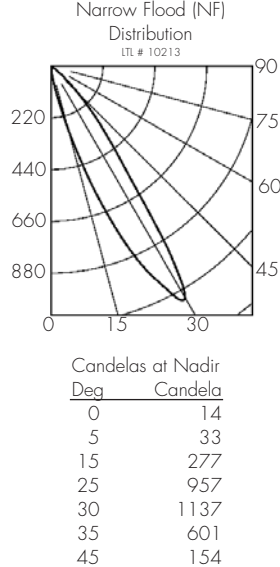
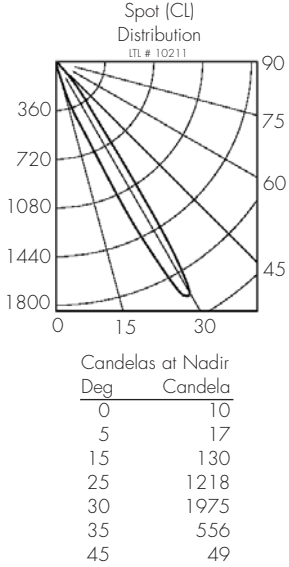


FIXTURE DATA:

Test run with standard clear reflector. For gold, multiply by 0.9
For 39w data, multiply by 1.8

Complete photometric data (.ies format) available upon request.

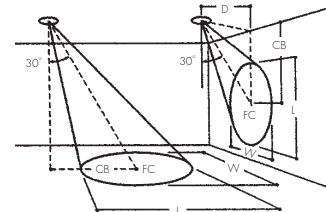
20W CDM-Tm MH



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'	46	1.4	1.3	3.0	3.0'	27	2.0	1.2	5.0
	7.5'	23	1.6	1.8	4.0	4.0'	15	2.6	1.7	7.0
	10.0'	11	2.5	2.4	5.0	5.0'	9	3.3	2.2	9.0
	12.5'	8	2.8	3.1	7.0	6.0'	7	3.7	2.5	10.0
NARROW FLOOD	5.0'	27	2.2	1.5	3.0	3.0'	16	3.1	1.4	5.0
	7.5'	13	2.9	2.2	4.0	4.0'	9	4.3	2.0	7.0
	10.0'	7	3.7	2.8	5.0	5.0'	6	5.3	2.4	8.0
	12.5'	5	4.7	3.5	7.0	6.0'	4	6.3	2.9	10.0
FLOOD	5.0'	29	2.9	2.5	2.0	3.0'	23	2.9	2.1	3.0
	7.5'	13	4.4	4.0	3.0	4.0'	13	3.8	2.7	4.0
	10.0'	7	5.8	5.3	4.0	5.0'	8	4.7	3.6	5.0
	12.5'	5	7.3	6.7	5.0	6.0'	6	5.6	4.3	6.0