

EVOKE 2.9" SQUARE ADJUSTABLE TRIMLESS

E2.9SATL
CDM-Tm

APPLICATION:

Commercial and retail accent and display lighting

HOUSING CONSTRUCTION:

20 ga. steel painted matte black
Formed aperture plate with $\frac{3}{8}$ " 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 0-40° 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:

Seamless die-cast aluminum reflector trim
Painted finishes include matte white and optical 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

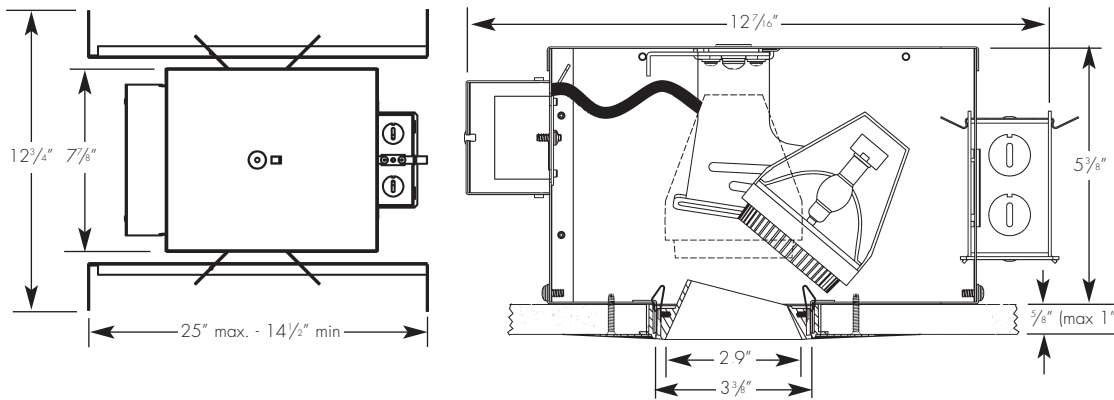


PROJECT :

TYPE :

ecotECTURAL

Architectural lighting for sustainable design.



Ceiling cut out dimension: 4 $\frac{1}{16}$ " sq.

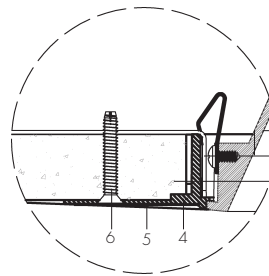
ELECTRICAL

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

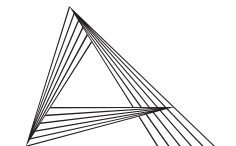
*Data is for open circuit current

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
LIGHTING SOLUTIONS

ADAPT. ABILITY.™

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 Spreads	Optic Options	Model #	Aperture Finish	Ordered Separately
E2.9SATL	20	MM - Mini	120	CL - spot, 12°	SUN - sunrise	E2.9SATL	Reflector (with $\frac{3}{16}$ " flange)	HEX20 - hexcell louver
	39	MasterColor CDM-Tm	277	NF - narrow flood, 18°	GOLD - ferric gold		MB - matte black	SOL20 - beam softening lens (standard w/NF option)
				FL - flood, 25°			MW - matte white	SPR20 - linear spread lens, 5°x55° (standard w/SL beam spread)
				WF - wide flood, 40°				
				SL - linear spread lens, 5° x 55°				

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

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

Reflector Only: E2.9SATL-MW

Cat #:

Accepts up to 2 accessories

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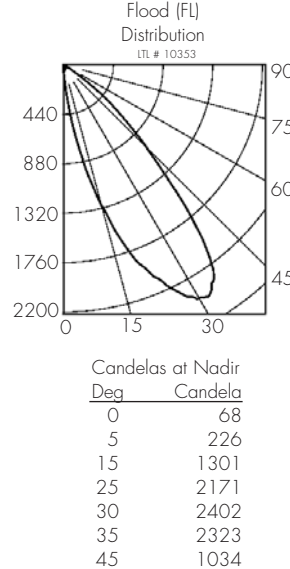
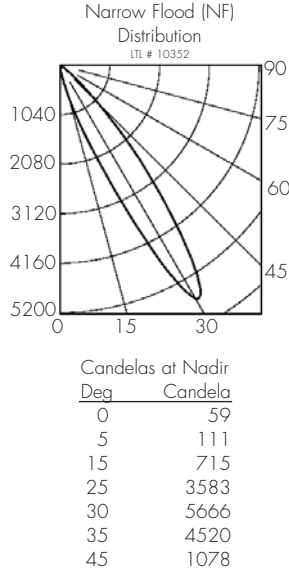
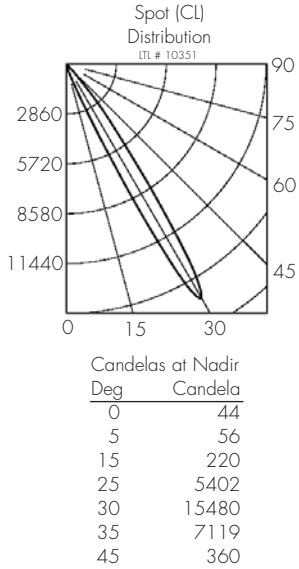


FIXTURE DATA:

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.

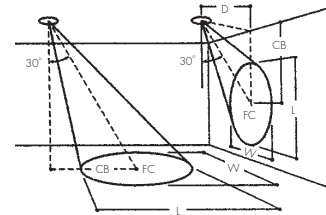
20W CDM-Tm MH



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

	Horizontal Footcandles					Vertical Footcandles				
	D	FC	L	W	CB	D	FC	L	W	CB
SPOT	5.0'	373	1.2	1.2	3.0	3.0'	224	1.9	1.2	5.0
	7.5'	164	1.8	1.8	4.0	4.0'	117	2.7	1.6	7.0
	10.0'	93	2.2	2.4	6.0	5.0'	79	3.2	1.9	8.0
	12.5'	65	2.6	2.9	7.0	6.0'	56	3.8	2.4	10.0
NARROW FLOOD	5.0'	140	1.9	1.5	3.0	3.0'	90	2.9	1.4	4.0
	7.5'	62	2.8	2.1	4.0	4.0'	53	3.8	1.8	6.0
	10.0'	35	3.7	2.9	6.0	5.0'	34	4.7	2.3	7.0
	12.5'	23	4.5	3.5	7.0	6.0'	24	5.6	2.8	9.0
FLOOD	5.0'	63	3.3	2.6	2.0	3.0'	52	3.2	2.1	4.0
	7.5'	29	4.7	4.9	4.0	4.0'	29	4.3	2.8	5.0
	10.0'	16	6.3	5.3	5.0	5.0'	19	5.5	3.5	6.0
	12.5'	10	7.9	6.7	6.0	6.0'	13	6.5	4.3	8.0