

EVOKE 2.9 SQUARE DOWNLIGHT

E2.9SD
CDM-Tm



APPLICATION:

Commercial and retail ambient and task lighting

HOUSING CONSTRUCTION:

20 ga. steel painted matte black
Formed aperture plate with 5/8" lip (GB-standard)
Integral adjustable locking mounting bars
Thermally protected
PGJ5 pulse rated socket

REFLECTOR CONSTRUCTION:

Die-cast aluminum seamless self-flanged trim
Painted finishes include matte white and optical
matte black with matte white flange
Spring steel mounting clips

LAMPING:

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

OPTICS:

Die-cast lamp housing with twist in/out lens holder
Spun faceted and peened optics, specially
designed for CDM-Tm lamps
Accepts up to 2 accessories
Available in custom tints to tune beam to
provide incandescent-like hue

MOUNTING:

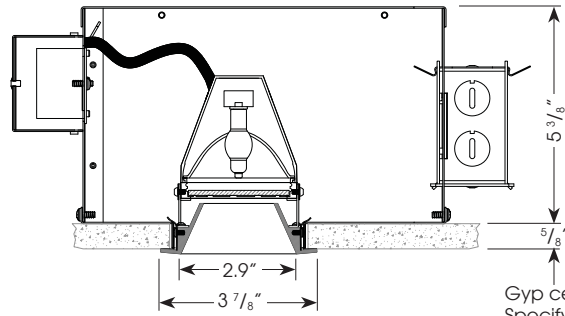
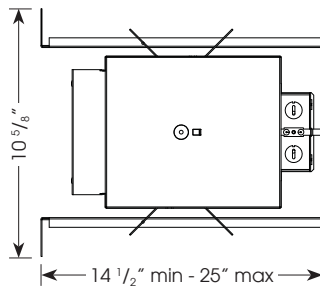
Specify ceiling mounting:
GRID: 1" deep aperture collar
GB (Gyp. Board): 5/8" deep aperture collar
Extra thick ceiling ring available for ceilings over 1"
thick, consult factory
Note: Tilt adjustment reduced to 30° in ceilings 1 1/4"
thick

LABELING:

cUL listed
Damp location

PROJECT:

TYPE:



Ceiling Cut Out Dimension: 3 7/8"

Gyp ceiling shown.
Specify GRID for 1"
deep aperture collar.

ELECTRICAL

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

*data is for open circuit current
CMH CDM-Tm base metal halide, 20w and 39w
Electronic ballast

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	Ceiling Mounting	Optic Options	Reflector Model	Aperture Finish	Accessories Ordered Separately
E2.9SD	20 39	MM - Mini MasterColor® CDM-Tm	120 277	CL - spot, 12° NF - narrow flood, 18° FL - flood, 25° WF - wide flood, 40° SL - linear spread, 5° x 55°	GB - 5/8" deep collar GRID - 1" deep collar — - — (other, consult factory)	GOLD - ferric gold optic reflector DB2690 - DB2690 optic reflector	E2.9SD	Reflector with White Painted Flange MBW - matte black MWW - matte white	HEX20 - hexcell louver SOL20 - beam softening lens (standard w/NF option) SPR20 - linear spread lens, 5° x 55° (standard w/SL beam spread)

Complete Unit Specification: E2.9SD-20-MM-120-NF-GB/E2.9SD-MBW

Housing Only: E2.9SD-20-MM-120-NF-GB

Reflector Only: E2.9SD-MBW

Cat #:

EVOKE 2.9 SQUARE DOWNLIGHT

E2.9SD
T4GU6.5



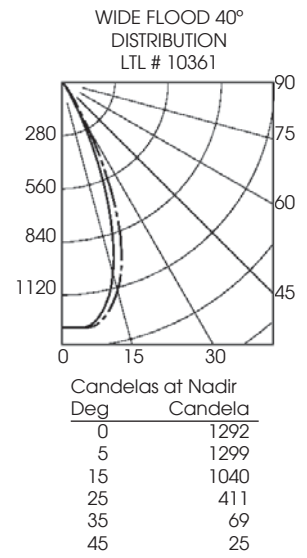
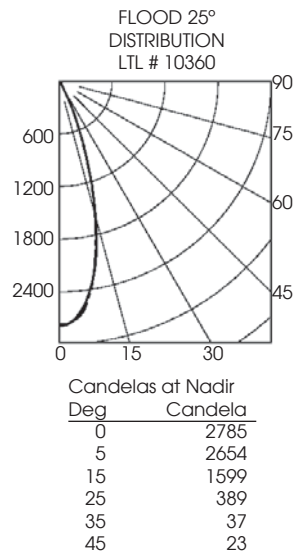
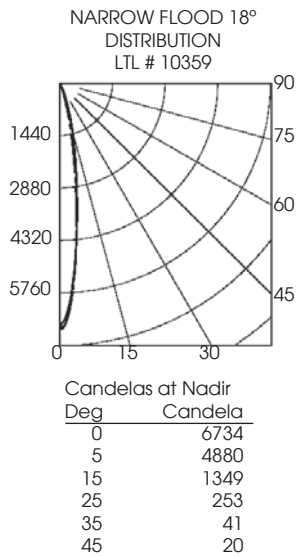
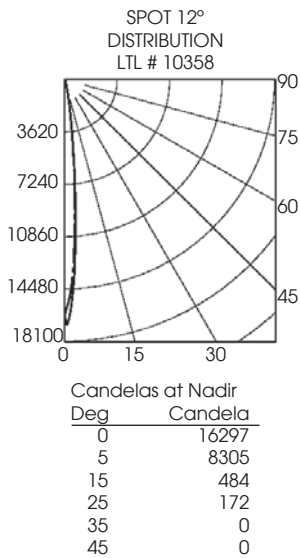
TYPE:



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.

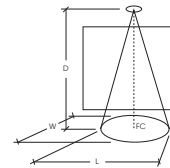
20W CDM-Tm



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.



	D	FC	L	W
SPOT	5.0'	652	1.1	1.1
	7.5'	290	1.3	1.3
	10.0'	163	1.7	1.7
	12.5'	104	2.2	2.3
NARROW FLOOD	5.0'	269	1.4	1.5
	7.5'	120	2.0	2.1
	10.0'	67	2.8	2.9
	12.5'	43	3.4	3.5
FLOOD	5.0'	111	2.8	2.8
	7.5'	50	4.0	4.0
	10.0'	28	5.4	5.4
	12.5'	18	6.8	6.8
WIDE FLOOD	5.0'	52	4.0	3.5
	7.5'	23	6.0	5.4
	10.0'	13	8.0	7.3
	12.5'	8	10.0	9.1