

EVOKE 2.9" ROUND DOWNLIGHT

E2.9RD
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:

Spun aluminum self flanged reflector
Variety of anodized aperture finishes in both white and clear flange

LAMPING:

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

OPTICS:

Die-cast lamp housing with twist in/out lens holder
Spun faceted & 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:

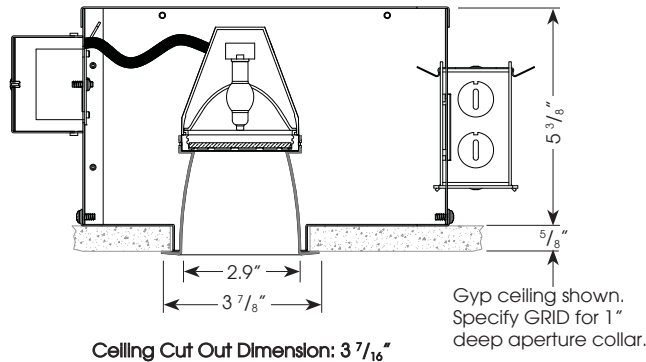
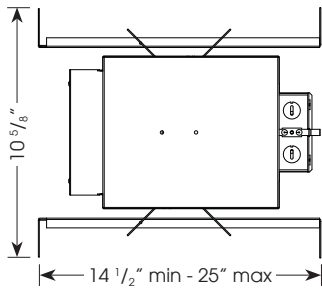


Damp location



PROJECT:

TYPE:



ELECTRICAL

Ballast	Lamping			
	20w		39w	
	Input Watts	Amps*	Input Watts	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

ORDERING INFORMATION:

Housing							Reflector		Accessories
Model	Wattage	Lamp Type	Voltage	Beam Spread	Ceiling Mounting	Optic Options	Model	Aperture Finish	Ordered Separately
E2.9RD	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	E2.9RD	Reflector with White Painted Flange SDW - semi-diffuse CLW - specular GDW - specular gold BKW - specular black MWW - matte white Reflector with Clear Flange (flange finish matches cone finish) SDC - semi-diffuse CLC - specular GDC - specular gold BKC - specular black	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: E2.9RD-20-CDM-Tm-120-NF-GB/E2.9RD-SDW

Housing Only: E2.9RD-20-CDM-Tm-120-NF-GB

Reflector Only: E2.9RD-SDW

Cat #:

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

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CDM-Tm

amerlux
GLOBAL LIGHTING SOLUTIONS

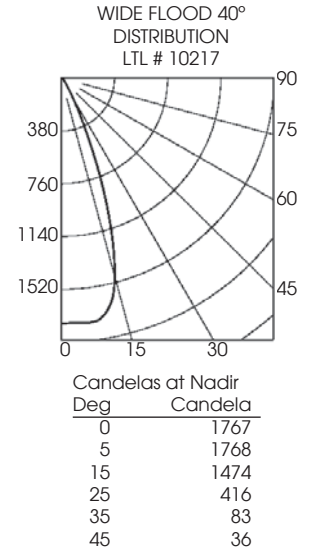
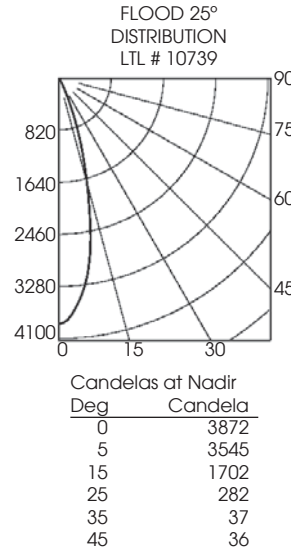
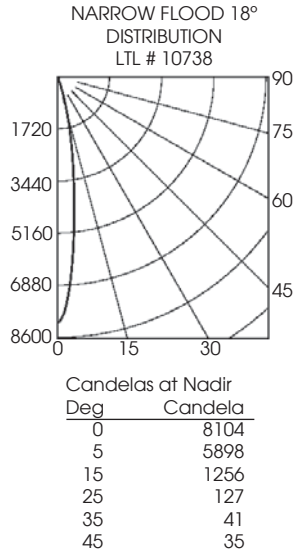
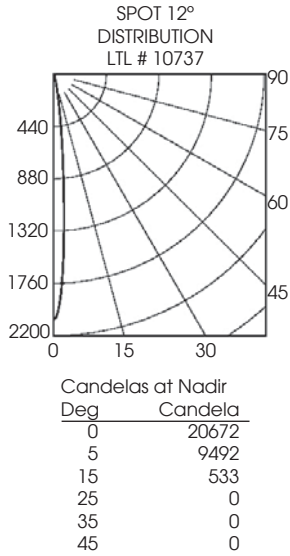
TYPE:



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.

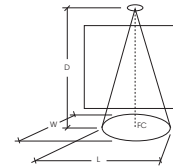
20W CDM-Tm



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'	827	1.1	1.1
	7.5'	368	1.3	1.3
	10.0'	207	1.6	1.6
	12.5'	132	2.0	2.0
NARROW FLOOD	5.0'	324	1.4	1.4
	7.5'	144	2.1	2.1
	10.0'	81	2.9	2.9
	12.5'	52	3.5	3.5
FLOOD	5.0'	155	2.4	2.4
	7.5'	68	3.5	3.5
	10.0'	39	4.8	4.8
	12.5'	25	5.8	5.8
WIDE FLOOD	5.0'	71	3.4	3.4
	7.5'	31	5.1	5.1
	10.0'	18	6.9	6.9
	12.5'	11	8.6	8.6