

EVOKE 2.9" ROUND DOWNLIGHT

E2.9RD
T4GU6.5

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
GU6.5 TAL pulse rated socket

REFLECTOR CONSTRUCTION:

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

LAMPING:

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

OPTICS:

Die-cast lamp housing, with twist in/out lens holder
Spun faceted & peened optics, specially designed for T4GU6.5 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

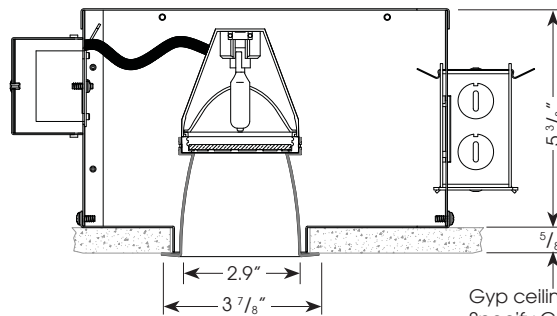
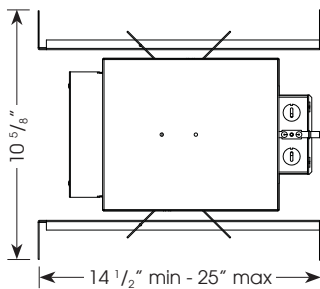
LABELING:

 US
Damp location



PROJECT:

TYPE:



Ceiling Cut Out Dimension: 3 7/16"

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

ELECTRICAL

Ballast	Lamping					
	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

ORDERING INFORMATION:

Housing							Reflector		Accessories
Model	Wattage	Lamp Type	Voltage	Beam Spread	Ceiling Mounting	Optic Options	Model	Aperture Finish	Ordered Separately
E2.9RD	15	T4GU6.5	120	CL - spot, 12°	GB - 5/8" deep collar	GOLD - ferric gold optic reflector	E2.9RD	Reflector with White Painted Flange	HEX20 - hexcell louver
	20		277	NF - narrow flood, 18°	GRID - 1" deep collar	DB2690 - DB2690 optic reflector		SDW - semi-diffuse	SOL20 - beam softening lens (standard w/NF option)
	39			FL - flood, 25°				CLW - specular	
				WF - wide flood, 40°				GDW - specular gold	
				SL - linear spread, 5° x 55°	(other, consult factory)			BKW - specular black	SPR20 - linear spread lens, 5° x 55° (standard w/SL beam spread)
								MWW - matte white	
								Reflector with Clear Flange (flange finish matches cone finish)	
								SDC - semi-diffuse	
								CLC - specular	
								GDC - specular gold	
								BKC - specular black	

Complete Unit Specification: E2.9RD-20-T4GU6.5-120-NF-GB/E2.9RD-SDW

Housing Only: E2.9RD-20-T4GU6.5-120-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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amerlux
GLOBAL LIGHTING SOLUTIONS

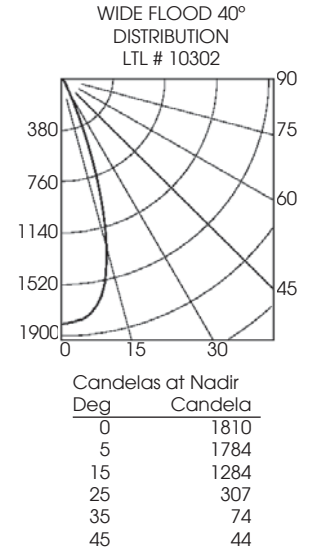
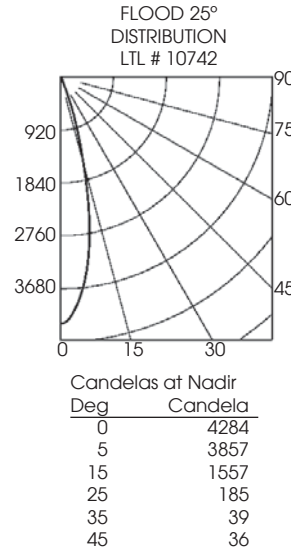
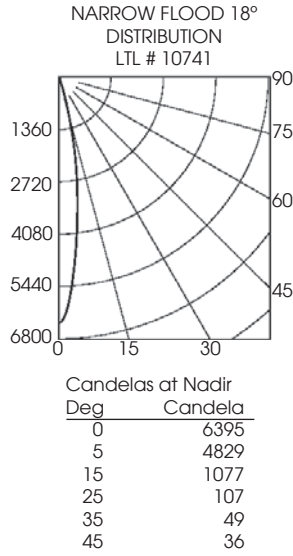
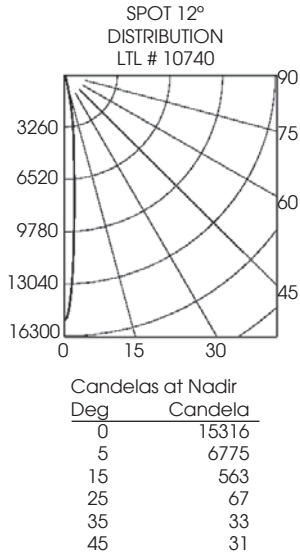
TYPE:



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.

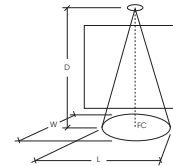
20W T4GU6.5



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.



	D	FC	L	W
SPOT	5.0'	613	1.1	1.1
	7.5'	272	1.4	1.4
	10.0'	153	1.6	1.6
	12.5'	98	1.9	1.9
NARROW FLOOD	5.0'	256	1.5	1.5
	7.5'	114	2.3	2.3
	10.0'	64	3.1	3.1
	12.5'	41	3.8	3.8
FLOOD	5.0'	171	2.3	2.3
	7.5'	76	3.2	3.2
	10.0'	43	4.4	4.4
	12.5'	27	5.4	5.4
WIDE FLOOD	5.0'	72	3.1	3.1
	7.5'	32	4.7	4.7
	10.0'	18	6.3	6.3
	12.5'	12	7.8	7.8