

# EVOKE® ROUND DOWNLIGHT

## INTERNATIONAL 4.75" ROUND LENS DOWNLIGHT LED

I-E4.75RLD-A14  
LED

### APPLICATION:

Commercial & hospitality ambient lighting

### CONSTRUCTION:

Spun aluminum trim  
Formed steel retaining clips  
Die-cast aluminum heatsink

### OPTICS:

Spun aluminum self-flanged reflector, anodized finish  
High reflectance, highly diffuse mixing chamber  
Engineered nano technology lens provides transmission while concealing LED image

### LED:

Color Temp Options: 2700K, 3000K, 3500K, 4000K

CRI: 83 (2700K, 3000K, 3500K, 4000K)

97 (2700K, 3000K)

Amerlux® Crisp White technology available

R9 Value: 11 (83 CRI), 92 (97 CRI)

Life: 50,000 hrs

Lumen Maintenance: >70% of initial lumens @ 50,000 hrs

Lumen Output (typ) at 3000K-83:

19W	28W	32W
1427 lm	2039 lm	2311 lm

### ELECTRICAL:

#### Standard:

Electronic constant current LED driver, 240V input  
ELV and Triac dimming standard.

**This product complies with IEEE C62.41 for surge endurance up to 2.5KV. Amerlux recommends using additional surge protection with this unit (supplied by others), surge damage is not covered by warranty.**

#### Options:

Dimming: DALI dimming

### MOUNTING:

For use in sheetrock ceilings, max ceiling thickness 25 mm  
Consult factory for other thicknesses

### LABELING:

CE pending  
Damp location



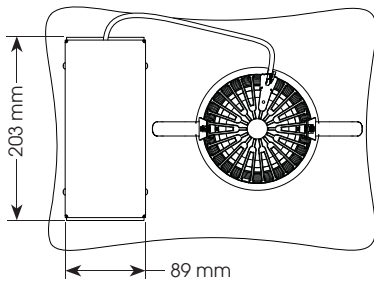
PROJECT:

TYPE:

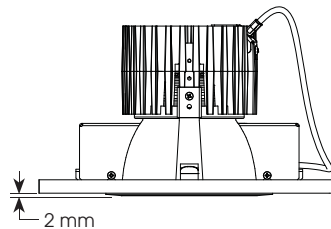
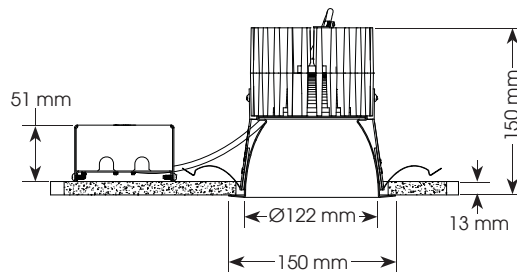


Electrostatic sensitive device,  
observe precautions for  
handling

137 mm



Ceiling Cut Out Dimension: Ø 137 mm



### ELECTRICAL

Driver	19W		28W		32W	
	System Watts	Amps	System Watts	Amps	System Watts	Amps
Electronic 240V	19	0.08	28	0.12	32	0.13

Class 2 constant current driver

### ORDERING INFORMATION:

Model	Wattage	Lamp Type	Voltage	Aperture Cone/ Flange Finish	Beam Spread	Color Temp	Listing Code	Options
I-E4.75RLD-A14	19 28 32	LED	240	SDW - semi-diffuse white SDC - semi-diffuse clear	VWF - very wide flood, 75°	27 - 2700-83 30 - 3000-83 35 - 3500-83 40 - 4000-83  229 - 2700-90+ 309 - 3000-90+  CRISP - crisp white	CE	DALI - DALI driver

Example: I-E4.75RLD-A14-32-LED-240-SDW-VWF-30-CE

Cat #:

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

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TYPE:

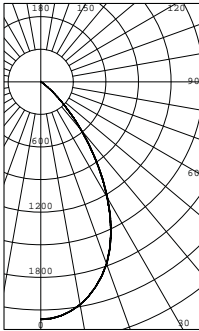


**FIXTURE DATA:** For 19w data, multiply by 0.59; For 28w data, multiply by 0.88

Complete photometric data (ies format) available upon request.

## 32W LED

VERY WIDE FLOOD  
DISTRIBUTION  
LTL # 843155

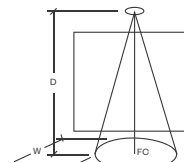


Candelas at Nadir	
Deg	Candela
0	2187
5	2161
15	1952
25	1530
35	889
45	317

## 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.



## SINGLE UNIT

0° Aiming Angle  
Horizontal Footcandle

VERY WIDE FLOOD 30W	D	FC	L	W
	5.0'	94	4.7	4.7
7.5'	41	7.1	7.1	
10.0'	23	9.5	9.5	
12.5'	15	12.1	12.1	

## MULTIPLE UNITS 50'x50' ROOM

VERY WIDE FLOOD, 30W, 10' MOUNTING HEIGHT

Spacing	FC on Floor	FC at 2.5' AFF
	(avg/max)	(avg/max)
6'x6'	19/71	17/71
8'x8'	10/40	8/48
10'x10'	9/29	7/42