

# EVOKE® SQUARE LENS DOWNLIGHT

INTERNATIONAL 4.75" SQUARE LENS DOWNLIGHT LED

I-E4.75SLD-A14  
LED

**APPLICATION:**

Commercial & hospitality ambient & task lighting

**CONSTRUCTION:**

Die-cast aluminum mounting ring with formed steel spring clips (white flange)  
Painted finishes include matte white and optical matte black with matte white flange

**OPTICS:**

Die-cast aluminum seamless self-flanged trim  
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 at 3000K-83:

19W	28W	32W
1440 lm	2057 lm	2331 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

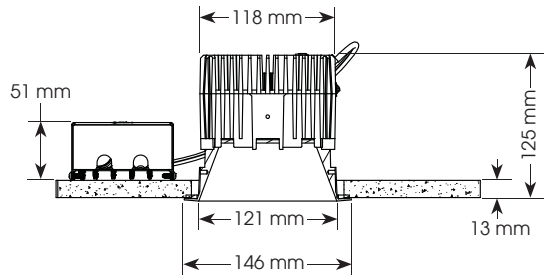
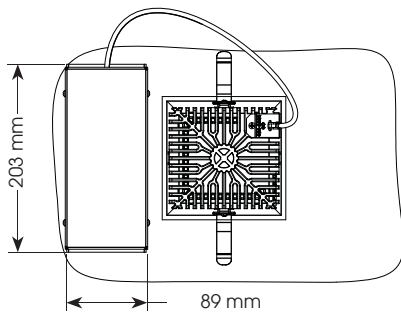
**LABELING:**

CE pending  
Damp location



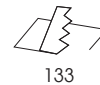
PROJECT:

TYPE:



Ceiling Cut Out Dimension: 133 mm sq.

  
Electrostatic sensitive device,  
observe precautions for  
handling



**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:**

HOUSING: Model	Wattage	Lamp Type	Voltage	Aperture Cone Finish	Flange Finish	REFLECTOR/LED OPTIC:				Options
						Beam Spread	Color Temp	Listing Code		
E4.75SLD-A14	19	LED	240	MW - matte white	W - white	VWF - very wide flood, 75°	27 - 2700-83	CE	DALI - DALI driver	
	28						30 - 3000-83			
	32						35 - 3500-83			
				SLV - matte silver			40 - 4000-83			
				MB - matte black	B - black		229 - 2700-90+			
							309 - 3000-90+			
							CRISP - crisp white			

Example: E4.75SLD-A14-19-LED-240-MW-W-VWF-30-CE

Cat #:

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



**3** year limited  
warranty  
AMERLUX INTERNATIONAL  
(see website for details)

# EVOKE® SQUARE LENS DOWNLIGHT

INTERNATIONAL 4.75" SQUARE LENS DOWNLIGHT LED

I-E4.75SLD-A14  
LED



TYPE:

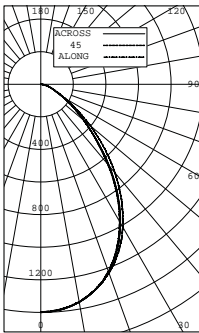


**FIXTURE DATA:** For 19w data, multiply by 0.59; For 28w data, multiply by 0.88

Complete photometric data (ies format) available upon request.

## 32W LED

VERY WIDE FLOOD  
DISTRIBUTION  
LTL # 843154

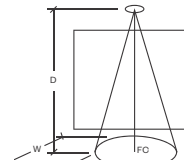


Candelas at Nadir	
Deg	Candela
0	1399
5	1387
15	1301
25	1106
35	813
45	477

## 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'	57	5.4	5.4
7.5'	25	8.1	8.2	
10.0'	15	11.1	11.1	
12.5'	10	14.4	14.5	

## 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'	21/69	20/70
8'x8'	12/39	11/42
10'x10'	10/26	9/33