

# EVOKE 4.75" SQUARE ADJUSTABLE

LED

E4.75SA  
LED

**APPLICATIONS:**

Retail and commercial accent and display lighting

**CONSTRUCTION:**

20 ga. steel painted matte black  
Formed aperture plate with 5/8" lip  
Integral adjustable locking mounting bars  
Thermally protected


**REFLECTOR CONSTRUCTION:**

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

**MOUNTING:**

For use in T-grid or sheet rock ceilings

**LABELING:**

 pending

**OPTICS:**

0-40° tilt, 360° + rotation

LED cluster:

Color temp: 3000K ±175

CRI: 85

Life: 50,000 hrs

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

Lumen output: 1040 typical

Beam options: Narrow Flood 16°, Flood 30°,

Wide Flood 45°, Very Wide Flood 60°

**ELECTRICAL:**

Electronic constant current LED driver

120v or 277v input

Dimming down to less than 20%, available on

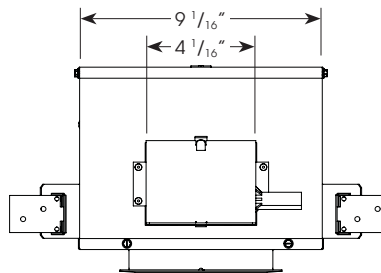
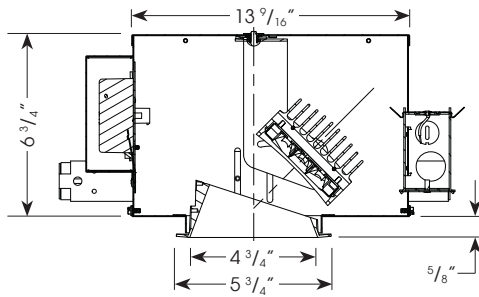
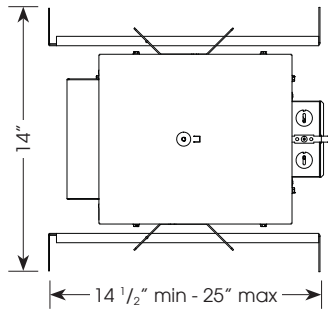
120v only with ELV dimming equipment, consult factory for approved device list

**This product complies with IEEE C62.41 for surge endurance up to 1KV. Amerlux recommends using additional surge protection with this unit (supplied by others), surge damage is not covered by warranty.**



PROJECT:

TYPE:



**ELECTRICAL**

Driver	Operating Watts* (min/max)	Amps* (min/max)
Electronic 120v	20/28	.17/.21
277v	20/28	.07/.10

Class 2 constant current driver, 700 mA

\*LED forward voltage bins result in actual consumed watts ranging from 20w to 28w. For circuiting planning use max watts and amp data provided.

**ORDERING INFORMATION:**

HOUSING:							REFLECTOR:	
Model	Wattage	Lamp Type	Voltage	Beam Spread	Color Temp	Options	Model	Aperture Finish
E4.75SA 24		LED	120 277	NF - narrow flood, 16° FL - flood, 30° WF - wide flood, 45° VWF - very wide flood, 60°	3000 Consult factory for other color temperature options	DIM - dimming (120v only)	E4.75SA	Reflector with white painted flange MWW - matte white MBW - matte black SLVW - silver

Complete Unit Example: E4.75SA-24-LED-120-NF-3000/E4.75SA-MWW

Example: E4.75SA-24-LED-120-NF-3000

Example: E4.75SA-MWW

Cat #:

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



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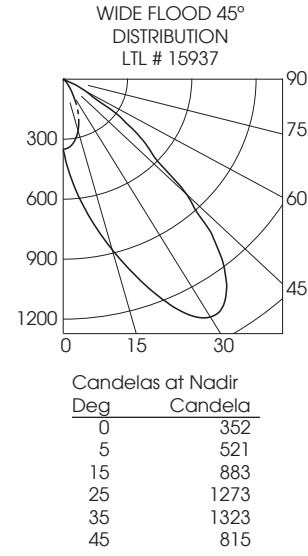
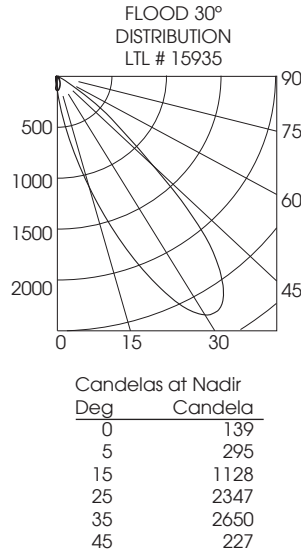
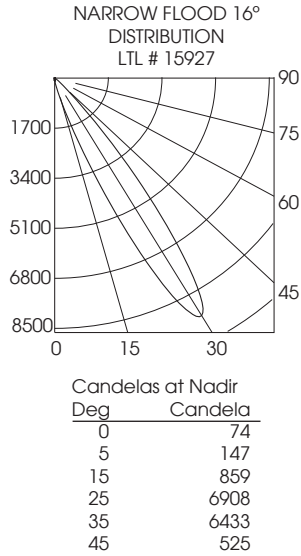
TYPE:



**FIXTURE DATA:** Test 70w data multiply by 1.9

Complete photometric data (.ies format) available upon request.

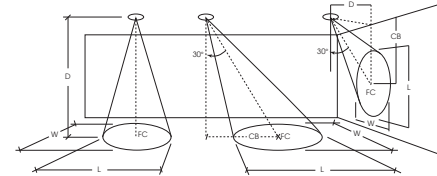
## 24W LED



## 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.



	30° Aiming Angle Horizontal Footcandles					30° Aiming Angle Vertical Footcandles				
	D	FC	L	W	CB	D	FC	L	W	CB
NARROW FLOOD	5.0'	231	1.8	1.5	3.0	3.0'	138	2.7	1.5	5.0
	7.5'	109	2.5	2.2	4.0	4.0'	80	3.5	1.9	6.0
	10.0'	58	3.5	3.0	5.0	5.0'	52	4.3	2.5	8.0
	12.5'	40	4.1	3.7	7.0	6.0'	36	5.1	2.9	9.0
FLOOD	5.0'	69	3.2	3.0	3.0	3.0'	60	3.1	2.6	4.0
	7.5'	32	4.7	4.5	4.0	4.0'	36	4.0	3.3	5.0
	10.0'	18	6.2	5.9	5.0	5.0'	23	5.0	4.0	6.0
	12.5'	11	7.8	7.5	7.0	6.0'	16	5.9	4.8	7.0
WIDE FLOOD	5.0'	37	4.1	3.8	2.0	3.0'	32	3.5	3.2	3.0
	7.5'	17	6.0	5.7	4.0	4.0'	18	4.7	4.3	5.0
	10.0'	9	8.1	7.5	5.0	5.0'	12	5.7	5.3	6.0
	12.5'	6	9.9	9.5	6.0	6.0'	8	6.6	6.3	7.0