

CAVALETTO II

LED RECESSED ADJUSTABLE FLOOD

CAV-II
LED

APPLICATION:

Retail and commercial wall lighting

CONSTRUCTION:

Extruded aluminum heat sink with stamped aluminum end plates
Formed steel trim and upper housing
Powder coat paint

MOUNTING:

For use in T-grid or sheet rock ceilings

ELECTRICAL:

Electronic constant current LED driver, 120v or 277v input

OPTICS:

LED cluster

Color Temp: 3000K (3045K ±175)

CRI: 85

Life: 50,000 hrs

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

Lumen output: 2300 typical

45° tilt

Vertical aiming angle indicator

Locking vertical adjustment

Beam options: Wide Flood 45° and Very Wide Flood 60°

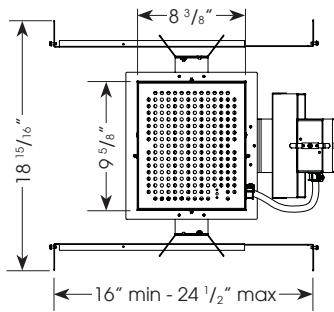
LABELING:

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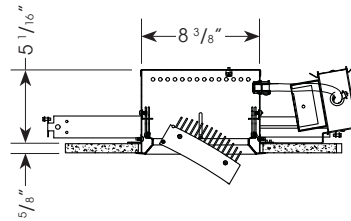
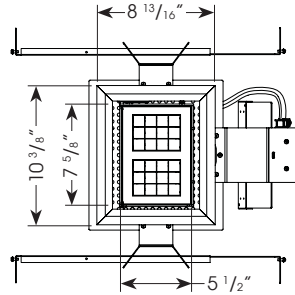


PROJECT:

TYPE:



Ceiling cut out dimension: 8 1/8" x 9 5/8"



ELECTRICAL

Driver	Operating Watts* (min/max)	Amps* (min/max)
Electronic 120v	54/76	.46/.64
277v	54/76	.20/.28

Class 2 constant current driver, 700 mA

*LED forward voltage bins result in actual consumed watts ranging from 54w to 76w. For circuiting planning use max watts and amp data provided.



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

ORDERING INFORMATION:

Model	Wattage	Lamp Type	Driver	Finish	Voltage	Beam Spread	Color Temp
CAV-II	64	LED	E - electronic	WT - white texture	120 277	WF - wide flood 45° VWF - very wide flood 60°	3000 Consut factory for other color temperature options

Example: CAV-II-64-LED-E-WT-120-WF-3000

Cat #:

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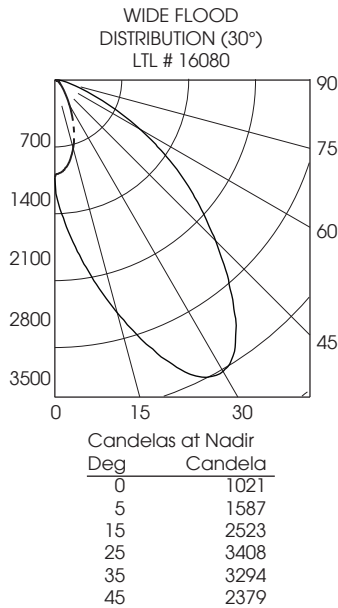
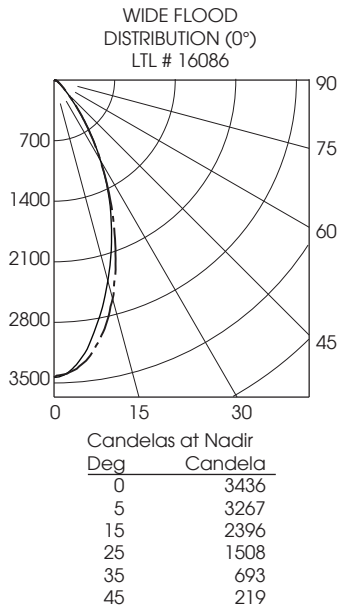


TYPE:

FIXTURE DATA:

Complete photometric data (ies format) available upon request.

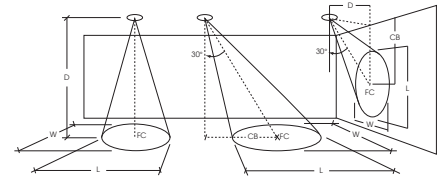
64W LED



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.



D	FC	L	W
5.0'	137	3.5	3.6
7.5'	61	5.1	5.5
10.0'	34	6.9	7.3
12.5'	22	8.6	9.1



D	FC	L	W	CB
3.0'	95	4.0	2.9	2.5
4.0'	54	5.3	3.9	3.5
5.0'	34	6.6	4.9	4.5
6.0'	24	7.8	5.8	5.5

Footcandles on wall
3' from wall, 30° tilt

15	14	14	15	16	15	14	15	15
33	31	28	32	34	31	28	31	33
53	49	46	50	54	50	46	49	53
63	60	58	61	64	61	57	60	63
63	62	60	62	64	62	59	61	63
57	56	55	56	58	56	54	56	57
48	47	47	48	49	48	47	48	48
39	39	39	40	40	39	39	40	40

Footcandles are average and rounded off. Data for multiple units are based on a minimum of five units.