

MINI CAVALETTO® WALL WASH

LED RECESSED ADJUSTABLE WALL WASH

MCAV-A15
LED

APPLICATION:

Retail and commercial wall wash lighting

CONSTRUCTION:

Extruded aluminum heat sink
Formed steel trim and upper housing
Thermally protected
Integral visor standard
Powder coat paint

ELECTRICAL:

Electronic constant current LED driver, 120v or 277v input
ELV & 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.

MOUNTING:

For use in T-grid or sheet rock ceilings

OPTICS:

Wall wash beam spread
0-55° tilt

LED cluster

Color Temp Options: 2700K, 3000K, 3500K, 4000K
CRI: 83 typ. (2700K, 3000K, 3500K, 4000K)

90+ typ. (2700K, 3000K)

CrispWhite LED available

R9 Values: 11 (83CRI), 55 (90+CRI)

Binning: 3 MacAdam

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

Lumen Output (3000K): 25W 1821 lm typ.

34W 2476 lm typ.

42W 3444 lm typ. (81 lpw)

51W 3714 lm typ. (73 lpw)

LABELING:



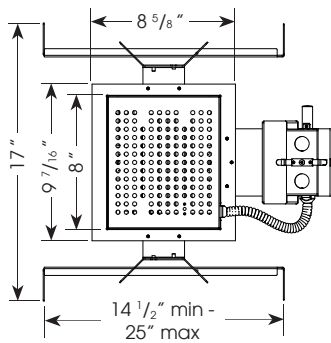
Damp location

For indoor use only

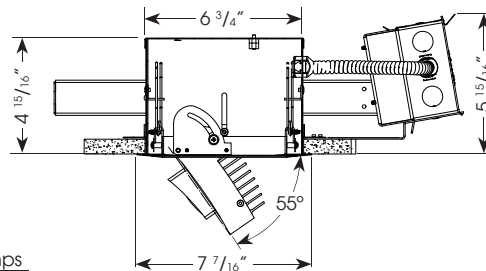
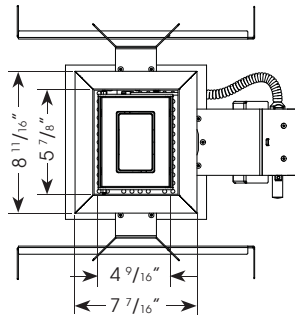


PROJECT:

TYPE:



Ceiling cut out dimension: 6 3/4" x 8"



ELECTRICAL

Electronic driver

| | 25W | | 34W | | 42W | | 51W | |
|------|--------------|------|--------------|------|--------------|------|--------------|------|
| | System Watts | Amps | System Watts | Amps | System Watts | Amps | System Watts | Amps |
| 120v | 25 | 0.21 | 34 | 0.28 | 42 | 0.35 | 51 | 0.43 |
| 277v | 25 | 0.09 | 34 | 0.12 | 42 | 0.15 | 51 | 0.18 |

ORDERING INFORMATION:

| Housing Model | Wattage | Lamp Type | Voltage | Options | Trim Model | Finish | Beam Spread | Color Temp (CCT-CRI) |
|---------------|---------|-----------|---------|-----------------------|------------|--------------------|----------------|--|
| MCAV-A15 | 25 | LED | 120 | 0-10V - 0-10v dimming | MCAV-A15 | WT - white texture | WW - wall wash | 27 - 2700K-83 30 - 3000K-83 35 - 3500K-83 40 - 4000K-83 |
| | 34 | | 277 | (42W max) | | | | 279 - 2700K-90+ 309 - 3000K-90+ |
| | 42 | | | | | | | CRISP - CrispWhite |
| | 51 | | | | | | | |

Example: MCAV-A15-34-LED-120/MCAV-A15-WT-WW-30

Cat #:

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



(see website for details)

MINI CAVALETTO® WALL WASH

LED RECESSED ADJUSTABLE WALL WASH

MCAV-A15
LED



TYPE:



FIXTURE DATA: For 25W data, multiply by 0.49; For 34W data, multiply by 0.67; For 42W data, multiply by 0.82 Complete photometric data (ies format) available upon request.

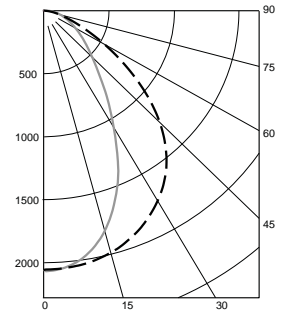
MINI CAVALETTO 51W LED 3000K-83
Lamp: One white LED Lamp Lumens: 3714
Recessed

ZONAL LUMEN SUMMARY

| Zone | Lumens | %Fixt |
|--------|--------|-------|
| 0-40 | 2225 | 59.9 |
| 0-60 | 3288 | 88.5 |
| 0-90 | 3709 | 99.9 |
| 90-180 | 4 | 0.01 |

Total Luminare Efficiency = 73.3 lm/w

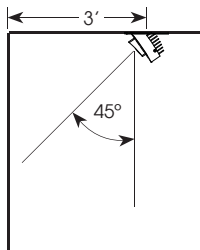
LTL# 1124974



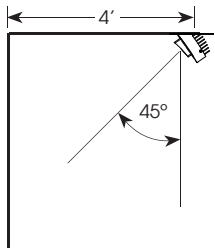
APPLICATION DATA:

Footcandles on Wall

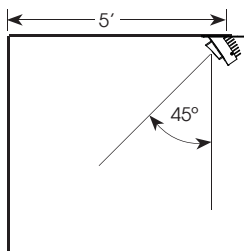
Footcandles are average and rounded off. Data for multiple units are based on a minimum of five units.



| Distance from ceiling | 6' | | | | | 6' | | | | | |
|-----------------------|------|------|------|------|------|------|------|------|------|------|----|
| | 0.5' | 1.5' | 2.5' | 3.5' | 4.5' | 0.5' | 1.5' | 2.5' | 3.5' | 4.5' | |
| 0.5' | 95 | 98 | 76 | 57 | 56 | 73 | 96 | 98 | 76 | 57 | 56 |
| 1.5' | 133 | 135 | 107 | 82 | 81 | 103 | 133 | 135 | 107 | 82 | 81 |
| 2.5' | 108 | 109 | 95 | 81 | 80 | 93 | 109 | 109 | 95 | 81 | 80 |
| 3.5' | 74 | 75 | 70 | 64 | 64 | 69 | 74 | 75 | 70 | 64 | 64 |
| 4.5' | 50 | 50 | 48 | 48 | 47 | 49 | 50 | 50 | 49 | 48 | 47 |
| 5.5' | 35 | 36 | 35 | 34 | 34 | 35 | 36 | 36 | 35 | 35 | 34 |
| 6.5' | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 |
| 7.5' | 19 | 19 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 8.5' | 15 | 15 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 15 |



| Distance from ceiling | 8' | | | | | 8' | | | | |
|-----------------------|------|------|------|------|------|------|------|------|------|------|
| | 0.5' | 1.5' | 2.5' | 3.5' | 4.5' | 0.5' | 1.5' | 2.5' | 3.5' | 4.5' |
| 0.5' | 52 | 52 | 44 | 35 | 30 | 30 | 35 | 44 | 52 | 52 |
| 1.5' | 75 | 75 | 63 | 50 | 42 | 42 | 50 | 63 | 75 | 75 |
| 2.5' | 75 | 75 | 66 | 55 | 47 | 47 | 55 | 66 | 75 | 75 |
| 3.5' | 60 | 60 | 56 | 49 | 45 | 45 | 49 | 56 | 61 | 61 |
| 4.5' | 45 | 45 | 43 | 40 | 38 | 38 | 40 | 43 | 45 | 45 |
| 5.5' | 34 | 34 | 33 | 31 | 31 | 31 | 32 | 33 | 34 | 34 |
| 6.5' | 26 | 26 | 25 | 25 | 25 | 25 | 26 | 26 | 26 | 26 |
| 7.5' | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 8.5' | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 |



| Distance from ceiling | 8' | | | | | 8' | | | | |
|-----------------------|------|------|------|------|------|------|------|------|------|------|
| | 0.5' | 1.5' | 2.5' | 3.5' | 4.5' | 0.5' | 1.5' | 2.5' | 3.5' | 4.5' |
| 0.5' | 35 | 35 | 32 | 29 | 27 | 27 | 29 | 32 | 35 | 35 |
| 1.5' | 49 | 49 | 45 | 40 | 36 | 36 | 40 | 45 | 49 | 49 |
| 2.5' | 56 | 56 | 52 | 46 | 43 | 43 | 46 | 52 | 56 | 56 |
| 3.5' | 52 | 52 | 49 | 46 | 44 | 44 | 46 | 49 | 52 | 52 |
| 4.5' | 44 | 44 | 43 | 41 | 40 | 40 | 41 | 43 | 44 | 44 |
| 5.5' | 36 | 36 | 35 | 35 | 34 | 34 | 35 | 36 | 36 | 36 |
| 6.5' | 29 | 29 | 29 | 29 | 28 | 28 | 29 | 29 | 29 | 29 |
| 7.5' | 23 | 24 | 24 | 24 | 23 | 23 | 24 | 24 | 24 | 24 |
| 8.5' | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |