

MURRO LED WALL WASH

VERTICAL TRACK WALL WASH LED

APPLICATION

Wall wash lighting for retail, commercial & hospitality environments

CONSTRUCTION:

Die-cast heatsink
Extruded driver enclosure
No exposed wiring
Powder coat paint

ELECTRICAL:

Electronic constant current LED driver, 120v - 277v input
ELV and Triac dimming standard, 120v or 277v.
See following pages for more information.

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.

OPTICS:

0-180° tilt, 360° rotation
Wall wash beam spread
LED:

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

97 typ. (2700K, 3000K)

Crisp White LED available

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

Binning: 3 MacAdam

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

Lumen Output: 19w 1888 lm, 98.3 lpw

31w 2860 lm, 91.1 lpw

MOUNTING:

Track, canopy, c-clamp and busway

Note: Ceiling mount only

LABELING:



Dry location

MURV
LED



PROJECT:

TYPE:

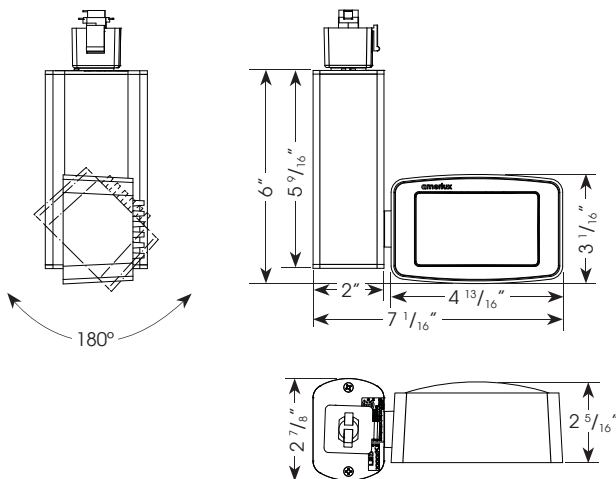


Electrostatic sensitive device,
observe precautions for
handling

Title 24
Compliant

5 year limited
warranty
AMERLUX LED

(see website for details)



ELECTRICAL

Electronic driver

	19w		31w	
	System Watts	Amps	System Watts	Amps
120v	19	0.16	31	0.26
277v	19	0.07	31	0.11

ORDERING INFORMATION:

Model	Wattage	Lamp Type	Finish	Mounting	Voltage	Beam Spread	Color Temp	Options
MURV	19 31	LED	WT - white texture BT - black texture ST - silver texture - (other RAL)	TN1 - Global 1cir/H-Style, 120v TEK - Global 2cir/2neut, 120v TN3 - Global 3cir, 120v TN2 - Global 2cir/2neut, 277v CT - J-Style LOL - L-Style CPR - Capri adapter LLAB - Litelab Bus Run, 120v B - busway C - canopy CCL2 - C-clamp with SCP - straight cord, 6' CCP - coil cord, 5'	120 277	WW - wall wash	83 CRI 2700 3000 3500 4000 97 CRI 2700-97 3000-97 CRISP - crisp white	VISU - visor up VISD - visor down

Example: MURV-31-LED-WT-TN1-120-WW-3000

Cat #:

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

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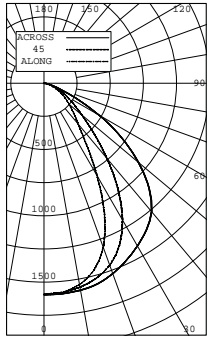
TYPE:

FIXTURE DATA: For 19w data, multiply by 0.61
 CCT Correction Factors: 2700-83 = 0.92; 3500-83 = 1.08; 4000-83 = 1.17
 2700-97 = 0.77; 3000-97 = 0.84; CRISP = 0.78

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

MURRO LED WALL WASH 31W 3000K
 Source: 1 white LED array Lumens: 2860
 Track Mounting

LTL# 827309



ZONAL LUMEN SUMMARY

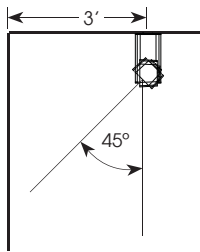
Zone	Lumens	%Fixt
0-30	1177	41.16
0-40	1780	62.24
0-60	2617	91.48
0-90	2860	100.0
40-90	1080	37.76
60-90	244	8.52
90-180	0	0.00
0-180	2860	100.00

Efficacy (lm/w = 91.1)

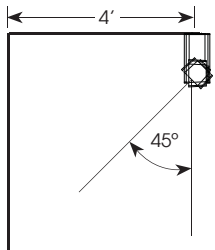
APPLICATION DATA:

Footcandles on Wall

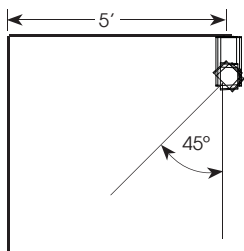
Footcandles are average and rounded off.
 Data for multiple units are based on a minimum of five units.



	6'									
0.5'	64	66	55	43	43	53	64	65		
1.5'	115	119	94	75	74	91	115	116		
2.5'	93	94	83	82	81	81	93	94		
3.5'	64	64	60	56	55	60	64	64		
4.5'	43	43	42	41	41	42	42	43		
5.5'	31	31	31	30	30	30	30	30		
6.5'	22	22	22	22	22	22	22	22		
7.5'	17	17	17	17	17	16	16	16		
8.5'	13	13	13	13	13	13	13	12		



	8'									
0.5'	35	35	31	25	23	23	25	31	34	34
1.5'	63	63	55	43	37	37	43	55	63	63
2.5'	65	65	57	48	43	43	48	57	65	64
3.5'	51	51	48	43	40	40	43	48	51	51
4.5'	39	39	37	35	33	33	35	37	38	38
5.5'	29	29	28	27	27	27	27	28	29	29
6.5'	22	22	22	22	21	21	22	22	22	22
7.5'	18	18	17	17	17	17	17	17	17	17
8.5'	14	14	14	14	14	14	14	14	14	14



	8'									
0.5'	23	23	23	21	20	20	21	23	23	23
1.5'	40	40	38	34	32	32	34	38	40	40
2.5'	49	49	46	42	39	39	42	46	49	48
3.5'	44	44	43	40	38	38	40	43	44	44
4.5'	37	37	37	35	34	34	35	37	37	37
5.5'	30	30	30	30	29	29	30	30	30	30
6.5'	25	25	25	24	24	24	24	25	24	24
7.5'	20	20	20	20	20	20	20	20	20	20
8.5'	17	17	17	17	17	17	17	17	17	17

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MURV
LED



TYPE:



DIMMING COMPATIBILITY:

Amerlux® "Murro LED" track head is compatible with TRIAC and ELV dimming protocols prevalent in the United States. Please see below for general compatibilities and wiring diagrams. Amerlux recommends testing your unique dimming configuration as the exact full configuration (Dimmer, Fixture Quantity, Voltage, etc) may affect dimming performance.

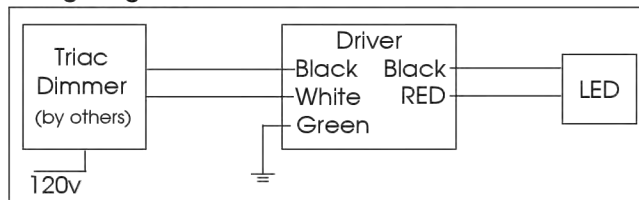
TRIAC (Forward Phase) DIMMING (standard)

Utilizes "Standard" incandescent dimmers that are in wide use in installations across the US. Best for retrofit applications where Triac dimmers are installed.

Notes:

- 19w-120v only, 31w-120v or 277v
- Dims down to less than 5% light output (most cases)
- Consult Dimming manufacturer for installation instructions - DO NOT SHARE NEUTRALS!
- Must meet dimmer Minimum Load Requirements per dimming manufacturer

Wiring Diagram



Compatible Dimmers

Wall Box (Incandescent Style, Wattage as required)

Lutron "Diva"
Lutron "Nova-T"
Lutron "Maestro"

Lutron "Vareo"
Lutron "Skylark"

Central System

ETC "SR" Rack w/D20
Module
Lutron "GP" Panel

ETC "DRD" Rack w/D20
Module
Lutron Grafix Eye QS

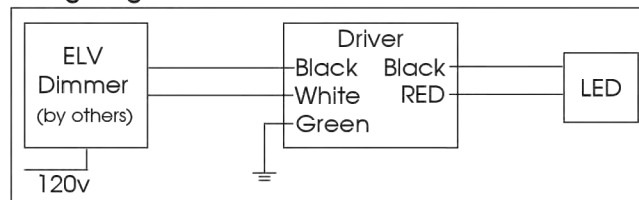
ELV - Electronic Low Voltage (Reverse Phase) DIMMING (standard)

Utilizes specialized "ELV" dimmers. Best for New Construction applications

Notes:

- 19w-120v only, 31w-120v or 277v
- Dims down to less than 5% light output (most cases)
- Consult Dimming manufacturer for installation instructions - DO NOT SHARE NEUTRALS!
- Must meet dimmer Minimum Load Requirements

Wiring Diagram



Compatible Dimmers

Wall Box (ELV Style)

Lutron "Diva"
Lutron "Nova-T"
Lutron "Maestro"
Leviton "Surslide"

Lutron "Vareo"
Lutron "Skylark"

Leviton "Vizio"

Central System

ETC "SR" Rack w/ELV10
Module
Lutron "GP" Panel with
PHPM-PA Interface

ETC "DRD" Rack w/ELV10
Module
Lutron Grafix Eye QS with
PHPM-PA Interface

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