Murro® HP
Track Wall Wash

PROJECT: **TYPE:**

Features

Murro® Vertical Hight Power offers you greater light output. With lumens over 3500 you can really make your walls pop. Small in size, high in output, Murro out performs others, time after time. With unique optics and code-ready dimmability, Murro reduces your costs dramatically. It's a light so powerful, your walls have never looked better.

MURV-HP

Product Overview

Type: Track Wall Wash
Wattage: 37W
Color Temp: 2700K, 3000K, 3500K, 4000K
CRI: 83 typ. or 90+ typ.
                Class A LED available
Dimming: TRIAC & ELV, 5% Dim, 120/277VAC

Certifications

5 year limited warranty
AMERLUX LED

Fixture Summary

Performance Data

Watts	Delivered Lumens	LPW	Color Temp-CRI
37	3501	93.8	3000K-83

Data is based on 3000K-83 120V IES files available on website.

Electrical Data

	37W	
Voltage	System Watts	Amps
120V	37	0.31
277V	37	0.13

Electronic constant current LED driver.

Delta Intelligent Building Technologies

178 Bauer Drive, Oakland, NJ 07436 • P: 973-882-5010 F: 973-882-2605 • amerlux.com
Amerlux reserves the right to change details that do not affect overall function and performance.
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Murro® HP
Track Wall Wash

PROJECT:	TYPE:

Ordering Information

__MURV-HP__ . __31__ . _____ . _____ . _____ . __WW__ . _____ . __LE/TE__ . _____

1   **2**   **3**   **4**   **5**   **6**   **7**   **8**   **9**

1 Model
MURV-HP

2 Wattage
37

3 Finish
WT white texture
BT black texture
ST silver texture
Other finishes, consult factory

4 Mounting
TN1 Global GES 1cir/H-Style, 120V
TEK Global TEK 2cir/2neut, 120V
TN3 Global XTS 3cir, 120V
TN2 Global HTEK 2cir/2neut, 277V
CT J-Style 1 or 2 cir, 120V
LOL L-Style 1cir, 120V
CPR Capri 1cir, 120V
C canopy, 120V or 277V
CCL2-SCP C-clamp, black, with straight cord*, 6' 120V
CCL2-CCP C-clamp, black, with coil cord*, 5' 120V

*Notes: * Black cord used for BT & ST finish. White cord used for WT finish.*

5 Voltage
120
277

6 Beam Spread
WW wall wash

7 Color Temp

83 CRI	90+ CRI	
27 2700K-83	**279†** 2700K-90+	**3CLA** 3K Class A
30 3000K-83	**309** 3000K-90+	
35 3500K-83	**359** 3500K-90+	
40 4000K-83	**409†** 4000K-90+	

† *Consult factory for lead time*

8 Driver
LE/TE TRIAC/ELV dimming, 120/277V

9 Options/Accessories
VISU visor up *(finish matches fixture finish)*
VISD visor down *(finish matches fixture finish)*

Murro® HP

Track Wall Wash

Specifications

Application

Retail, Grocery and Commercial wall wash lighting

Construction

Extruded aluminum driver housing
Die-cast aluminum fixture head, front door, heat sink and driver housing end plates.
No exposed wiring

Optical

0-90º tilt, 360º rotation
Wall wash beam spread

LED

Color Temp Options: 2200K, 2700K, 3000K, 3500K, 4000K, Class A
CRI: 83 typ. or 90+ typ.
Class A* LED available
R9 Values: 11 *(83 CRI)*, 55 *(90+ CRI)*
Binning: 3-step MacAdam ellipse *(SDMC)*
Life: 50,000+ hrs, > 70% of initial lumens at 50,000 hrs

* Class A LED: Class A LED's have a CRI > 80 and a GAI > 80. CRI defines color "Naturalness" and GAI defines color "Saturation." Both being high delivers rich colors and pure whites.

Electrical

Wattage: 37W
Electronic constant current LED driver, 120/277VAC input
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 and over voltage damage is not covered under warranty.

Driver

LE/TE - Leading Edge *(Triac, Forward Phase)* or Trailing Edge *(ELV, Reverse Phase)* autosensing driver dims down to 5% on most dimming systems. *See dimming pages for more information.*

Finish

Powder coat paint.
Standard Colors: White Texture, Black Texture, Silver Texture
Consult factory for custom RAL powder coat finishes

Mounting

Track, canopy and c-clamp.
Note: Recommend track fixture mounting to horizontal surface mounted/ pendant mounted track only

Certifications

Approved to UL standards as tested by CSA.
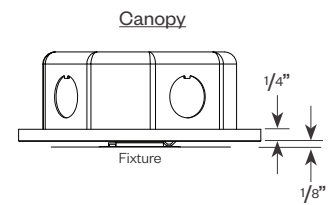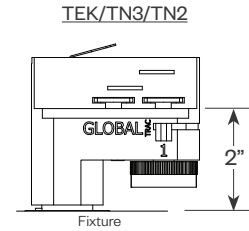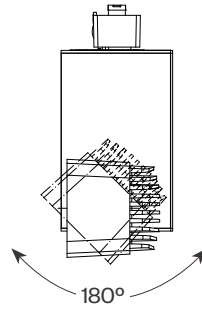Intended for indoor use only.
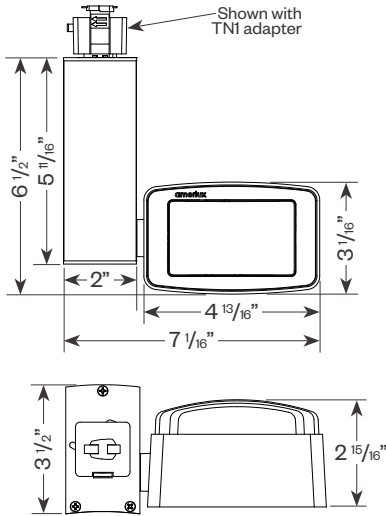
Warranty

5 year limited warranty

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PROJECT:	TYPE:

Product Details

Shown with TN1 adapter

6 1/2"
5 11/16"
3 1/16"
2"
4 13/16"
7 1/16"

3 1/2"
2 15/16"

180°

TEK/TN3/TN2

GLOBAL
1
2"
Fixture

Canopy

1/4"
Fixture
1/8"

Accessories

Visor (Up)
3 11/16"

4 5/8"
Visor (Down)
4 13/16"

5 1/16"
2 1/16"
3 1/2"
5/8"
2"

3/8"
2 15/16"

Murro® HP
Track Wall Wash

amerlux
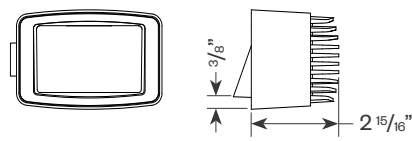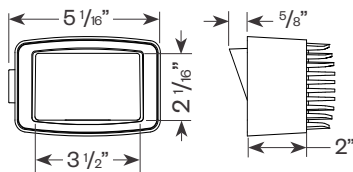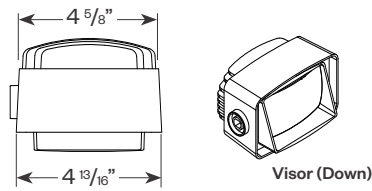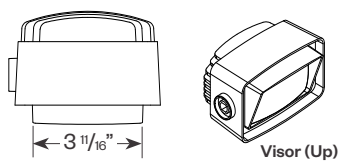
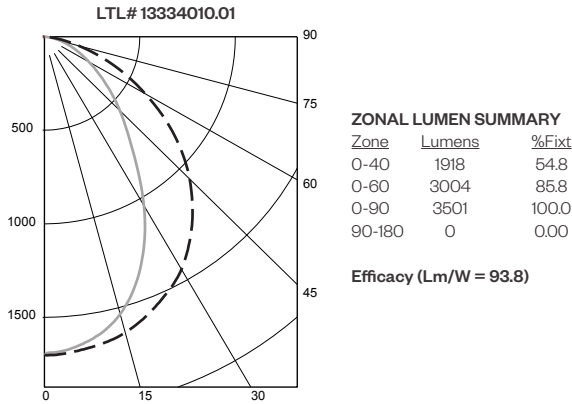| PROJECT:	TYPE:

Performance Data

Multiplying Factors: *(Multiplying Factor is based on 3000K-83 120V IES file on website)*

CCT:	2700K-83	3000K-83	3500K-83	4000K-83	2700K-90+	3000K-90+	3500K-90+	4000K-90+	3CLA
Factor:	0.96	1.0	1.02	1.04	0.80	0.83	0.87	0.90	0.75

MURRO LED WALL WASH 37W 3000K-83
Source: 1 white LED array;   Lumens: 3501
Track Mounting

LTL# 13334010.01

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixt
0-40	1918	54.8
0-60	3004	85.8
0-90	3501	100.0
90-180	0	0.00

**Efficacy (Lm/W = 93.8)**

Application Data *(footcandles on wall)*

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

3' — 45°   6'
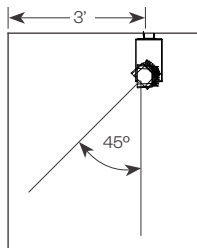
Distance from ceiling								
0.5'	98	100	77	59	58	75	98	100
1.5'	127	129	102	77	76	99	128	129
2.5'	100	101	87	73	72	85	101	102
3.5'	68	69	63	58	58	63	69	69
4.5'	46	46	45	43	43	45	47	47
5.5'	32	33	32	32	32	32	33	33
6.5'	24	24	24	24	24	24	25	25
7.5'	18	18	18	18	19	19	19	19
8.5'	14	15	15	15	15	15	15	15

4' — 45°   8'
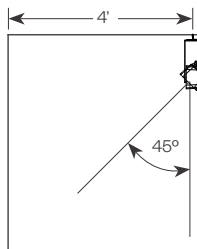
Distance from ceiling									
0.5'	54	54	47	37	31	32	37	46	54	54
1.5'	73	73	63	49	41	41	49	63	73	73
2.5'	70	70	61	51	44	44	51	61	70	70
3.5'	55	56	51	45	40	40	45	51	56	56
4.5'	42	42	39	36	35	35	37	39	42	42
5.5'	31	31	30	29	28	28	29	30	31	31
6.5'	24	24	24	23	23	23	23	24	24	24
7.5'	19	19	19	19	18	18	19	19	19	19
8.5'	15	15	15	15	15	15	15	16	16	16

5' — 45°   8'
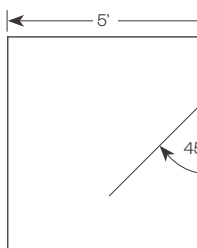
Distance from ceiling									
0.5'	h37	37	34	31	29	29	31	34	37	37
1.5'	50	50	46	40	37	37	40	46	50	50
2.5'	53	53	49	44	41	41	44	49	53	53
3.5'	48	48	45	42	40	40	42	45	48	48
4.5'	40	40	39	37	36	36	37	39	40	40
5.5'	32	32	32	31	31	31	31	32	33	33
6.5'	26	26	26	26	26	26	26	26	26	26
7.5'	21	22	22	21	21	21	21	21	22	22
8.5'	18	18	18	18	18	18	18	18	18	18

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Dimming Compatibility

Amerlux® Murro® fixtures are compatible with all major 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.

--- NOTE: INFORMATION BELOW IS FOR WIRED DIMMERS ONLY. FOR WIRELESS DIMMERS, CONSULT FACTORY ---

TRIAC *(Forward Phase)* Dimming
Utilizes standard TRIAC dimmers that are in wide use in installations across the US. Best for retrofit applications where TRIAC dimmers are installed.

Notes:
- 120VAC or 277VAC*
- Dims down to 5% light output *(most cases)*
- Consult Dimming manufacturer for installation instructions - **DO NOT SHARE NEUTRALS!**
- Must meet dimmer Minimum Load Requirements per dimming manufacturer

TRIAC Wiring Diagram
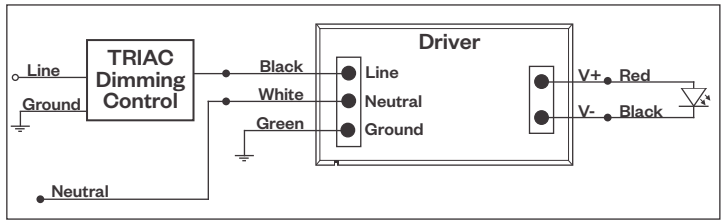
Compatible Dimmers†:

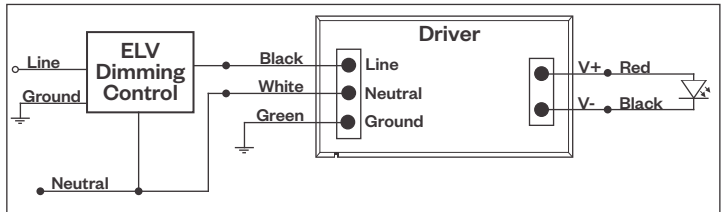| Wall Box *(TRIAC 120VAC)*	Central System
Lutron "Diva"	Lutron "GP" Panel
Lutron "Nova-T"	Lutron Grafik Eye QS
Lutron "Maestro"	
Lutron "Skylark"	

ELV - Electronic Low Voltage *(Reverse Phase)* Dimming
Utilizes specialized "ELV" dimmers.

Notes:
- 120VAC or 277VAC*
- Dims down to 5% light output *(most cases)*
- Consult Dimming manufacturer for installation instructions - **DO NOT SHARE NEUTRALS!**
- Must meet dimmer Minimum Load Requirements per dimming manufacturer

ELV Wiring Diagram

Compatible Dimmers†:

Wall Box *(ELV 120VAC)*	Wall Box *(ELV 277VAC)*	Central System
Lutron "Diva"	Leviton Revoir II AWSMT-E	Lutron "GP" Panel with PHPM-PA 120/277VAC
Lutron "Nova-T"		Lutron Grafik Eye QS with PHPM-PA 120/277VAC
Lutron "Maestro"		
Lutron "Skylark"		
Leviton "Surslide"		
Leviton "Vizio"		

Notes:

* Driver is 277VAC dimmable with appropriate dimmer *(by others)*. All provided wiring diagrams show 120VAC wiring colors and method. Please refer to 277VAC dimmer installation instructions for 277VAC wiring diagrams.

† The absence of a dimmer from the lists above does not imply incompatibility. Please consult factory for compatibility inquiries.