

# Murro® HP

## Round Surface Wall Wash



PROJECT:

TYPE:

### Features

The Murro® Round Surface Canopy is a high performing alternative for designers. The Murro® LED module sits on the canopy plate with a single arm yoke, giving designers the aiming flexibility you have with a track head. Small in size, high in output, Murro outperforms 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.



### Product Overview

Type: Surface 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  
0-10V, 1% Dim, 120VAC

### Certifications



### 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

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

Electronic constant current LED driver.

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### Ordering Information - Housing/Frame

	1	2	3	4	5
<b>1 Model</b>	For New Construction <b>MUR-RSC-R-NC-A17</b> <i>(New Construction)</i> <b>MUR-RSC-R-CP-A17</b> <i>(Chicago Plenum (CCEA) housing)</i>  For Existing Ceilings <b>MUR-RSC-R-REM-A17</b> <i>(Remodeler)</i>	<b>2 Wattage</b>	<b>3 Voltage</b>	<b>4 Driver</b> <i>(for non-dimming, select LE/TE option)</i>	<b>5 Options/Accessories</b>
		37	120 277	LE/TE* TRIAC/ELV dimming 0-10V* 0-10V dimming, 1% dim	HB49 hanger bars from min 29" to max 49" <i>(not available for use with REM options)</i>  Note: 26" hanger bars are included as standard. Choose <b>HB49</b> option above for larger mounting spaces only.

### Ordering Information - Trim

	1	2	3	4	5
MUR-HP-RSC-A17 . . . WW . . .					
<b>1 Model</b>	<b>2 Finish</b>	<b>3 Beam Spread</b>		<b>4 Color Temp</b>	<b>5 Options/Accessories</b>
MUR-HP-RSC-A17	WT white texture BT black texture ST silver texture <i>Other finishes, consult factory</i>	WW wall wash		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	VISU visor up <i>(finish matches fixture finish)</i> VISD visor down <i>(finish matches fixture finish)</i>

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### Specifications

#### Application

Retail and commercial wall wash lighting

#### Construction

20 ga. galvanized steel frame  
18 ga. galvanized steel splice housing and hanger brackets (*not for Remodeler version*)  
Die-cast optical housing and heat sink

#### Optical

0-180° tilt, 360° 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*)  
0-10V also available  
*See pages 7-8 for more dimming information*

#### Finish

Powder coat paint  
*Consult factory for custom finishes*

#### Mounting

For use in T-Grid or GB ceilings; max ceiling thickness 1"  
Adjustable hanger bars included (*14 1/2" - 25" std.*)  
Optional **HB49** - hanger bars from min 29" to max 49" available  
*Consult Factory for thicker ceilings*

#### Certifications

CSA listed to UL standards  
For indoor use only

#### Warranty

5 year limited warranty

# Murro<sup>®</sup> HP

Round Surface Wall Wash

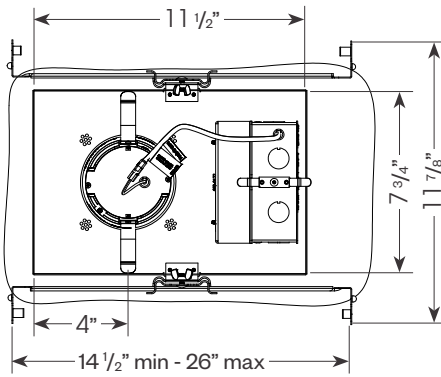


PROJECT:

TYPE:

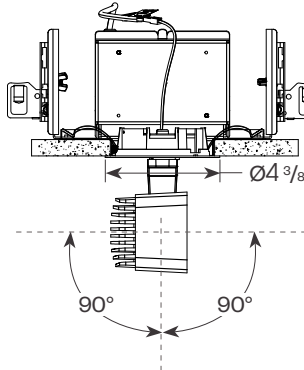
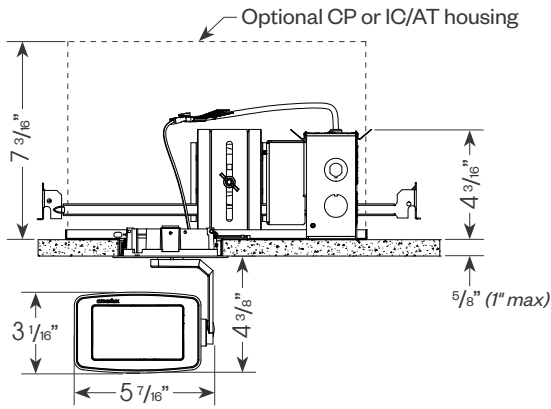
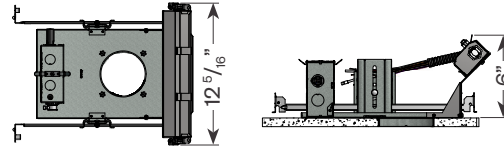
## Product Details

Murro HP Round Surface Canopy (New Construction)



Ceiling cut out: 4" dia.

Emergency Battery Pack (EM) option



# Murro<sup>®</sup> HP

## Round Surface Wall Wash

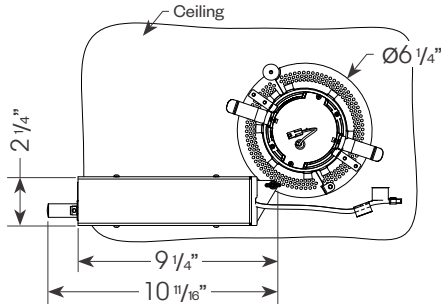


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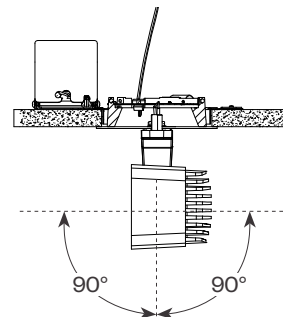
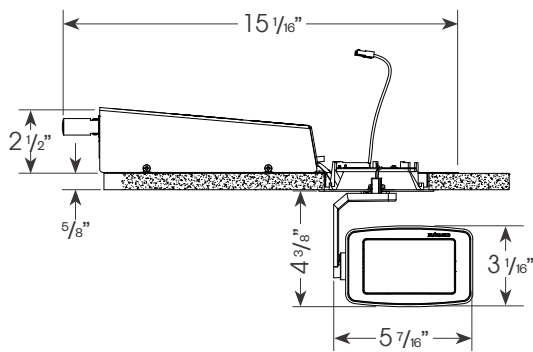
TYPE:

### Product Details *(continued)*

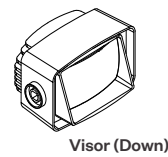
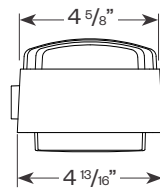
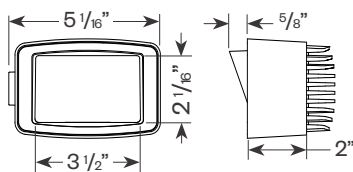
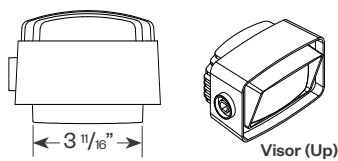
#### Murro HP Round Surface Canopy (Remodeler)



Ceiling cut out: 4" dia.



### Accessories



# Murro® HP

## Round Surface Wall Wash



PROJECT:

TYPE:

### Performance Data

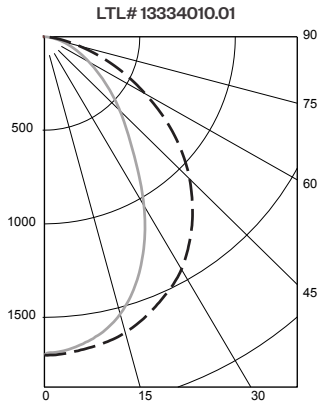
Multiplying Factors: (Multiplying Factor is based on 3000K-83 120V IES file on website)

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



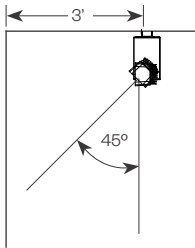
#### ZONAL LUMEN SUMMARY

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

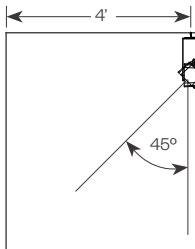
Efficacy (Lm/W = 93.8)

### Application Data (footcandles on wall)

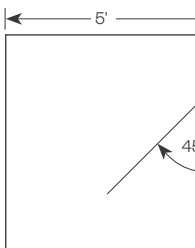
Footcandles are average and rounded off. Data for multiple units are based on a minimum of five units.



Distance from ceiling	6'									
	0.5'	1.5'	2.5'	3.5'	4.5'	5.5'	6.5'	7.5'	8.5'	9.5'
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		



Distance from ceiling	8'									
	0.5'	1.5'	2.5'	3.5'	4.5'	5.5'	6.5'	7.5'	8.5'	9.5'
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



Distance from ceiling	8'									
	0.5'	1.5'	2.5'	3.5'	4.5'	5.5'	6.5'	7.5'	8.5'	9.5'
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<sup>®</sup> Murro<sup>®</sup> 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 ---

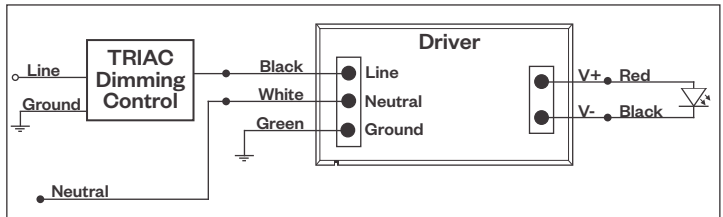
#### TRIAC (Forward Phase) Dimming

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"	

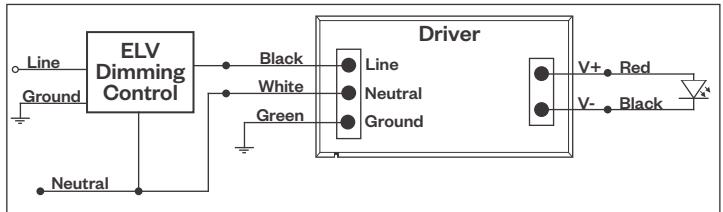
#### ELV - Electronic Low Voltage (Reverse Phase) Dimming

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.

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### Dimming Compatibility

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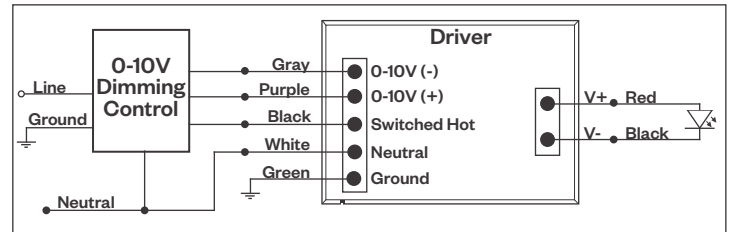
#### 0-10V Dimming

Integrates into a variety of building management and daylighting controls

##### Notes:

- 120VAC or 277VAC\*
- Dims down to 1% light output
- Requires interface to turn off power to driver
- Consult Dimming manufacturer for installation instructions - **DO NOT SHARE NEUTRALS!**

#### 0-10V Wiring Diagram



#### Compatible Dimmers†:

Wall Box		Central System
Lutron "Diva" - DVSTV	Leviton Renoir II 0-10V	Lutron Grafik Eye with GRX-TVI Interface

#### 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.