Murro®
Round Surface Wall Wash

amerlux

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.

MUR-RSC

Product Overview

Type:	Surface Wall Wash
Wattage:	19W, 31W
Color Temp:	2700K, 3000K, 3500K, 4000K
CRI:	83 typ. or 90+ typ.
	CrispWhite & Class A LED's available
Dimming:	TRIAC & ELV, 5% Dim, 120/277VAC
	Lutron LDE1 Hi-lume® 1% Dim Soft-On/Fade-to-Black, 120/277VAC
	0-10V, 1% Dim, 120/277VAC

Certifications

CSA c US

5 year limited warranty
AMERLUX LED

Fixture Summary

Performance Data

Watts	Delivered Lumens	LPW	Color Temp-CRI
19	2478	130.4	3000K-83
31	3673	118.4	3000K-83

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

Electrical Data

Voltage	19W		31W	
	System Watts	Amps	System Watts	Amps
120V	19	0.16	31	0.26
277V	19	0.07	31	0.11

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.
LIT-2110 • 06/18/25 • Page 1 of 8

Murro®
Round Surface Wall Wash

PROJECT:	TYPE:

Ordering Information - Housing/Frame

_____ . _____ . _____ . _____ . _____

[1] **[2]** **[3]** **[4]** **[5]**

1	Model	2	Wattage	3	Voltage
	For New Construction		**19**		**120**
	MUR-RSC-NC-A17 *(New Construction)*		**31**		**277**
	MUR-RSC-CP-A17 *(Chicago Plenum (CCEA) housing)*				**120/277** *(for use with IC housing only)*
	MUR-RSC-IC-A17 *(Insulated Ceiling/air tight housing)*				
	For Existing Ceilings				
	MUR-RSC-REM-A17 *(Remodeler)*				

4	Driver *(for non-dimming, select LE/TE option)*	5	Options/Accessories
	LE/TE* TRIAC/ELV dimming		**EM** emergency battery pack with remote test switch *(not available for use with REM, CP or IC options)*
	HILUME-H-ECO Lutron LDE1 Hi-lume® 1% dim Soft-On/Fade-to-Black		**HB49** hanger bars from min 29" to max 49" *(not available for use with REM options)*
	0-10V* 0-10V dimming, 1% dim		*Note: 26" hanger bars are included as standard.* *Choose* **HB49** *option above for larger mounting spaces only.*

Ordering Information - Trim

MUR-RSC-A17_____ . _____ . WW___ . _____ . _____

[1] **[2]** **[3]** **[4]** **[5]**

1	Model	2	Finish	3	Beam Spread
	MUR-RSC-A17		**WT** white texture		**WW** wall wash
			BT black texture		
			ST silver texture		
			Other finishes, consult factory		

4	Color Temp			5	Options/Accessories
	83 CRI	90+ CRI			**VISU** visor up *(finish matches fixture finish)*
	27 2700K-83	**279** 2700K-90+	**CRISP** CrispWhite		**VISD** visor down *(finish matches fixture finish)*
	30 3000K-83	**309** 3000K-90+	**3CLA** 3K Class A		
	35 3500K-83	**359** 3500K-90+			
	40 4000K-83	**409** 4000K-90+			

Delta Intelligent Building Technologies

Murro®
Round Surface Wall Wash

PROJECT:	TYPE:

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
0-180º tilt, 360º rotation
Wall wash beam spread

LED
Color Temp Options: 2700K, 3000K, 3500K, 4000K, CRISP, Class A
CRI: 83 typ. or 90+ typ.
  CrispWhite* or Class A** LED's available
R9 Values: 11 *(83 CRI)*, 55 *(92 CRI)*
Binning: 3 MacAdam *(SDCM)*
Life: 50,000+ hrs, > 70% of initial lumens at 50,000 hrs

  * *CrispWhite: CrispWhite Technology delivers the warmth of colors expected from a high 90 CRI solution but also creates the natural crisp white color that is pleasing to the eye. It creates the most impactful lighting ever available, by revealing the richest whites and vibrant colors that pop.*

  ** *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: 19W, 31W
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, and Lutron systems 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 ½" - 25" std.)*
Optional **HB49** - hanger bars from min 29" to max 49" available
Consult Factory for thicker ceilings

Certifications
CSA listed to UL standards
IC/AT rated *(optional, not for Remodeler version)*
For indoor use only

Warranty
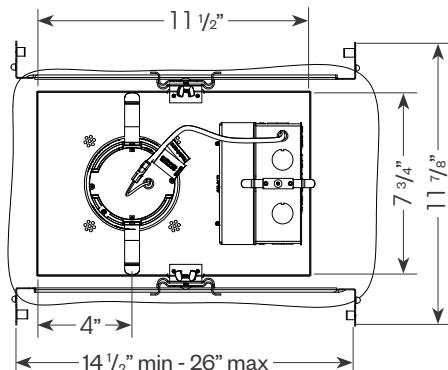5 year limited warranty

Emergency Battery Pack (EM)
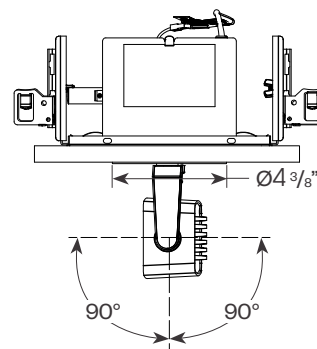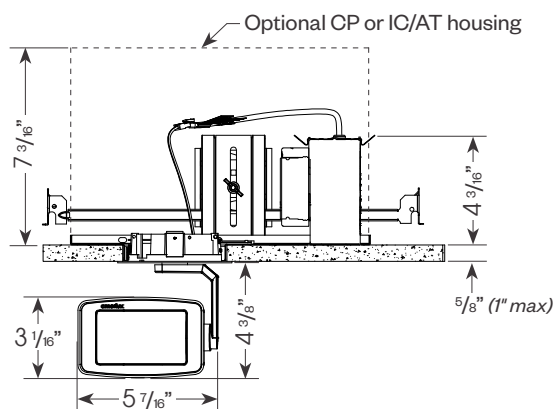**EM** - emergency battery pack with remote test switch *(not for use with REM, CP or IC/AT options)*

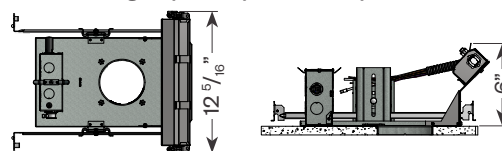## Delta Intelligent Building Technologies

Murro®

Round Surface Wall Wash

PROJECT: **TYPE:**

Product Details

Murro Round Surface Canopy *(New Construction)*

11 ½"
7 ¾"
11 ⅞"
4"
14 ½" min - 26" max

Ceiling cut out: 4" dia.

Emergency Battery Pack (EM) option

12 ⁵/₁₆"
6"

Optional CP or IC/AT housing

7 ³/₁₆"
4 ³/₁₆"
⁵/₈" (1" max)
3 ¹/₁₆"
4 ³/₈"
5 ⁷/₁₆"

Ø4 ³/₈"
90°   90°

Murro®
Round Surface Wall Wash

PROJECT:	TYPE:

Product Details *(continued)*

Murro Round Surface Canopy *(Remodeler)*

Ceiling

Ø6 1/4"

2 1/4"

9 1/4"

10 11/16"

Ceiling cut out: 4" dia.

15 1/16"

2 1/2"

5/8"

4 3/8"

3 1/16"

5 7/16"

90°   90°

Accessories

Visor (Up)

3 11/16"
4 13/16"
5 1/16"
2 7/8"
5/8"
2 1/16"
3 1/2"
2"

Visor (Down)

4 5/8"
5"
3/8"

Murro®
Round Surface Wall Wash

amerlux
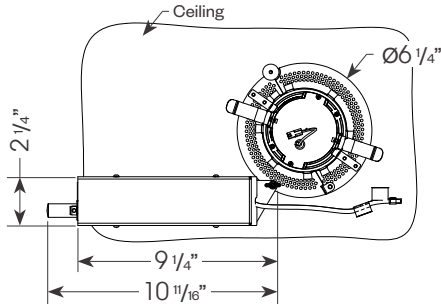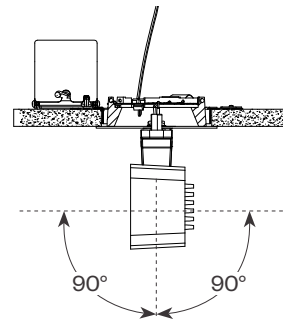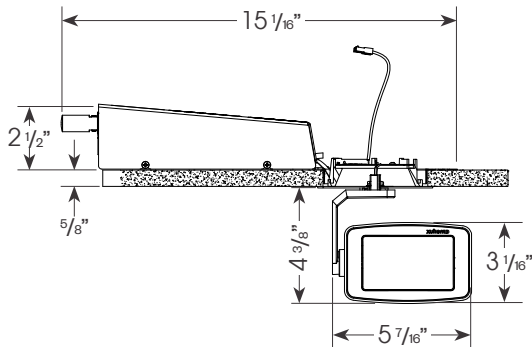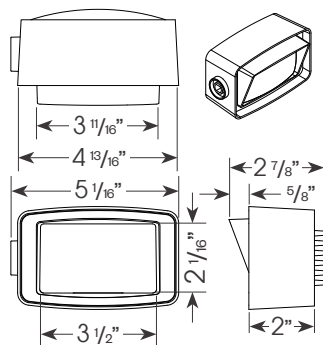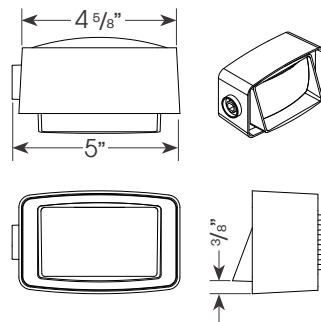
PROJECT:	TYPE:

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
Factor:	0.96	1.0	1.02	1.04

Wattage:	19W	31W
Factor:	0.68	1.0

CCT:	2700K-90+	3000K-90+	3500K-90+	4000K-90+	CRISP	3CLA
Factor:	0.80	0.83	0.87	0.90	0.65	0.75

MURRO LED WALL WASH 31W 3000K-83
Source: 1 white LED array   Lumens: 3673
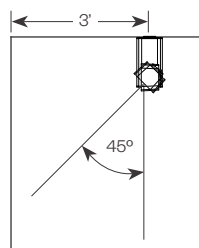**Track Mounting**

LTL# 14724077.01
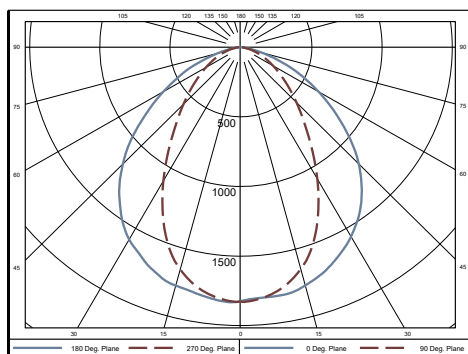
ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixt
0-40	2063	56.2
0-60	3189	86.8
0-90	3673	100.0
90-180	0	0.00

Efficacy: 118.4 lm/W
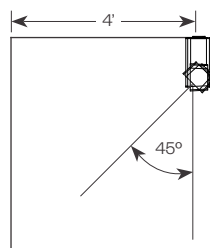
| 180 Deg. Plane | 270 Deg. Plane | 0 Deg. Plane | 90 Deg. Plane |

## Application Data *(footcandles on wall)*

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

3' / 6' / 45°

Distance from ceiling								
0.5'	145	150	82	44	42	76	156	151
1.5'	138	142	91	52	50	87	139	142
2.5'	100	101	77	52	50	74	100	102
3.5'	66	67	57	44	44	56	67	67
4.5'	45	45	41	37	36	41	45	46
5.5'	32	32	31	29	29	31	33	33
6.5'	24	24	24	23	24	24	25	25
7.5'	19	19	19	19	19	19	20	20
8.5'	14	14	14	14	14	14	14	14

4' / 8' / 45°

Distance from ceiling									
0.5'	85	85	58	34	23	24	34	58	85	85
1.5'	88	88	65	40	28	28	40	65	88	88
2.5'	73	73	59	40	30	29	40	58	73	73
3.5'	55	55	48	36	29	29	36	48	55	55
4.5'	41	41	37	31	26	26	31	37	41	41
5.5'	30	30	28	25	23	23	25	29	31	31
6.5'	23	23	22	21	20	20	21	23	24	24
7.5'	15	16	16	15	15	15	15	16	16	16
8.5'	13	13	13	13	13	13	13	14	14	14

5' / 8' / 45°
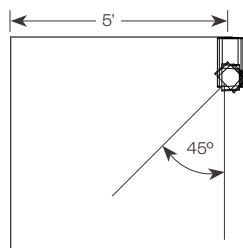
Distance from ceiling									
0.5'	58	58	46	32	25	25	32	46	58	58
1.5'	62	62	51	37	29	29	37	51	62	62
2.5'	57	57	49	38	31	31	38	49	57	57
3.5'	48	48	43	36	30	30	36	43	48	48
4.5'	38	38	36	31	28	28	31	36	38	38
5.5'	30	30	29	27	25	25	27	29	31	31
6.5'	25	25	24	23	22	22	23	24	25	25
7.5'	20	20	20	20	19	19	20	20	21	21
8.5'	17	17	17	17	17	17	17	17	17	17

Delta Intelligent Building Technologies

Murro®
Round Surface Wall Wash

PROJECT:	TYPE:

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
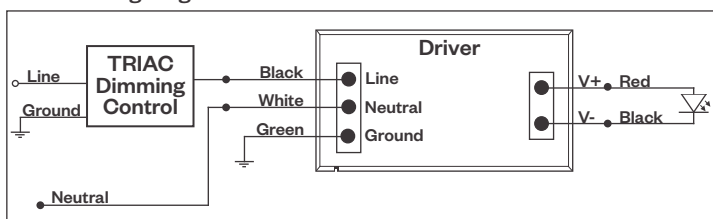
Compatible Dimmers†:

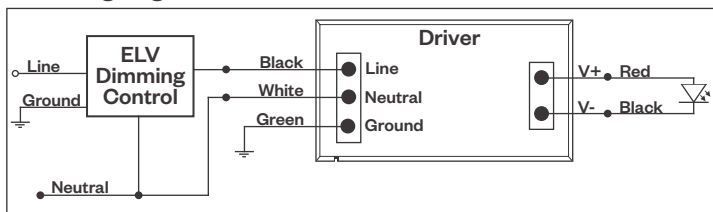| Wall Box *(TRIAC 120VAC)*	Central System
Lutron "Diva"	Lutron "GP" Panel
Lutron "Nova-T"	Lutron Grafik Eye QS
Lutron "Maestro"	
Lutron "Skylark"	

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.

Delta Intelligent Building Technologies

Murro®
Round Surface Wall Wash

PROJECT:	TYPE:

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 ---
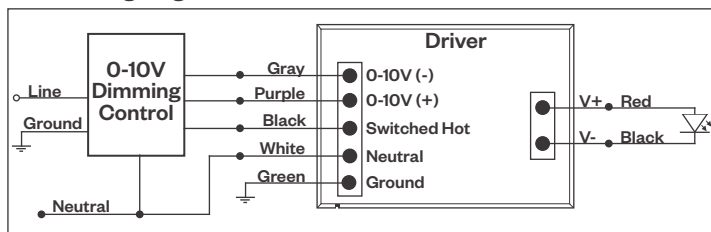
0-10V Dimming
Integrates into a variety of building management and daylighting controls

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

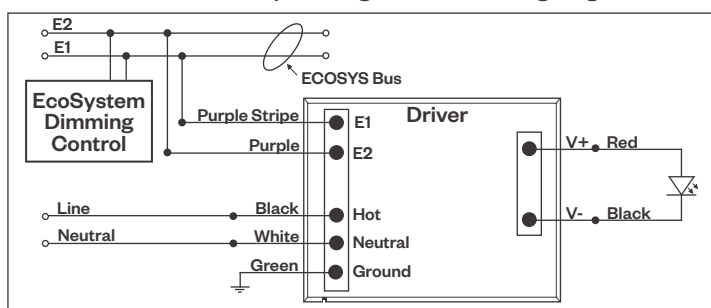| Compatible Dimmers†:		
Wall Box		**Central System**
Lutron "Diva" - DVSTV	Leviton Renoir II 0-10V	Lutron Grafik Eye with GRX-TVI Interface

Lutron LDE1 Dimming
Integrates into Lutron EcoSystem building management

Notes:
- 120VAC or 277VAC*
- Dims down to 1% Soft-On/Fade-to-Black
- EcoSystem Control
- Consult Dimming manufacturer for installation instructions - **DO NOT SHARE NEUTRALS!**

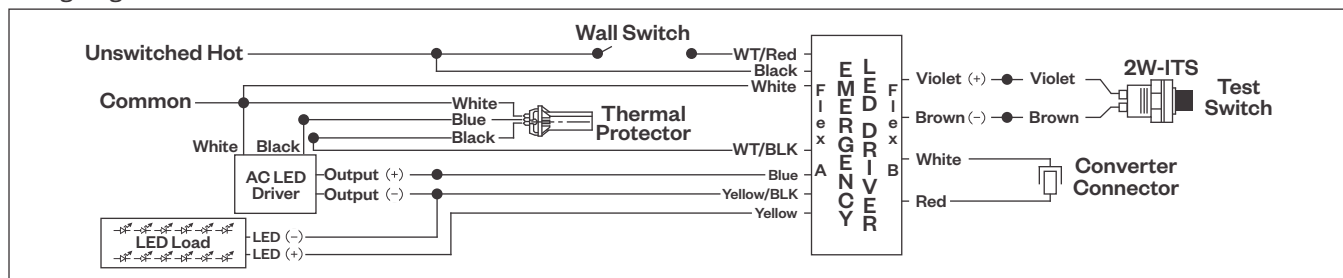### LDE1 *(HILUME-H-ECO)* EcoSystem Digital Control Wiring Diagram

Compatible Dimmers†:	
Lutron ECO System	**Central System**
Pow Pak Dimming Modules	Lutron EcoSystem compatible controls
Energi Savr Node	
Grafik Eye QS/Homeworks	
QS Control Unit	
Quantum Hub	
Homeworks QS/My Room	

Emergency Battery Pack

Wiring Diagram

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.