

Classix® 6"

6" Round Lens Wall Wash



PROJECT:

TYPE:

Features

The Classix Lensed Wall Wash shines new light on your bigger jobs. With a unique Amerlux® blend of architectural form and function, Classix performs perfectly in large retail and commercial spaces. Designed for higher ceilings, this wall washer features high output and a commercial grade lens providing for an even wash of light on vertical wall surface. Remodeler version is ideal for existing application as this fixture installs from-below into ceilings.



Product Overview

Type: Recessed Round Wall Wash
 Wattage: 25W, 34W, 45W, 52W
 Color Temp: 2700K, 3000K, 3500K, 4000K
 CRI: 83 typ. (2700K, 3000K, 3500K, 4000K)
 90+ typ. (2700K, 3000K)
 CrispWhite & 3K Class A LEDs available
 Dimming: TRIAC & ELV, 5% Dim, 120/277VAC
 0-10V, 1% Dim, 120/277VAC
 DALI, 1% Dim, 120/277VAC

Certifications



Fixture Summary

Fixture Type

Round	New Construction	Remodeler	Trim
Yes	Yes	Yes	Yes

Performance Data

Watts	Delivered Lumens	LPW	CBCP	Color Temp-CRI
25	1972	80.4	780	3000K-83
34	2648	77.9	1050	3000K-83
45	3356	74.6	1331	3000K-83
52	3729	72.1	1479	3000K-83

Data is based on 52W 3000K-83 120V IES files available on website.

See pg 5 for other beam spreads.

Electrical Data

	25W		34W		45W		52W	
Voltage	System Watts	Amps	System Watts	Amps	System Watts	Amps	System Watts	Amps
120V	25	0.21	34	0.28	45	0.38	52	0.43
277V	25	0.09	34	0.12	45	0.16	52	0.19

Electronic constant current LED driver.

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Ordering Information - Housing/Frame

1	2	3	4	5
1 Model	2 Wattage	3 Voltage	4 Driver (for non-dimming, select LE/TE option)	5 Options/Accessories
For New Construction CLX-R6-NC-A17 (New Construction)	25 34 45	120 277	LE/TE TRIAC/ELV dimming, 5% dim 0-10V 0-10V dimming, 1% dim DALI DALI dimming, 1% dim (25W, 34W & 45W only)	HB49 hanger bars from min 29" to max 49" (not available for use with REM option) Note: 26" hanger bars are included as standard. Choose HB49 option above for larger mounting spaces only.
For Existing Ceilings CLX-R6-REM-A17 (Remodeler)	52			

Ordering Information - Trim

1	2	3
1 Model	2 Finish	3 Color Temp
CLX-RLW6-A17	SDW semi-diffuse, white flange SDC semi-diffuse, clear flange (flange finish matches cone finish)	83 CRI 27 2700K-83 30 3000K-83 35 3500K-83 40 4000K-83 90+ CRI 279 2700K-90+ 309 3000K-90+ CRISP CrispWhite 3CLA 3K Class A

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Specifications

Application

Retail, commercial and hospitality wall wash lighting

Construction

20 ga. galvanized steel frame
18 ga. galvanized steel splice housing and hanger brackets (*not for Remodeler version*)
Passive cooling
Extruded aluminum heat sink

Optical

Engineered nano technology lens provides transmission while concealing LED image
Spun aluminum semi-diffuse aperture cone
Wall Wash beam distribution

LED

Color Temp Options: 2700K, 3000K, 3500K, 4000K, CRISP, Class A
CRI: 83 typ. (2700K, 3000K, 3500K, 4000K)
90+ typ. (2700K, 3000K)
CrispWhite* and Class A** 3000K (*high CRI, high gamut*) available (see description below)
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: 25W, 34W, 45W, 52W
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.

Drivers

LE/TE - Leading Edge (*Triac, Forward Phase*) or Trailing Edge (*ELV, Reverse Phase*)
0-10V and DALI systems also available
See pages 6-7 for more dimming information

Finish (Trim)

Wet paint

Mounting

For use in T-Grid or GB ceilings; max ceiling thickness 1"
26" Hanger bars included (*except for Remodeler versions*)
Optional **HB49** - hanger bars from min 29" to max 49" available
Consult Factory for thicker ceilings

Certifications

CSA damp as tested to UL 1598 standards
Damp location

Warranty

5 year limited warranty

Classix® 6"

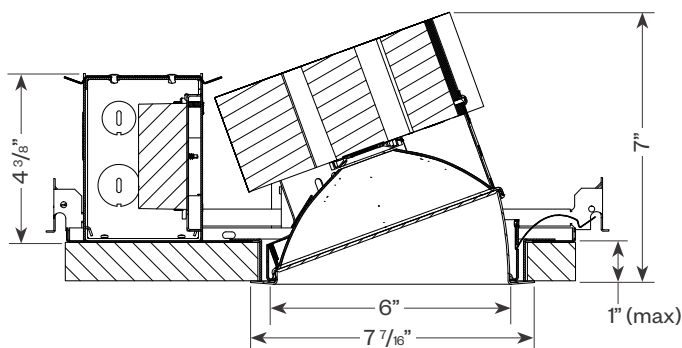
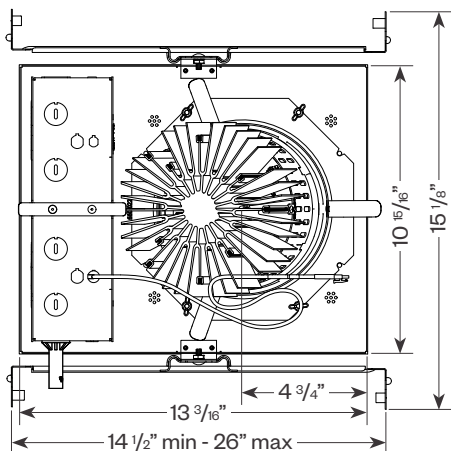
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PROJECT:

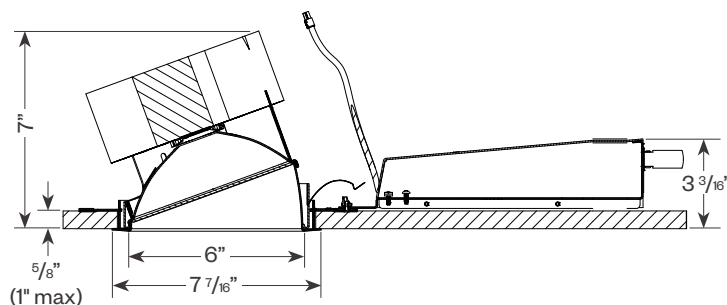
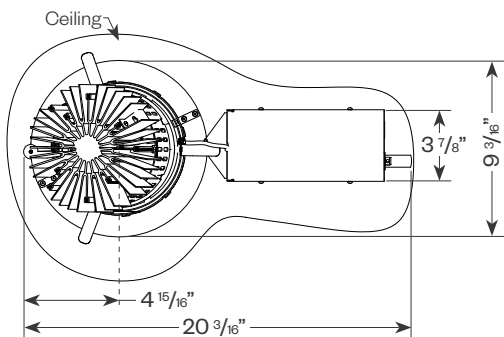
TYPE:

Product Details - New Construction



Ceiling Cut Out: 7" dia.

Product Details - Remodeler



Ceiling cut out: 7" dia.



PROJECT:

TYPE:

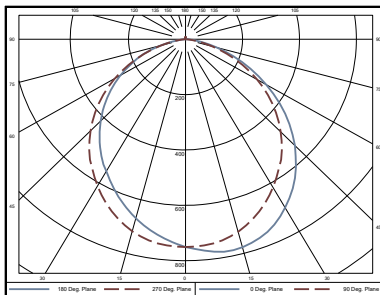
Performance Data

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

Wattage:	34W	45W	52W
Factor:	0.71	0.90	1.0

CCT:	2700K-83	3000K-83	3500K-83	4000K-83	2700K-90+	3000K-90+	CRISP	3CLA
Factor:	0.96	1.0	1.02	1.04	0.80	0.83	0.65	0.70

25W LED (3000K)
LTL #1031471
Lumens: 1,973

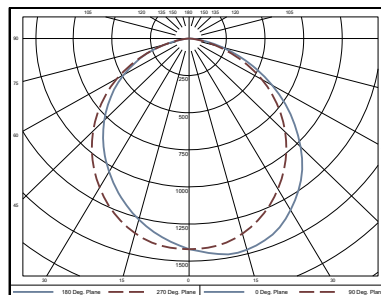


ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixt
0-40	940	47.7
0-60	1624	82.3
0-90	1972	100.0
90-180	0	0.0

Luminaire Efficacy: 80.4 lumens/watt

52W LED (3000K)
LTL #1031469
Lumens: 3,729



ZONAL LUMEN SUMMARY


Zone	Lumens	%Fixt
0-40	1179	47.7
0-60	3068	82.3
0-90	3729	100.0
90-180	0	0.0

Luminaire Efficacy: 72.1 lumens/watt

Application Data (footcandles on wall)

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

25W LED (3000K)

3 Feet From Wall														
Distance from ceiling	0.5'	8	9	10	9	8	9	10	9	8	9	10	9	8
	1.5'	25	27	30	27	25	27	30	27	25	27	30	27	25
	2.5'	32	34	36	35	33	35	36	35	33	35	36	34	32
	3.5'	29	31	32	32	31	32	33	32	31	32	32	31	30
	4.5'	24	25	26	26	26	27	27	27	26	26	26	26	25
	5.5'	20	20	21	21	22	22	22	22	22	21	21	20	20
	6.5'	16	17	17	18	18	18	18	18	18	18	17	17	16
	7.5'	13	14	14	15	15	15	15	15	15	15	14	14	13

52W LED (3000K)

3 Feet From Wall		<div><div>4'</div><div>4'</div></div>												
Distance from ceiling	0.5'	15	17	20	17	15	17	20	17	15	17	20	17	15
	1.5'	47	52	58	52	48	52	58	52	48	52	58	52	47
	2.5'	60	64	68	66	63	66	69	66	63	66	68	65	61
	3.5'	56	59	61	60	59	60	63	60	59	60	61	59	56
	4.5'	46	48	50	50	49	51	51	51	49	50	50	48	47
	5.5'	37	39	40	40	41	41	42	41	41	40	40	39	37
	6.5'	30	31	33	33	33	34	34	34	34	33	33	31	30
	7.5'	25	26	27	28	28	28	28	28	28	28	27	26	25

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Dimming Compatibility

Amerlux® Classix® 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 ---

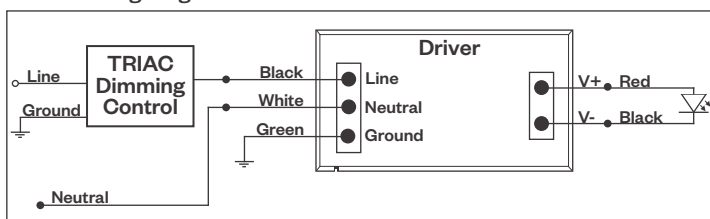
TRIAC (Forward Phase) Dimming

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"	

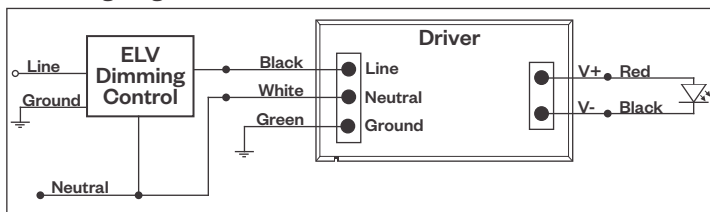
ELV - Electronic Low Voltage (Reverse Phase) Dimming

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 (continued)

Amerlux® Classix® 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 ---

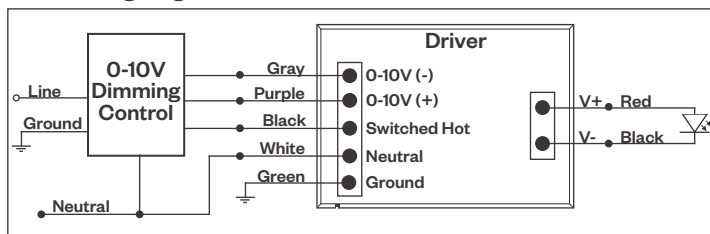
0-10V Dimming

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	Lutron Grafik Eye with GRX-TVI Interface
Leviton Renoir II 0-10V	

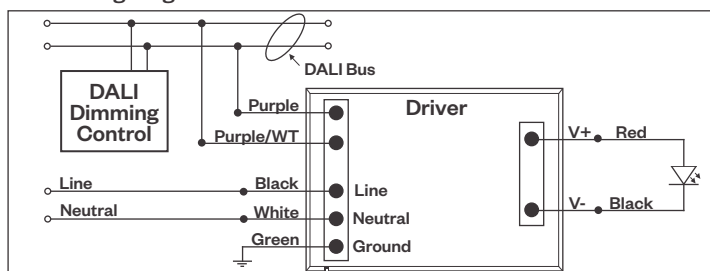
DALI Dimming

Digital control protocol allows individual fixture control

Notes:

- 120VAC - 277VAC*
- Dims down to 1% light output in most cases

DALI Wiring Diagram



Compatible Dimmers†:

Wall Box (3-Wire Fluorescent)	Central System
Leviton CD250 Controller	Dynalite
	Fifth Light

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.