Classix® 6" HP/HPX

6" High Power Round Lens Wall Wash

amerlux

PROJECT:	TYPE:

Features

Expanding the Classix downlight family, the Classix High Power *(HP/HPX)* downlights offer a higher wattage, for those areas that need more output. With a unique Amerlux® blend of architectural form and function, Classix performs perfectly in large retail and commercial spaces. Designed for higher ceilings, this downlight features high output and a commercial grade lens.

CLX-HP/HPX-RLW6

Product Overview

Type: Recessed Round Wall Wash
Wattage: 35W, 56W, 77W
Color Temp: 2700K, 3000K, 3500K, 4000K, 5000K
CRI: 90+ typ.
Dimming: 0-10V, 1% Dim, 120/277VAC

Certifications

CSA c/us   **5** year limited warranty AMERLUX LED

Fixture Summary

Fixture Type

Round	New Construction	Remodeler	Trim
Yes	Yes	Yes	Yes

Performance Data

Watts	Delivered Lumens	LPW	Color Temp-CRI
35	3597	102.8	5000K-90+
56	5290	94.5	5000K-90+
77	6930	90.0	5000K-90+

Electrical Data

Voltage	35W		56W		77W	
	System Watts	Amps	System Watts	Amps	System Watts	Amps
120V	35	0.29	56	0.47	77	0.64
277V	35	0.13	56	0.20	77	0.28

Electronic constant current LED driver.

Delta Intelligent Building Technologies

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Classix® 6" HP/HPX
6" High Power Round Lens Wall Wash

PROJECT:	TYPE:

Ordering Information - Housing/Frame

_____ . _____ . _____ . **0-10V** . _____
1   **2**   **3**   **4**   **5**

1	Model		2	Wattage	3	Voltage	4	Driver
	For New Construction			**35**		**120**		**0-10V** 0-10V dimming, 1% dim
	CLX-HP-R6-NC *(New Construction, for 35W & 56W)*			**56**		**277**		
	CLX-HPX-R6-NC *(New Construction, for 77W)*			**77**				
	For Existing Ceilings							
	CLX-HP-R6-REM *(Remodeler, for 35W & 56W)*							
	CLX-HPX-R6-REM *(Remodeler, for 77W)*							

5	Options/Accessories *(New Construction Only)*
	HB49 hanger bars from min 29" to max 49"
	Note: 26" hanger bars are included as standard with new construction. *Choose **HB49** option above for larger mounting spaces only.*

Ordering Information - Trim

_____ . _____ . _____
1   **2**   **3**

1	Model	2	Finish	3	Color Temp
	CLX-HP-RLW6 *(use with 35W & 56W housing)*		**SDW** semi-diffuse, white flange		**279** 2700K-90+
	CLX-HPX-RLW6 *(use with 77W housing)*		**SDC** semi-diffuse, clear flange		**309** 3000K-90+
			(flange finish matches cone finish)		**359** 3500K-90+
					409 4000K-90+
					509 5000K-90+

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PROJECT:	TYPE:

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, 5000K

CRI: 90+ typ.

R9 Values: 55 *(92 CRI)*

Binning: 3 MacAdam *(SDCM)*

Life: 50,000+ hrs, > 70% of initial lumens at 50,000 hrs

Electrical

Wattage: 35W, 56W, 77W

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

0-10V dimming driver

See pages 5 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

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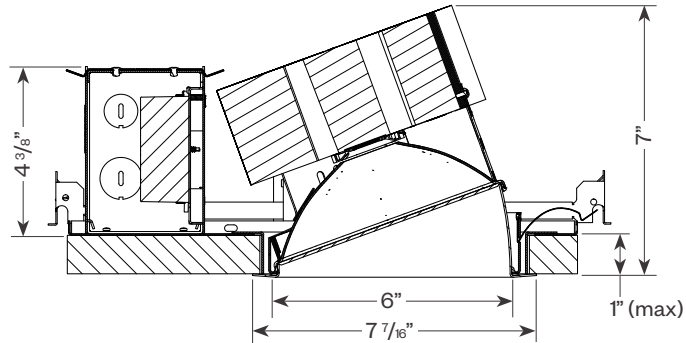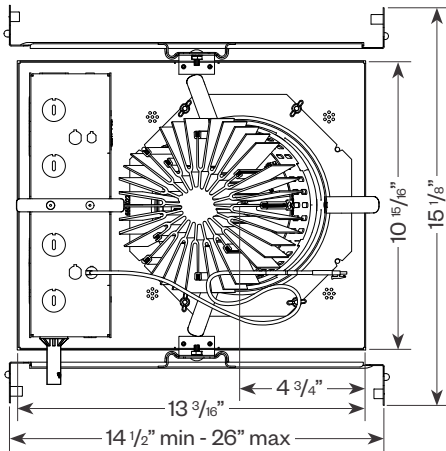
Classix® 6" HP/HPX

6" High Power Round Lens Wall Wash
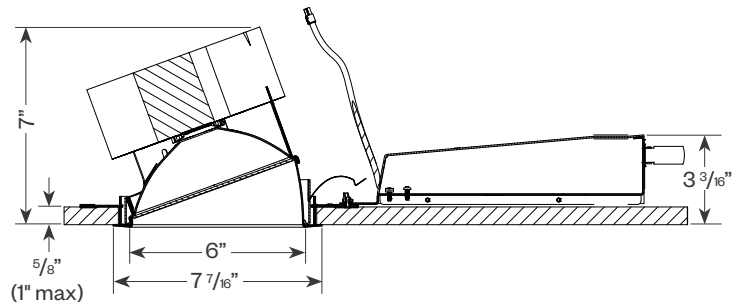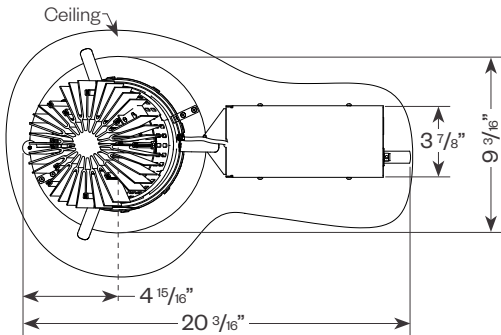
PROJECT: **TYPE:**

Product Details

Ceiling Cut Out: 7" dia.

Product Details - Remodeler

Ceiling cut out: 7" dia.

Classix® 6" HP/HPX
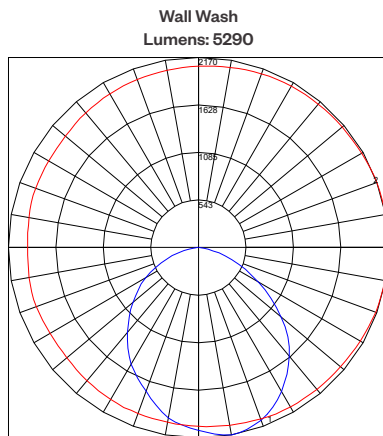
6" High Power Round Lens Wall Wash

PROJECT:	TYPE:

Performance Data

Multiplying Factors:

Wattage:	35W	56W	77W
Factor:	0.68	1.0	1.31

CCT:	2700K-90+	3000K-90+	3500K-90+	4000K-90+	5000K-90+
Factor:	0.95	0.99	1.0	1.01	1.0

56W LED

Wall Wash
Lumens: 5290

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixt
0-40	2587	48.9%
0-60	4403	83.2%
0-90	5290	100.0%
90-180	0	0.0%

Maximum Candela = 2170   Located At Horizontal Angle = 17.5, Vertical Angle = 10
1 - Vertical Plane Through Horizontal Angles (17.5 - 197.5) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (10) (Through Max. Cd.)

Application Data *(footcandles on wall)*

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

4 Feet From Wall

Distance from ceiling										
0.5'	19	19	19	19	19	19	19	19	19	19
1.5'	38	38	38	38	38	38	37	37	37	37
2.5'	59	59	58	59	59	59	58	58	58	58
3.5'	65	66	66	66	67	67	66	65	65	64
4.5'	63	63	64	64	65	64	64	63	63	61
5.5'	55	57	57	57	58	57	57	56	56	54
6.5'	47	48	49	49	49	49	49	48	47	46
7.5'	41	42	42	42	43	42	42	41	41	40
8.5'	35	36	36	37	37	36	36	36	35	34
9.5'	30	31	31	32	32	31	31	31	30	29

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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.

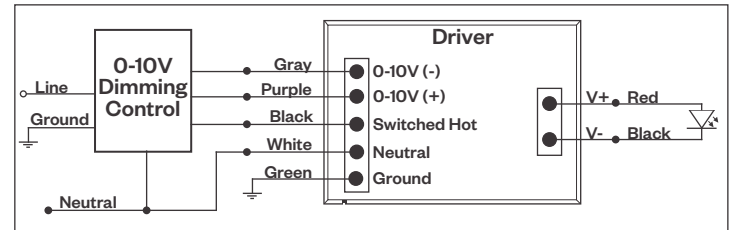**--- NOTE: INFORMATION BELOW IS FOR WIRED DIMMERS ONLY. FOR WIRELESS DIMMERS, CONSULT FACTORY ---**

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	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.

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