Classix® 6" HP

6" High Power Round Lens Wall Wash

amerlux

PROJECT:	TYPE:

Features

Expanding the Classix downlight family, the Classix High Power (HP) 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-RLW6

Product Overview

Type:	Recessed Round Wall Wash
Wattage:	73W
Color Temp:	2700K, 3000K, 3500K
CRI:	83 typ. or 90+ typ.
	3K Class A LED available
Dimming:	0-10V, 1% Dim, 120/277VAC

Certifications

CSA C US · 5 year limited warranty AMERLUX LED

Fixture Summary

Fixture Type

Round	New Construction	Trim
Yes	Yes	Yes

Performance Data

Watts	Delivered Lumens	LPW	CBCP	Color Temp-CRI
73	4131	55.4	1661	3000K-83

Data is based on 73W 3000K-83 120V IES files available on website.

Electrical Data

	73W	
Voltage	System Watts	Amps
120V	73	0.61
277V	73	0.26

Electronic constant current LED driver.

Delta Intelligent Building Technologies

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PROJECT:	TYPE:

Ordering Information - Housing/Frame

CLX-HP-R6-NC-A17 . 73 . _____ . 0-10V . _____

1   **2**   **3**   **4**   **5**

1	Model	2	Wattage	3	Voltage	4	Driver *(for non-dimming, select 0-10V option)*
	For New Construction		**73**		**120**		**0-10V** 0-10V dimming, 1% dim
	CLX-HP-R6-NC-A17 *(New Construction)*				**277**		

5	Options/Accessories
	HB49 hanger bars from min 29" to max 49"
	Note: 26" hanger bars are included as standard.
	*Choose **HB49** option above for larger mounting spaces only.*

Ordering Information - Trim

CLX-HP-RLW6-A17 . _____ . _____

1   **2**   **3**

1	Model	2	Finish	3	Color Temp		
	CLX-HP-RLW6-A17		**SDW** semi-diffuse, white flange		<u>83 CRI</u>	<u>90+ CRI</u>	
			SDC semi-diffuse, clear flange		**27** 2700K-83	**279** 2700K-90+	**3CLA** 3K Class A
			(flange finish matches cone finish)		**30** 3000K-83	**309** 3000K-90+	
					35 3500K-83	**359** 3500K-90+	

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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, Class A
CRI: 83 typ. or 90+ typ.
　　Class A** 3000K 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
* 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: 73W
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
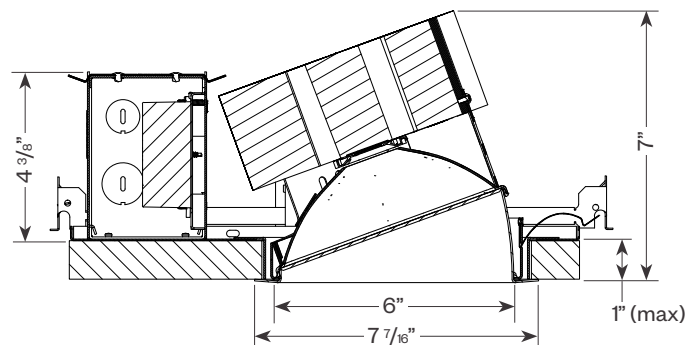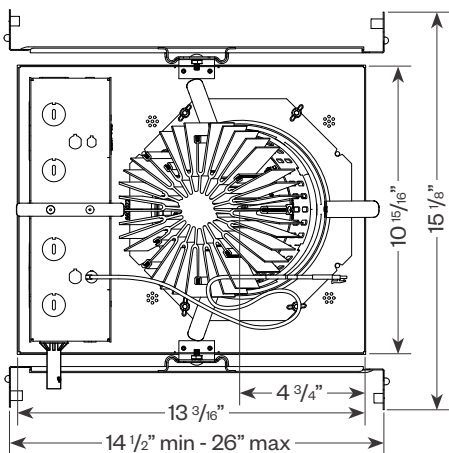*Consult Factory for thicker ceilings*

Certifications

CSA damp as tested to UL 1598 standards
Damp location

Warranty

5 year limited warranty

Product Details

10 15/16"
15 1/8"
4 3/4"
13 3/16"
14 1/2" min - 26" max

4 3/8"
7"
6"
7 7/16"
1" (max)

Ceiling Cut Out: 7" dia.

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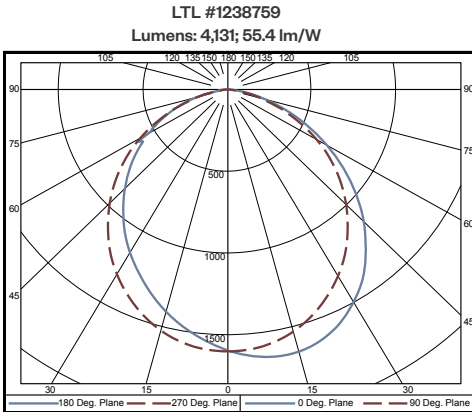# Classix® 6" HP
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Performance Data

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

CCT:	2700K-83	3000K-83	3500K-83	2700K-90+	3000K-90+	3500K-90+	3CLA
Factor:	0.96	1.0	1.02	0.80	0.83	0.87	0.70

73W LED

LTL #1238759
Lumens: 4,131; 55.4 lm/W

| 180 Deg. Plane | 270 Deg. Plane | 0 Deg. Plane | 90 Deg. Plane |

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixt
0-40	1990	48.2
0-60	3417	82.7
0-90	4131	100.0
90-180	0	0.0

Luminaire Efficacy: 55.4 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.

3 Feet From Wall — 4' — 4'

Distance from ceiling									
0.5'	20	17	16	17	20	17	16	17	20
1.5'	62	56	52	56	62	56	52	56	62
2.5'	75	72	69	72	76	72	69	72	75
3.5'	68	66	65	66	69	66	65	66	68
4.5'	55	55	55	56	57	56	55	55	56
5.5'	44	45	46	46	46	46	46	45	44
6.5'	36	37	37	38	38	38	37	37	37
7.5'	30	31	31	31	32	31	31	31	30
8.5'	26	26	27	27	27	27	27	26	26

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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.

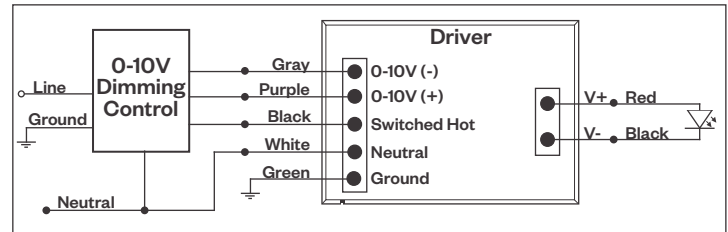**--- NOTE: INFORMATION BELOW IS FOR WIRED DIMMERS ONLY. FOR WIRELESS DIMMERS, CONSULT FACTORY ---**

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

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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.