CLASSIX 6" LENSED DOWNLIGHT

6" ROUND LENSED DOWNLIGHT, HIGH POWER LED

APPLICATION:
Commercial & hospitality ambient lighting

CONSTRUCTION:
20 ga. galvanized steel frame
18 ga. galvanized steel splice housing and hanger brackets
Passive cooling
Extruded aluminum heat sink

ELECTRICAL:
Electronic constant current LED driver, 120v or 277v input
0-10v dimming standard, 120v or 277v
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 damage is not covered by warranty.

MOUNTING:
For use in T-grid or sheet rock ceilings
Hanger bars included. Consult factory for hanger bars greater than 26"

OPTICS:
Engineered nano technology lens provides transmission while concealing LED image
Spun aluminum matte semi-diffuse aperture cone
Very Wide Flood beam distribution
LED:
  Color Temp Options: 2700K, 3000K, 3500K
  CRI: 83 typ. (2700K, 3000K, 3500K)
      90+ typ. (2700K, 3000K, 3500K)
      Class A 3000K available
  R9 Values: 11 (83CRI), 55 (90+CRI)
  Binning: 3 MacAdam
  Life: 50,000 hrs
  Lumen Maintenance: >70% of initial lumens @ 50,000 hrs
  Lumen Output (3000K): up to 4794 lm; 65.6 lpw

LABELING:
approved to UL standards as tested by CSA
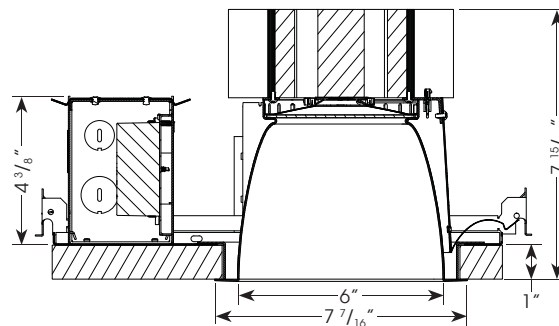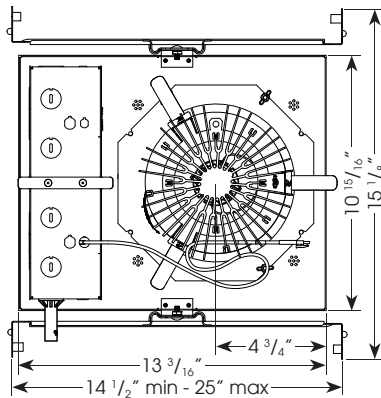Damp location

PROJECT:

TYPE:

Electrostatic sensitive device, observe precautions for handling

Title 24 Compliant

5 year limited warranty
AMERLUX LED
(see website for details)

Celling Cut Out Dimension: 7" dia.

ELECTRICAL
Electronic driver

	System Watts	Amps
	73w	
120v	73	0.61
277v	73	0.26

ORDERING INFORMATION:

HOUSING:

Model	Wattage	Lamp Type	Voltage	Options
CLX-HP-R6	73	LED	120 277	0-10V - 0-10v 1% dimming standard EM - emergency battery pack with remote test switch (350lm)

REFLECTOR/LED OPTIC:

Model	Aperture Finish	Beam Spread	Color Temp (CCT(K)-CRI)
CLX-HP-RLD6	Reflector with white painted flange SDW - semi-diffuse white Reflector with clear flange (flange finish matches cone finish) SDC - semi-diffuse clear	VWF - very wide flood, 65°	27 - 2700-83 30 - 3000-83 35 - 3500-83 279 - 2700-90+ 309 - 3000-90+ 359 - 3500-90+ 3CLA - 3K Class A

Complete Unit Example: CLX-HP-R6-73-LED-120/CLX-HP-RLD6-SDW-VWF-30
Housing Example: CLX-HP-R6-73-LED-120
Reflector Example: CLX-HP-RLD6-SDW-VWF-30

Cat #:

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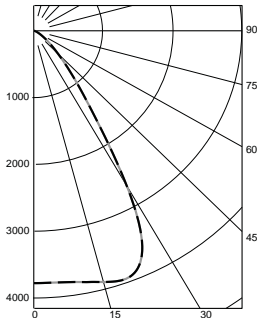## 6" ROUND LENSED DOWNLIGHT, HIGH POWER LED

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TYPE:

FIXTURE DATA:

Complete photometric data (ies format) available upon request.

73W LED

VERY WIDE FLOOD
DISTRIBUTION
LTL # 1237690
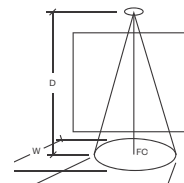
Lumen Output
4794 lm; 65.6 lm/w

Candelas at Nadir

Deg	Candela
0	3777
5	3782
15	3893
25	3707
35	1482
45	525

APPLICATION DATA:

Notes and Definitions:
Beam spread is to 50% center beam candlepower (CBCP).
D=Distance to floor or wall.
FC=Footcandles on floor or wall at center beam aiming location.
L=Effective Visual Beam length in feet (50% of maximum footcandle level).
W=Effective Visual Beam width in feet (50% of maximum footcandle level).
CB=Distance across or down to center beam location.

0° Aiming Angle
Horizontal
Footcandle

	D	FC	L	W
VERY WIDE FLOOD	5.0′	152	5.6	5.6
	7.5′	68	8.6	8.6
	10.0′	39	11.4	11.4
	12.5′	25	14.4	14.4

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TYPE:

DIMMING COMPATIBILITY:
Amerlux® 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.
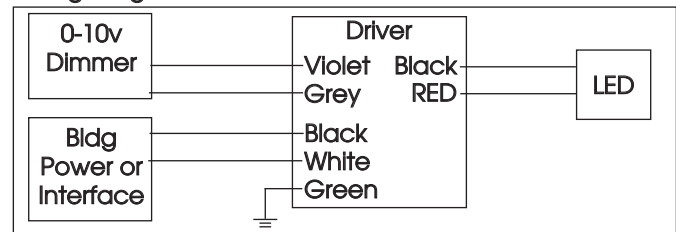
0-10V - DIMMING (-0-10V Option)
Integrates into a variety of building management and daylighting controls

Notes:
- 120v - 277v
- Dims down to 1% light output
- Requires interface to turn off power to driver
- Consult Dimming manufacturer for installation instructions - DO NOT SHARE NEUTRALS!

Wiring Diagram

Compatible Dimmers

Wall Box		Central System	
Lutron "Diva" - DVTV with PP-120H Interface	Leviton Renoir II 0-10v	Lutron Grafix Eye with GRX-TVI Interface	