



Archer LED

Patient Room Wall Light

Project:

Type:

Qty:

SPECIFICATIONS

Interior

ARCHER LED

SPECIFICATIONS

The Archer bed light provides versatility with optional sequential switching for patient room ambient and task lighting. The sleek housing profile echoes the Chrysalite and can be used together to create a complementary look in a lighting design. Multiple lamping and switching options allow this fixture to be used in a wide array of applications. As a bed light, placement above the patient on the headwall delivers optimal distribution of light for reading and also comfortable ambient illumination. If a low voltage controller is included (optional), light levels can be adjusted via the nurse call system or using a separate pendant pillow switch (optional). This fixture is also a good choice for guest lighting.

- Delivers multiple light levels for patient: indirect, direct, both
- Separate mounting plate makes installation easy; mount rigid but lightweight plate to wall and then install fixture
- Low voltage controller (option) allows patient control from nurse call system or separate pillow switch (option)
- Tool-free access to ballast compartment while fixture remains on wall
- Single-piece extruded aluminum body for extreme durability
- Entirely serviceable without removal from wall

Construction

Extruded aluminum housing
Die-cast aluminum handles
High impact acrylic lenses, UV treated to prevent yellowing with age
Polyester powder coat finish; anti-microbial powder coat finish available
Wall mount brackets included. Packaged separately.

Source

Nichia LED chips (or equivalent) mounted on linear boards

Driver

Roal Strato RSL035-09 or equivalent

Weight

HPW336 – approximate shipping weight 20 lbs.
HPW348 – approximate shipping weight 30 lbs.

Voltage

120V

Switching

Line voltage switching (by others)
Low voltage controller (optional) for patient control of up and down light sequentially from nurse call system or pillow switch (optional)
2-position pull chain for on/off control or 4-position pull chain for sequential control of up and down light (optional, 120V only)

Input Watts (As Tested)

Top and bottom mode 2U2D configuration, 4ft fixture – 102 WATTS
Top mode 2U2D configuration, 4ft fixture - 51 WATTS

Light Output (As Tested)

Top and bottom mode 2U2D configuration, 4ft fixture - 10860 lumens
Top mode 2U2D configuration, 4ft fixture - 5490 lumens

Dimming

0-10V dimming standard

Color Quality

>80 CRI

Life Estimate

50,000 hours*
*LED life projection based on IES TM-21 and IES LM-80

Listings

CSA certified to meet US and Canadian standards. Damp location listed.

Warranty

5-year limited warranty. Complete warranty terms located at:
www.AcuityBrands.com/CustomerResources/Terms_and_Conditions.aspx

Note: Actual performance may differ as a result of end-user environment and application.
All values are design or typical values, measured under laboratory conditions at 25 °C.

CATALOG NUMBER

Example: HPW348 120 LED35 2U2D LV LCR AM

Series	Voltage	Lamping Type	Lamping	Option	Finish
HPW336 Archer 3ft in Length HPW348 Archer 4ft in Length	120 120V	LED27 2700K LED LED30 3000K LED LED35 3500K LED LED40 4000K LED	2U1D 2 Rows LEDs Up, 1 Row LEDs Down 2U2D 2 Rows LEDs Up, 2 Rows LEDs Down 1U1D 1 Row LEDs Up, 1 Row LEDs Down 1U2D 1 Row LEDs Up, 2 Rows LEDs Down	OU1DMT Only 1 Row LEDs Down with Top Plate OU2DMT 2 Rows LEDs Down with Top Plate 1U0DMB Only 1 Row LEDs Up with Bottom Plate 2U0DMB 2 Rows LEDs Up with Bottom plate	
Switching Config				Option	Finish
LV Low Voltage Controller - Sequential Switching LV1L ¹ LVC with Pillow Switch for Down Light on Left LV1R ¹ LVC with Pillow Switch for Down Light on Right LV2L ¹ LVC with Pillow Switch on Left - Sequencing Up + Down Light LV2R ¹ LVC with Pillow Switch on Right - Sequencing Up + Down Light S2L ² On/Off Pull Chain on Left (top & bottom) S2R ² On/Off Pull Chain on Right (top & bottom) S2C ² On/Off Pull Chain on Center (top & bottom)		S2LDL ^{1,2} On/Off Pull Chain on Left (bottom only) S2RDL ^{1,2} On/Off Pull Chain on Right (bottom only) S2CDL ^{1,2} On/Off Pull Chain on Center (bottom only) S4L ^{1,2} 4-Position Pull Chain on Left S4R ^{1,2} 4-Position Pull Chain on Right S4C ^{1,2} 4-Position Pull Chain on Center SX No Switch		LCL ³ 3W LED Chart Light with Switch on Left LCR ³ 3W LED Chart Light with Switch on Right LCLHW ³ 3W LED Chart Light "Hard Wired" Left LCRHW ³ 3W LED Chart Light "Hard Wired" Right BD Bed-Stop Switch	FW Flat White (standard) AM Anti-Microbial White CC ⁴ Custom Color

Notes are on following page.

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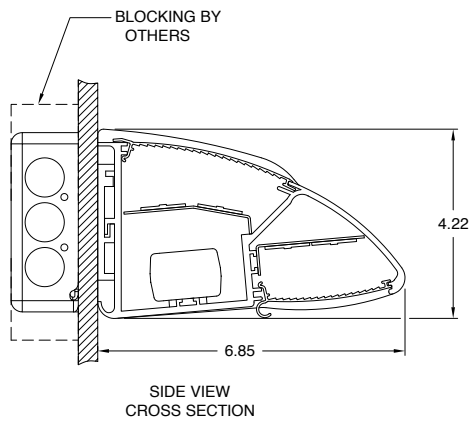
Interior

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Notes

- 1 Switching: S2 and S4 options are compatible with 120V only
- 2 For pull chain and pillow switch, specify "left" or "right" as viewed facing the head wall
- 3 3W LED chart light (option) always installed opposite end from pull chain or pillow switch
- 4 Custom color requires factory pricing

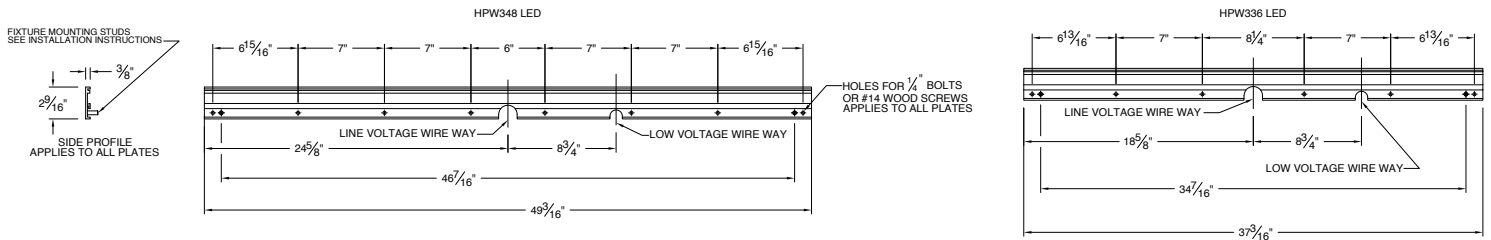
DIMENSIONS



Fixture	NOMINAL LENGTH	ACTUAL LENGTH
HPW348 LED	48"	49.56"
HPW336 LED	36"	37.56"

MOUNTING INFORMATION

- Installation is made easy by the incorporation of a separate mounting plate (blocking by others).
- After the plate is mounted to the wall the fixture can be quickly connected and hung.
- It is the responsibility of the party installing the fixture to select appropriate fasteners that are suitable for the wall material and construction.
- It is the responsibility of the person installing the light fixture to ensure that the materials, hardware and building structural members that are selected will support the light fixture(s) and that they meet all applicable building and safety codes.
- Complete electrical connections according to the wiring diagram on ballast tray, following all applicable building codes and regulations.



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PERFORMANCE DATA

Lumen Output

Lumen values are from photometric tests from an accredited laboratory. Data is considered to be representative of the configurations shown, within the tolerances allowed within generally accepted industry tolerances. Actual performance may differ as a result of end-user environment and application. Contact factory for performance data on any configurations not shown here

For 4ft Fixture		
Light Switch Mode	Lumen Output	Max CD
top and bottom on	10860 lumens	2370 candela
DIRECT: bottom on	5370 lumens	2260 candela
INDIRECT: top on	5490 lumens	2370 candela

Electrical Load

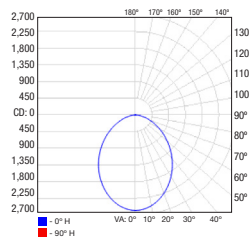
For 4ft Fixture	
Light Switch Mode	Input Watts
top and bottom on	102 watts
DIRECT: bottom on	51 watts
INDIRECT: top on	51 watts

Actual performance may differ as a result of end-user environment or application

PHOTOMETRICS

DIRECT

Test Report: 501927
HPW348-120-LED35-
2U2D-LV1R-LCL-GLR
Lumens: 4,496
Input Wattage: 63.5
Max. Candela: 2,062 H: 15°, V: 7.5°

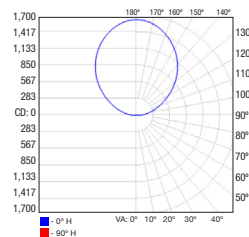


Illuminance at a Distance

Height	Center Beam Footcandle
4.0	125.4fc
8.0	31.4fc
12.0	13.9fc
16.0	7.8fc
20.0	5.0fc

INDIRECT

Test Report: 501929
HPW348-120-LED35-
2U2D-LV1R-LCL-GLR
Lumens: 4,660.1
Input Wattage: 62.7
Max. Candela: 2,035 H: 10°, V: 157.5°

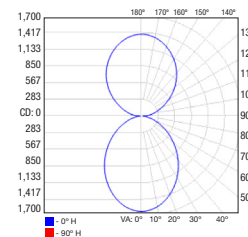


Illuminance at a Distance

Height	Center Beam Footcandle
4.0	0fc
8.0	0fc
12.0	0fc
16.0	0fc
20.0	0fc

DIRECT & INDIRECT (All On)

Test Report: 501930
HPW348-120-LED35-
2U2D-LV1R-LCL-GLR
Lumens: 9,077.8
Input Wattage: 125.7
Max. Candela: 2,062 H: 15°, V: 7.5°



Illuminance at a Distance

Height	Center Beam Footcandle
4.0	125.4fc
8.0	31.4fc
12.0	13.9fc
16.0	7.8fc
20.0	5.0fc

Photometric data based on test results from an independent NIST traceable testing lab. IES data is available at www.healthcare-lighting.com. Always refer to our website for the latest IES file updates.