HEALTHCARE LIGHTING®

Project:

Type:

Qty:

Chrysalite LED

Patient Room Wall Light

BAA   BAA

SPECIFICATIONS

The Chrysalite is a stylish solution for wall-mounted patient bed lighting. Photometric testing shows that placement above and behind the patient delivers optimal distribution of light for reading. 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).

- Delivers multiple light levels for patient and caregiver: indirect, direct, both, as well as flip-top examination section
- Unique convenience switch (option) allows exam lighting to illuminate automatically when exam head is flipped open
- Automatically returns to previous light mode when exam head is closed
- Top and bottom lenses are fully supported in grooves to prevent sagging
- Separate mounting plate makes installation easy; mount rigid but lightweight plate to wall and then install fixture
- Low voltage controller (optional) allows patient control from nurse call system or separate pillow switch (optional)
- Single-piece extruded aluminum body with die-cast handles 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
eldoLED ECOdrive, Dim to 1% light output

Weight
25 lbs (3ft); 35 lbs (4ft)

Voltage
120V MVOLT

Input Watts
101 watts (top and bottom mode 2U2D configuration 4ft fixture)
51 watts (top mode 2U2D configuration 4ft fixture)

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)

Light Output
10860 lumens (top and bottom mode 2U2D configuration 4ft fixture)
5490 lumens (top mode 2U2D configuration 4ft fixture)

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.

Government Procurement
BAA – Buy America(n) Act: Product qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product also qualifies as manufactured in the United States under DOT Buy America regulations.
BABA – Build America Buy America: Product qualifies as produced in the United States under the definitions of the Build America, Buy America Act. Please refer to www.acuitybrands.com/resources/buy-american for additional information.

Warranty
5-year limited warranty. Complete warranty terms located at:
www.acuitybrands.com/support/warranty/terms-and-conditions

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: HPW248 120 LED35 2U2D LV LCR AM

Series		Voltage		Lamping Type		Lamping	
HPW236	Chrysalite 3ft length	120[2,5]	120V	LED27	2700K LED	2U1D	2 rows LEDs up, 1 row LEDs down
HPW248	Chrysalite 4ft length	MVOLT	120-277 Volt	LED30	3000K LED	2U2D	2 rows LEDs up, 2 rows LEDs down
				LED35	3500K LED	1U1D	1 row LEDs up, 1 row LEDs down
				LED40	4000K LED	1U2D	1 row LEDs up, 2 rows LEDs down

Switching Config				Option		Finish	
LV	Low Voltage Controller - Sequential Switching	S2LDL[1,2]	On/Off Pull Chain on Left (bottom only)	LCL[3]	3w LED Chart Light with Switch on Left	FW	Flat White (standard)
LV1L[1]	LVC with Pillow Switch for Down Light on Left	S2RDL[1,2]	On/Off Pull Chain on Right (bottom only)	LCR[3]	3w LED Chart Light with Switch on Right	AM	Anti-Microbial White
LV1R[1]	LVC with Pillow Switch for Down Light on Right	S2CDL[1,2]	On/Off Pull Chain on Center (bottom only)	LCLHW[3]	3w LED Chart Light "Hard Wired" Left	CC[4]	Custom Color
LV2L[1]	LVC with Pillow Switch on Left - Sequencing Up + Down Light	S4L[1,2]	4-Position Pull Chain on Left	LCRHW[3]	3w LED Chart Light "Hard Wired" Right		
LV2R[1]	LVC with Pillow Switch on Right - Sequencing Up + Down Light	S4R[1,2]	4-Position Pull Chain on Right	BD[2]	Bed-Stop Switch		
S2L[2]	On/Off Pull Chain on Left (top & bottom)	S4C[1,2]	4-Position Pull Chain on Center	CS	Convenience Switch		
S2R[2]	On/Off Pull Chain on Right (top & bottom)	SX	No Switch				
S2C[2]	On/Off Pull Chain on Center (top & bottom)						

Please refer to the Low Voltage Controller Spec Sheet for details and wiring diagrams

Notes are on following page.

Rev. 03/06/24
HPW2LED

1

Project:

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Chrysalite LED
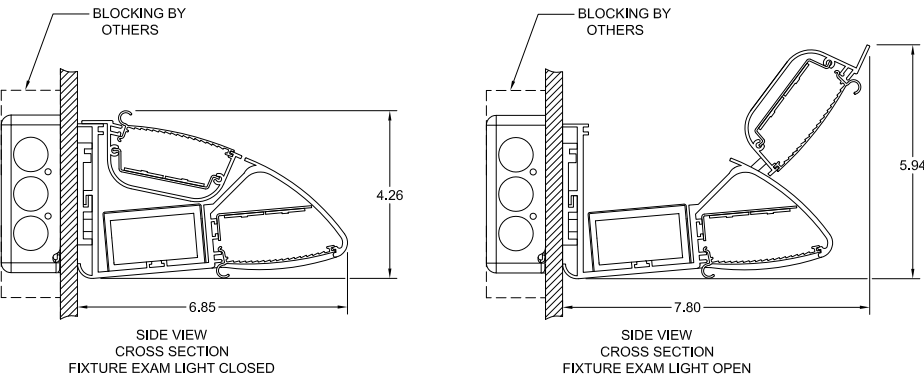Patient Room Wall Light

SPECIFICATIONS	Interior	CHRYSALITE LED

Notes

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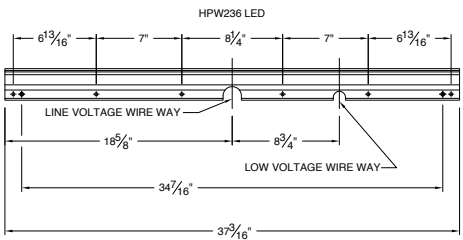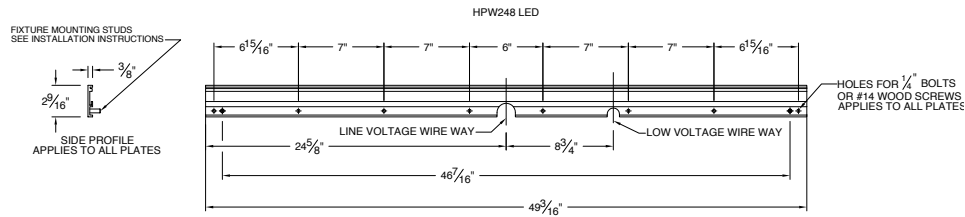4. Custom color requires factory pricing
5. Must use with BD, S2, or S4 options

DIMENSIONS

BLOCKING BY OTHERS

4.26

6.85

SIDE VIEW
CROSS SECTION
FIXTURE EXAM LIGHT CLOSED

BLOCKING BY OTHERS

5.94

7.80

SIDE VIEW
CROSS SECTION
FIXTURE EXAM LIGHT OPEN

Fixture	NOMINAL LENGTH	ACTUAL LENGTH (including handles)
HPW248 LED	48"	53.29"
HPW236 LED	36"	41.29"

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

FIXTURE MOUNTING STUDS
SEE INSTALLATION INSTRUCTIONS

3/8"

2 9/16"

SIDE PROFILE
APPLIES TO ALL PLATES

HPW248 LED

6 15/16" — 7" — 7" — 6" — 7" — 7" — 6 15/16"

LINE VOLTAGE WIRE WAY

LOW VOLTAGE WIRE WAY

HOLES FOR 1/4" BOLTS OR #14 WOOD SCREWS APPLIES TO ALL PLATES

24 5/8"
8 3/4"
46 7/16"
49 3/16"

HPW236 LED

6 13/16" — 7" — 8 1/4" — 7" — 6 13/16"

LINE VOLTAGE WIRE WAY

LOW VOLTAGE WIRE WAY

18 5/8"
8 3/4"
34 7/16"
37 3/16"

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| SPECIFICATIONS | Interior | CHRYSALITE LED |

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
EXAM MODE:	10360 lumens	3920 candela

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

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
EXAM MODE:	102 watts

OPTION DETAILS

LCL ROCKER SWITCH ON LEFT

LCR ROCKER SWITCH ON RIGHT

LED CHART LIGHT <LCL>

LED CHART LIGHT <LCR>

BOTTOM VIEW

LED CHART LIGHT ROCKER SWITCH

PULL CHAIN

2 in

84 in

PULL CHAIN CORD

BLOCKING BY OTHERS

4.26

6.85

SIDE VIEW
CROSS SECTION
FIXTURE EXAM LIGHT CLOSED

CONVENIENCE SWITCH LOCATED IN DRIVER COMPARTMENT

BLOCKING BY OTHERS

7.25 MAX

5.94

7.80

SIDE VIEW
CROSS SECTION
FIXTURE EXAM LIGHT OPEN

BED STOP SWITCH LOCATED IN DRIVER COMPARTMENT

BLOCKING BY OTHERS

SIDE VIEW
CROSS SECTION
BED STOP SWITCH ENGAGED

BED STOP SWITCH
CUTS OFF POWER TO BED IF FIXTURE GETS SHIFTED AWAY FROM BACK PLATE

BLOCKING BY OTHERS

SIDE VIEW
CROSS SECTION
BED STOP SWITCH DISENGAGED