

# LTR-3RWPH Open

LITEISTRY 3" ROUND OPEN WW/DWW/CWW W/POWERHUBB™

LITEISTRY™

## FEATURES

- 3" architectural LED wall wash delivering 600–2000 lm
- Single, double and corner wall wash solutions
- Provides uniform vertical illumination as well as room side light
- Quiet reflector appearance with 50° optical cutoff
- 2700K–5000K, 80+ and 90+ CRI options
- Available for New Construction (non-IC) and IC applications
- PowerHUBB™ enables low-voltage wired connectivity for Power over Ethernet (PoE) network system deployment



## RELATED PRODUCTS

- [Ø 3" LITEISTRY Family](#)
- [Ø 4" LITEISTRY Family](#)
- [Ø 6" LITEISTRY Family](#)



## CONTROL TECHNOLOGY



## SPECIFICATIONS

### CONSTRUCTION

- Standard Non-IC or optional IC
- New Construction: Painted black durable steel platform with pre-installed bar hangers
- Pre-wired junction box with snap-on covers for easy access
- Snap-in connection from driver compartment allows easy installation
- Light Engine connections use plenum rated (CMP) cable

### OPTICS

- Visually pleasing 50° cutoff to source and source image
- Open cone and kicker reflector assembly with an optical grade silicone lens integral to light engine
- Available in Single, Double, and Corner wall wash distributions
- Provides excellent uniformity down the wall while also contributing to room side lighting
- The light distribution is free of distracting bright spots or pixelation and the perimeter has a smooth transition

### OPTICS (CONTINUED)

- High purity spun aluminum reflector, self-flanged
- Flush mount flange option with mud-in ring available
- Large selection of anodized finishes and colors
- Painted cones and flange options available

### ELECTRICAL

- Chip-on-board LED with 2 SDCM
- Multiple CCTs, 80+ or 90+ CRI
- Long LED life: L90 at >55,000 hours (TM-21)
- PowerHUBB™ enables low-voltage wired connectivity for Power over Ethernet (PoE) network system deployment
- EMI Filtering (FCC 47 CFR Part 15) Class A

### INSTALLATION

- Accommodates ceiling thickness up to 2" (WW/DWW); up to 1.25" (CWW)
- Universal adjustable mounting brackets also accept 0.50" EMT conduit or 1.50" or 0.75" lathing channel (by others) or Prescolite accessory bar hangers (B24 or B6)
- Light engine fully serviceable from above or below the ceiling; PowerHUBB node is serviceable above ceiling only

### CERTIFICATIONS

- cCSAus certified to UL 2108
- Suitable for damp locations
- This product qualifies as a “designated country construction material” per FAR 52.225-11 Buy American-Construction. Materials under Trade Agreements effective 6/6/2020. See [Buy American Solutions](#).

### WARRANTY

- 5 year warranty
- See [HLI Standard Warranty](#) for additional information

KEY DATA	
Lumen Range	600-2000
Wattage Range	8-25
Efficacy Range (LPW)	75*
Reported Life (Hours)	L90 / >55,000
Input Current (mA)	N/A

\*Based on Specular, 35K, 80 CRI



# LTR-3RWPH Open

LITEISTRY 3" ROUND OPEN WW/DWW/CWW W/POWERHUBB™

DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_

TYPE: \_\_\_\_\_ PROJECT: \_\_\_\_\_

CATALOG #: \_\_\_\_\_

## ORDERING GUIDE

**Example:** LTR-3RDPH-H-SL10L-PMC-LTR-3RW-T-SL35K8WW-S

CATALOG #

### HOUSING

LTR-3RDPH-H		Lumen Package		Lumen Output		PowerHUBB Node		Housing Options	
Aperture/Shape/Function									
LTR-3RDPH-H	3" Round Downlight /Wall Wash New Construction Housing	<b>SL</b>	Standard Lumen	<b>06L</b>	600	<b>PM</b>	PowerHUBB™, On/Off/1% Dim, Master	<b>IC</b>	IC rated <sup>4</sup>
				<b>10L</b>	1000	<b>PMC</b>	PowerHUBB™, On/Off/1% Dim, Control Inputs, Master		
				<b>15L</b>	1500	<b>PS</b>	PowerHUBB™, On/Off/1% Dim, Satellite		
		<b>ML</b>	Medium Lumen	<b>20L</b>	2000	<b>PSC</b>	PowerHUBB™, On/Off/1% Dim, Control Inputs, Satellite		

### TRIM

LTR-3RW-T		Lumen Package		CCT		CRI		Distribution	
Aperture/Shape/Function									
LTR-3RW-T	3" Round Wall Wash Light Engine/Trim Assembly	<b>SL</b>	Standard Lumen	<b>27K</b>	2700K	<b>8</b>	80+CRI	<b>WW</b>	Single Wall Wash
		<b>ML</b>	Medium Lumen	<b>30K</b>	3000K	<b>9</b>	90+CRI	<b>DWW</b>	Double Wall Wash
				<b>35K</b>	3500K			<b>CWW</b>	Corner Wall Wash
				<b>40K</b>	4000K				
				<b>50K</b>	5000K <sup>1</sup>				

### TRIM CONTINUED

Reflector Finish		Reflector Color		Flange Color Options		Reflector Options	
<i>Finish not applicable with painted reflectors (WC or BC)</i>		<i>Standard Clear</i>		<i>Standard matches reflector color</i>		<b>AM</b> Antimicrobial Coating <sup>3</sup>	
<b>S</b>	Specular	<b>CG</b>	Champagne Gold	<b>WT</b>	White Flange <sup>2</sup>		
<b>SS</b>	Semi-Specular	<b>BL</b>	Black	<b>BT</b>	Black Flange <sup>2</sup>		
<b>MFC</b>	American Matte™	<b>LW</b>	Light Wheat				
<b>VS</b>	Softglow®	<b>PW</b>	Pewter				
<b>VSS</b>	SoftSheen™	<b>WC</b>	Painted White Cone and Flange				
		<b>BC</b>	Painted Black Cone and Flange				

### Accessories

- B24** Set of two (2) 24" bar hangers for T-bar ceilings
- B6** Set of two bar hangers for ceiling joist up to 24" centers
- FMR3-R** Flush Mount Mud-In Ring, 3" Round
- MOR3-R-WH** Metal Oversized Ring, 3" Round, White (6.75" outside diameter)
- MOR3-R-BL** Metal Oversized Ring, 3" Round, Black (6.75" outside diameter)

#### Notes:

- 1 5000K available in 80+ CRI only.
- 2 WT not needed for WC, BT not needed for BC.
- 3 AM available with WC or Specular Clear (S or SWT). Consult factory for other colors.
- 4 IC available up to 15L.

# LTR-3RWPH Open

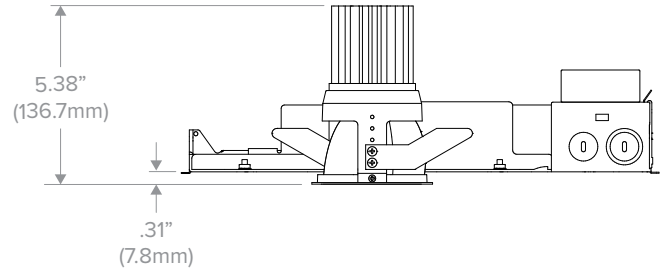
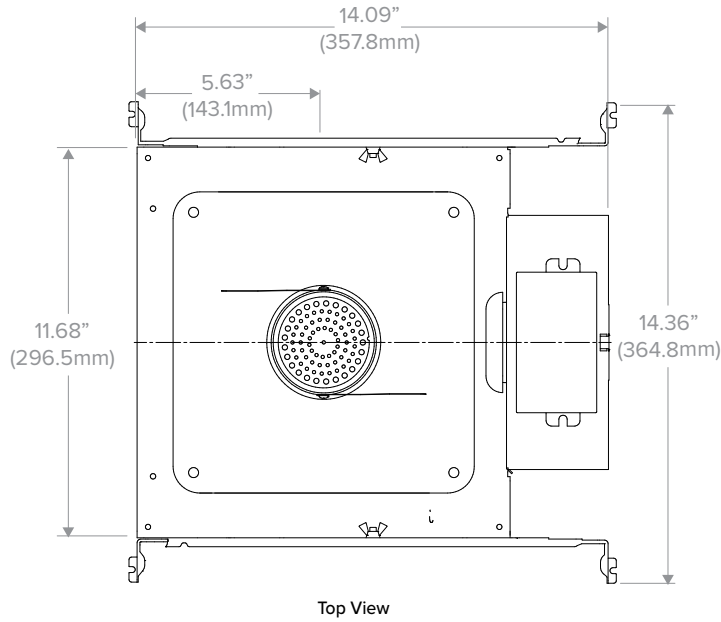
LITEISTRY 3" ROUND OPEN WW/DWW/CWW W/POWERHUB™

DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_

TYPE: \_\_\_\_\_ PROJECT: \_\_\_\_\_

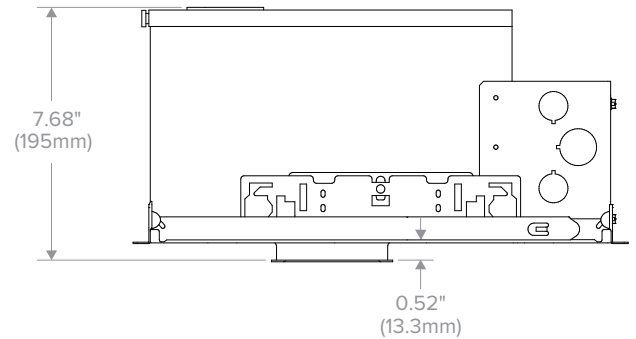
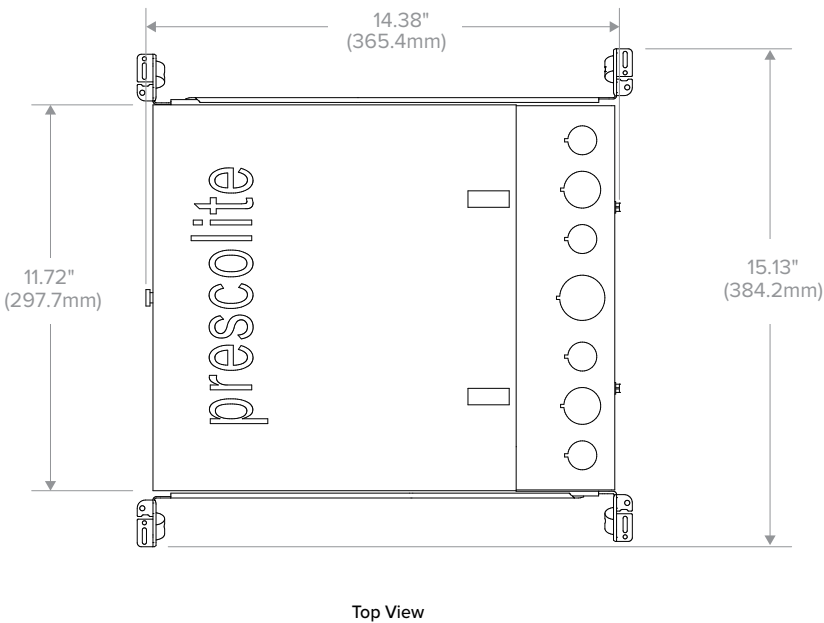
CATALOG #: \_\_\_\_\_

## DIMENSIONS



Dimensional Data		
Aperture	2.88" (73.2mm)	
Flange: Standard & Flush Mount	3.68" (93.5mm)	
Ceiling Cutout:	Standard	3.38" (85.9mm)
	Flush Mount	4.00" (101.6mm)
Ceiling Thickness:	WW/DWW	0.50" to 2.00" (12.7mm to 50.8mm)
	CWW	0.50" to 1.25" (12.7mm to 31.8mm)

**LTR-3RWPH-H**



Dimensional Data		
Aperture	2.88" (73.2mm)	
Flange: Standard & Flush Mount	3.68" (93.5mm)	
Ceiling Cutout:	Standard	3.38" (85.9mm)
	Flush Mount	4.00" (101.6mm)
Ceiling Thickness:	WW/DWW	0.50" to 2.00" (12.7mm to 50.8mm)
	CWW	0.50" to 1.25" (12.7mm to 31.8mm)

**LTR-3RWPH-H IC**

# LTR-3RWPH Open

LITEISTRY 3" ROUND OPEN WW/DWW/CWW W/POWERHUB™

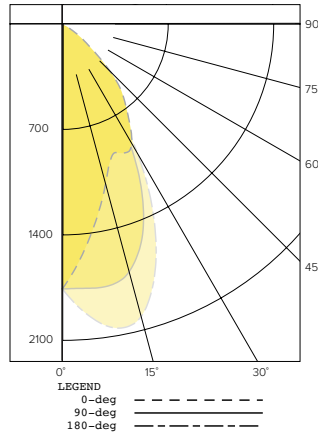
## PHOTOMETRY

### LTR-3RDPH-H-ML20L-PMC / LTR-3RW-T-ML35K8WWS

#### LUMINAIRE DATA

Test No.	R19.01136-01
Description	Single Wall Wash, 2000 lm, 3500K, 80 CRI
Delivered Lumens	1824
Watts	24.3W
Efficacy	75.1
Mounting	Recessed

#### POLAR GRAPH



#### CANDELA DISTRIBUTION

Degree	Candela - 0
0	1761
5	1537
15	1107
25	944
35	776
45	479
55	163
65	49
75	19
85	4
90	0

#### LUMINANCE DATA\*

Vertical Angle	Average
45°	158963
55°	66687
65°	27208
75°	17227
85°	10770

\*Candela/Square Meter

#### ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-40	1565	85.8
0-60	1792	98.3
0-90	1824	100
0-180	1824	100

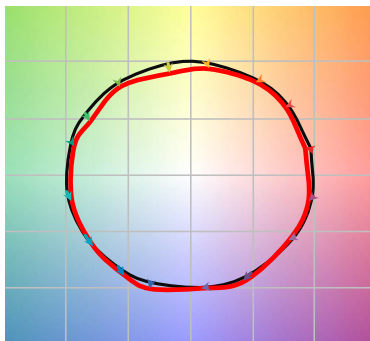
#### LUMEN MULTIPLIER

Option	27K8	30K8	35K8	40K8	50K8	27K9	30K9	35K9	40K9
Multiplier	0.94	0.98	1.00	1.01	1.02	0.81	0.84	0.85	0.85

Photometrics are published below at a nominal 3500 Kelvin, 80+ CRI. This table may be used to approximate the lumen values at different Kelvin temperatures. Power consumption would stay the same.

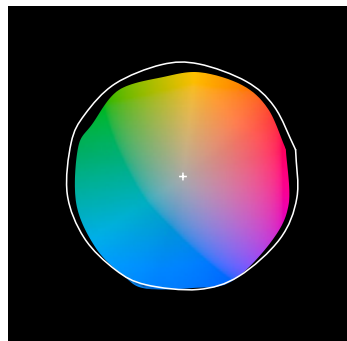
## TM-30 DATA

#### COLOR VECTOR GRAPHIC 3500K, 90 CRI



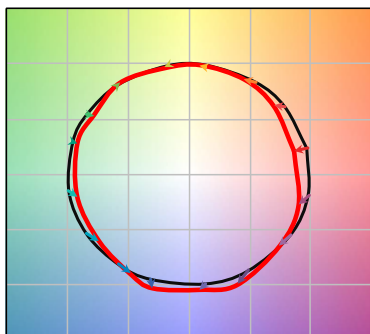
— Reference Illuminant — Test Source

#### COLOR DISTORTION GRAPHIC 3500K, 90 CRI



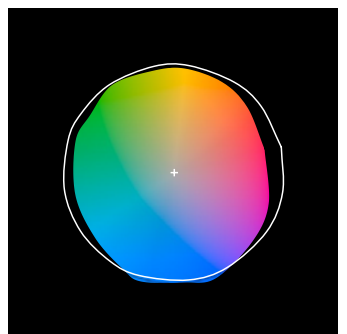
TEST RESULTS - 3500K		
Value	80+ CRI	90+ CRI
R <sub>i</sub>	84	88
R <sub>g</sub>	95	95
CCT (K)	3411	3419
D <sub>uv</sub>	0.0015	0.0042
x	0.4120	0.4147
y	0.3974	0.4052
CIE R <sub>a</sub>	84	93
CIE R <sub>g</sub>	11	62

#### COLOR VECTOR GRAPHIC 3500K, 80 CRI



— Reference Illuminant — Test Source

#### COLOR DISTORTION GRAPHIC 3500K, 80 CRI





DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_

TYPE: \_\_\_\_\_ PROJECT: \_\_\_\_\_

CATALOG #: \_\_\_\_\_

# LTR-3RWPH Open

LITEISTRY 3" ROUND OPEN WW/DWW/CWW W/POWERHUBB™

## ELECTRICAL DATA

WATTAGE DATA		
Lumen Output	Nominal Lumens	WATTAGE
06L	600	8
10L	1000	12
15L	1500	19
20L	2000	25

\* Wattage may vary based on configuration and options selected

## ADDITIONAL INFORMATION

**PowerHUBB™** **POWERHUBB™**  
PoE LIGHTING & CONTROL

Hubbell Control Solutions' PowerHUBB™ is an enterprise-level Power over Ethernet (PoE) lighting and control platform that seamlessly integrates luminaires, sensors, user interfaces and software for a scalable intelligent building control solution.

See separate [PowerHUBB™ In-Fixture Solutions Guide](#) and [Hubbell Control Solutions PowerHUBB Brochure](#) for more details.