

LTC-6RDWPH

LITEISTRY 6" ROUND CYLINDER WITH POWERHUBB™

FEATURES

- 6" architectural LED downlight and wall wash cylinder delivering 600 - 2000 lm
- 4 beam distributions from 0.3 to 1.1 Spacing Criteria
- Quiet reflector appearance with 50° optical cutoff
- 2700K - 5000K, 80+ and 90+ CRI options
- Available in Surface, Wall, Pendant, or Cord Mount configurations
- PowerHUBB™ enables low-voltage wired connectivity for Power over Ethernet (PoE) network system deployment



(Select Models)



See Certification Specifications

CONTROL TECHNOLOGY

POWERHUBB™
PoE LIGHTING & CONTROL

SPECIFICATIONS

CONSTRUCTION

- Seamless heavy gauge aluminum cylinder body with a clean appearance
- Select from 4 durable powder coat paint architectural finishes or Brushed Aluminum
- Available in Surface, Wall, Pendant, or Cable/Cord mounting options
- Wall Mount: One piece die cast aluminum mounting arm
- Pendant Mount: Swivel canopy allows sloped ceiling mounting up to 45 degrees
- Wall Mount driver is integral in cylinder
- For S, CM, P: Remote mount driver assembly (see line art)

OPTICS

- Visually pleasing 50° cutoff to source and source image
- The light distribution is free of distracting bright spots or pixelation and the perimeter has a smooth transition
- Optical grade silicone lens integral to light engine
- High purity spun aluminum reflector, self-flanged
- Large selection of anodized finishes and colors
- Painted cones and flange options available

ELECTRICAL

- Chip-on-board (COB) LED with 2 SDCM
- Multiple CCTs, 80+ or 90+ CRI
- Long LED life: L90 at >55,000 (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

- Light Engine/Trim assembly is mechanically secured with torsion springs for ease of installation
- A quick connect is provided for easy maintenance or upgrade
- Remote mount driver/jbox assembly requires 6" plenum clearance (Non-IC rated)
- Remote driver is accessible from above or below the ceiling

CERTIFICATIONS

- cCSAus certified to UL 2108
- Wall Mount: Suitable for wet locations
- Pendant Mount: Suitable for wet locations under covered ceiling
- Surface, Cord Mount and all Wall Wash: 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



RELATED PRODUCTS

Ø 3" LITEISTRY
Family

Ø 4" LITEISTRY
Family

Ø 6" LITEISTRY
Family

KEY DATA	
Lumen Range	600-2000
Wattage Range	8-23
Efficacy Range (LPW)	94-104*
Reported Life (Hours)	L90 / >55,000
Input Current (mA)	N/A

*Based on Specular, 35K, 80 CRI



LTC-6RDWPH

LITEISTRY 6" ROUND CYLINDER WITH POWERHUBB™

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

ORDERING GUIDE

Example: LTC-6RDPH-P-15L35K9WD-PMC-SS-WH

CATALOG #	
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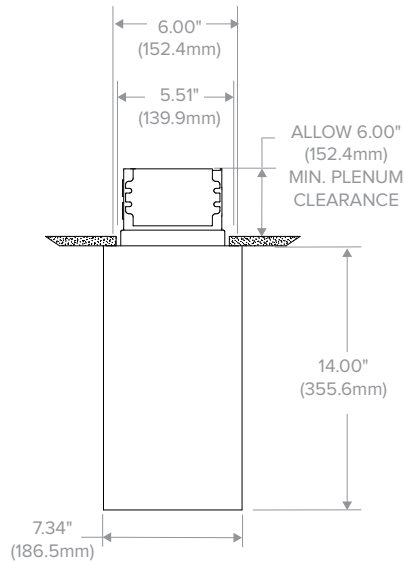
LTC-6RDPH	—	—	—	—	—	—
Aperture/Shape/Function	Cylinder Mounting	Lumen Output	CCT	CRI	Distribution	
LTC-6RDPH 6" Round Downlight Cylinder	S Surface	06L 600 Lumens	27K 2700K	8 80+ CRI	NR Narrow (0.3 SC/18°)	
LTC-6RWPH 6" Round Wall Wash Cylinder	W Wall	10L 1000 Lumens	30K 3000K	9 90+ CRI	MD Medium (0.6 SC/37°)	
	P Pendant (18" Stem Standard)	15L 1500 Lumens	35K 3500K		WD Wide (0.9 SC/59°)	
	CM Cable/Cord (6 ft. Cord Standard) ³	20L 2000 Lumens	40K 4000K		XW Extra Wide (1.1 SC/76°)	
			50K 5000K ¹		WW Wall Wash	

PowerHUBB Node	Reflector Finish	Reflector Color	Flange Color Options	Exterior Cylinder Color
PM PowerHUBB™, On/Off/1% Dim, Master	<i>Finish not applicable with painted reflectors (WC or BC)</i>	<i>Standard Clear</i>	<i>Standard matches reflector color</i>	BA Brushed Aluminum
PMC PowerHUBB™, On/Off/1% Dim, Control Inputs, Master	S Specular	CG Champagne Gold	WT White Flange ²	BZ Bronze
PS PowerHUBB™, On/Off/1% Dim, Satellite	SS Semi-Specular	BL Black	BT Black Flange ²	BL Matte Black
PSC PowerHUBB™, On/Off/1% Dim, Control Inputs, Satellite	MFC American Matte™	LW Light Wheat		WH Matte White
	VS Softglow®	PW Pewter		SVR Silver
	VSS SoftSheen™	WC Painted White Cone and Flange		
		BC Painted Black Cone and Flange		

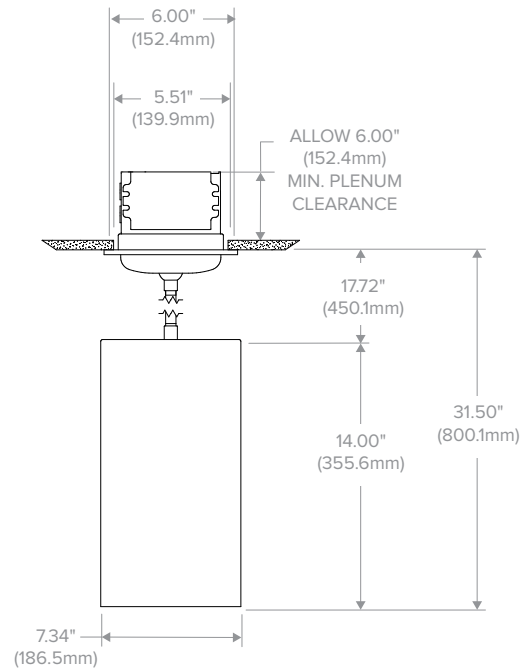
Notes:

- 1 5000K available in 80+ CRI only.
- 2 WT not needed for WC, BT not needed for BC.
- 3 CM standard color cord is Clear.

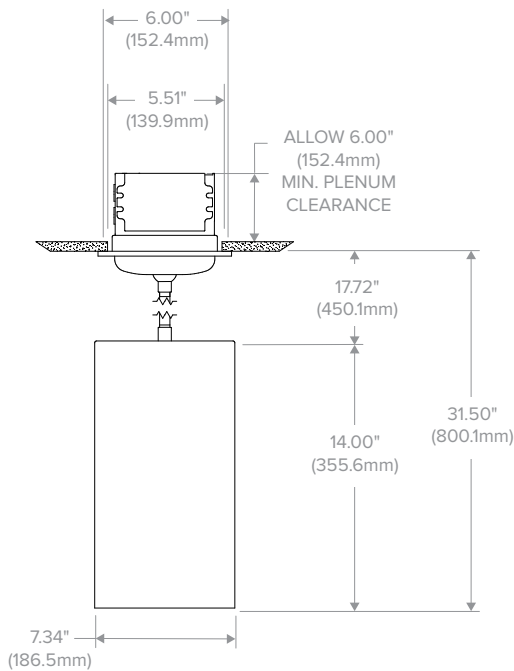
DIMENSIONS



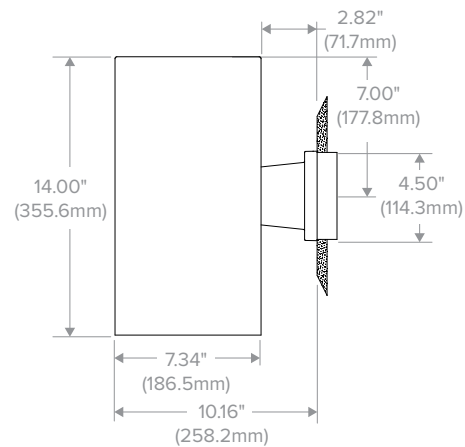
Surface (-S)



Pendant (-P)



Cord (-CM)



Wall (-W)



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PHOTOMETRY

LTC-6RDPH-P-20L35K8NR-PMC-S-BL

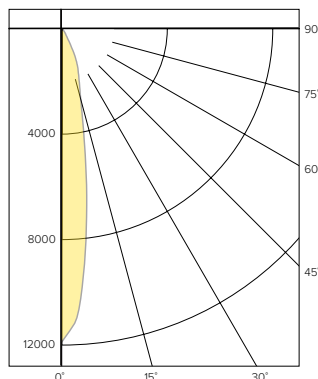
LUMINAIRE DATA

Test No.	R19.00588-02
Description	2000 lm, Narrow, 3500K, 80 CRI
Delivered Lumens	2355
Watts	22.6W
Efficacy	104.0
Mounting	Pendant
Spacing Criterion	0.3
Beam Angle (FWHM)	18

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-40	2290	97.2
0-60	2355	100.0
0-90	2355	100.0
0-180	2355	100.0

POLAR GRAPH



CANDELA DISTRIBUTION

Degree	Candela
0	11881
5	9399
15	2776
25	1236
35	255
45	74
55	0
65	0
75	0
85	0
90	0

LUMINANCE DATA*

Vertical Angle	Average
45°	6247
55°	0
65°	0
75°	0
85°	0

*Candela/Square Meter

LTC-6RDPH-P-20L35K8MD-PMC-S-BL

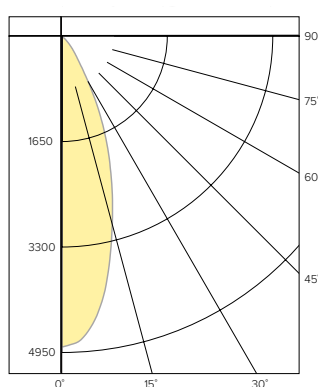
LUMINAIRE DATA

Test No.	R19.00587-02
Description	2000 lm, Medium, 3500K, 80 CRI
Delivered Lumens	2265
Watts	22.6W
Efficacy	100.0
Mounting	Pendant
Spacing Criterion	0.6
Beam Angle (FWHM)	37

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-40	2171	95.9
0-60	2262	99.9
0-90	2265	100.0
0-180	2265	100.0

POLAR GRAPH



CANDELA DISTRIBUTION

Degree	Candela
0	4851
5	4619
15	3007
25	1450
35	386
45	99
55	6
65	2
75	1
85	0
90	0

LUMINANCE DATA*

Vertical Angle	Average
45°	8357
55°	624
65°	282
75°	231
85°	0

*Candela/Square Meter

LTC-6RDPH-P-20L35K8WD-PMC-S-BL

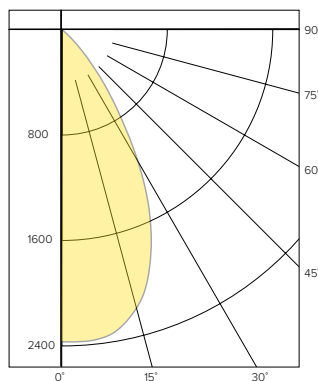
LUMINAIRE DATA

Test No.	R19.00585-02
Description	2000 lm, Wide, 3500K, 80 CRI
Delivered Lumens	2180
Watts	22.6W
Efficacy	96.1
Mounting	Pendant
Spacing Criterion	0.9
Beam Angle (FWHM)	59

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-40	2014	92.4
0-60	2176	99.8
0-90	2180	100.0
0-180	2180	100.0

POLAR GRAPH



CANDELA DISTRIBUTION

Degree	Candela
0	2368
5	2371
15	2189
25	1591
35	726
45	177
55	10
65	3
75	1
85	0
90	0

LUMINANCE DATA*

Vertical Angle	Average
45°	14942
55°	1041
65°	424
75°	231
85°	0

*Candela/Square Meter

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PHOTOMETRY CONTINUED

LTC-6RDPH-P-20L35K8XW-PMC-S-BL

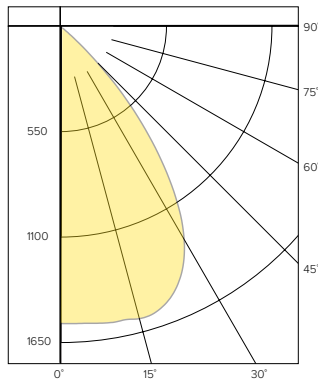
LUMINAIRE DATA

Test No.	R19.00586-02
Description	2000 lm, Extra Wide, 3500K, 80 CRI
Delivered Lumens	2139
Watts	22.7W
Efficacy	94.4
Mounting	Pendant
Spacing Criterion	1.1
Beam Angle (FWHM)	76

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-40	1875	87.7
0-60	2134	99.8
0-90	2139	100.0
0-180	2139	100.0

POLAR GRAPH



CANDELA DISTRIBUTION

Degree	Candela
0	1547
5	1552
15	1576
25	1461
35	1007
45	301
55	9
65	3
75	1
85	0
90	0

LUMINANCE DATA*

Vertical Angle	Average
45°	25409
55°	937
65°	424
75°	231
85°	0

*Candela/Square Meter

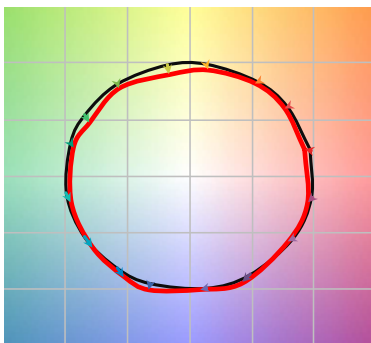
LUMEN MULTIPLIER

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.

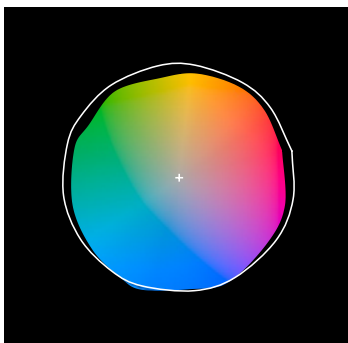
TM-30 DATA

COLOR VECTOR GRAPHIC 3500K, 90 CRI



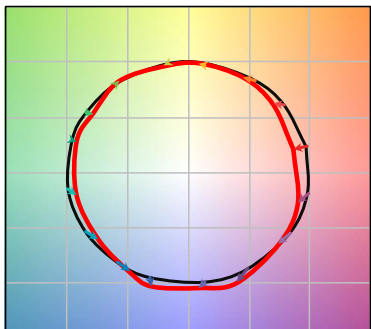
— Reference Illuminant — Test Source

COLOR DISTORTION GRAPHIC 3500K, 90 CRI



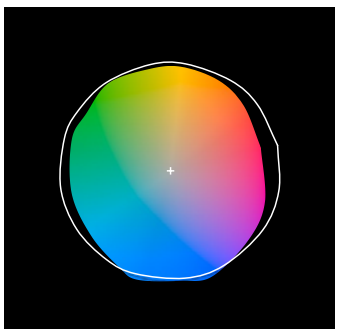
TEST RESULTS - 3500K		
Value	80+ CRI	90+ CRI
R _f	84	88
R _g	95	95
CCT (K)	3411	3419
D _{uv}	0.0015	0.0042
x	0.4120	0.4147
y	0.3974	0.4052
CIE R _a	84	93
CIE R _g	11	62

COLOR VECTOR GRAPHIC 3500K, 80 CRI



— Reference Illuminant — Test Source

COLOR DISTORTION GRAPHIC 3500K, 80 CRI





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ELECTRICAL DATA

WATTAGE DATA		
Lumen Output	Nominal Lumens	WATTAGE
06L	600	8
10L	1000	12
15L	1500	19
20L	2000	23

* 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.