

LTC-6SQDPH

LITEISTRY 6" SQUARE CYLINDER WITH POWERHUBB™

LITEISTRY™

FEATURES

- 6" architectural LED downlight cylinder delivering 600–2000 lm
- Five beam distributions from 0.4 to 1.2 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



RELATED PRODUCTS

Ø 3" LITEISTRY Family

Ø 4" LITEISTRY Family

Ø 6" LITEISTRY Family



(Select Models)

CONTROL TECHNOLOGY



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: Driver are remote mounted above ceiling (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 four panel aluminum reflector, self-flanged
- Large selection of anodized finishes and colors
- Painted cones and flange options available

ELECTRICAL

- Chip-on-board (COB) 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 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 and Cord Mount: 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	8–23
Efficacy Range (LPW)	87–99*
Reported Life (Hours)	L90 / >55,000
Input Current Range (mA)	N/A

*Based on Specular, 35K, 80 CRI



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DATE: _____ LOCATION: _____

TYPE: _____ PROJECT: _____

CATALOG #: _____

ORDERING GUIDE

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

CATALOG #

LTC-6SQDPH					
Aperture/Shape/Function	Cylinder Mounting	Lumen Output	CCT	CRI	Distribution
LTC-6SQDPH 6" Square Cylinder Downlight	S Surface W Wall P Pendant (18" Stem Standard) CM Cable/Cord (6 ft. Cord Standard) ³	06L 600 Lumens 10L 1000 Lumens 15L 1500 Lumens 20L 2000 Lumens	27K 2700K 30K 3000K 35K 3500K 40K 4000K 50K 5000K ¹	8 80+ CRI 9 90+ CRI	VNR Very Narrow (0.4 SC/25°) ⁴ NR Narrow (0.6 SC/36°) MD Medium (0.7 SC/43°) WD Wide (1.0 SC/65°) XW Extra Wide (1.2 SC/69°)

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

Notes:

- 1 5000K is available in 80+CRI only
- 2 WT not needed for WC; BT not needed for BC
- 3 CM standard cord color is Clear.
- 4 VNR not available with IC or CP options.



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PERFORMANCE DATA TABLE

Performance data provided below is for 3500K, 80 CRI with Specular Clear reflector finish/color

Lumen Package	Nominal Lumens	Distribution	Delivered Lumens	Watts	LPW
06L	600	Very Narrow	723	7.8	93
		Narrow	757	7.8	97
		Medium	708	7.8	91
		Wide	600	7.8	77
		Extra Wide	567	7.8	73
10L	1000	Very Narrow	1155	12.0	96
		Narrow	1210	12.0	101
		Medium	1131	12.0	94
		Wide	958	12.0	80
		Extra Wide	906	12.0	76
15L	1500	Very Narrow	1660	18.7	89
		Narrow	1738	18.7	93
		Medium	1624	18.7	87
		Wide	1377	18.7	74
		Extra Wide	1302	18.7	70
20L	2000	Very Narrow	2282	22.7	101
		Narrow	2282	22.8	100
		Medium	2206	22.8	97
		Wide	2031	22.8	89
		Extra Wide	1975	22.8	87

LTC-6SQDPH

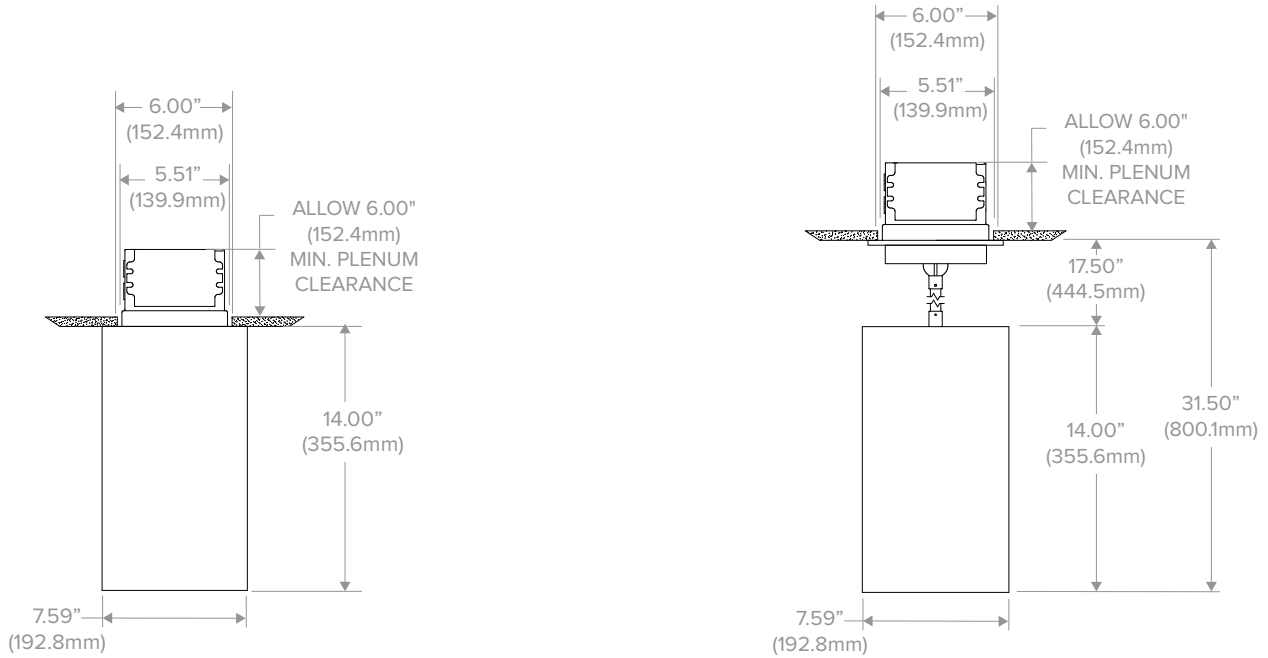
LITEISTRY 6" SQUARE CYLINDER WITH POWERHUBB™

DATE: _____ LOCATION: _____

TYPE: _____ PROJECT: _____

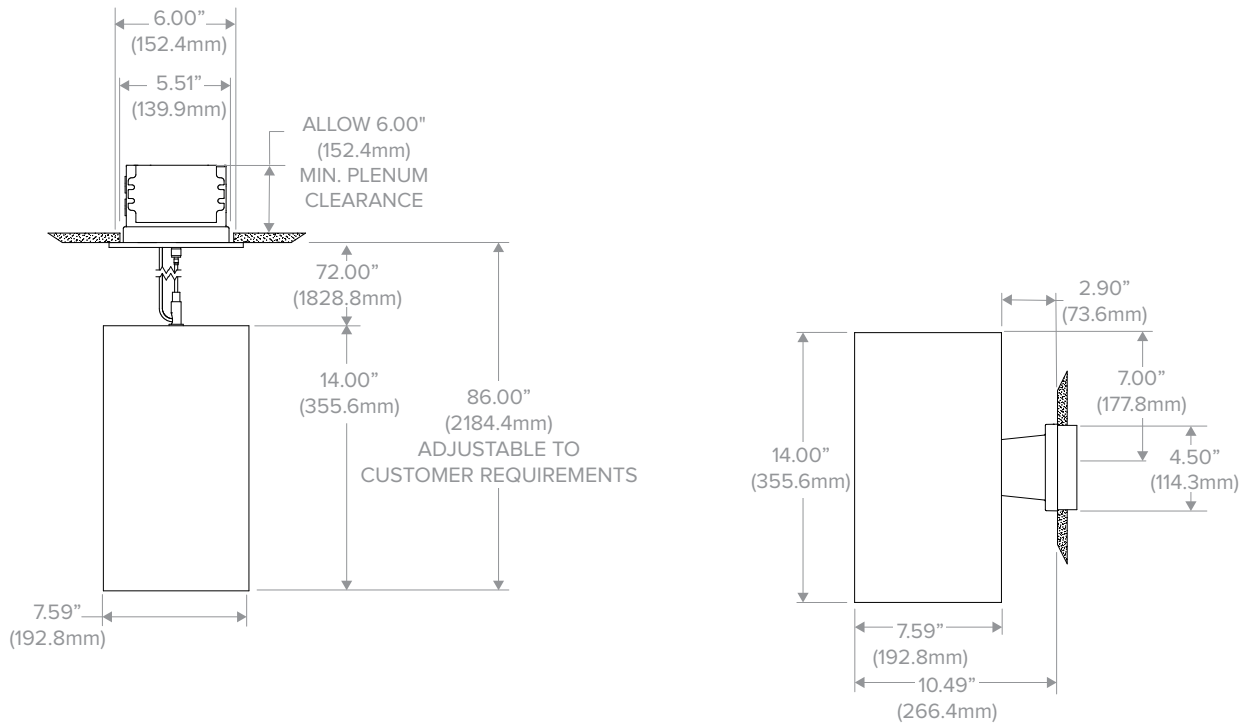
CATALOG #: _____

DIMENSIONS



Surface (-S)

Pendant (-P)



Cord (-CM)

Wall (-W)

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LITEISTRY 6" SQUARE CYLINDER WITH POWERHUB™

PHOTOMETRY

LTC-6SQDPH-P-20L35K8VNR-PMC-S-BL

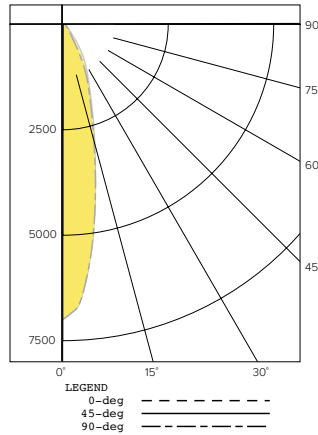
LUMINAIRE DATA

Test No.	R19.00934-C02
Description	2000 lm, Very Narrow, 3500K, 80 CRI
Delivered Lumens	2282
Watts	22.8W
Efficacy	100
Mounting	Recessed
Spacing Criterion	0.4
Beam Angle (FWHM)	25

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-40	2282	95.1
0-60	2274	99.7
0-90	2282	100.0
0-180	2282	100.0

POLAR GRAPH



CANDELA DISTRIBUTION

Degree	Candela - 0	Candela - 45	Candela - 90
0	7034	7034	7034
5	6158	6172	6176
15	2778	2894	2806
25	1214	1390	1221
35	266	580	269
45	88	116	90
55	17	23	21
65	4	4	4
75	2	2	2
85	0	1	0
90	0	0	0

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

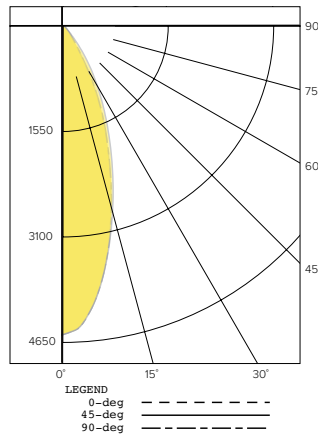
LUMINAIRE DATA

Test No.	R19.00935-02
Description	2000 lm, Narrow, 3500K, 80 CRI
Delivered Lumens	2252
Watts	22.8W
Efficacy	98.7
Mounting	Pendant
Spacing Criterion	0.6
Beam Angle (FWHM)	36

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-40	2124	94.3
0-60	2244	99.7
0-90	2252	100.0
0-180	2252	100.0

POLAR GRAPH



CANDELA DISTRIBUTION

Degree	Candela - 0	Candela - 45	Candela - 90
0	4567	4567	4567
5	4305	4307	4304
15	2800	2874	2805
25	1334	1536	1343
35	342	628	344
45	99	134	101
55	19	26	19
65	4	5	4
75	2	2	2
85	0	1	0
90	0	0	0

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

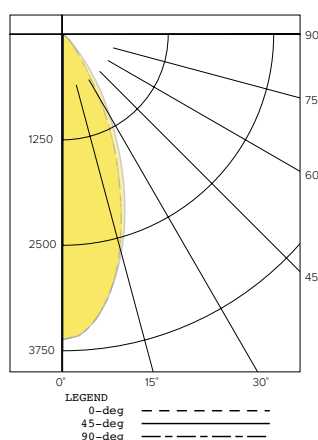
LUMINAIRE DATA

Test No.	R19.01046-02
Description	2000 lm, Medium, 3500K, 80 CRI
Delivered Lumens	2206
Watts	22.8W
Efficacy	96.8
Mounting	Pendant
Spacing Criterion	0.7
Beam Angle (FWHM)	43

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-40	2062	93.5
0-60	2199	99.7
0-90	2206	100.0
0-180	2206	100.0

POLAR GRAPH



CANDELA DISTRIBUTION

Degree	Candela - 0	Candela - 45	Candela - 90
0	3615	3615	3615
5	3486	3487	3485
15	2608	2668	2602
25	1387	1592	1385
35	413	684	414
45	112	155	112
55	20	29	20
65	4	5	4
75	2	2	2
85	0	1	0
90	0	0	0

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PHOTOMETRY (CONTINUED)

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

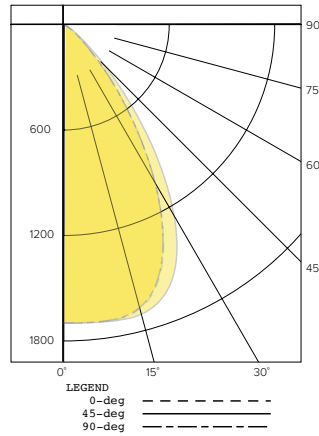
LUMINAIRE DATA

Test No.	R19.00936-02
Description	2000 lm, Wide, 3500K, 80 CRI
Delivered Lumens	2031
Watts	22.8W
Efficacy	89.0
Mounting	Pendant
Spacing Criterion	1.00
Beam Angle (FWHM)	65

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-40	1768	87.0
0-60	2020	99.5
0-90	2031	100.0
0-180	2031	100.0

POLAR GRAPH



CANDELA DISTRIBUTION

Degree	Candela - 0	Candela - 45	Candela - 90
0	1697	1697	1697
5	1701	1702	1701
15	1671	1704	1664
25	1335	1501	1326
35	701	915	697
45	205	308	207
55	31	54	32
65	6	7	6
75	3	3	3
85	1	1	1
90	0	0	0

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

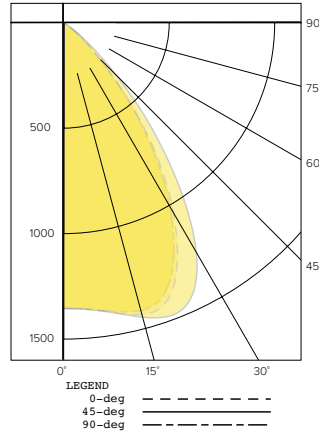
LUMINAIRE DATA

Test No.	R19.01047-02
Description	2000 lm, Extra Wide, 3500K, 80 CRI
Delivered Lumens	1975
Watts	22.7W
Efficacy	87.0
Mounting	Pendant
Spacing Criterion	1.2
Beam Angle (FWHM)	69

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-40	1670	84.5
0-60	1964	99.4
0-90	1975	100.0
0-180	1975	100.0

POLAR GRAPH



CANDELA DISTRIBUTION

Degree	Candela - 0	Candela - 45	Candela - 90
0	1354	1354	1354
5	1364	1365	1363
15	1432	1445	1413
25	1275	1436	1236
35	775	970	747
45	244	367	240
55	36	64	36
65	7	8	7
75	3	3	3
85	1	1	1
90	0	0	0

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.



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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



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.