



LTC-3SQDPH

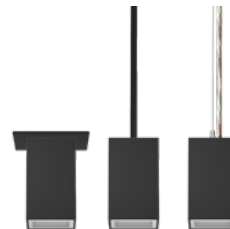
LITEISTRY 3" SQUARE CYLINDER WITH POWERHUBB™

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

LITEISTRY™

FEATURES

- 3" architectural LED downlight cylinder delivering 600 - 2000 lm
- 4 beam distributions from 0.6 to 1.2 Spacing Criteria
- Quiet reflector appearance with 50° optical cutoff
- 2700K - 5000K, 80+ and 90+ CRI options
- Available in Surface, 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, Pendant, or Cable/Cord mounting options
- Drivers are remote mounted above ceiling (see line art)
- Pendant Mount: Swivel canopy allows sloped ceiling mounting up to 45 degrees

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 spun aluminum reflector, self-flanged
- 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 (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 and includes a retention cable 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
- 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	8–25
Efficacy Range (LPW)	77–82*
Reported Life (Hours)	L90 / >55,000
Input Current (mA)	N/A

*Based on Specular, 35K, 80 CRI



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ORDERING GUIDE

Example: LTC-3SQDPH-P-15L35K9WD-PMC-SS-WH

CATALOG #	
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LTC-3SQDPH						
Aperture/Shape/Function	Cylinder Mounting	Lumen Output	CCT	CRI	Distribution	
LTC-3SQDPH 3" Round Cylinder Downlight	S Surface ³ P Pendant (18" Stem Standard) ³ CM Cable/Cord (6 ft. Cord Standard) ^{3,4}	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	NR Narrow (0.6 SC/38°) MD Medium (0.7 SC/48°) WD Wide (1.0 SC/62°) XW Extra Wide (1.2 SC/74°)	

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>	CG Champagne Gold	<i>Standard matches reflector color</i>	BA Brushed Aluminum
PMC PowerHUBB™, On/Off/1% Dim, Control Inputs, Master	S Specular	BL Black	WT White Flange ²	BZ Bronze
PS PowerHUBB™, On/Off/1% Dim, Satellite	SS Semi-Specular	LW Light Wheat	BT Black Flange ²	BL Matte Black
PSC PowerHUBB™, On/Off/1% Dim, Control Inputs, Satellite	VS Softglow®	PW Pewter		WH Matte White
	VSS SoftSheen™	WC Painted White		SVR Silver
		BC Painted Black Cone and Flange		

Notes:

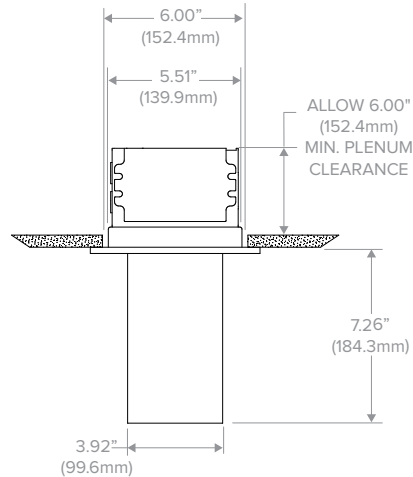
- ¹ 5000K is available in 80+ CRI only
- ² WT not needed for WC; BT not needed for BC
- ³ Consult factory for Wall Mount availability
- ⁴ CM standard cord color is Clear.

LTC-3SQDPH

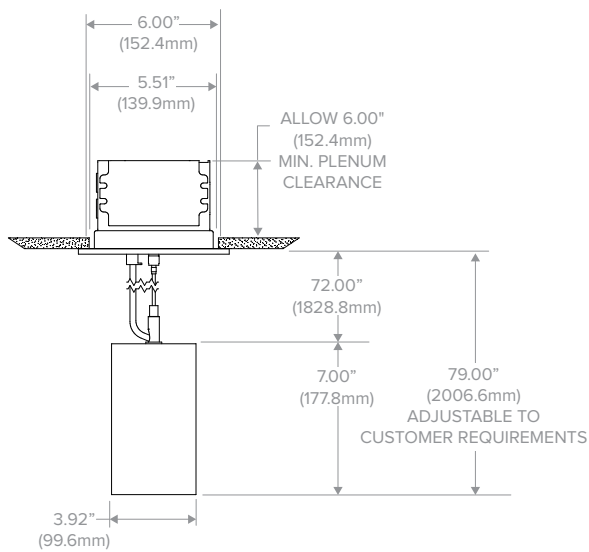
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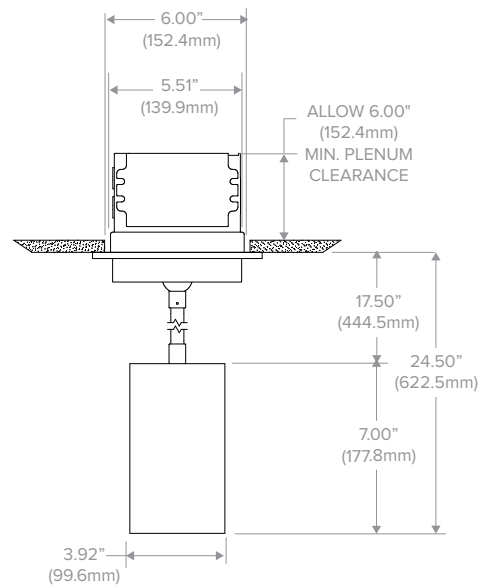
DIMENSIONS



Surface



Cord



Pendant



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PHOTOMETRY

LTC-3SQDPH-P-20L35K8NR-PMC-S-BL

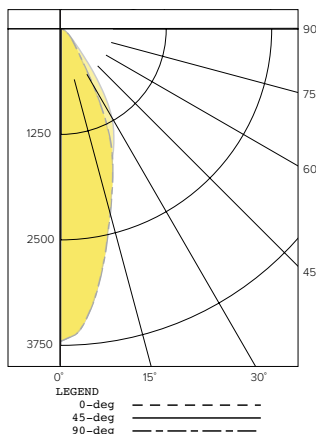
LUMINAIRE DATA

Test No.	R19.00953-02
Description	2000 lm, Narrow, 3500K, 80 CRI
Delivered Lumens	2060
Watts	25.0W
Efficacy	82.4
Mounting	Pendant
Spacing Criterion	0.6
Beam Angle (FWHM)	38

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-40	1861	90.4
0-60	2045	99.3
0-90	2060	100.0
0-180	2060	100.0

POLAR GRAPH



CANDELA DISTRIBUTION

Degree	Candela - 0	Candela - 45	Candela - 90
0	3722	3722	3722
5	3454	3456	3462
15	2243	2200	2258
25	1270	1475	1294
35	338	738	350
45	151	180	157
55	53	57	60
65	7	9	7
75	3	4	3
85	1	1	1
90	0	0	0

LTC-3SQDPH-P-20L35K8MD-PMC-S-BL

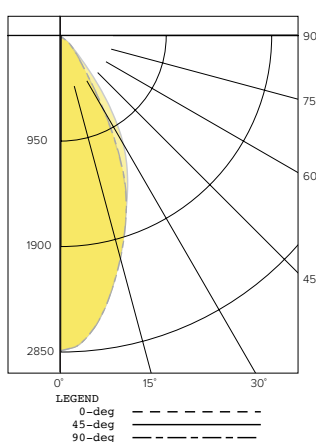
LUMINAIRE DATA

Test No.	R19.00954-02
Description	2000 lm, Medium, 3500K, 80 CRI
Delivered Lumens	2018
Watts	25.0W
Efficacy	80.7
Mounting	Pendant
Spacing Criterion	0.7
Beam Angle (FWHM)	48

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-40	1799	89.2
0-60	2003	99.3
0-90	2018	100.0
0-180	2018	100.0

POLAR GRAPH



CANDELA DISTRIBUTION

Degree	Candela - 0	Candela - 45	Candela - 90
0	2842	2842	2842
5	2728	2727	2728
15	2080	2062	2083
25	1310	1432	1324
35	410	772	422
45	165	202	171
55	58	63	65
65	7	10	8
75	3	4	4
85	1	1	1
90	0	0	0

LTC-3SQDPH-P-20L35K8WD-PMC-S-BL

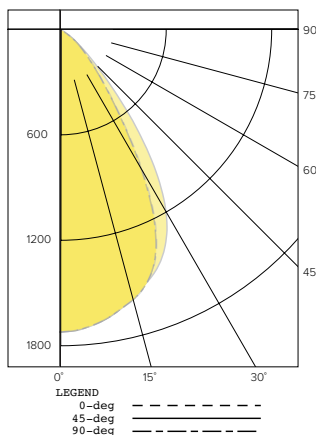
LUMINAIRE DATA

Test No.	R19.01044-02
Description	2000 lm, Wide, 3500K, 80 CRI
Delivered Lumens	1975
Watts	25.0W
Efficacy	78.9
Mounting	Pendant
Spacing Criterion	1.0
Beam Angle (FWHM)	62

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-40	1671	96.3
0-60	1956	99.8
0-90	1975	100.0
0-180	1975	100.0

POLAR GRAPH



CANDELA DISTRIBUTION

Degree	Candela - 0	Candela - 45	Candela - 90
0	1730	1730	1730
5	1713	1711	1711
15	1605	1594	1602
25	1305	1403	1292
35	600	914	580
45	236	304	224
55	87	84	75
65	10	12	9
75	4	5	4
85	1	1	1
90	0	0	0

PHOTOMETRY CONTINUED

LTC-3SQDPH-P-20L35K8XW-PMC-S-BL

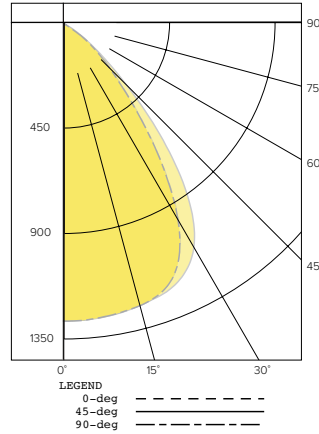
LUMINAIRE DATA

Test No.	R19.00956-02
Description	2000 lm, Extra Wide, 3500K, 80 CRI
Delivered Lumens	1910
Watts	25.0W
Efficacy	76.3
Mounting	Pendant
Spacing Criterion	1.2
Beam Angle (FWHM)	74

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-40	1519	79.5
0-60	1889	98.9
0-90	1910	100.0
0-180	1910	100.0

POLAR GRAPH



CANDELA DISTRIBUTION

Degree	Candela - 0	Candela - 45	Candela - 90
0	1275	1275	1275
5	1273	1273	1273
15	1252	1253	1253
25	1149	1199	1150
35	740	944	735
45	307	412	301
55	102	108	92
65	11	14	10
75	5	5	5
85	1	1	1
90	0	0	0

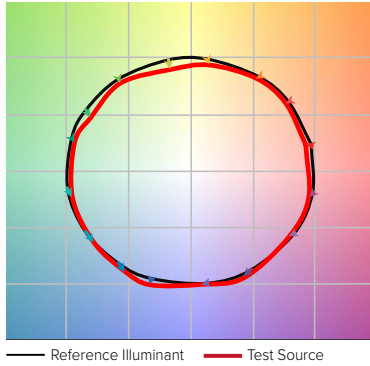
LUMEN MULTIPLIER

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.

TM-30 DATA

COLOR VECTOR GRAPHIC 3500K, 90 CRI

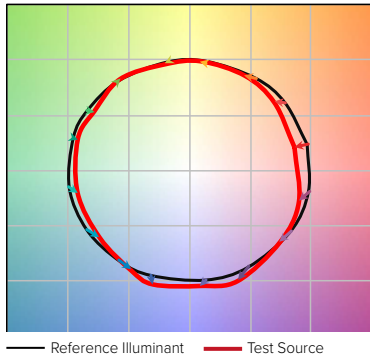


COLOR DISTORTION GRAPHIC 3500K, 90 CRI

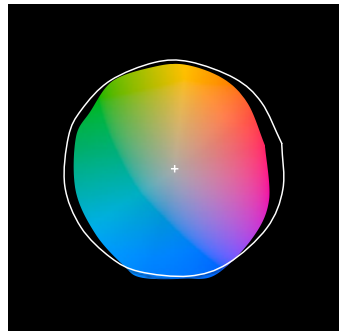


TEST RESULTS - 3500K		
Value	80+ CRI	90+ CRI
R _f	84	88
R _g	95	95
CCT (K)	3411	3419
D _{uv}	0.0015	0.0042
x	0.4120	0.4147
y	0.3974	0.4052
CIE R _a	84	93
CIE R _g	11	62

COLOR VECTOR GRAPHIC 3500K, 80 CRI



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	25

* Wattage may vary based on configuration and options selected

ADDITIONAL INFORMATION

PowerHUBB™ 

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.