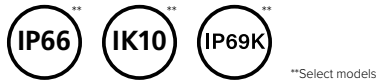


FEATURES

- 6" architectural LED downlight delivering 600 – 9000 lm
- Five beam distributions from 0.4 to 1.2 Spacing Criteria
- Quiet reflector appearance with superior 50° optical cutoff
- 2700K – 5000K, 80+ and 90+ CRI options
- Available for New Construction (non-IC), IC and Chicago Plenum applications
- Variety of dimming protocol options including 0–10V, DALI, DMX, and Lutron EcoSystem
- NX Lighting Controls wired and wireless controls capability available



CONTROLS TECHNOLOGY



SPECIFICATIONS

CONSTRUCTION

- Standard Non-IC, Chicago Plenum and IC options
- 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
- 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
- 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 (COB) LED with 2 SDCM
- Multiple CCTs, 80+ or 90+ CRI
- Long LED life: L90 at >55,000 hours (TM-21)
- Universal voltage 120V–277V driver, 347V optional
- UL Class 2, inherent short circuit and overload protection

ELECTRICAL (CONTINUED)

- Flicker free 0–10V dimming with 1% or < 1% performance
- DALI, DMX, and Lutron EcoSystem options
- NX Lighting Controls provides options for standalone and networked functionality with wired or wireless connectivity for NX system deployments
- Lutron Athena control options also available
- Integral and remote emergency controller and battery pack options available
- Refer to additional spec sheets for information on SpectraSync™ Tunable White or Dim-to-Warm solutions

INSTALLATION

- Accommodates ceiling thicknesses up to 1.25" (See DIMENSIONS section for details)
- Universal adjustable mounting brackets also accept ½" EMT conduit or 1½" or ¾" lathing channel (by others) or Prescolite accessory bar hangers (B24 or B6)
- Light Engine/Driver fully serviceable from above or below the ceiling

CERTIFICATIONS

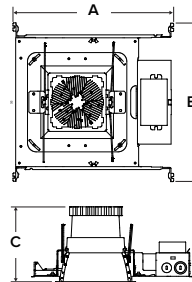
- cCSAus certified to UL 1598
- For ≥70L: Marked spacing required 36" fixture center to center; 36" fixture center to building member; 0.5" above fixture
- Suitable for wet locations, covered ceiling. EM/EMR: Suitable for damp locations

LITEISTRY™



SERVICE PROGRAMS

tradeSELECT™ QS10



Typical Dimensions and Weights				
Lumen Package	"A" Length Inches (mm)	"B" Width Inches (mm)	"C" Height Inches (mm)	Weight lbs (kg)
06L - 15L	14.56 (370)	14.36 (365)	6 (152)	8 (3.6)
20L - 30L	14.56 (370)	14.36 (365)	6.78 (172)	8.4 (3.8)
35L - 45L	14.56 (370)	14.36 (365)	7.96 (202)	9 (4.1)
50L - 60L	14.56 (370)	14.36 (365)	9.14 (232)	10.1 (4.6)
70L - 90L	14.56 (370)	15.56 (395)	11.56 (294)	10.3 (4.7)

See DIMENSIONS section for complete details

CERTIFICATIONS (CONTINUED)

- EM/EMR: Certified under UL 924 standard for emergency lighting and power equipment
- EM/EMR: Emergency battery packs are California Energy Commission (CEC) Title 20 Compliant
- When used with CE Bezel Trim Accessories: IP66/ IP69K rating; also meets IK10 per IEC 60068-2-75 impact testing
- Approved for 8 (4 in/4 out) No. 12AWG conductors rated for 90°C through wiring
- For -BAA Option: This product meets federal procurement law requirements under the Buy American Act (FAR 52.225-9) [See Buy America\(n\) Solutions](#)
- For -TAA Option: Product configurations meet federal procurement law requirements under the Trade Agreements Act (FAR 52.225-11) [See Buy America\(n\) Solutions](#)

WARRANTY

- 5 year warranty

KEY DATA	
Lumen Range	600–9000
Wattage Range	8–99
Efficacy Range (LPW)	87-99*
Reported Life (Hours)	L90 / >55,000
Input Current (mA)	67-825 (120V)

*Based on Specular, 35K, 80 CRI

LTR-6SQD

LITEISTRY 6" SQUARE DOWNLIGHT

ORDERING GUIDE

CATALOG #

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

Gray Shading = Service Program tradeSELECT® QS10
Limit of 150 Luminaries

Example: LTR-6SQD-H-SL10L-DM1-LTR-6SQD-T-SL35K8MD-SS

HOUSING

LTR-6SQD-H						
Aperture/Shape/Function	Lumen Package	Lumen Output	Driver Options	Control Options	Voltage	Housing Options
LTR-6SQD-H 6" Square Downlight New Construction Housing	SL Standard Lumen ML Medium Lumen HL High Lumen VL Very High Lumen XL Extra high Lumen ¹²	06L 600 10L 1000 15L 1500 20L 2000 25L 2500 30L 3000 35L 3500 40L 4000 45L 4500 50L 5000 55L 5500 60L 6000 70L 7000 80L 8000 90L 9000	DM1 0-10V Dimming to 1% DM01 0-10V Dimming to < 1% ³ DMX DMX with RDM dimming to < 0.1% ³ DALI DALI Dimming to 1% ³ EDM Lutron Hi-Lume EcoSystem Dimming to 1% ³ DM00 Lutron Athena compatible driver ¹⁴	NX Lighting Controls Networked Wireless NXW NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor ⁴ Networked Wired NXE NX Wired Dual RJ45 SmartPORTS, without Sensor ⁴ Other Lighting Controls Networked Wireless AWNRR Lutron Athena Enabled ¹⁴	Standard 120-277V 34 347V ⁸	CP Chicago Plenum ^{1,9} IC IC rated ^{1,10} EM 7W Emergency Battery Pack (CEC Title 20 Compliant) with integral test switch and indicator light ¹ EMR 7W Emergency Battery Pack (CEC Title 20 Compliant) with remote test switch and indicator light ¹ GTD Generator Transfer Device ^{1,15} DTS Device Transfer Switch with Dimming Bypass ^{1,12} F Fuse ¹ BAA Buy American Act (FAR 52.225-9) Compliant TAA Trade Agreements Act (FAR 52.225-11) Compliant

TRIM

LTR-6SQD-T						
Aperture/Shape/Function	Lumen Package	CCT	CRI	Distribution		Reflector Finish
LTR-6SQD-T 6" Square Downlight Light Engine/Trim Assembly	SL Standard Lumen ML Medium Lumen HL High Lumen VL Very High Lumen XL Extra High Lumen ¹¹	27K 2700K 30K 3000K 35K 3500K 40K 4000K 50K 5000K ²	8 80+CRI 9 90+CRI	VNR Very Narrow (0.4 SC/25°) 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°)		<i>Finish not applicable with painted reflectors (WC or BC)</i> S Specular SS Semi-Specular VS Softglow®

TRIM CONTINUED

Reflector Color	Flange Color Options	Lower Trim Options	Reflector Options
<i>Standard Clear</i>	<i>Standard matches reflector color</i>	EM Pre-punched Reflector for Integral Switch	AM Antimicrobial Coating ⁶
CG Champagne Gold	WT White Flange ⁵	FM Flush Mount Mud-in Ring ⁷	BAA Buy American Act (FAR 52.225-9) Compliant
BL Black	BT Black Flange ⁵		TAA Trade Agreements Act (FAR 52.225-11) Compliant
LW Light Wheat			
PW Pewter			
WC Painted White Cone and Flange			
BC 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
☐ FMR6-SQ	Flush Mount Mud-In Ring, 6" Square
☐ LiteGear	LiteGear® Inverter, 125VA-250VA
☐ LPS Series	LightPower Micro-Inverter, 20VA-55VA
☐ MOR6-SQ-WH	Metal Oversized Ring, 6" Square, White (10.25" outer dimension)
☐ MOR6-SQ-BL	Metal Oversized Ring, 6" Square, Black (10.25" outer dimension)

(See next page for Bezel Trim Accessories for Complex Environments)¹³

Notes:

- Housing options (except Fuse, BAA/TAA) not available in combination.
- 5000K available in 80+ CRI only.
- EDM available in 10L-35L. DMX not available on >35L. DM01, DALI not available on >55L.
- NX requires DM1 driver option, not available on >60L.
- WT not needed for WC, BT not needed for BC.
- AM available with WC or Specular Clear (S or SWT). Consult factory for other colors.
- Flush Mount Flange (FM) requires FMR accessory (sold separately).
- 347V available for 06L-30L; requires DM1 driver; not available with Controls, EM, EMR, DTS, GTD or F.
- CP available up to 50L; not available with DMX, Controls, or EMR options.
- IC available up to 20L; not available with Controls options.
- XL (70L-90L) require marked spacing. See line art for more details.
- DTS available with DM1, DM01, DALI, or DM00. Not available with NXE.
- See next page for option restrictions when using with bezel trim accessories.
- DM00 must be selected with AWWNR Lutron Athena controls option.
- Not available with NXE.

LTR-6SQD

LITEISTRY 6" SQUARE DOWNLIGHT

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

ACCESSORIES CONTINUED

Bezel Trim Accessories

For more demanding environments, LITEISTRY™ offers bezel trim accessories that can be field installed onto standard housing/trim assemblies and are available with antimicrobial trim finish and/or vandal resistant hardware options.

FEATURES:

- Marine grade die cast aluminum bezel trim with low-copper alloy for durability
- Shatter resistant, 1/4" clear polycarbonate lens, completely flush for easy wipe down
- Closed cell silicone gasket protects against dust and water ingress
- Suitable for wet locations, covered ceiling
- IP66/IP69K rated (room side) when properly installed per installation instructions
- Meets IK10 per IEC 60068-2-75 impact testing
- Optional anti-microbial (AM) trim finish



Complex Environment (Includes stainless steel Philips head screws)

- ☐ LTR-6SQD-CE-WT Bezel Trim Accessory, IP66/IP69K, 6" Square, White
- ☐ LTR-6SQD-CE-WTAM Bezel Trim Accessory, IP66/IP69K, 6" Square, White Antimicrobial

Vandal Resistant (Includes stainless steel Torx® screws with tamper resistant center pin reject)

- ☐ LTR-6SQD-CEVR-WT Bezel Trim Accessory, Vandal Resistant/IP66/IP69K, 6" Square, White
- ☐ LTR-6SQD-CEVR-WTAM Bezel Trim Accessory, Vandal Resistant/IP66/IP69K, 6" Square, White Antimicrobial

Dimensional Data	
Aperture Opening	□ 6.00" (152.4 mm)
Overall Flange	□ 9.69" (246.1 mm)
Trim Height	0.42" (10.7 mm)
Ceiling Cutout	□ 8.50" (215.9 mm)
Ceiling Thickness	0.50" to 2.00" (12.7 mm to 50.8 mm)

Notes:

- 1 Available up to 4000 Max Lumens.
- 2 Not available in combination with EM, FM, or WF options.
- 3 Not available in combination with FMR, LTR-MOR or LTR-SCA accessories.
- 4 Refer to all Installation Instructions for complete details.

NX LIGHTING CONTROLS

Control Option Ordering Logic & Description			Control Option Functionality								Control Option Components	
			Networkable	Grouping	Scheduling	Occupancy/Motion	Daylight Harvesting	0-10V Dimming	On/Off Control	Bluetooth App Programming		
NX Wireless	NXW	NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor	✓	✓	✓	-	-	✓	✓	✓		NXRM2-H
NX Wired	NXE	NX Wired Dual RJ45 SmartPORTS, without Sensor	✓	✓	✓	-	-	✓	✓	✓ ¹		NXDSP

1 Requires NXBTC, order separately.

NX LIGHTING CONTROLS APP



The NX Lighting Controls App is a free to use mobile application for programming both an NX Lighting Controls System or Standalone Bluetooth Sensors. The mobile app allows you to configure devices, discover and setup wireless enabled luminaires and program your NX system settings.



Android



Apple iOS

LTR-6SQD

LITEISTRY 6" SQUARE DOWNLIGHT

DATE:

LOCATION:

TYPE:

PROJECT:

CATALOG #:

OTHER LIGHTING CONTROLS

Control Option Ordering Logic & Description			Control Option Functionality								Control Option Components	
			Networkable	Grouping	Scheduling	Occupancy/Motion	Daylight Harvesting	0-10V Dimming	On/Off Control	Bluetooth App Programming		
Other	AWNDR	The Athena wireless node is a radio frequency (RF) device that enables simple, digital control of individual light fixtures in an Athena control system. ¹	✓	✓	-	-	-	✓	✓	-		A-WN-D01-RF-WH

1 Lutron Athena Hub required to enable Networking, Grouping and Scheduling.

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
25L	2500	Very Narrow	2774	27.7	100
		Narrow	2903	27.7	105
		Medium	2714	27.7	98
		Wide	2300	27.7	83
		Extra Wide	2176	27.7	79
30L	3000	Very Narrow	3305	34.3	96
		Narrow	3460	34.3	101
		Medium	3234	34.3	94
		Wide	2741	34.3	80
		Extra Wide	2593	34.3	76

LTR-6SQD

LITEISTRY 6" SQUARE DOWNLIGHT

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

PERFORMANCE DATA TABLE CONTINUED

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

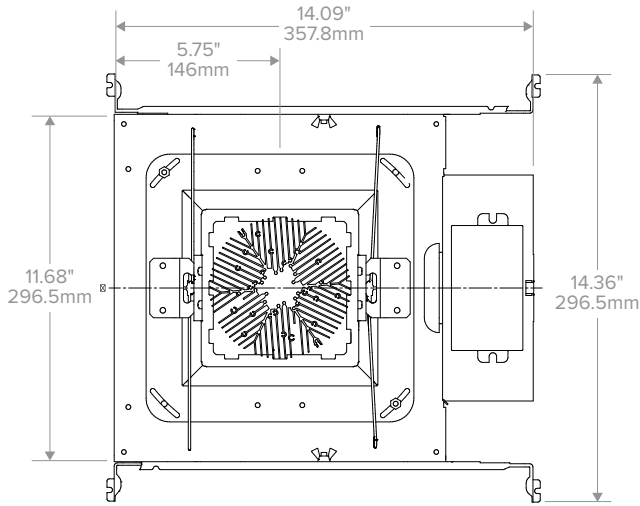
Lumen Package	Nominal Lumens	Distribution	Delivered Lumens	Watts	LPW
35L	3500	Very Narrow	4015	43.0	93
		Narrow	4203	43.0	98
		Medium	3928	43.0	91
		Wide	3329	43.0	77
		Extra Wide	3149	43.0	73
40L	4000	Very Narrow	4589	51.6	89
		Narrow	4804	51.6	93
		Medium	4491	51.6	87
		Wide	3806	51.6	74
		Extra Wide	3600	51.6	70
45L	4500	Very Narrow	4817	55.1	87
		Narrow	5042	55.1	92
		Medium	4713	55.1	86
		Wide	3994	55.1	72
		Extra Wide	3778	55.1	69
50L	5000	Very Narrow	5147	48.7	106
		Narrow	5388	48.7	111
		Medium	5037	48.7	103
		Wide	4268	48.7	88
		Extra Wide	4038	48.7	83
55L	5500	Very Narrow	5708	53.9	106
		Narrow	5975	53.9	111
		Medium	5585	53.9	104
		Wide	4734	53.9	88
		Extra Wide	4478	53.9	83
60L	6000	Very Narrow	6358	60.7	105
		Narrow	6656	60.7	110
		Medium	6221	60.7	103
		Wide	5273	60.7	87
		Extra Wide	4987	60.7	82
70L	7000	Very Narrow	7413	72.1	103
		Narrow	7760	72.1	108
		Medium	7254	72.1	101
		Wide	6147	72.1	85
		Extra Wide	5815	72.1	81
80L	8000	Very Narrow	8342	84.3	99
		Narrow	8732	84.3	104
		Medium	8162	84.3	97
		Wide	6917	84.3	82
		Extra Wide	6543	84.3	78
90L	9000	Very Narrow	9460	98.1	96
		Narrow	9903	98.1	101
		Medium	9257	98.1	94
		Wide	7845	98.1	80
		Extra Wide	7421	98.1	76

LTR-6SQD

LITEISTRY 6" SQUARE DOWNLIGHT

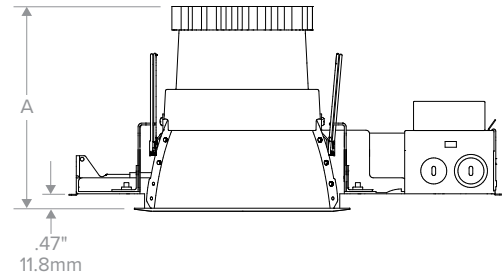
DIMENSIONS

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	



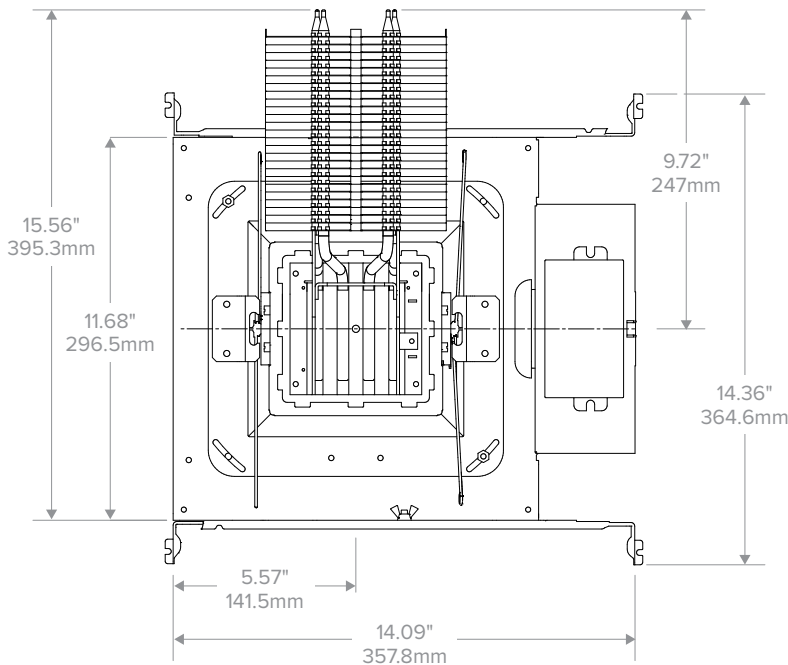
Top View

LTR-6SQD-H (06L-60L) New Construction

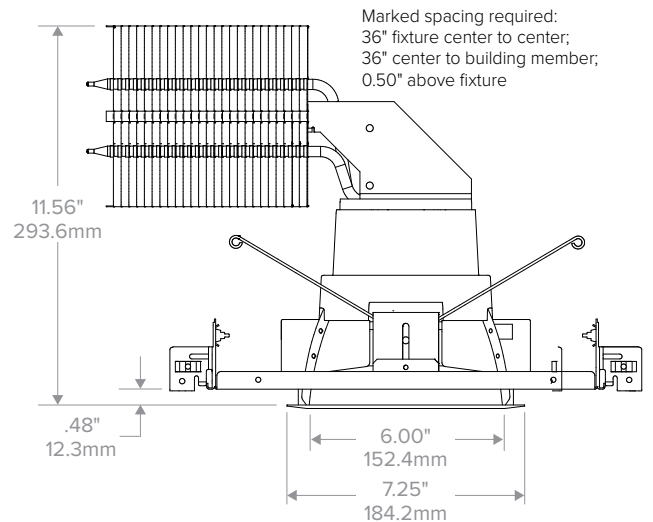


Dimensional Data			Lumen Package	"A"
Aperture		6.00" (152.4mm) SQ		
Flange	Standard	7.25" (184.2mm) SQ	06L-15L	6.00" (152.4mm)
	Flush Mount	6.47" (164.3mm) SQ	20L-30L	6.78" (172.2mm)
	With Bezel Trim Accessory**	□ 9.69" (246.1 mm)	35L-45L	7.96" (202.2mm)
Ceiling Cutout	Standard	6.69" (169.9mm) SQ	50L-60L	9.14" (232.2mm)
	Flush Mount	6.88" (174.8mm) SQ		
	With Bezel Trim Accessory**	□ 8.50" (215.9 mm)		
Ceiling Thickness	0.50" to 1.25" (12.7mm to 31.8mm)			
	With Bezel Trim Accessory**	0.50" to 2.00" (12.7 mm to 50.8 mm)		

** For complete details on Bezel Trim Accessories, see Accessory section on Page 3 and Bezel Trim Installation Instructions on currentlighting.com/prescolite.



LTR-6SQD-H (70L-90L) New Construction



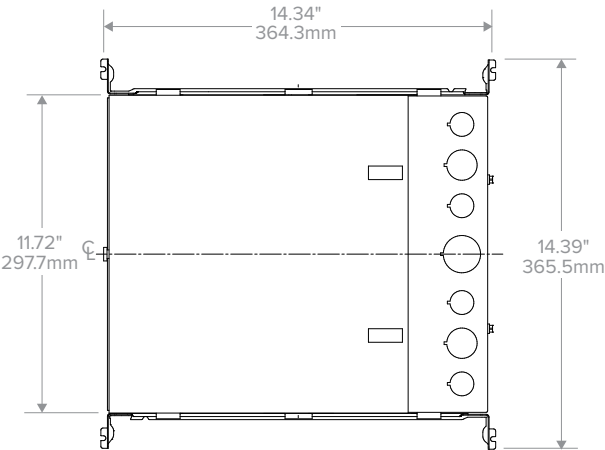
Dimensional Data		
Aperture		6.00" (152.4mm) SQ
Flange	Standard	7.25" (184.2mm) SQ
	Flush Mount	6.47" (164.3mm) SQ
Ceiling Cutout	Standard	6.69" (169.9mm) SQ
	Flush Mount	6.88" (174.8mm) SQ
Ceiling Thickness		0.50" to 1.25" (12.7mm to 31.8mm)

LTR-6SQD

LITEISTRY 6" SQUARE DOWNLIGHT

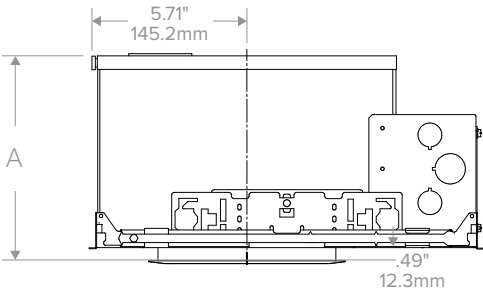
DIMENSIONS CONTINUED

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	



Top View

LTR-6SQD-H IC/CP



Dimensional Data		
Aperture		6.00" (152.4mm) SQ
Flange	Standard	7.25" (184.2mm) SQ
	Flush Mount	6.47" (164.3mm) SQ
Ceiling Cutout	Standard	6.69" (169.9mm) SQ
	Flush Mount	6.88" (174.8mm) SQ
Ceiling Thickness		0.50" to 1.25" (12.7mm to 31.8mm)

Lumen Package	"A"
Standard	7.68" (195.0mm)
CP option ≥35L	10.06" (255.5mm)

PHOTOMETRY

LTR-6SQD-H-ML20L-DM1 / LTR-6SQD-T-ML35K8VNR-S

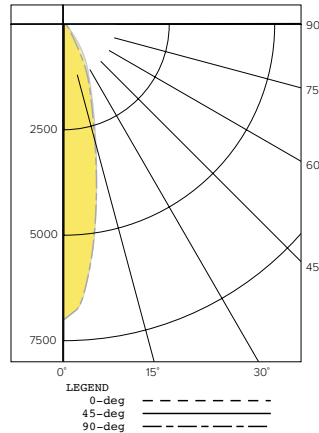
LUMINAIRE DATA

Test No.	19.00934
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

LTR-6SQD-H-ML20L-DM1 / LTR-6SQD-T-ML35K8NRS

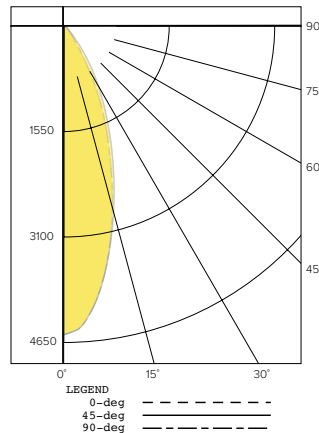
LUMINAIRE DATA

Test No.	P19.00935
Description	2000 lm, Narrow, 3500K, 80 CRI
Delivered Lumens	2252
Watts	22.8W
Efficacy	98.7
Mounting	Recessed
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

LTR-6SQD-H-ML20L-DM1 / LTR-6SQD-T-ML35K8MDS

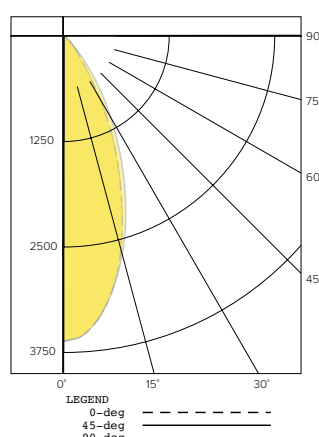
LUMINAIRE DATA

Test No.	P19.01046
Description	2000 lm, Medium, 3500K, 80 CRI
Delivered Lumens	2206
Watts	22.8W
Efficacy	96.8
Mounting	Recessed
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

PHOTOMETRY CONTINUED

LTR-6SQD-H-ML20L-DM1 / LTR-6SQD-T-ML35K8WDS

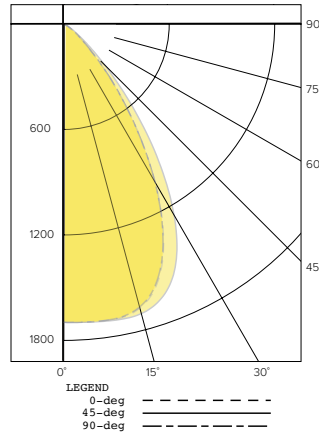
LUMINAIRE DATA

Test No.	P19.00936
Description	2000 lm, Wide, 3500K, 80 CRI
Delivered Lumens	2031
Watts	22.8W
Efficacy	89.0
Mounting	Recessed
Spacing Criterion	1.0
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

LTR-6SQD-H-ML20L-DM1 / LTR-6SQD-T-ML35K8XWS

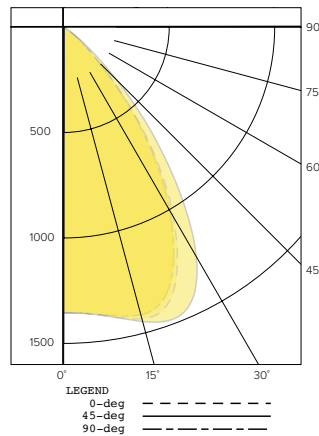
LUMINAIRE DATA

Test No.	P19.01047
Description	2000 lm, Extra Wide, 3500K, 80 CRI
Delivered Lumens	1975
Watts	22.7W
Efficacy	87.0
Mounting	Recessed
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.

REFLECTOR FINISH MULTIPLIER (Based on Clear (Standard) Color)

Option	Specular (S)	Semi-Specular (SS)	American Matte (MFC)	Softglow (VS)	Softsheen (VSS)
Multiplier	1	1	0.984	0.888	0.938

REFLECTOR COLOR MULTIPLIER (Based on Semi-Specular (SS) Finish)

Option	Clear (Standard)	Champagne Gold (CG)	Black (BL)	Light Wheat (LW)	Pewter (PW)	White Cone (WC)	Black Cone (BC)
Multiplier	1	0.974	0.444	0.861	0.915	0.984	0.442

Multiply FINISH x COLOR to calculate other reflector finish and color combinations. Example: SoftGlow Pewter (VSPW) = 0.888 (VS) x 0.915 (PW) = 0.813

LTR-6SQD

LITEISTRY 6" SQUARE DOWNLIGHT

DATE:

LOCATION:

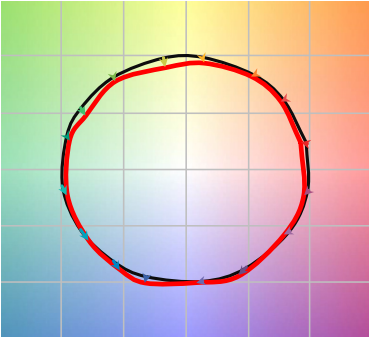
TYPE:

PROJECT:

CATALOG #:

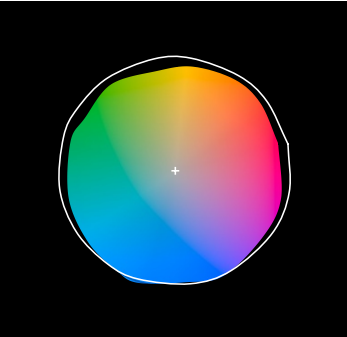
TM-30 DATA

COLOR VECTOR GRAPHIC
3500K, 90 CRI



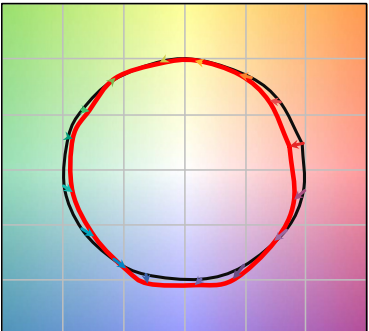
Reference Illuminant Test Source

COLOR DISTORTION GRAPHIC
3500K, 90 CRI



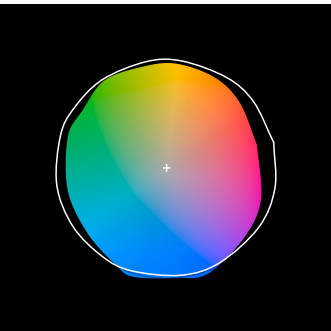
TEST RESULTS - 3500K		
Value	80+ CRI	90+ CRI
R _f	84	88
R _g	95	95
CCT (K)	3411	3419
D _{uv}	0.0015	0.0042
x	0.4120	0.4147
y	0.3974	0.4052
CIE R _a	84	93
CIE R _g	11	62

COLOR VECTOR GRAPHIC
3500K, 80 CRI



Reference Illuminant Test Source

COLOR DISTORTION GRAPHIC
3500K, 80 CRI



ELECTRICAL DATA

DRIVER DATA		
Input Voltage	120-277 V	347 V
Input Frequency	50/60 Hz	50/60 Hz
Power Factor	≥0.90	≥0.90
THD	<20%	<20%
EMI Filtering (FCC 47 CFR Part 15)	Class A	Class A

* Values for DM1 option shown, values for other dimming options may vary.

ADDITIONAL INFORMATION

Dimming Compatibility

For more details and recommended dimmer list, see Dimming Compatibility Information on currentlighting.com/prescolite.

DMX

See instruction sheet on currentlighting.com/prescolite for connection & installation information.

Central Inverters

For full fixture output in back-up mode, we recommend you visit currentlighting.com/dual-lite for your Central Lighting Inverter options. Please contact your local Current representative for any assistance with proper sizing and loading of your inverter selection. Central lighting inverters must be ordered separately.

Bezel Trim Accessories for Complex Environments

See installation instructions on currentlighting.com/prescolite for complete details.

Lumen Output in Emergency Mode

To determine the lumen output in emergency mode multiply the battery pack wattage by the fixture lumens per watt (LPW). For example, 7W x 120 LPW = 840 lumens in emergency mode.