

# LTR-4SQD

LITEISTRY 4" SQUARE DOWNLIGHT

DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_  
 TYPE: \_\_\_\_\_ PROJECT: \_\_\_\_\_  
 CATALOG #: \_\_\_\_\_

## FEATURES

- 4" architectural LED downlight delivering 600 – 4000 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 1/2" EMT conduit or 1 1/2" or 3/4" 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
- Suitable for wet locations, covered ceiling, EM/EMR: Suitable for damp locations
- 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

# LITEISTRY™



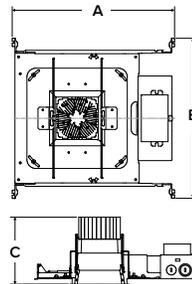
## SERVICE PROGRAMS

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)	4.83 (123)	7.7 (3.5)
20L - 30L	14.56 (370)	14.36 (365)	6.02 (153)	8.1 (3.7)
35L - 40L	14.56 (370)	14.36 (365)	7.2 (183)	8.6 (3.9)

See DIMENSIONS section for complete details



### CERTIFICATIONS (CONTINUED)

- 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	600–4000
Wattage Range	8–52
Efficacy Range (LPW)	89–99*
Reported Life (Hours)	L90 / >55,000
Input Current (mA)	67-433 (120V)

\*Based on Specular, 35K, 80 CRI

# LTR-4SQD

LITEISTRY 4" SQUARE DOWNLIGHT

Gray Shading = Service Program **tradeSELECT** **QS10**  
Limit of 150 Luminaires

## ORDERING GUIDE

Example: LTR-4SQD-H-SL10L-DM1-LTR-4SQD-T-SL35K8MD-SS

CATALOG #

### HOUSING

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

### TRIM

LTR-4SQD-T	Lumen Package		CCT	CRI	Distribution		Reflector Finish
<b>Aperture/Shape/Function</b>	<b>SL</b> Standard Lumen		<b>27K</b> 2700K	<b>8</b> 80+CRI	<b>VNR</b> Very Narrow (0.4 SC/23°) <sup>12</sup>		<i>Finish not applicable with painted reflectors (WC or BC)</i>
LTR-4SQD-T 4" Square Downlight Light Engine/Trim Assembly	<b>ML</b> Medium Lumen		<b>30K</b> 3000K	<b>9</b> 90+CRI	<b>NR</b> Narrow (0.6 SC/37°)		<b>S</b> Specular
	<b>HL</b> High Lumen		<b>35K</b> 3500K		<b>MD</b> Medium (0.8 SC/46°)		<b>SS</b> Semi-Specular
			<b>40K</b> 4000K		<b>WD</b> Wide (1.0 SC/60°)		<b>VS</b> Softglow®
			<b>50K</b> 5000K <sup>2</sup>		<b>XW</b> Extra Wide (1.2 SC/69°)		

### TRIM CONTINUED

Reflector Color	Flange Color Options		Lower Trim Options		Reflector Options	
<i>Standard Clear</i>	<i>Standard matches reflector color</i>		<b>EM</b>	Pre-punched Reflector for Integral Switch	<b>AM</b> Antimicrobial Coating <sup>6</sup>	
<b>CG</b> Champagne Gold	<b>WT</b> White Flange <sup>5</sup>		<b>FM</b> Flush Mount Mud-in Ring <sup>7</sup>		<b>BAA</b> Buy American Act (FAR 52.225-9) Compliant	
<b>BL</b> Black	<b>BT</b> Black Flange <sup>5</sup>				<b>TAA</b> Trade Agreements Act (FAR 52.225-11) Compliant	
<b>LW</b> Light Wheat						
<b>PW</b> Pewter						
<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
- FMR4-SQ** Flush Mount Flange Mud-In Ring, 4" Square
- LiteGear** LiteGear® Inverter, 125VA-250VA
- LPS Series** LightPower Micro-Inverter, 20VA-55VA
- MOR4-SQ-WH** Metal Oversized Ring, 4" Square, White (8.25" outer dimension)
- MOR4-SQ-BL** Metal Oversized Ring, 4" Square, Black (8.25" outer dimension)

(See next page for Bezel Trim Accessories for Complex Environments)<sup>13</sup>

### Notes:

- 1 Housing options (except Fuse, BAA/TAA) not available in combination.
- 2 5000K available in 80+ CRI only.
- 3 EDM available in 10L-35L. DMX not available on 40L.
- 4 NX requires DM1 driver option.
- 5 WT not needed for WC, BT not needed for BC.
- 6 AM available with WC or Specular Clear (S or SWT). Consult factory for other colors.
- 7 Flush Mount Flange (FM) requires FMR accessory (sold separately).
- 8 347V requires DM1 driver; not available with Controls or EM.
- 9 CP available up to 35L; not available with DMX, Controls, or EMR options.
- 10 IC available up to 20L; not available with Control options.
- 11 DTS available with DM1, DM01, DALI, or DM00. Not available with NXE.
- 12 VNR available up to 30L.
- 13 See next page for option restrictions when using with bezel trim accessories.
- 14 Not available with NXE.

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## 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-4SQD-CE-WT Bezel Trim Accessory, IP66/IP69K, 4" Square, White
- LTR-4SQD-CE-WTAM Bezel Trim Accessory, IP66/IP69K, 4" Square, White Antimicrobial

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

- LTR-4SQD-CEVR-WT Bezel Trim Accessory, Vandal Resistant/IP66/IP69K, 4" Square, White
- LTR-4SQD-CEVR-WTAM Bezel Trim Accessory, Vandal Resistant/IP66/IP69K, 4" Square, White Antimicrobial

Dimensional Data	
Aperture Opening	□ 4.00" (101.6 mm)
Overall Flange	□ 7.68" (195.1 mm)
Trim Height	0.42" (10.7 mm)
Ceiling Cutout	□ 6.50" (165.1 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	✓	✓	✓	-	-	✓	✓	✓ <sup>1</sup>		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-4SQD

LITEISTRY 4" SQUARE DOWNLIGHT

## 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		
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. <sup>1</sup>	✓	✓	-	-	-	✓	✓	-	 A-WN-D01-RF-WH

<sup>1</sup> 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	705	8.2	86
		Narrow	796	7.8	102
		Medium	764	7.8	98
		Wide	678	7.8	87
		Extra Wide	643	7.8	82
10L	1000	Very Narrow	1158	12.5	92
		Narrow	1273	12.0	106
		Medium	1222	12.0	102
		Wide	1085	12.0	90
		Extra Wide	1028	12.0	86
15L	1500	Very Narrow	1663	18.0	92
		Narrow	1821	18.6	98
		Medium	1748	18.6	94
		Wide	1552	18.6	83
		Extra Wide	1471	18.6	79
20L	2000	Very Narrow	2090	23.3	90
		Narrow	2237	22.7	99
		Medium	2209	22.7	97
		Wide	2081	22.7	92
		Extra Wide	2026	22.7	89
25L	2500	Very Narrow	2520	29.6	85
		Narrow	3029	27.8	109
		Medium	2907	27.8	105
		Wide	2580	27.8	93
		Extra Wide	2446	27.8	88
30L	3000	Very Narrow	2944	37.0	80
		Narrow	3636	34.6	105
		Medium	3490	34.6	101
		Wide	3097	34.6	90
		Extra Wide	2936	34.6	85

# LTR-4SQD

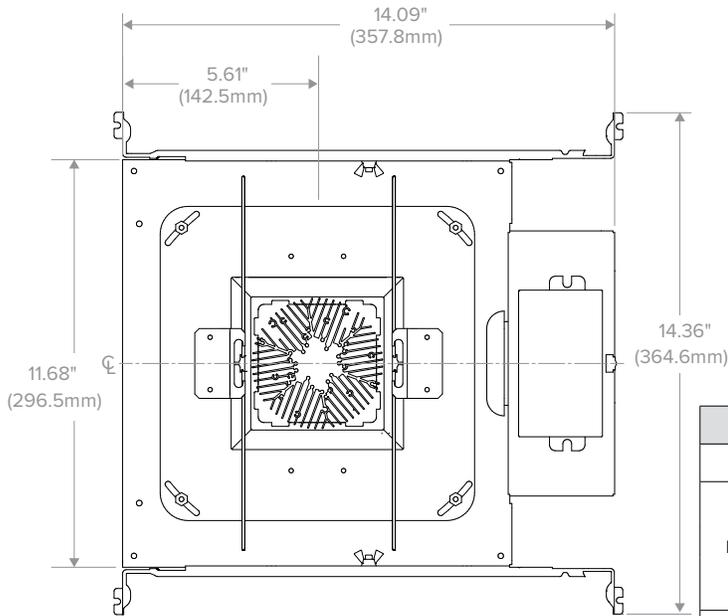
LITEISTRY 4" SQUARE DOWNLIGHT

## PERFORMANCE DATA TABLE CONTINUED

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

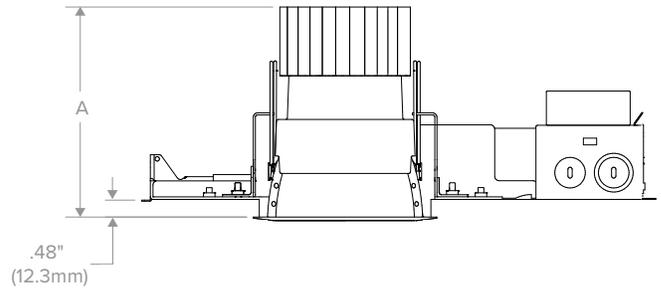
Lumen Package	Nominal Lumens	Distribution	Delivered Lumens	Watts	LPW
35L	3500	Narrow	4343	42.9	101
		Medium	4169	42.9	97
		Wide	3700	42.9	86
		Extra Wide	3507	42.9	82
40L	4000	Narrow	4957	51.5	96
		Medium	4758	51.5	92
		Wide	4222	51.5	82
		Extra Wide	4003	51.5	78

## DIMENSIONS



Top View

LTR-4SQD-H New Construction



Dimensional Data			Lumen Package	"A"
Aperture		4.00" (101.6mm) SQ		
Flange	Standard	5.25" (133.4mm) SQ	06L-15L	4.83" (122.7mm)
	Flush Mount	4.69" (119.1mm) SQ	20L-30L	6.02" (152.9mm)
	With Bezel Trim Accessory**	7.67" (194.8 mm)	35L-40L	7.20" (182.9mm)
Ceiling Cutout	Standard	5.00" (127.0mm) SQ		
	Flush Mount	5.00" (127.0mm) SQ		
	With Bezel Trim Accessory**	6.50" (165.1 mm)		
Ceiling Thickness	Standard	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](http://currentlighting.com/prescolite).

# LTR-4SQD

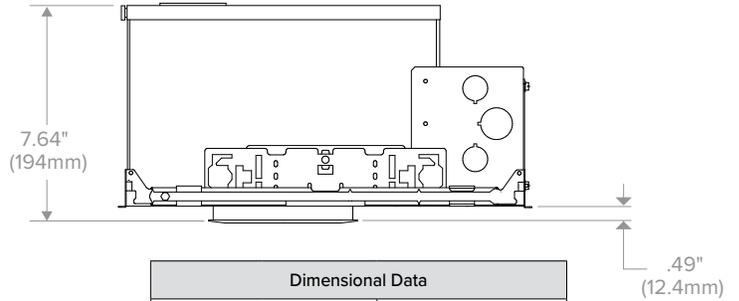
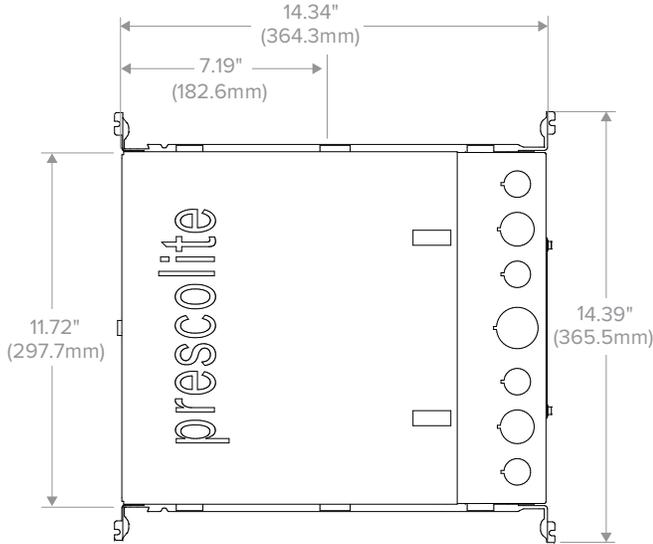
LITEISTRY 4" SQUARE DOWNLIGHT

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

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## DIMENSIONS CONTINUED



Dimensional Data		
Aperture		4.00" (101.6mm) SQ
Flange	Standard	5.25" (133.4mm) SQ
	Flush Mount	4.69" (119.1mm) SQ
Ceiling Cutout	Standard	5.00" (127.0mm) SQ
	Flush Mount	5.00" (127.0mm) SQ
Ceiling Thickness		0.50" to 1.25" (12.7mm to 31.8mm)

LTR-4SQD-H IC/CP

## PHOTOMETRY

### LTR-4SQD-H-ML20L-DM1 / LTR-4SQD-T-ML35K8VNR-S

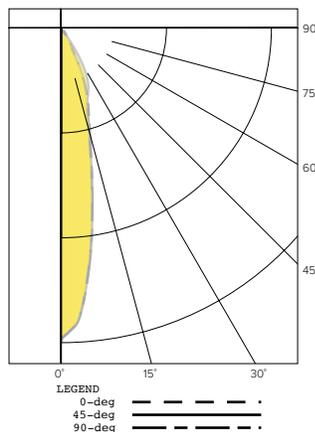
#### LUMINAIRE DATA

Test No.	20.01214
Description	2000 lm, Very Narrow, 3500K, 80 CRI
Delivered Lumens	2090
Watts	23.3W
Efficacy	90
Mounting	Recessed
Spacing Criterion	0.4
Beam Angle (FWHM)	23

#### ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-40	1994	95.4
0-60	2083	99.6
0-90	2090	100.0
0-180	2090	100.0

#### POLAR GRAPH



#### CANDELA DISTRIBUTION

Degree	Candela - 0	Candela - 45	Candela - 90
0	6726	6726	6726
5	5842	5834	5819
15	2473	2412	2440
25	1158	1490	1150
35	199	626	199
45	110	133	110
55	17	21	17
65	5	5	4
75	2	2	2
85	0	0	0
90	0	0	0

# LTR-4SQD

LITEISTRY 4" SQUARE DOWNLIGHT

## PHOTOMETRY CONTINUED

### LTR-4SQD-H-ML20L-DM1 / LTR-4SQD-T-ML35K8NRS

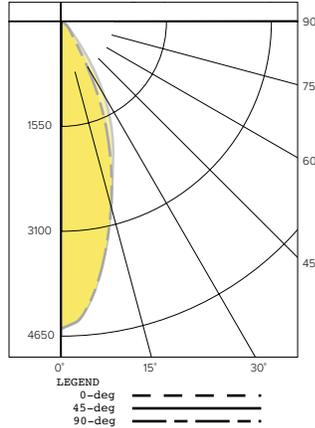
#### LUMINAIRE DATA

Test No.	<b>P19.00949</b>
Description	<b>2000 lm, Narrow, 3500K, 80 CRI</b>
Delivered Lumens	<b>2237</b>
Watts	<b>22.7W</b>
Efficacy	<b>98.7</b>
Mounting	<b>Recessed</b>
Spacing Criterion	<b>0.6</b>
Beam Angle (FWHM)	<b>37</b>

#### ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-40	2103	94.0
0-60	2227	99.6
0-90	2237	100.0
0-180	2237	100.0

#### POLAR GRAPH



#### CANDELA DISTRIBUTION

Degree	Candela - 0	Candela - 45	Candela - 90
0	4527	4527	4527
5	4233	4235	4231
15	2801	2791	2788
25	1321	1711	1318
35	282	655	283
45	110	133	110
55	23	30	24
65	5	6	5
75	2	2	2
85	1	1	1
90	0	0	0

### LTR-4SQD-H-ML20L-DM1 / LTR-4SQD-T-ML35K8MDS

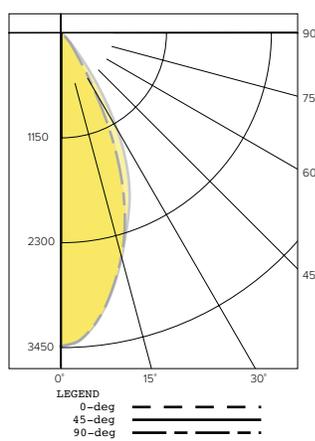
#### LUMINAIRE DATA

Test No.	<b>P19.00950</b>
Description	<b>2000 lm, Medium, 3500K, 80 CRI</b>
Delivered Lumens	<b>2209</b>
Watts	<b>22.7W</b>
Efficacy	<b>97.4</b>
Mounting	<b>Recessed</b>
Spacing Criterion	<b>0.7</b>
Beam Angle (FWHM)	<b>46</b>

#### ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-40	2056	93.1
0-60	2199	99.6
0-90	2209	100.0
0-180	2209	100.0

#### POLAR GRAPH



#### CANDELA DISTRIBUTION

Degree	Candela - 0	Candela - 45	Candela - 90
0	3435	3435	3435
5	3305	3309	3307
15	2550	2565	2556
25	1414	1761	1424
35	365	739	371
45	123	155	124
55	26	34	26
65	6	6	5
75	2	3	2
85	1	1	1
90	0	0	0

### LTR-4SQD-H-ML20L-DM1 / LTR-4SQD-T-ML35K8WDS

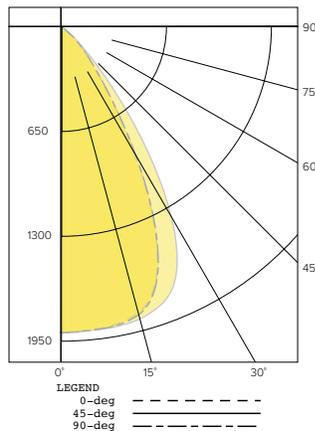
#### LUMINAIRE DATA

Test No.	<b>P19.01045</b>
Description	<b>2000 lm, Wide, 3500K, 80 CRI</b>
Delivered Lumens	<b>2081</b>
Watts	<b>22.7W</b>
Efficacy	<b>91.8</b>
Mounting	<b>Recessed</b>
Spacing Criterion	<b>1.0</b>
Beam Angle (FWHM)	<b>60</b>

#### ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-40	1846	96.3
0-60	2068	99.8
0-90	2081	100.0
0-180	2081	100.0

#### POLAR GRAPH



#### CANDELA DISTRIBUTION

Degree	Candela - 0	Candela - 45	Candela - 90
0	1906	1906	1906
5	1897	1902	1900
15	1850	1887	1861
25	1392	1702	1403
35	549	939	558
45	190	257	192
55	38	52	39
65	7	8	7
75	3	3	3
85	1	1	1
90	0	0	0

# LTR-4SQD

LITEISTRY 4" SQUARE DOWNLIGHT

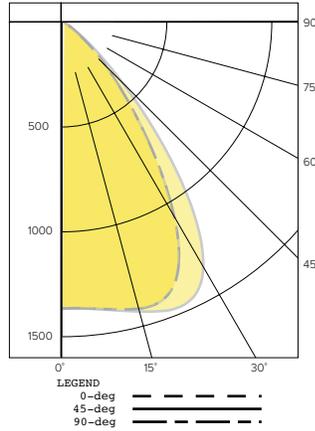
## PHOTOMETRY CONTINUED

### LTR-4SQD-H-ML20L-DM1 / LTR-4SQD-T-ML35K8XWS

#### LUMINAIRE DATA

Test No.	P19.00952
Description	2000 lm, Extra Wide, 3500K, 80 CRI
Delivered Lumens	2026
Watts	22.7W
Efficacy	89.2
Mounting	Recessed
Spacing Criterion	1.2
Beam Angle (FWHM)	69

#### POLAR GRAPH



#### CANDELA DISTRIBUTION

Degree	Candela - 0	Candela - 45	Candela - 90
0	1368	1368	1368
5	1373	1375	1373
15	1418	1432	1417
25	1304	1458	1301
35	741	1064	738
45	271	376	271
55	48	73	49
65	8	9	8
75	3	3	3
85	1	1	1
90	0	0	0

#### ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-40	1699	83.9
0-60	2012	99.3
0-90	2026	100.0
0-180	2026	100.0

#### 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

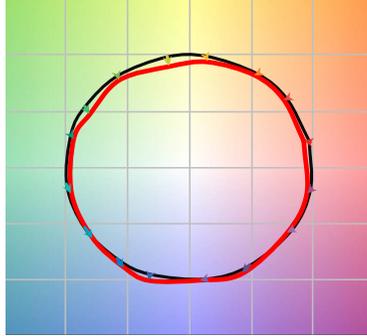
Multiply FINISH x COLOR to calculate other reflector finish and color combinations. Example: SoftGlow Pewter (VSPW) = 0.888 (VS) x 0.915 (PW) = 0.813

# LTR-4SQD

LITEISTRY 4" SQUARE DOWNLIGHT

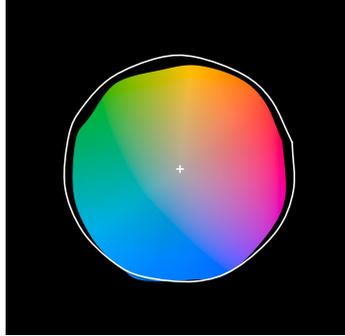
## TM-30 DATA

COLOR VECTOR GRAPHIC  
3500K, 90 CRI



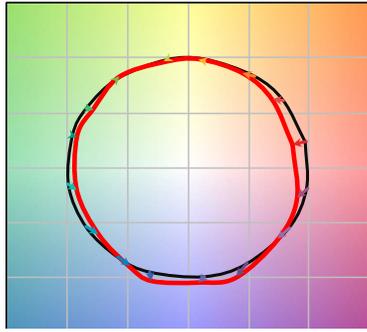
— Reference Illuminant — Test Source

COLOR DISTORTION GRAPHIC  
3500K, 90 CRI



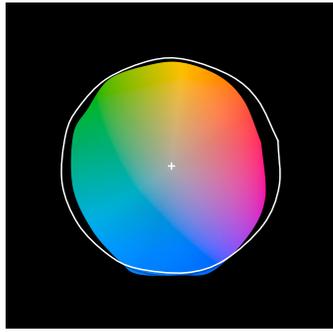
TEST RESULTS - 3500K		
Value	80+ CRI	90+ CRI
$R_t$	84	88
$R_g$	95	95
CCT (K)	3411	3419
$D_{uv}$	0.0015	0.0042
x	0.4120	0.4147
y	0.3974	0.4052
CIE $R_a$	84	93
CIE $R_g$	11	62

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](http://currentlighting.com/prescolite).

### DMX

See instruction sheet on [currentlighting.com/prescolite](http://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](http://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](http://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.