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DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

# LTR-6RD SpectraSync

LITEISTRY 6" ROUND DOWNLIGHT WITH COLOR TUNING

LITEISTRY



## FEATURES

- 6" architectural LED downlight delivering 600 – 3000 lm
- Four beam distributions from 0.3 to 1.1 Spacing Criteria
- Quiet reflector appearance with superior 50° optical cutoff
- SpectraSync™ Color Tuning technology allows the flexibility to tailor CCT to aesthetic preferences
- Available in Dim to Warm (2200K-3000K) or Tunable White (2700K-5000K or 2700K-6500K), 90+ CRI
- Available for New Construction (non-IC), IC and Chicago Plenum applications
- Standard with 0-10V dimming to 5%
- NX Lighting Controls wired and wireless controls capability available

WET LOCATION

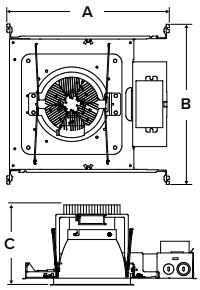
C SA US

BAA (-BAA Option)

TAA (-TAA Option)

IP66** IK10** IP69K**

**Select models




| 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) | 5.9 (150) | 7.8 (3.5) |
| 20L - 30L | 14.56 (370) | 14.36 (365) | 6.68 (170) | 8.2 (3.7) |

See DIMENSIONS section for complete details

## CONTROLS TECHNOLOGY

NX WIRELESS NX WIRED SpectraSync Color Tuning Technology

## SPECIFICATIONS

### CONSTRUCTION

- 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 spun 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

- LED array with 3 SDCM color consistency
- Dim to Warm (2200K-3000K) or Tunable White (2700K-5000K or 2700K-6500K) options available
- 90+ CRI standard

### ELECTRICAL (CONTINUED)

- Long LED life: L70 at >60,000 hours (TM-21)
- Universal voltage 120V–277V driver
- UL Class 2, inherent short circuit and overload protection
- Flicker free 0–10V dimming to 5%
- NX Lighting Controls provides options for standalone and networked functionality with wired or wireless connectivity for NX system deployments
- Emergency Battery Pack option available with remote test switch an indicator light
- Integral and remote controller and battery pack options available
- Refer to additional spec sheets for information on standard LITEISTRY solutions

### INSTALLATION

- Accommodates ceiling thickness up to 2" (See DIMENSIONS section for details)
- Universal adjustable mounting brackets also accept ½" EMT conduit or 1 ½" or ¾" lathing channel (by others) or Prescolite accessory bar hangers (B24 or B6)
- Light Engine and driver 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

### 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 | 600-3000 |
| Wattage Range | 10-49 |
| Efficacy Range (LPW) | 49-60* |
| Reported Life (Hours) | L70 / >60,000 |
| Input Current (mA) | 83-408 (120V) |

*Based on Specular, 30K, 90 CRI



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# LTR-6RD SpectraSync

LITEISTRY 6" ROUND DOWNLIGHT WITH COLOR TUNING

## ORDERING GUIDE

**Example:** LTR–6RD–H–SL10L–DMTW–LTR–6RD–T–SL2230TD9MD–S

CATALOG #

### HOUSING

LTR-6RD-H –

| Aperture/Shape/Function | | Lumen Package | | Lumen Output | | Driver Options | | Control Options | | Voltage | Housing Options | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LTR-6RD-H | 6" Round Downlight New Construction Housing | SL | Standard Lumen | 06L | 600 | DMTW | SpectraSync™ Dim to Warm, 0-10V Dimming to 5% [1] | NX Lighting Controls | | *Standard 120-277V* | CP | Chicago Plenum [6, 7, 8] |
| | | | | 10L | 1000 | | | Networked Wireless | | | IC | IC rated [6, 7, 8] |
| | | ML | Medium Lumen | 15L | 1500 | | | NXW | NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor | | EM | 7W Emergency Battery Pack (CEC Title 20 Compliant) with integral test switch and indicator light [6, 8] |
| | | | | 20L | 2000 | DMT | SpectraSync™ Tunable White, 0-10V Dimming to 5% [2] | | | | EMR | 7W Emergency Battery Pack (CEC Title 20 Compliant) with remote test switch and indicator light [6, 8] |
| | | HL | High Lumen | 25L | 2500 | | | Networked Wired | | | F | Fuse [6] |
| | | | | 30L | 3000 | | | NXE | NX Wired Dual RJ45 SmartPORTS, without Sensor | | BAA | Buy American Act (FAR 52.225-9) Compliant |
| | | | | | | | | | | | TAA | Trade Agreements Act (FAR 52.225-11) Compliant |

### TRIM

LTR-6RD-T –

| Aperture/Shape/Function | | Lumen Package | | CCT | | CRI | | Distribution | |
|---|---|---|---|---|---|---|---|---|---|
| LTR-6RD-T | 6" Round Downlight Light Engine/Trim Assembly | SL | Standard Lumen | 2230TD | 2200K-3000K SpectraSync™ Dim to Warm | 9 | 90+CRI | NR | Narrow (0.3 SC/18°) |
| | | ML | Medium Lumen | 2750T | 2700K-5000K SpectraSync ™ Tunable White | | | MD | Medium (0.6 SC/37°) |
| | | HL | High Lumen | 2765T | 2700K-6500K SpectraSync™ Tunable White | | | WD | Wide (0.9 SC/59°) |
| | | | | | | | | XW | Extra Wide (1.1 SC/76°) |

### TRIM CONTINUED

–

| Reflector Finish | | Reflector Color | | Flange Color Options | | Lower Trim Options | | Reflector Options | |
|---|---|---|---|---|---|---|---|---|---|
| *Finish not applicable with painted reflectors (WC or BC)* | | *Standard Clear* | | *Standard matches reflector color* | | EM | Pre-punched reflector for EM integral test switch and indicator | AM | Antimicrobial Coating [4] |
| S | Specular | CG | Champagne Gold | WT | White Flange [3] | FM | Flush Mount Mud-in Ring [5] | BAA | Buy American Act (FAR 52.225-9) Compliant |
| SS | Semi-Specular | BL | Black | BT | Black Flange [3] | | | TAA | Trade Agreements Act (FAR 52.225-11) Compliant |
| MFC | American Matte™ | LW | Light Wheat | | | | | | |
| VS | Softglow® | PW | Pewter | | | | | | |
| VSS | SoftSheen™ | 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-R** | Flush Mount Mud-In Ring, 6" Round |
| ☐ **LiteGear** | LiteGear® Inverter, 125VA-250VA |
| ☐ **LPS Series** | LightPower Micro-Inverter, 20VA-55VA |
| ☐ **MOR6-R-WH** | Metal Oversized Ring, 6" Round, White (10" outside diameter) |
| ☐ **MOR6-R-BL** | Metal Oversized Ring, 6" Round, Black (10" outside diameter) |
| ☐ **LTR-SCA6-__** | Sloped Ceiling Adapter, 6", White [9] |

(See next page for Bezel Trim Accessories for Complex Environments) [10]

Notes:

1 Must select 2230TD with DMTW driver.
2 Must select either 2750T or 2765T with DMT driver.
3 WT not needed for WC, BT not needed for BC.
4 AM available with WC or Specular Clear (S or SWT). Consult factory for other colors.
5 Flush Mount Flange (FM) requires FMR accessory (sold separately).
6 Housing options (except Fuse, BAA/TAA) not available in combination.
7 IC, CP available in 06L.
8 Not available with Control options.
9 Specify slope angle 5°-35° in 5° increments. Not available with EM or FM options.
10 See next page for option restrictions when using with bezel trim accessories.



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LITEISTRY 6" ROUND DOWNLIGHT WITH COLOR TUNING

## ACCESSORIES CONTINUED

### Bezel Trim Accessories [1,2,3,4]

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



WET LOCATION | IP66 | IK10 | IP69K

**Complex Environment (Includes stainless steel Philips head screws)**

| | |
|---|---|
| ☐ **LTR-6RD-CE-WT** | Bezel Trim Accessory, IP66/IP69K, 6" Round, White |
| ☐ **LTR-6RD-CE-WTAM** | Bezel Trim Accessory, IP66/IP69K, 6" Round, White Antimicrobial |

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

| | |
|---|---|
| ☐ **LTR-6RD-CEVR-WT** | Bezel Trim Accessory, Vandal Resistant/IP66/IP69K, 6" Round, White |
| ☐ **LTR-6RD-CEVR-WTAM** | Bezel Trim Accessory, Vandal Resistant/IP66/IP69K, 6" Round, White Antimicrobial |

| Dimensional Data | |
|---|---|
| **Aperture Opening** | Ø 5.75" (146.1 mm) |
| **Overall Flange** | Ø 9.42" (293.3 mm) |
| **Trim Height** | 0.42" (10.7 mm) |
| **Ceiling Cutout** | Ø 8.25" (209.6 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 or FM 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



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# LTR-6RD SpectraSync

LITEISTRY 6" ROUND DOWNLIGHT WITH COLOR TUNING

## SPECTRASYNC™ COLOR TUNING TECHNOLOGY

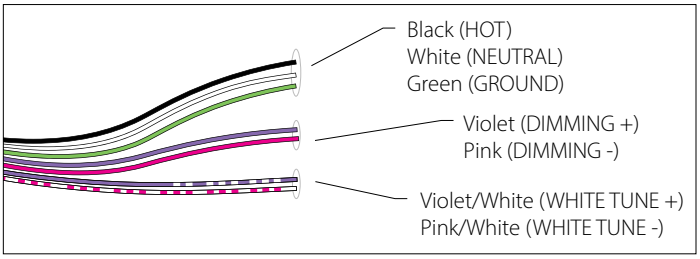
Control your space based on the needs of the application, specific activities throughout the day and preferences of the occupants with distinct SpectraSync™ Color Tuning Technologies.

SpectraSync™ Color Tuning Technology

| SPECTRASYNC COLOR TUNING TECHNOLOGY | | |
|---|---|---|
| Mode | Kelvin Range | Description |
| Dim to Warm | 2200K-3000K | Mimics the familiar warming effect that occurs with traditional incandescent sources as they are dimmed |
| Tunable White | 2700K-5000K<br>2700K-6500K | Offers users the ability to tailor CCT to their personal preference, enhancing task visibility, material and colors or the aesthetics of the space |
| Scheduled White | 2700K-5000K<br>2700K-6500K | Mimics the rhythm of natural light or follows an alternative user-defined schedule throughout the day, enhancing an occupant's mood and well-being |

### SpectraSync Tunable White

Available in two options: 2750T (2700K–5000K) or 2765T (2700K–6500K).
Requires two 0–10V controllers, one for intensity and one for CCT.
Minimum 5% dimming.

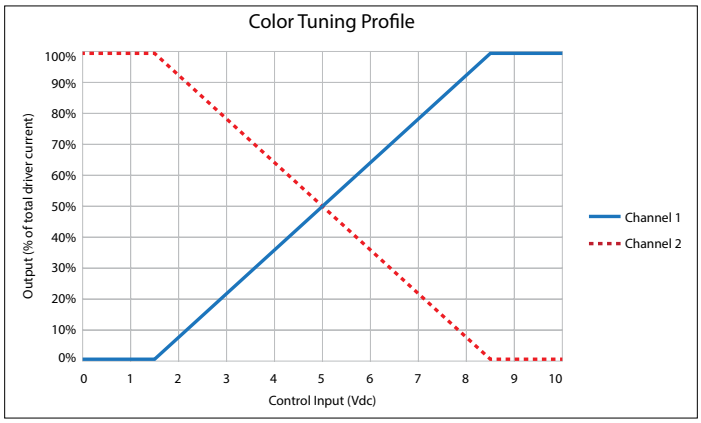



SpectraSync Tunable White luminaires are provided with two 0–10V circuits. The violet and pink circuit is for wiring to any qualified 0–10V controller for dimming. The violet/white and pink/white circuit is for wiring to any qualified 0–10V controller for Tunable White CCT control.

### Controller Manufacturer Data

SpectraSync Tunable White was designed to be used with sinking style dimmers (provided by others) and is compatible with:

- Current: NX Lighting Controls Room Controllers (NXRC) and In-fixture Controllers (NXFM)
- Lutron: DVTV, DVSTV, and NFTV dimmers
- Wattstopper: ADF120277 and CD4BL (Titan) dimmers




To enable scheduling and for use with NX wall control preset stations please refer to SpectraSync technical sheet.



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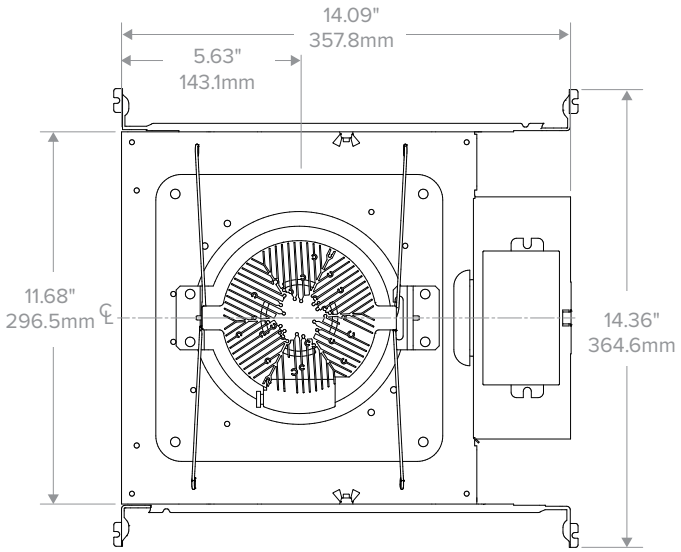
## DIMENSIONS

| Lumen Package | "A" |
|---|---|
| 06L-10L | 5.90" (149.9mm) |
| 15L-20L | 7.86" (199.6mm) |
| 25L-30L | 9.04" (229.6mm) |

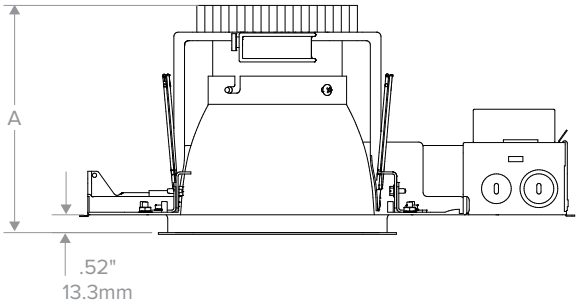
| Dimensional Data | | |
|---|---|---|
| Aperture | | 5.75" (146.1mm) |
| Flange: | Standard | 7.00" (177.8mm) |
| | Flush Mount | 6.54" (166.0mm) |
| | With Bezel Trim Accessory** | Ø 9.42" (293.3 mm) |
| Ceiling Cutout: | Standard | 6.50" (165.1mm) |
| | Flush Mount | 6.75" (171.5mm) |
| | With Bezel Trim Accessory** | Ø 8.25" (209.6 mm) |
| Ceiling Thickness: | Standard or w/SCA 5-20° slope | 0.50" to 2.00" (12.7mm to 50.8mm) |
| | With SCA 25-35° slope | 0.50" to 1.75" (12.7mm to 44.6mm) |
| | With Bezel Trim Accessory** | 0.50" to 2.00"( 12.7 mm to 50.8 mm) |

SCA Sloped Ceiling Adapter accessory available, see LTR-SCA specification sheet and installation instructions for dimensional data and other details.

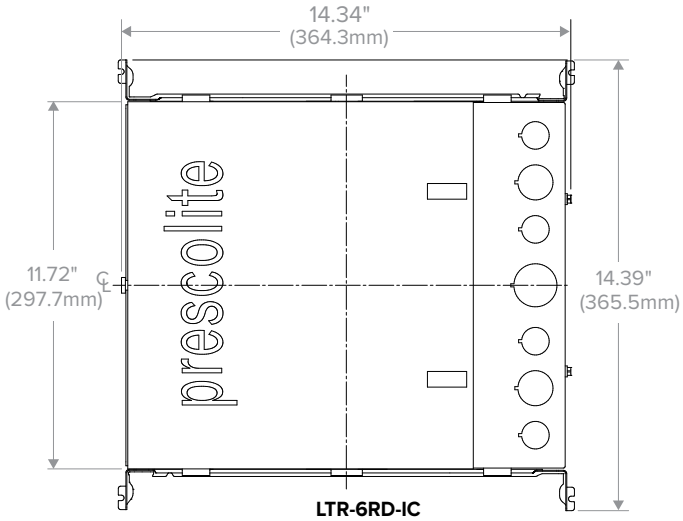
** For complete details on Bezel Trim Accessories, see Accessory section on Page 3 and Bezel Trim Installation Instructions on currentlighting.com/prescolite.



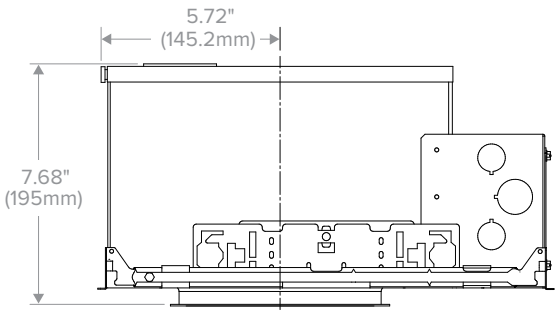

Top View




**LTR-6RD-H New Construction**




**LTR-6RD-IC**




| Dimensional Data | | |
|---|---|---|
| Aperture | | 5.75" (146.1mm) |
| Flange: | Standard | 7.00" (177.8mm) |
| | Flush Mount | 6.54" (166.0mm) |
| Ceiling Cutout: | Standard | 6.50" (165.1mm) |
| | Flush Mount | 6.75" (171.5mm) |
| Ceiling Thickness: | Standard or w/SCA 5-20° slope | 0.50" to 2.00" (12.7mm to 50.8mm) |
| | With SCA 25-35° slope | 0.50" to 1.75" (12.7mm to 44.6mm) |

SCA Sloped Ceiling Adapter accessory available, see LTR-SCA specification sheet and installation instructions for dimensional data and other details.




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LITEISTRY 6" ROUND DOWNLIGHT WITH COLOR TUNING

## PHOTOMETRY

### LTR-6RD-H-ML20L-DMT / LTR-6RD-T-ML2765T9NRS

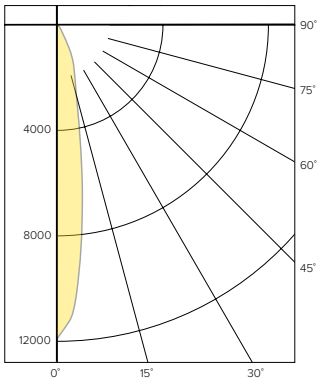
#### LUMINAIRE DATA

| | |
|---|---|
| Test No. | **R19.02201-C01** |
| Description | **2000 lm, Narrow, 3000K, 90 CRI** |
| Delivered Lumens | **2146** |
| Watts | **35.2W** |
| Efficacy | **61.0** |
| Mounting | **Recessed** |
| Spacing Criterion | **0.4** |
| Beam Angle (FWHM) | **18** |

#### ZONAL LUMEN SUMMARY

| Zone | Lumens | % Luminaire |
|---|---|---|
| 0-40 | 2083 | 97.1 |
| 0-60 | 2146 | 100.0 |
| 0-90 | 2146 | 100.0 |
| 0-180 | 2146 | 100.0 |

#### POLAR GRAPH




#### CANDELA DISTRIBUTION

| Degree | Candela |
|---|---|
| 0 | 7976 |
| 5 | 6898 |
| 15 | 2784 |
| 25 | 1179 |
| 35 | 263 |
| 45 | 72 |
| 55 | 0 |
| 65 | 0 |
| 75 | 0 |
| 85 | 0 |
| 90 | 0 |

#### LUMINANCE DATA*

| Vertical Angle | Average |
|---|---|
| 45° | 6072 |
| 55° | 0 |
| 65° | 0 |
| 75° | 0 |
| 85° | 0 |

*Candela/Square Meter

### LTR-6RD-H-ML20L-DMT / LTR-6RD-T-ML2765T9MDS

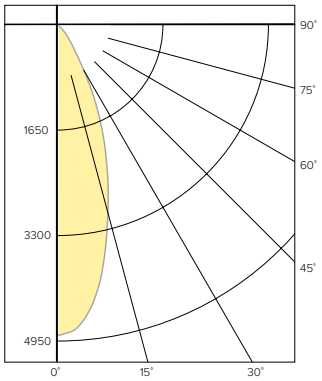
#### LUMINAIRE DATA

| | |
|---|---|
| Test No. | **R19.02200-C01** |
| Description | **2000 lm, Medium, 3000K, 90 CRI** |
| Delivered Lumens | **2077** |
| Watts | **35.4W** |
| Efficacy | **59.0** |
| Mounting | **Recessed** |
| Spacing Criterion | **0.6** |
| Beam Angle (FWHM) | **37** |

#### ZONAL LUMEN SUMMARY

| Zone | Lumens | % Luminaire |
|---|---|---|
| 0-40 | 1992 | 95.9 |
| 0-60 | 2074 | 99.9 |
| 0-90 | 2077 | 100.0 |
| 0-180 | 2077 | 100.0 |

#### POLAR GRAPH




#### CANDELA DISTRIBUTION

| Degree | Candela |
|---|---|
| 0 | 4221 |
| 5 | 4036 |
| 15 | 2741 |
| 25 | 1362 |
| 35 | 369 |
| 45 | 91 |
| 55 | 6 |
| 65 | 2 |
| 75 | 1 |
| 85 | 0 |
| 90 | 0 |

#### LUMINANCE DATA*

| Vertical Angle | Average |
|---|---|
| 45° | 7675 |
| 55° | 624 |
| 65° | 282 |
| 75° | 230 |
| 85° | 0 |

*Candela/Square Meter

### LTR-6RD-H-ML20L-DMT / LTR-6RD-T-ML2765T9WDS

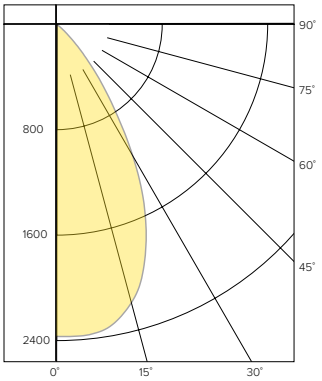
#### LUMINAIRE DATA

| | |
|---|---|
| Test No. | **R19.02199-C01** |
| Description | **2000 lm, Wide, 3000K, 90 CRI** |
| Delivered Lumens | **1989** |
| Watts | **35.3W** |
| Efficacy | **56.0** |
| Mounting | **Recessed** |
| Spacing Criterion | **0.9** |
| Beam Angle (FWHM) | **59** |

#### ZONAL LUMEN SUMMARY

| Zone | Lumens | % Luminaire |
|---|---|---|
| 0-40 | 1833 | 92.1 |
| 0-60 | 1985 | 99.8 |
| 0-90 | 1989 | 100.0 |
| 0-180 | 1989 | 100.0 |

#### POLAR GRAPH




#### CANDELA DISTRIBUTION

| Degree | Candela |
|---|---|
| 0 | 2069 |
| 5 | 2080 |
| 15 | 1973 |
| 25 | 1454 |
| 35 | 677 |
| 45 | 168 |
| 55 | 10 |
| 65 | 3 |
| 75 | 1 |
| 85 | 0 |
| 90 | 0 |

#### LUMINANCE DATA*

| Vertical Angle | Average |
|---|---|
| 45° | 14168 |
| 55° | 1040 |
| 65° | 423 |
| 75° | 230 |
| 85° | 0 |

*Candela/Square Meter



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# LTR-6RD SpectraSync

LITEISTRY 6" ROUND DOWNLIGHT WITH COLOR TUNING

## PHOTOMETRY CONTINUED

### LTR-6RD-H-ML20L-DMT / LTR-6RD-T-ML2765T9XWS

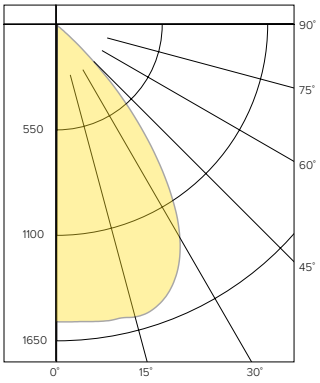
#### LUMINAIRE DATA

| | |
|---|---|
| Test No. | **R19.00586-20** |
| Description | **2000 lm, Extra Wide, 3000K, 90 CRI** |
| Delivered Lumens | **1951** |
| Watts | **35.3W** |
| Efficacy | **55.0** |
| Mounting | **Recessed** |
| Spacing Criterion | **1.1** |
| Beam Angle (FWHM) | **76** |

#### ZONAL LUMEN SUMMARY

| Zone | Lumens | % Luminaire |
|---|---|---|
| 0-40 | 1711 | 87.7 |
| 0-60 | 1946 | 99.8 |
| 0-90 | 1951 | 100.0 |
| 0-180 | 1951 | 100.0 |

#### POLAR GRAPH




#### CANDELA DISTRIBUTION

| Degree | Candela |
|---|---|
| 0 | 1411 |
| 5 | 1416 |
| 15 | 1437 |
| 25 | 1333 |
| 35 | 919 |
| 45 | 275 |
| 55 | 8 |
| 65 | 3 |
| 75 | 1 |
| 85 | 0 |
| 90 | 0 |

#### LUMINANCE DATA*

| Vertical Angle | Average |
|---|---|
| 45° | 23154 |
| 55° | 853 |
| 65° | 386 |
| 75° | 210 |
| 85° | 0 |

*Candela/Square Meter



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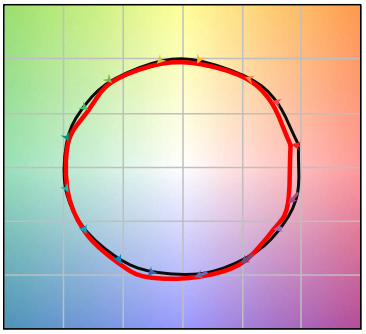
# LTR-6RD SpectraSync

LITEISTRY 6" ROUND DOWNLIGHT WITH COLOR TUNING

## TM-30 DATA

### SPECTRASYNC™ TUNABLE WHITE (2765T)

#### COLOR VECTOR GRAPHIC 2700K, 90+ CRI

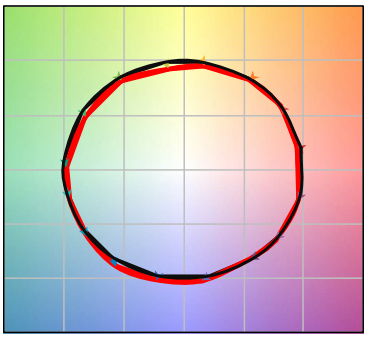


Reference Illuminant — Test Source

#### COLOR DISTORTION GRAPHIC 2700K, 90+ CRI



#### COLOR VECTOR GRAPHIC 4600K, 90+ CRI

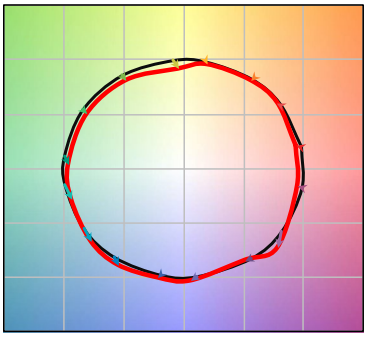


Reference Illuminant — Test Source

#### COLOR DISTORTION GRAPHIC 4600K, 90+ CRI



#### COLOR VECTOR GRAPHIC 6500K, 90+ CRI



Reference Illuminant — Test Source

#### COLOR DISTORTION GRAPHIC 6500K, 90+ CRI



| TEST RESULTS - TUNABLE WHITE @ 1500 LUMENS (NOMINAL) | | | |
|---|---|---|---|
| Value | 2700K | 4600K | 6500K |
| Luminous Flux (lm) | 1407 | 1604 | 1660 |
| Wattage (W) | 23.9 | 24.3 | 24.6 |
| Efficacy (lm/W) | 59 | 66 | 68 |
| $R_f$ | 90 | 89 | 87 |
| $R_g$ | 97 | 98 | 96 |
| CCT (K) | 2817 | 4588 | 6518 |
| $D_{UV}$ | -0.0013 | -0.0040 | 0.0018 |
| x | 0.4482 | 0.3565 | 0.3131 |
| y | 0.4047 | 0.3531 | 0.3273 |
| CIE $R_a$ | 91 | 95 | 94 |
| CIE $R_9$ | 47 | 81 | 76 |



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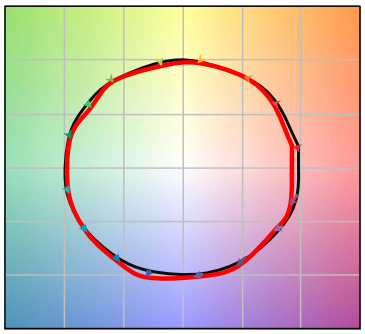
# LTR-6RD SpectraSync

LITEISTRY 6" ROUND DOWNLIGHT WITH COLOR TUNING

## TM-30 DATA CONTINUED

### SPECTRASYNC™ DIM TO WARM (2230TD)

**COLOR VECTOR GRAPHIC**
**3000K, 90+ CRI @ 100%**

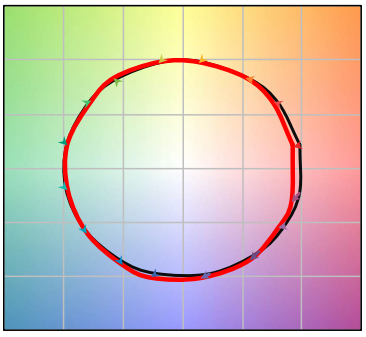


Reference Illuminant — Test Source

**COLOR DISTORTION GRAPHIC**
**3000K, 90+ CRI @ 100%**



**COLOR VECTOR GRAPHIC**
**2600K, 90 CRI @ 50% DIM**

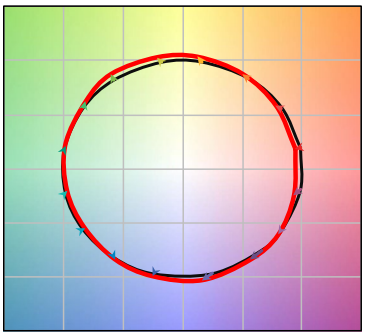


Reference Illuminant — Test Source

**COLOR DISTORTION GRAPHIC**
**2600K, 90 CRI @ 50% DIM**



**COLOR VECTOR GRAPHIC**
**2200K, 90 CRI @ 5% DIM**



Reference Illuminant — Test Source

**COLOR DISTORTION GRAPHIC**
**2200K, 90 CRI @ 5% DIM**



| TEST RESULTS - DIM TO WARM @ 3 DIMMING LEVELS | | | |
|---|---|---|---|
| Value | 100% | 50% Dim | 5% Dim |
| Luminous Flux (lm) | 1501 | 772 | 53 |
| Wattage (W) | 24.3 | 14 | 3.4 |
| Efficacy (lm/W) | 62 | 55 | 16 |
| $R_f$ | 90 | 92 | 91 |
| $R_g$ | 97 | 99 | 102 |
| CCT (K) | 3123 | 2590 | 2282 |
| $D_{UV}$ | -0.0017 | -0.0015 | -0.0029 |
| x | 0.4261 | 0.4662 | 0.4907 |
| y | 0.3965 | 0.4082 | 0.4068 |
| CIE $R_a$ | 92 | 93 | 93 |
| CIE $R_9$ | 53 | 60 | 64 |



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# LTR-6RD SpectraSync

LITEISTRY 6" ROUND DOWNLIGHT WITH COLOR TUNING

## ELECTRICAL DATA

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

## ADDITIONAL 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.



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