# prescolite

# LFR-4RDS SpectraSync

LITEFRAME 4" ROUND SHALLOW DOWNLIGHT
WITH COLOR TUNING

**LITEFRAME 2.0**

## FEATURES

- 4" LED shallow downlight delivering 1000–1500 lumens

- Direct Install from below ceiling for New Construction or Remodel applications

- Optional housing accessories available

- Four beam distributions

- 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

- NX Lighting Controls wired and wireless controls capability available

**SERVICE PROGRAMS**

**STOCK**

## CONTROLS TECHNOLOGY

NX WIRELESS　　NX WIRED　　SpectraSync Color Tuning Technology
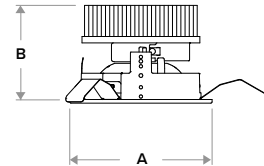
### Typical Dimensions and Weights

| Lumen Package | "A" Diameter Inches (mm) | "B" Height Inches (mm) | Weight lbs (kg) |
|---|---|---|---|
| 10L - 15L | 5.37 (136) | 3.56 (90) | 3.9 (1.8) |

See DIMENSIONS section for complete details

## SPECIFICATIONS

### CONSTRUCTION

- Standard Fixture Module designed for Non-IC, Direct Install construction

- Optional Non-IC frame or IC housing available with pre-installed bar hangers

- Die cast aluminum fixture module support ring with spring steel clips for secure mounting to ceiling

- Driver J-Box can be installed and accessed from below the ceiling as direct install or easily snap on to optional housing frame/enclosure

- Light Engine connections use plenum rated (CMP) cable

### OPTICS

- High purity spun aluminum reflector, self-flanged

- 61° visual cutoff to source image and 45° cutoff to source

- Specular or Semi-Specular anodized or White painted cone reflector finish/colors

- Painted flange options in White or Black

### 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

- Long LED life: L70 at >60,000 hours (TM-21)

- Universal voltage 120V–277V driver,

- UL Class 2, inherent short circuit and overload protection, RoHS compliant

- 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

- Remote emergency battery option available

### INSTALLATION

- Accommodates ceiling thickness from 0.50" to 2.50"

- Fixture Module including driver fully accessible from above or below the ceiling

### CERTIFICATIONS

- cCSAus certified to UL 1598

- Suitable for damp locations

- EMR: Certified under UL 924 standard for emergency lighting and power equipment

- EMR: Emergency battery packs are California Energy Commission (CEC) Title 20 Compliant

- Approved for 8 (4 in/4 out) No. 12AWG conductors rated for 90°C through wiring

### WARRANTY

- 5 year warranty

### KEY DATA

| KEY DATA | |
|---|---|
| Lumen Range | 1000–1500 |
| Wattage Range | 12.7–19.4 |
| Efficacy Range (LPW) | 69–82 |
| Reported Life (Hours) | L70 / >60,000 |
| Input Current (mA) | 106–162 (120V) |

*Based on Specular, 30K, 90 CRI

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# Current

PRE_LFR-4RDS-SpectraSync_Spec_R02

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# LFR-4RDS SpectraSync
LITEFRAME 4" ROUND SHALLOW DOWNLIGHT
WITH COLOR TUNING

## ORDERING GUIDE

Gray Shading = Service Program **STOCK**

**Example:** LFR–4RDS–M–10L2230TD9–WD–DMTW / LFR–4RDS–T–S / LFR–4RD-H

**CATALOG #**

## FIXTURE MODULE

**LFR-4RDS-M** —

| Ap/Shp/Funct | Lumen Output | | CCT | | CRI | | Distribution | | Driver Options | | Control Options | | Voltage | Module Options | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **LFR-4RDS-M** 4" Round Shallow Downlight Fixture Module for Direct Install *(Non-IC frame or IC housing available under Housing Options below)* | **10L** 1000 **15L** 1500 | | **2230TD** 2200K–3000K SpectraSync™ Dim to Warm **2750T** 2700K–5000K SpectraSync™ Tunable White **2765T** 2700K–6500K SpectraSync™ Tunable White | | **9** 90+ | | **VNR** Very Narrow (22°/0.4 SC) **NR** Narrow (26°/0.4 SC) **MD** Medium (34°/0.6 SC) **WD** Wide (49°/0.7 SC) | | **DMTW** SpectraSync™ Dim to Warm, 0–10V Dimming to 5% [1] **DMT** SpectraSync™ Tunable White, 0–10V Dimming to 5% [2] | | **NX Lighting Controls** *Networked Wireless* **NXW** NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor *Networked Wired* **NXE** NX Wired Dual RJ45 SmartPORTS, without Sensor | | *Standard 120–277V* | **CP** Chicago Plenum [3,4] **EMR** 6W Emergency Battery Pack (CEC Title 20 Compliant) with remote test switch and indicator light [4] **DTS** Device Transfer Switch with Dimming Bypass [4] | |

## TRIM (Ships separately)

| LFR-4RDS-T | | Reflector Finish/Color | | Flange Color Options | | Lower Trim Options | |
|---|---|---|---|---|---|---|---|
| **LFR-4RDS-T** | 4" Round Shallow Downlight Trim Assembly | **S** Specular **SS** Semi-Specular **WC** Painted White Cone and Flange | | *Standard matches reflector color* **WT** White Flange [5] **BT** Black Flange | | **FM** Flush Mount Mud-In Ring [8] | |

## HOUSING OPTIONS (Ships separately)

| Aperture/Shape/Function | | |
|---|---|---|
| ☐ | **LFR-4RD-H** | 4" Housing Frame, New Construction, Non-IC |
| ☐ | **LFR-4RD-H-IC** | 4" Housing Enclosure, New Construction, IC Rated [6,7] |

| Accessories | |
|---|---|
| ☐ **LiteGear** | LiteGear® Inverter, 125VA–250VA |
| ☐ **LPS Series** | LightPower Micro-Inverter, 20VA–55VA |
| ☐ **LF-FMR4-R** | Flush Mount Mud-in Ring, 4" [8] |
| ☐ **LF-MOR4-R-WH** | Metal Oversized Ring, 4" Round, White (8.3" outside diameter) |
| ☐ **LFR-SCA4-__** | Sloped Ceiling Adapter, 4" White [9] |

Notes:
1. Must select 2230TD with DMTW driver.
2. Must select either 2750T or 2765T with DMT driver.
3. CP not available with Controls.
4. Module options not available in combination.
5. WT not needed for WC.
6. IC available up to 10L
7. IC Housing not for use in combination with Controls or with Module Options CP, EMR, DTS.
8. Flush Mount Flange (FM) requires FMR accessory (sold separately).
9. Specify slope angle 5°–35° in 5° increments. Not available with FM option.

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# LFR-4RDS SpectraSync
LITEFRAME 4" ROUND SHALLOW DOWNLIGHT
WITH COLOR TUNING

## 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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DATE: | LOCATION:

TYPE: | PROJECT:

CATALOG #:

# LFR-4RDS SpectraSync
LITEFRAME 4" ROUND SHALLOW DOWNLIGHT
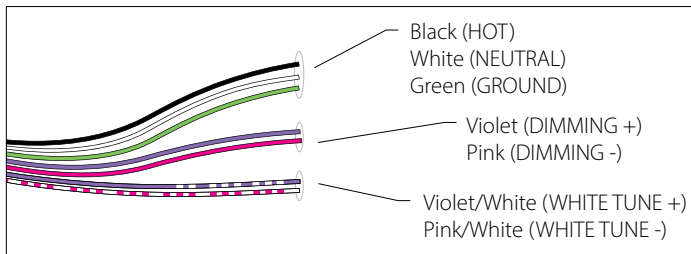WITH COLOR TUNING

## 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 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 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.

Black (HOT)
White (NEUTRAL)
Green (GROUND)

Violet (DIMMING +)
Pink (DIMMING -)
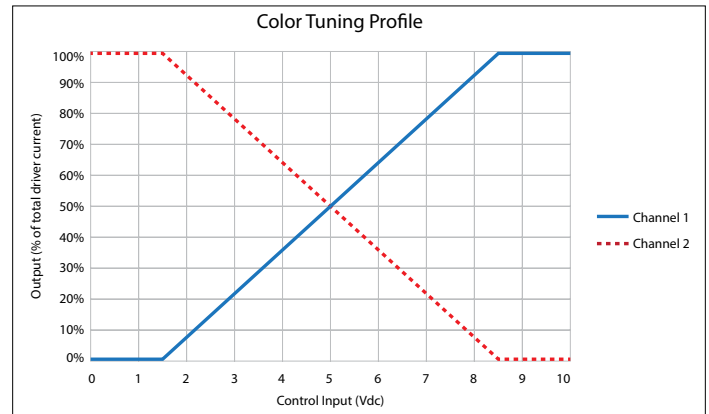
Violet/White (WHITE TUNE +)
Pink/White (WHITE TUNE -)

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

**Color Tuning Profile**

Output (% of total driver current)

Control Input (Vdc)

— Channel 1
- - - Channel 2

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

## PERFORMANCE DATA TABLE

Performance data provided below is for 2230TD, 90 CRI with Specular Clear reflector finish/color

| Lumen Package | Nominal Lumens | Distribution | Delivered Lumens | Watts | LPW |
|---|---|---|---|---|---|
| 10L | 1000 | Very Narrow | 1011 | 12.7 | 80 |
| | | Narrow | 1003 | 12.7 | 79 |
| | | Medium | 978 | 12.7 | 77 |
| | | Wide | 1042 | 12.7 | 82 |
| 15L | 1500 | Very Narrow | 1385 | 19.4 | 71 |
| | | Narrow | 1374 | 19.4 | 71 |
| | | Medium | 1341 | 19.4 | 69 |
| | | Wide | 1428 | 19.4 | 73 |

PRE_LFR-4RDS-SpectraSync_Spec_R02

DATE:     LOCATION:

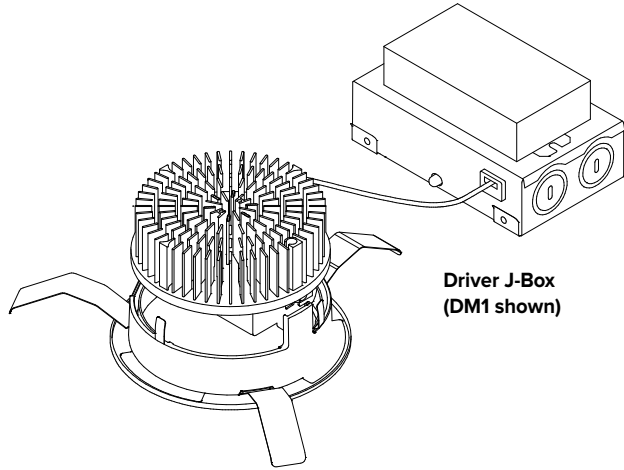TYPE:     PROJECT:

CATALOG #:

# LFR-4RDS SpectraSync
LITEFRAME 4" ROUND SHALLOW DOWNLIGHT
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## DIMENSIONS

### LFR-4RDS-M

Fixture Module consists of Light Engine and Driver J-Box assemblies.
Overall dimensions for each are dependent upon configuration selected.
See the following pages for details.

**Driver J-Box
(DM1 shown)**

**Light Engine
with Trim assembly installed**

| DIMENSIONAL DATA | | |
|---|---|---|
| APERTURE | | Ø4.00" (101.6mm) |
| OVERALL | | Ø5.37" (136.5mm) |
| FLANGE WIDTH | Standard | 0.69" (17.5mm) |
| | Flush Mount | 0.19" (4.8mm) |
| FLANGE TO FLANGE | Standard | Ø5.37" (136.6mm) |
| | Flush Mount | Ø4.38" (111.2mm) |
| CEILING CUTOUT | Standard | Ø4.75" (120.7mm) |
| | Flush Mount | Ø4.88" (123.9mm) |
| CEILING THICKNESS | | 0.50" – 2.50" (12.7 – 63.5mm) |

### LFR-4RDS LIGHT ENGINE

| OVERALL LIGHT ENGINE HEIGHT "A" * | | |
|---|---|---|
| LUMEN PACKAGE | FIXTURE MODULE | BEAM DISTRIBUTION |
| | | VNR / NR / MD / WD |
| 10L–15L | STANDARD | 3.56" (90.4mm) |
| | CP | 4.93" (125.2mm) |

\*   Note: Add ½" minimum plenum clearance above overall Light Engine Height.
\*\*   For 30L: Marked spacing required 36" fixture center to center;
     18" fixture center to building member; 0.5" above fixture.
\*\*\* Non-IC rating requires 3" from insulation and combustible materials.
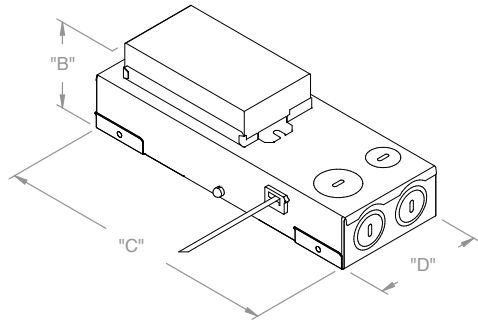
"A"
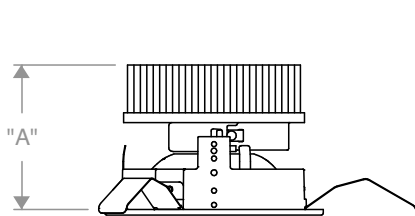
**Side View Standard**

"A"
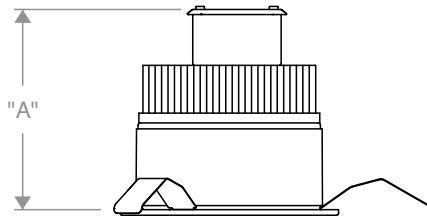
**Side View CP – Chicago Plenum**

PRE_LFR-4RDS-SpectraSync_Spec_R02

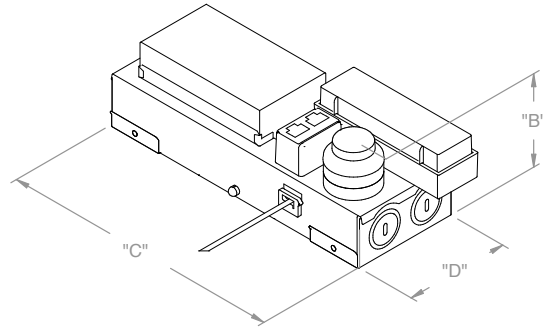# LFR-4RDS SpectraSync

LITEFRAME 4" ROUND SHALLOW DOWNLIGHT
WITH COLOR TUNING

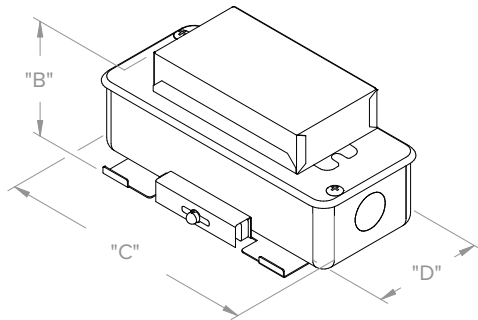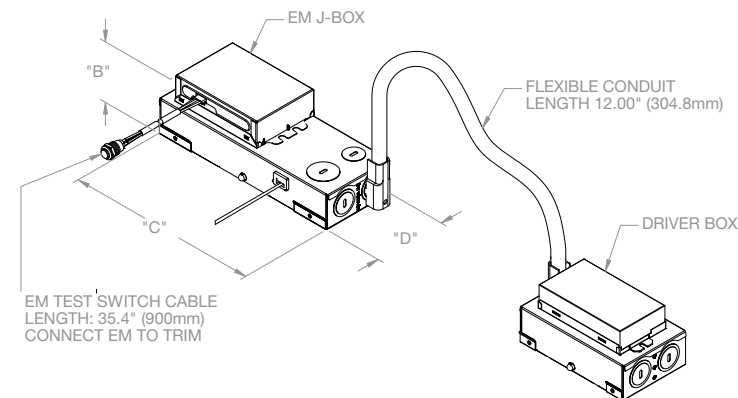## DIMENSIONS CONTINUED

DRIVER J-BOX



**DMT/DMTW**



**NX CONTROLS OPTION**



**CP**



**DMT/DMTW EM/EMR OPTION**
EM Driver J-Box Conduit (provided) connects to Driver J-Box
(see Driver J-Box for additional details)

| OVERALL DRIVER J-BOX DIMENSIONS (ALL LUMEN OUTPUTS) | | | | |
|---|---|---|---|---|
| DRIVER/ CONTROLS OPTIONS | "B" (HEIGHT) | "C" (LENGTH) | "D" (WIDTH) | MINIMUM J-BOX PLENUM CLEARANCE |
| DMT/DMTW | 2.67" (67.8mm) | 8.68" (220.5mm) | 3.23" (82.0mm) | 4.00" (101.6mm) |
| NX | 3.02" (76.7mm) | 8.68" (220.5mm) | 3.23" (82.0mm) | 6.00" (152.4mm) |
| EM | 2.73" (69.3mm) | 8.68" (220.5mm) | 3.23" (82.0mm) | 4.00" (101.6mm) |
| CP | 1.89" (73.4mm) | 6.50" (165.1mm) | 2.72" (69.1mm) | 5.00" (127.0mm) |

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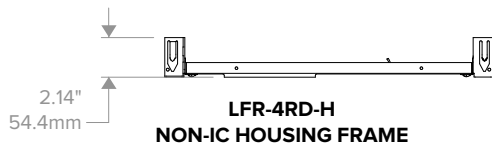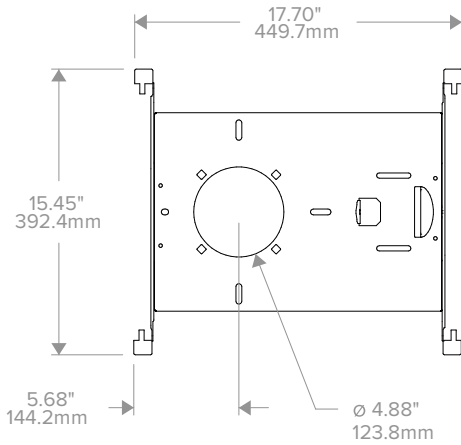
# LFR-4RDS SpectraSync

LITEFRAME 4" ROUND SHALLOW DOWNLIGHT
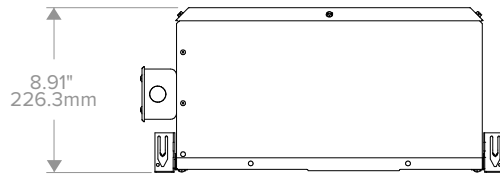WITH COLOR TUNING

## DIMENSIONS CONTINUED

### OPTIONAL HOUSINGS



17.70"
449.7mm

15.45"
392.4mm

5.68"
144.2mm

ø 4.88"
123.8mm

2.14"
54.4mm
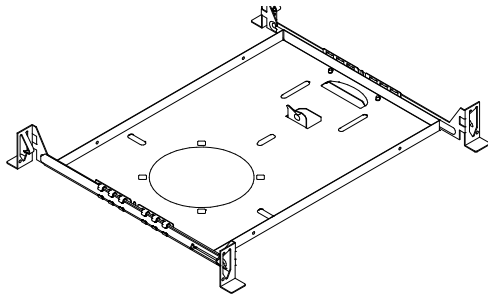
**LFR-4RD-H**
**NON-IC HOUSING FRAME**



18.82"
478.0mm

15.45"
392.4mm

10.75"
273.0mm

ø 4.88"
123.8mm

8.91"
226.3mm
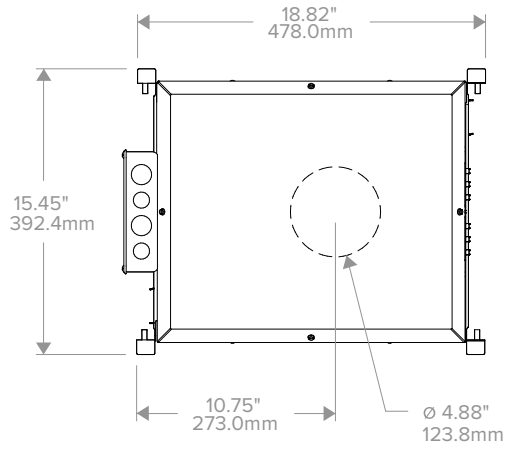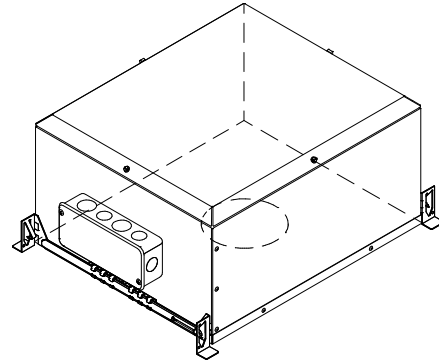
**LFR-4RD-H-IC**
**IC HOUSING**
Not for use with CP Shroud



Metal 2-piece adapter (included)
to be installed above ceiling

Ø 4.75"
(120.6mm)

Ø 8.30"
(210.8mm)
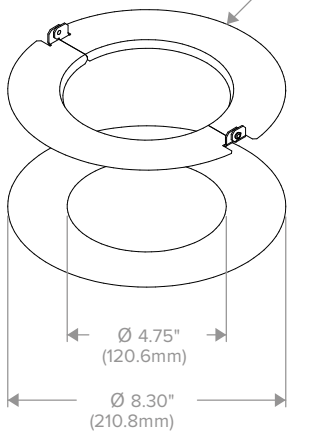
**ROUND LF-MOR4-R**
**METAL OVERSIZED RING**
(See LF-MOR Installation Instruction for more details)

PRE_LFR-4RDS-SpectraSync_Spec_R02
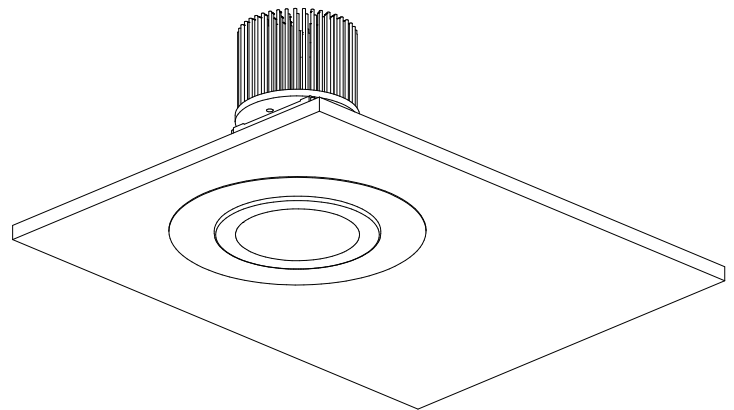
# LFR-4RDS SpectraSync

LITEFRAME 4" ROUND SHALLOW DOWNLIGHT
WITH COLOR TUNING

## PHOTOMETRY

### LFR-4RDS-M-15L2230TD9VNR-DMTW / LFR-4RDS-T-S

**LUMINAIRE DATA**

| | |
|---|---|
| Test No. | 22.00516 |
| Description | 1500 lm, Very Narrow, 3000K, 90 CRI |
| Delivered Lumens | 1374 |
| Watts | 19.4W |
| Efficacy | 71 |
| Mounting | Recessed |
| Spacing Criterion | 0.5 |
| Beam Angle (FWHM) | 29 |

**ZONAL LUMEN SUMMARY**

| Zone | Lumens | % Luminaire |
|---|---|---|
| 0-40 | 1336 | 96.0 |
| 0-60 | 1385 | 100.0 |
| 0-90 | 1385 | 100.0 |
| 0-180 | 1385 | 100.0 |

**POLAR GRAPH**
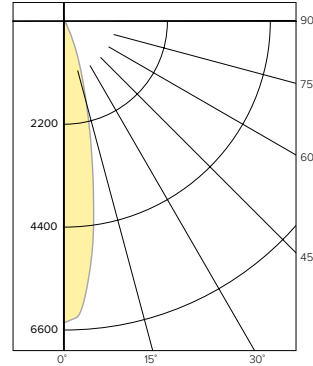


**CANDELA DISTRIBUTION**

| Degree | Candela |
|---|---|
| 0 | 6450 |
| 5 | 5701 |
| 15 | 1916 |
| 25 | 465 |
| 35 | 127 |
| 45 | 55 |
| 55 | 6 |
| 65 | 0 |
| 75 | 0 |
| 85 | 0 |
| 90 | 0 |

**LUMINANCE DATA***

| Vertical Angle | Average |
|---|---|
| 45° | 9594 |
| 55° | 11290 |
| 65° | 0 |
| 75° | 0 |
| 85° | 0 |

*Candela/Square Meter

### LFR-4RDS-M-15L2230TD9NR-DMTW / LFR-4RDS-T-S

**LUMINAIRE DATA**

| | |
|---|---|
| Test No. | 22.00517 |
| Description | 1500 lm, Narrow, 3000K, 90 CRI |
| Delivered Lumens | 1374 |
| Watts | 19.4W |
| Efficacy | 71 |
| Mounting | Recessed |
| Spacing Criterion | 0.5 |
| Beam Angle (FWHM) | 29 |

**ZONAL LUMEN SUMMARY**

| Zone | Lumens | % Luminaire |
|---|---|---|
| 0-40 | 1204 | 96.0 |
| 0-60 | 1319 | 100.0 |
| 0-90 | 1374 | 100.0 |
| 0-180 | 1374 | 100.0 |

**POLAR GRAPH**
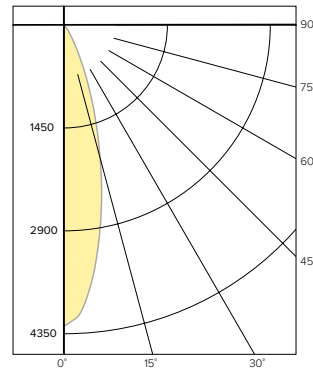


**CANDELA DISTRIBUTION**

| Degree | Candela |
|---|---|
| 0 | 4251 |
| 5 | 3840 |
| 15 | 2014 |
| 25 | 657 |
| 35 | 171 |
| 45 | 62 |
| 55 | 6 |
| 65 | 0 |
| 75 | 0 |
| 85 | 0 |
| 90 | 0 |

**LUMINANCE DATA***

| Vertical Angle | Average |
|---|---|
| 45° | 10815 |
| 55° | 1290 |
| 65° | 0 |
| 75° | 0 |
| 85° | 0 |

*Candela/Square Meter

### LFR-4RDS-M-15L2230TD9MD-DMTW / LFR-4RDS-T-S

**LUMINAIRE DATA**

| | |
|---|---|
| Test No. | 22.00518 |
| Description | 1500 lm, Medium, 3000K, 90 CRI |
| Delivered Lumens | 1341 |
| Watts | 19.4W |
| Efficacy | 69 |
| Mounting | Recessed |
| Spacing Criterion | 0.6 |
| Beam Angle (FWHM) | 35 |

**ZONAL LUMEN SUMMARY**

| Zone | Lumens | % Luminaire |
|---|---|---|
| 0-40 | 1285 | 95.9 |
| 0-60 | 1340 | 100.0 |
| 0-90 | 1341 | 100.0 |
| 0-180 | 1341 | 100.0 |

**POLAR GRAPH**
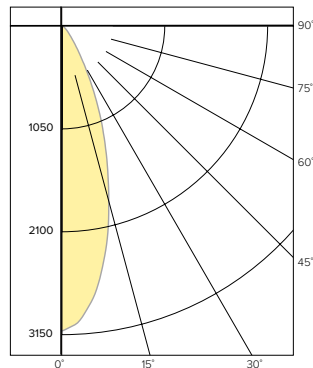


**CANDELA DISTRIBUTION**

| Degree | Candela |
|---|---|
| 0 | 3120 |
| 5 | 2911 |
| 15 | 1844 |
| 25 | 802 |
| 35 | 214 |
| 45 | 60 |
| 55 | 8 |
| 65 | 0 |
| 75 | 0 |
| 85 | 0 |
| 90 | 0 |

**LUMINANCE DATA***

| Vertical Angle | Average |
|---|---|
| 45° | 10466 |
| 55° | 1720 |
| 65° | 0 |
| 75° | 0 |
| 85° | 0 |

*Candela/Square Meter

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# LFR-4RDS SpectraSync
LITEFRAME 4" ROUND SHALLOW DOWNLIGHT
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## PHOTOMETRY CONTINUED

### LFR-4RDS-M-15L2230TD9WD-DMTW / LFR-4RDS-T-S

#### LUMINAIRE DATA

| Test No. | P22.00515 |
|---|---|
| Description | 1500 lm, Wide, 3000K, 90 CRI |
| Delivered Lumens | 1428 |
| Watts | 19.4W |
| Efficacy | 73 |
| Mounting | Recessed |
| Spacing Criterion | 0.9 |
| Beam Angle (FWHM) | 61 |

#### ZONAL LUMEN SUMMARY

| Zone | Lumens | % Luminaire |
|---|---|---|
| 0-40 | 1370 | 95.9 |
| 0-60 | 1428 | 100.0 |
| 0-90 | 1428 | 100.0 |
| 0-180 | 1428 | 100.0 |

#### POLAR GRAPH
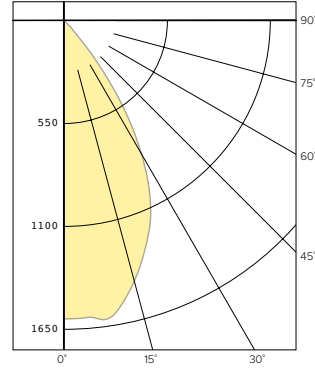


#### CANDELA DISTRIBUTION

| Degree | Candela |
|---|---|
| 0 | 1594 |
| 5 | 1591 |
| 15 | 1446 |
| 25 | 1096 |
| 35 | 524 |
| 45 | 53 |
| 55 | 2 |
| 65 | 0 |
| 75 | 0 |
| 85 | 0 |
| 90 | 0 |

#### LUMINANCE DATA*

| Vertical Angle | Average |
|---|---|
| 45° | 9245 |
| 55° | 430 |
| 65° | 0 |
| 75° | 0 |
| 85° | 0 |

*Candela/Square Meter

## Current

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# LFR-4RDS SpectraSync

LITEFRAME 4" ROUND SHALLOW DOWNLIGHT
WITH COLOR TUNING

DATE:      LOCATION:

TYPE:      PROJECT:

CATALOG #:

## TM-30 DATA

### SPECTRASYNC™ TUNABLE WHITE (2765T)
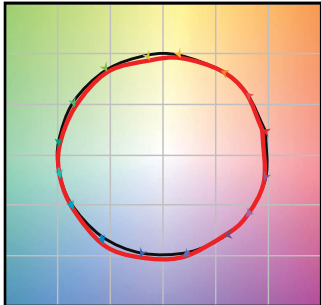
**COLOR VECTOR GRAPHIC**
**2700K, 90+ CRI**
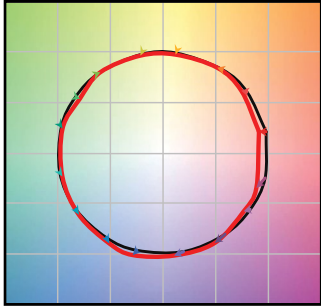


— Reference Illuminant    — Test Source
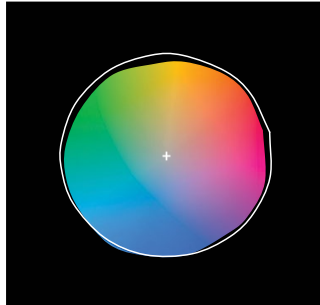
**COLOR DISTORTION GRAPHIC**
**2700K, 90+ CRI**



| TEST RESULTS - TUNABLE WHITE @ 1500 LUMENS (NOMINAL) | | | |
|---|---|---|---|
| Value | 2700K | 4600K | 6500K |
| Luminous Flux (lm) | 1469 | 1779 | 1692 |
| Wattage (W) | 20.5 | 20.1 | 20.6 |
| Efficacy (lm/W) | 71.7 | 88.5 | 82.1 |
| $R_f$ | 90 | 89 | 87 |
| $R_g$ | 97 | 99 | 97 |
| CCT (K) | 2799 | 4177 | 7184 |
| $D_{uv}$ | 0.0032 | 0.0088 | 0.0024 |
| x | 0.4468 | 0.3680 | 0.3047 |
| y | 0.3992 | 0.3515 | 0.3109 |
| CIE $R_a$ | 90 | 94 | 94 |
| CIE $R_9$ | 46.7 | 85.4 | 87.7 |

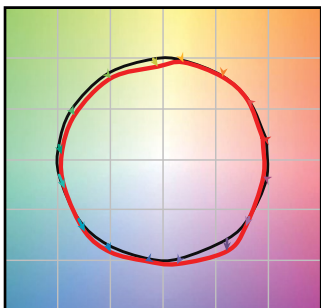**COLOR VECTOR GRAPHIC**
**4600K, 90+ CRI**



— Reference Illuminant    — Test Source

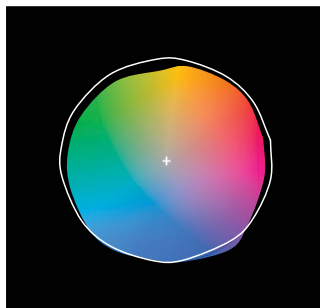**COLOR DISTORTION GRAPHIC**
**4600K, 90+ CRI**



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



— Reference Illuminant    — Test Source

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

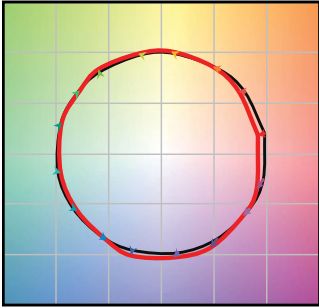currentlighting.com/prescolite

# LFR-4RDS SpectraSync

LITEFRAME 4" ROUND SHALLOW DOWNLIGHT
WITH COLOR TUNING

## TM-30 DATA CONTINUED

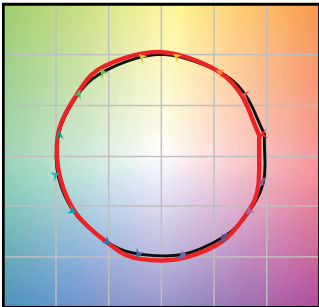### SPECTRASYNC™ DIM TO WARM (2230TD)

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



—— Reference Illuminant    —— Test Source
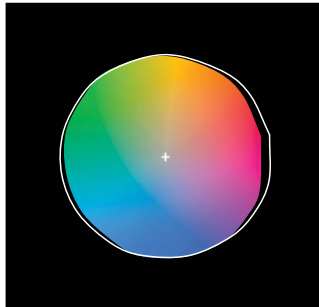
**COLOR DISTORTION GRAPHIC**
**3000K, 90+ CRI @ 100%**



| TEST RESULTS - DIM TO WARM @ 3 DIMMING LEVELS | | | |
|---|---|---|---|
| Value | 100% | 50% Dim | 5% Dim |
| Luminous Flux (lm) | 1470 | 833 | 50 |
| Wattage (W) | 20.3 | 20.1 | 20.6 |
| Efficacy (lm/W) | 71.7 | 88.5 | 82.1 |
| $R_f$ | 90 | 89 | 87 |
| $R_g$ | 97 | 99 | 97 |
| CCT (K) | 2799 | 4177 | 7184 |
| $D_{uv}$ | 0.0032 | 0.0088 | 0.0024 |
| x | 0.4468 | 0.3680 | 0.3047 |
| y | 0.3992 | 0.3515 | 0.3109 |
| CIE $R_a$ | 90 | 94 | 94 |
| CIE $R_9$ | 46.7 | 85.4 | 87.7 |

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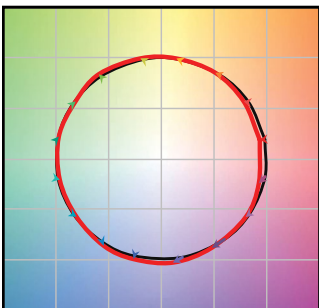**2600K, 90 CRI @ 50% DIM**



—— Reference Illuminant    —— Test Source

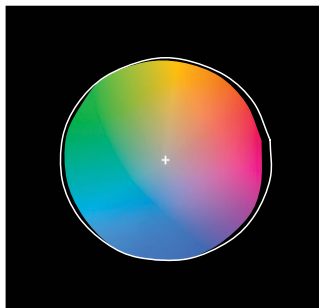**COLOR DISTORTION GRAPHIC**
**2600K, 90 CRI @ 50% DIM**



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



—— Reference Illuminant    —— Test Source

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



# Current ⊙

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# LFR-4RDS SpectraSync
LITEFRAME 4" ROUND SHALLOW 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

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

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.

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, 6W x 120 LPW = 720 lumens in emergency mode.

**PRE_LFR-4RDS-SpectraSync_Spec_R02**