

LFR-6SQD SpectraSync

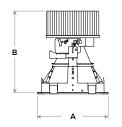
LITEFRAME 6" SQUARE DOWNLIGHT WITH COLOR TUNING

| DATE: | LOCATION: |
|------------|-----------|
| TYPE: | PROJECT: |
| | |
| CATALOG #: | |

| IT | Ε | FRAME |
|----|---|-------|
| | | 2.0 |

SERVICE PROGRAMS

STCCK



| Typical Dimensions and Weights | | | | | | | | | | | |
|--------------------------------|-------------------------------|---------------------------|--------------------|--|--|--|--|--|--|--|--|
| Lumen Package | "A" Width (SQ) Inches (mm) | "B" Height Inches (mm) | Weight lbs (kg) | | | | | | | | |
| 10L - 30L | 7.38 (187) | 7.28 (185) | 4.8 (2.2) | | | | | | | | |

See DIMENSIONS section for complete details

FEATURES

- 6" LED downlight delivering 1000-3000 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



CONTROLS TECHNOLOGY







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, four panel aluminum reflector, self-flanged
- Specular or Semi-Specular anodized or White painted cone reflector finish/colors
- · Painted flange options in White or Black
- Optional clear lens trim for wet location applications

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
- Integral and remote emergency battery options available

INSTALLATION

- Accommodates ceiling thickness from 0.50" to 2.50"
- Fixture Module including driver fully accessible from above or below the ceiling
- 10L Fixture Modules are inherently protected IC without the use of IC housing enclosure (IC housing is still recommended when using loose-fill or spray foam insulation types)

CERTIFICATIONS

- cCSAus certified to UL 1598
- Suitable for wet locations, covered ceiling when used with CL lens trim; all other configurations, 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
- Approved for 8 (4 in/4 out) No. 12AWG conductors rated for 90°C through wiring

WARRANTY

• 5 year warranty

| KEY DATA | | | | | | | | | | |
|-----------------------|----------------|--|--|--|--|--|--|--|--|--|
| Lumen Range | 1000–3000 | | | | | | | | | |
| Wattage Range | 12–42 | | | | | | | | | |
| Efficacy Range (LPW) | 66–92 | | | | | | | | | |
| Reported Life (Hours) | L70 / >60,000 | | | | | | | | | |
| Input Current (mA) | 100-350 (120V) | | | | | | | | | |

*Based on Specular, 30K, 90 CRI





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| Gray Shading | = Service Program | STCCI |
|--------------|-------------------|-------|

ORDERING GUIDE

Example: LFR-6SQD-M-10L2230TD9 -WD-DMTW / LFR-6SQD-T-S / LFR-6SQD-H

CATALOG #

FIXTURE MODULE

| LFR-6SQD-M | _ | | | | | | _ | | | _ | | | | | _[| | |
|--|---|---------------------------------|--------------------------------------|--------------------------|--|--------------|---|----------------------|--------------------------------------|---|--------|---|--|----------------------|----|----------|--|
| Ap/Shp/Funct | | Lume | n Output | ССТ | | CRI | | Dist | ribution | | Driver | Options | Control Options | Voltage | | Modu | ıle Options |
| LFR-6SQD-M 6" Square Downlight Fixture Module for Direct Install (Non-IC frame or IC housing available under Housing Options below) | | 10L 15L 20L 25L 30L | 1000 1500 2000 2500 3000 | 2230TD 2750T 2765T | 2200K-3000K SpectraSync™ Dim to Warm 2700K-5000K SpectraSync™ Tunable White 2700K-6500K SpectraSync™ Tunable White | 9 90+ | | NR MD WD XW | (38°/0.6 SC) Wide (50°/0.9 SC) | | DMTW | SpectraSync [™] Dim to Warm, 0–10V Dimming to 5% ¹ 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 | Standard 120–277V | | CP EM | Chicago Plenum ^{3,4} 6W Emergency Battery Pack (CEC Title 20 Compliant) with integral test switch and indicator light ⁴ 6W Emergency Battery Pack (CEC Title 20 Compliant) |
| | | | | | | | | | | | | | NXE NX Wired Dual RJ45 SmartPORTS, without Sensor | | | DTS | ritle 20 Compilanty with remote test switch and indicator light ⁴ Device Transfer Switch with Dimming Bypass ⁴ |

TRIM (Ships separately)

| LFR-6SQD-T | | _ | | | | | | | | |
|-------------------------|--------------------------------------|---|--|--|------------------|----------------------------------|----|--|--------------------|---|
| Aperture/Shape/Function | | | Reflector Finish/Color Flange Color Option | | ge Color Options | Lens Options | | | Lower Trim Options | |
| LFR-6SQD-T | 6" Square Downlight Trim Assembly | | s ss | Specular ⁹ Semi-Specular | | Standard matches reflector color | | Standard no lens CL Clear Lens (Wet listed) 6 | | Pre-punched reflector for EM integral test switch |
| | | | wc | Painted White | WT | White Flange 5 | 0_ | Gledi Zeris (Wet ilsted) | FM | and indicator ⁶ |
| | | | WC | Cone and Flange | вт | Black Flange | | | | Flush Mount Flange ¹⁰ |

HOUSING OPTIONS (Ships separately)

| Aperture/Shape/Function | | | | | | | | | |
|-------------------------|---------------|--|--|--|--|--|--|--|--|
| | LFR-6SQD-H | 6" Housing Frame, New Construction, Non-IC | | | | | | | |
| | LFR-6SQD-H-IC | 6" Housing Enclosure, New Construction, IC Rated 7.8 | | | | | | | |

| Accessories | |
|---------------|--|
| SFL6 | Soft Focus Lens and Clip, 6" Square |
| WAL6 | Wide Angle 80° Lens and Clip, 6" Square |
| LiteGear | LiteGear® Inverter, 125VA–250VA |
| LPS Series | LightPower Micro-Inverter, 20VA-55VA |
| LF-FMR6-SQ | Flush Mount Mud-in Ring, 6" Square 10 |
| LF-MOR6-SQ-WH | Metal Oversized Ring, 6" Square, White (10.3" outside dimension) |

Notes:

- Must select 2230TD with DMTW driver.
- Must select either 2750T or 2765T with DMT driver.
- 3 CP not available with Controls.
- Module options not available in combination.
- WT not needed for WC.
- CL lens and EM trim options not available in combination.
- IC available up to 25L; 10L Fixture Modules are inherently protected IC without the use of IC housing enclosure. (IC housing is still recommended when using loose-fill or spray foam insulation types.)
- IC Housing not for use in combination with Controls or with Module Options CP, EM, EMR, DTS.
- XW distribution is not available for Specular (S) reflector finish.
- 10 Flush Mount Flange (FM) requires FMR accessory (sold separately).





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NX LIGHTING CONTROLS

| | | | | | Contro | l Optio | | | | | | | |
|-------------|---|--|-------------|----------|------------|----------------------|------------------------|------------------|-------------------|------------------------------|---------------------------|---------|--|
| | Control Option Ordering Logic & Description | | Networkable | Grouping | Scheduling | Occupancy/ Motion | Daylight Harvesting | 0-10V Dimming | On/Off Control | Bluetooth App Programming | Control Option Components | | |
| NX Wireless | NXW | NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor | ✓ | ✓ | ✓ | - | - | ✓ | ✓ | ✓ | 8 | NXRM2-H | |
| NX Wired | NXE | NX Wired Dual RJ45 SmartPORTS, without Sensor | ✓ | √ | √ | _ | _ | ✓ | √ | √, | 25 | 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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SPECTRASYNC™ COLOR TUNING TECHNOLOGY

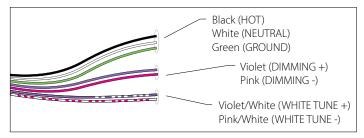
Control your space based on the needs of the application, specific activities throughout the day and preferences of the occupants with distinct SpectraSync™ Color Tuning Technologies.



| SPECTRASYNC COLOR TUNING TECHNOLOGY | | | |
|-------------------------------------|----------------------------|--|--|
| 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.

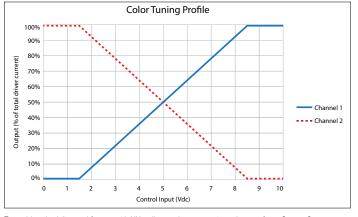


SpectraSync Tunable White luminaires are provided with two 0–10V circuits. The violet and pink circuit is for wiring to any qualified 0–10V controller for dimming. The violet/white and pink/white circuit is for wiring to any qualified 0–10V controller for Tunable White CCT control.

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.

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 |
|---------------|----------------|--------------|------------------|-------|-----|
| | | Narrow | 1094 | 11.9 | 92 |
| 101 | 4000 | Medium | 1064 | 11.9 | 89 |
| 10L | 1000 | Wide | 994 | 11.9 | 84 |
| | | Extra Wide | 1077 | 11.9 | 91 |
| | | Narrow | 1338 | 18.3 | 73 |
| 151 | 1500 | Medium | 1301 | 18.3 | 71 |
| 15L | 1500 | Wide | 1216 | 18.3 | 66 |
| | | Extra Wide | 1317 | 18.3 | 72 |
| | | Narrow | 2221 | 25.2 | 88 |
| 201 | 2000 | Medium | 2159 | 25.2 | 86 |
| 20L | 2000 | Wide | 2018 | 25.2 | 80 |
| | | Extra Wide | 2185 | 25.2 | 87 |
| | | Narrow | 2774 | 33.0 | 84 |
| 251 | 2500 | Medium | 2697 | 33.0 | 82 |
| 25L | 2500 | Wide | 2521 | 33.0 | 76 |
| | | Extra Wide | 2730 | 33.0 | 83 |
| | 3000 | Narrow | 3333 | 42.0 | 79 |
| | | Medium | 3240 | 42.0 | 77 |
| 30L | | Wide | 3030 | 42.0 | 72 |
| | | Extra Wide | 3280 | 42.0 | 78 |



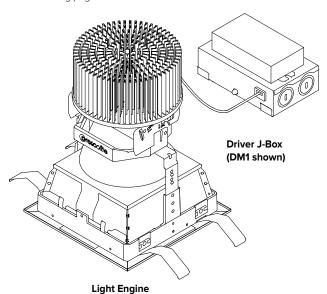


LOCATION: DATE: TYPE: PROJECT: CATALOG #:

DIMENSIONS

LFR-6SQD-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.



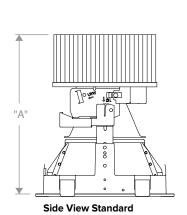
with Trim assembly installed

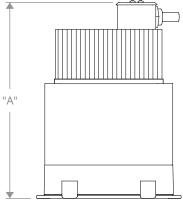
| LFR-6SQD | LIGHT | ENGINE |
|----------|-------|--------|
| | | |

| OVERALL LIGHT ENGINE HEIGHT "A" * | | | |
|-----------------------------------|----------|-----------------|-----------------|
| LUMEN | FIXTURE | BEAM DIST | FRIBUTION |
| PACKAGE | MODULE | NR / MD/ WD | XW |
| 101 –301 | STANDARD | 7.28" (185.0mm) | 6.80" (172.8mm) |
| IUL-3UL | СР | 9.89" (250.6mm) | 9.39" (238.5mm) |

 $^{^*}$ Note: Add ½" minimum plenum clearance above overall Light Engine Height. ** Non-IC rating requires 3" from insulation and combustible materials.

| DIMENSIONAL DATA | | | | |
|-------------------|-------------|-------------------------------|--|--|
| APERTURE | | □ 6.00" (152.4mm) | | |
| FLANGE WIDTH | Standard | 0.69" (17.5mm) | | |
| FLANGE WIDTH | Flush Mount | 0.20" (5.1mm) | | |
| FLANGE TO FLANGE | Standard | □ 7.38" (187.4mm) | | |
| FLANGE TO FLANGE | Flush Mount | □ 6.40" (162.6mm) | | |
| CEILING CLITOLIT | Standard | □ 6.75" (171.5mm) | | |
| CEILING CUTOUT | Flush Mount | □ 6.88" (174.7mm) | | |
| CEILING THICKNESS | | 0.50" - 2.50" (12.7 - 63.5mm) | | |





Side View CP - Chicago Plenum

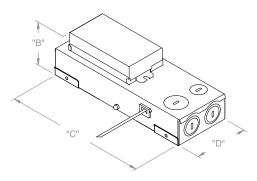




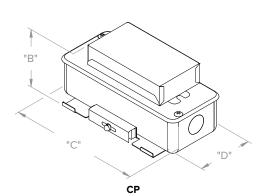
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| TYPE: | PROJECT: |
| CATALOG #: | |

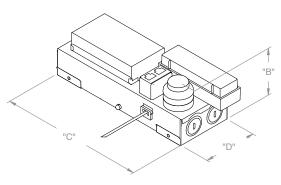
DIMENSIONS CONTINUED

DRIVER J-BOX

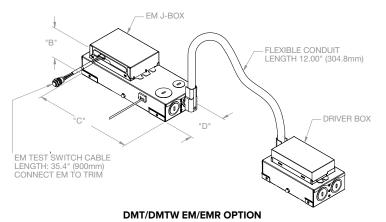


DMT/DMTW





NX CONTROLS OPTION



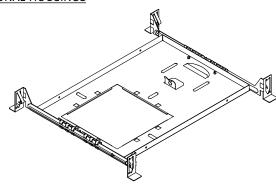
EMR/Driver J-Box Conduit (provided) connects to Driver J-Box (see Driver J-Box for additional details)

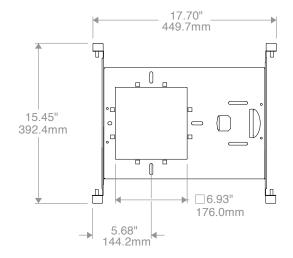
| OVER | OVERALL DRIVER J-BOX DIMENSIONS (ALL LUMEN OUTPUTS) | | | | |
|--------------------------------|---|--------------------|----------------|--------------------------------------|--|
| DRIVER/ CONTROLS OPTIONS | "B" (HEIGHT) | "C" (LENGTH) | "D" (WIDTH) | MINIMUM J-BOX PLENUM CLEARANCE | |
| DMT/DMTW | 2.67" (67.8mm) | 8.68" (220.5mm) | 3.23" (82.0mm) | 3.00" (76.2mm) | |
| NX | 3.02" (76.7mm) | 8.68" (220.5mm) | 3.23" (82.0mm) | 3.75" (95.3mm) | |
| EM | 2.73" (69.3mm) | 8.68" (220.5mm) | 3.23" (82.0mm) | 3.00" (76.2mm) | |
| CP | 1.89" (73.4mm) | 6.50" (165.1mm) | 2.72" (69.1mm) | 3.00" (76.2mm) | |



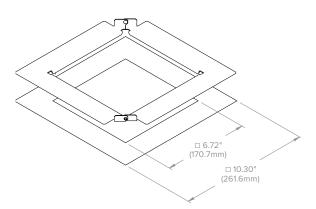
DIMENSIONS CONTINUED

OPTIONAL HOUSINGS







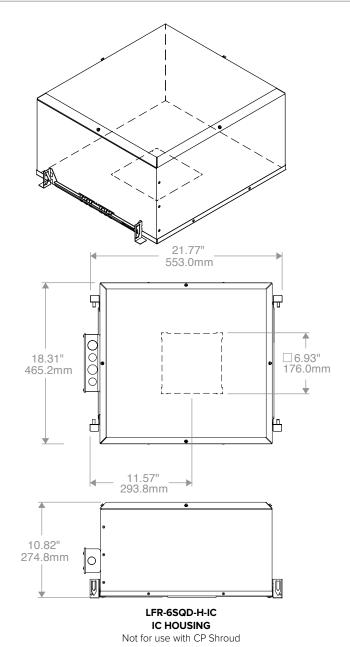


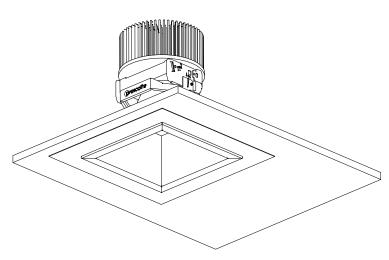
LF-MOR6-SQ **METAL OVERSIZED RING**

(See LF-MOR Installation Instruction for more details)



CATALOG #:







LOCATION: DATE: TYPE: PROJECT:

CATALOG #:

PHOTOMETRY

LFR-6SQD-M-20L2230TD9NR-DMTW / LFR-6SQD-T-S

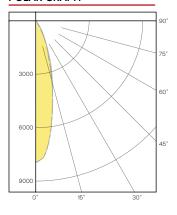
LUMINAIRE DATA

| Test No. | 22.01193 |
|-------------------|--------------------------------|
| Description | 2000 lm, Narrow, 3000K, 90 CRI |
| Delivered Lumens | 2221 |
| Watts | 25.2W |
| Efficacy | 88 |
| Mounting | Recessed/Ceiling |
| Spacing Criterion | 0.4 |
| Beam Angle (FWHM) | 49 |

ZONAL LUMEN SUMMARY

| Zone | Lumens | % Luminaire |
|-------|--------|-------------|
| 0-40 | 2206 | 99.4 |
| 0-60 | 2221 | 100.0 |
| 0-90 | 2221 | 100.0 |
| 0-180 | 2221 | 100.0 |

POLAR GRAPH



CANDELA DISTRIBUTION

| Degree | Candela |
|--------|---------|
| 0 | 7934 |
| 5 | 7134 |
| 15 | 3423 |
| 25 | 1105 |
| 35 | 58 |
| 45 | 12 |
| 55 | 1 |
| 65 | 0 |
| 75 | 0 |
| 85 | 0 |
| 90 | 0 |

LUMINANCE DATA*

| Vertical Angle | Average |
|----------------|---------|
| 45° | 974 |
| 55° | 225 |
| 65° | 0 |
| 75° | 0 |
| 85° | 0 |

*Candela/Square Meter

LFR-6SQD-M-20L2230TD9MD-DMTW / LFR-6SQD-T-S

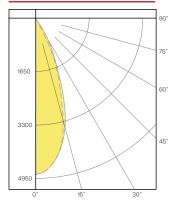
LUMINAIRE DATA

| Test No. | 22.01192 |
|-------------------|--------------------------------|
| Description | 2000 lm, Medium, 3000K, 90 CRI |
| Delivered Lumens | 2159 |
| Watts | 25.2W |
| Efficacy | 86 |
| Mounting | Recessed/Ceiling |
| Spacing Criterion | 0.6 |
| Beam Angle (FWHM) | 38 |

ZONAL LUMEN SUMMARY

| Zone | Lumens | % Luminaire |
|-------|--------|-------------|
| 0-40 | 2003 | 99.2 |
| 0-60 | 2141 | 100.0 |
| 0-90 | 2159 | 100.0 |
| 0-180 | 2159 | 100.0 |

POLAR GRAPH



CANDELA DISTRIBUTION

| Degree | Candela |
|--------|---------|
| 0 | 4816 |
| 5 | 4646 |
| 15 | 3338 |
| 25 | 1334 |
| 35 | 75 |
| 45 | 15 |
| 55 | 1 |
| 65 | 0 |
| 75 | 0 |
| 85 | 0 |
| 90 | 0 |

LUMINANCE DATA*

| Vertical Angle | Average |
|----------------|---------|
| 45° | 913 |
| 55° | 75 |
| 65° | 0 |
| 75° | 0 |
| 85° | 0 |

*Candela/Square Meter

LFR-6SQD-M-20L2230TD9WD-DMTW / LFR-6SQD-T-S

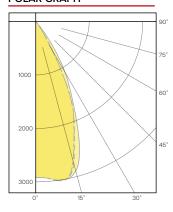
LUMINAIRE DATA

| | T |
|-------------------|------------------------------|
| Test No. | P22.01194 |
| Description | 2000 lm, Wide, 3000K, 90 CRI |
| Delivered Lumens | 2018 |
| Watts | 25.2W |
| Efficacy | 80 |
| Mounting | Recessed/Ceiling |
| Spacing Criterion | 0.8 |
| Beam Angle (FWHM) | 49 |

ZONAL LUMEN SUMMARY

| Zone | Lumens | % Luminaire |
|-------|--------|-------------|
| 0-40 | 1980 | 98.1 |
| 0-60 | 2018 | 100.0 |
| 0-90 | 2018 | 100.0 |
| 0-180 | 2018 | 100.0 |

POLAR GRAPH



CANDELA DISTRIBUTION

| Degree | Candela |
|--------|---------|
| 0 | 2907 |
| 5 | 2934 |
| 15 | 2745 |
| 25 | 1501 |
| 35 | 208 |
| 45 | 26 |
| 55 | 2 |
| 65 | 0 |
| 75 | 0 |
| 85 | 0 |
| 90 | 0 |

LUMINANCE DATA*

| Vertical Angle | Average |
|----------------|---------|
| 45° | 1583 |
| 55° | 150 |
| 65° | 0 |
| 75° | 0 |
| 85° | 0 |

*Candela/Square Meter



| DATE: | LOCATION: |
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| TYPE: | PROJECT: |
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PHOTOMETRY CONTINUED

LFR-6SQD-M-20L2230TD9XW-DMTW / LFR-6SQD-T-SS

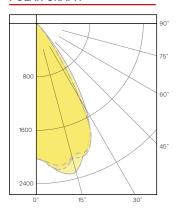
LUMINAIRE DATA

| Test No. | 22.01195 |
|-------------------|---------------------------------------|
| Description | 2000 lm, Extra Wide, 3000K, 90 CRI |
| Delivered Lumens | 2185 |
| Watts | 25.2W |
| Efficacy | 87 |
| Mounting | Recessed/Ceiling |
| Spacing Criterion | 1.1 |
| Beam Angle (FWHM) | 61 |

ZONAL LUMEN SUMMARY

| Zone | Lumens | % Luminaire |
|-------|--------|-------------|
| 0-40 | 2116 | 96.8 |
| 0-60 | 2185 | 100.0 |
| 0-90 | 2185 | 100.0 |
| 0-180 | 2185 | 100.0 |

POLAR GRAPH



CATALOG #:

CANDELA DISTRIBUTION

| Degree | Candela |
|--------|---------|
| 0 | 2024 |
| 5 | 2094 |
| 15 | 2060 |
| 25 | 1918 |
| 35 | 519 |
| 45 | 48 |
| 55 | 0 |
| 65 | 0 |
| 75 | 0 |
| 85 | 0 |
| 90 | 0 |
| | |

LUMINANCE DATA*

| Vertical Angle | Average |
|----------------|---------|
| 45° | 2923 |
| 55° | 0 |
| 65° | 0 |
| 75° | 0 |
| 85° | 0 |

*Candela/Square Meter

LENS OPTION / LENS FILTER ACCESSORY MULTIPLIER (Based on Clear Specular)

| Option | CL (Clear Lens) | |
|------------|-----------------|--|
| Multiplier | 0.97 | |

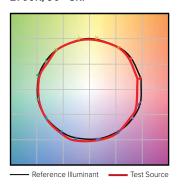


| DATE: | LOCATION: |
|------------|-----------|
| | 1 |
| TYPE: | PROJECT: |
| | |
| CATALOG #: | |

TM-30 DATA

SPECTRASYNC™ TUNABLE WHITE (2765T)

COLOR VECTOR GRAPHIC 2700K, 90+ CRI

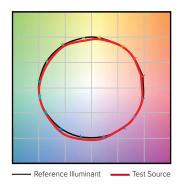


COLOR DISTORTION GRAPHIC 2700K, 90+ CRI



| TEST RESULTS - TUNABLE WHITE @ 1500 LUMENS (NOMINAL) | | | |
|---|--------|--------|--------|
| Value | 2700K | 4600K | 6500K |
| Luminous Flux (Im) | 1469 | 1779 | 1692 |
| Wattage (W) | 20.5 | 20.1 | 20.6 |
| Efficacy (Im/W) | 71.7 | 88.5 | 82.1 |
| R, | 90 | 89 | 87 |
| R | 97 | 99 | 97 |
| CCT (K) | 2799 | 4177 | 7184 |
| D _{uv} | 0.0032 | 0.0088 | 0.0024 |
| X | 0.4468 | 0.3680 | 0.3047 |
| у | 0.3992 | 0.3515 | 0.3109 |
| CIE R _a | 90 | 94 | 94 |
| CIE R | 46.7 | 85.4 | 87.7 |

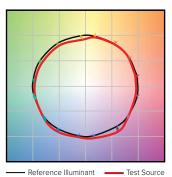
COLOR VECTOR GRAPHIC 4600K, 90+ CRI



COLOR DISTORTION GRAPHIC 4600K, 90+ CRI



COLOR VECTOR GRAPHIC 6500K, 90+ CRI



COLOR DISTORTION GRAPHIC 6500K, 90+ CRI



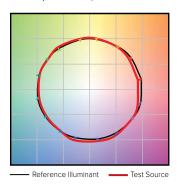


| DATE: | LOCATION: |
|-------|-----------|
| TYPF. | PROJECT: |
| | 111002011 |

TM-30 DATA CONTINUED

SPECTRASYNC™ DIM TO WARM (2230TD)

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



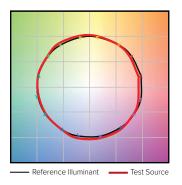
COLOR DISTORTION GRAPHIC 3000K, 90+ CRI @ 100%

CATALOG #:



| TEST RESULTS - DIM TO WARM @ 3 DIMMING LEVELS | | | |
|--|--------|---------|--------|
| Value | 100% | 50% Dim | 5% Dim |
| Luminous Flux (Im) | 1470 | 833 | 50 |
| Wattage (W) | 20.3 | 20.1 | 20.6 |
| Efficacy (Im/W) | 71.7 | 88.5 | 82.1 |
| R, | 90 | 89 | 87 |
| R _a | 97 | 99 | 97 |
| CCT (K) | 2799 | 4177 | 7184 |
| D _{uv} | 0.0032 | 0.0088 | 0.0024 |
| X | 0.4468 | 0.3680 | 0.3047 |
| У | 0.3992 | 0.3515 | 0.3109 |
| CIE R _a | 90 | 94 | 94 |
| CIE R | 46.7 | 85.4 | 87.7 |

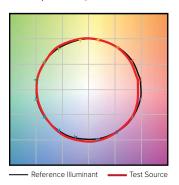
COLOR VECTOR GRAPHIC 2600K, 90 CRI @ 50% DIM



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



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



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





| DATE: | LOCATION: |
|------------|-----------|
| TYPE: | PROJECT: |
| CATALOG #: | |

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, $6W \times 120 \text{ LPW} = 720 \text{ lumens in emergency mode.}$

