

LFR-6RD (SH)

LITEFRAME 6" ROUND
 NON-CONDUCTIVE SHOWER DOWNLIGHT

LITEFRAME
 2.0



FEATURES

- 6" LED downlight delivering 1000–8000 lumens
- Direct Install from below ceiling for New Construction or Remodel applications
- Non-conductive dead-front trim with four regressed lens options
- Suitable for wet locations, covered ceiling
- IP65 rated (room side)
- 2700K–5000K, 80+ and 90+ CRI (2 SDCM)
- Dimming protocols include 0–10V, Phase (Forward/Reverse), DALI, DMX, and Lutron EcoSystem
- NX Lighting Controls wired and wireless controls capability available

SERVICE PROGRAMS

STOCK QS10



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

- Durable, non-conductive trim with 1/2" regressed lens
- Lens options include acrylic, polycarbonate, or tempered glass micro-prism, and clear acrylic
- Smooth room side lens surface for easy wipe down
- Available in white or black trim and flange color

ELECTRICAL

- Chip-on-board LED with 2 SDCM
- Multiple CCTs, 80+ or 90+ CRI
- Long LED life: L90 at >50,000 hours (TM-21)
- Universal voltage 120–277V driver, 347V optional
- UL Class 2, inherent short circuit and overload protection
- Flicker-free dimming options in a wide range of protocols from 1% to <0.1% performance
- 0–10V, Phase (Forward/Reverse), 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
- Remote emergency battery option available

INSTALLATION

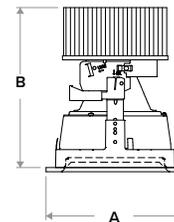
- Accommodates ceiling thickness from 0.50" to 2.50"
- Fixture Module including driver fully accessible from above or below the ceiling
- 10L–15L Fixture Modules are inherently protected IC without the use of IC housing enclosure. (IC housing is still recommended when using loose-fill or spray foam insulation types.)

CERTIFICATIONS

- cCSAus certified to UL 1598
- For ≥60L: Marked spacing required 36" fixture center to center; 18" fixture center to building member; 0.5" above fixture
- IP65 rated (room side) when properly installed per installation instructions
- Suitable for wet locations, covered ceiling. EMR: 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



| Typical Dimensions and Weights | | | |
|--------------------------------|--------------------------|------------------------|-----------------|
| Lumen Package | "A" Diameter Inches (mm) | "B" Height Inches (mm) | Weight lbs (kg) |
| 10L - 35L | 7.28 (185) | 6.71 (170) | 4.8 (2.2) |
| 40L - 50L | 7.28 (185) | 7.28 (185) | 5 (2.3) |
| 60L - 80L | 7.28 (185) | 8.47 (215) | 5.6 (2.5) |

See DIMENSIONS section for complete details

| KEY DATA | |
|-----------------------|---------------|
| Lumen Range | 1000–8000 |
| Wattage Range | 8–71 |
| Efficacy Range (LPW) | 71–84 |
| Reported Life (Hours) | L90 / >50,000 |
| Input Current (mA) | 66–592 (120V) |

*Based on, 35K, 80 CRI

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Gray Shading = Service Program



ORDERING GUIDE

Example: LFR-6RD-M-10L35K8-WD-DM1 / LFR-6RD-T-SH-WTAML / LFR-6RD-H

CATALOG #

FIXTURE MODULE

| LFR-6RD-M | Lumen Output | | CCT | | CRI | | Distribution | Driver Options | Control Options | Voltage | Module Options |
|---|--------------|-------------------|------------|-------|----------|-----|-----------------------------|--|--|-------------------|---|
| Ap/Shp/Funct | 10L | 1000 | 27K | 2700K | 8 | 80+ | WD Wide (46°/0.7 SC) | DM1 0–10V Dimming to 1% | NX Lighting Controls | Standard 120–277V | CP Chicago Plenum ^{4,5} EMR 6W Emergency Battery Pack (CEC Title 20 Compliant) with remote test switch and indicator light ⁵ DTS Device Transfer Switch with Dimming Bypass ^{5,6} |
| LFR-6RD-M 6" Round Downlight Fixture Module for Direct Install <i>(Non-IC frame or IC housing available under Housing Options below)</i> | 15L | 1500 | 30K | 3000K | 9 | 90+ | | DM01 0–10V Dimming to < 1% ¹ | | | |
| | 20L | 2000 | 35K | 3500K | | | | PDM Phase (Forward/Reverse) Dimming to 1% ¹ | NXW NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor ² | | |
| | 25L | 2500 | 40K | 4000K | | | | DMX DMX with RDM dimming to < 0.1% ¹ | Networked Wired | | |
| | 30L | 3000 | 50K | 5000K | | | | DALI DALI Dimming to 1% ¹ | NXE NX Wired Dual RJ45 SmartPORTS, without Sensor ² | | |
| | 35L | 3500 | | | | | | EDM Lutron Hi-Lume EcoSystem Dimming to 1% ¹ | | | |
| | 40L | 4000 | | | | | | | | | |
| | 50L | 5000 | | | | | | | | | |
| | 60L | 6000 ¹ | | | | | | | | | |
| | 70L | 7000 ¹ | | | | | | | | | |
| | 80L | 8000 ¹ | | | | | | | | | |

TRIM (Ships separately)

| LFR-6RD-T | Trim Style | | Flange Color Options | Lens Options |
|---|------------|----------------------------|--|---|
| Aperture/Shape/Function | SH | Non-Conductive Shower Trim | WT White Trim and Flange BT Black Trim and Flange | AML Acrylic, Micro-prism PML Polycarbonate, Micro-prism GML Tempered glass, Micro-prism ACL Acrylic, Clear |
| LFR-6RD-T 6" Round Downlight Trim Assembly | | | | |

HOUSING OPTIONS (Ships separately)

| Aperture/Shape/Function | |
|--|---|
| <input type="checkbox"/> LFR-6RD-H | 6" Housing Frame, New Construction, Non-IC |
| <input type="checkbox"/> LFR-6RD-H-IC | 6" Housing Enclosure, New Construction, IC Rated ^{7,8} |

| Accessories | |
|--|---|
| <input type="checkbox"/> LiteGear | LiteGear® Inverter, 125VA–250VA |
| <input type="checkbox"/> LPS Series | LightPower Micro-Inverter, 20VA–55VA |
| <input type="checkbox"/> LF-MOR6-R-WH | Metal Oversized Ring, 6" Round, White (10.12" outside diameter) |

Notes:

- DM01, PDM, DMX, DALI available up to 50L. EDM available 15L–40L.
- NX requires DM1 driver option.
- 347V requires DM1 driver option; available 10L–40L; not available with Controls, DTS, EMR.
- CP not available with PDM, DMX, or Controls.
- Module options not available in combination.
- DTS available with DM1, DM01 or DALI.
- IC available up to 35L; 10L–15L 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, EMR, DTS.

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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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PERFORMANCE DATA TABLE

Performance data provided below is for 3500K, 80 CRI

| Lumen Package | Nominal Lumens | Distribution | Delivered Lumens | Watts | LPW |
|---------------|----------------|----------------------------------|------------------|-------|-----|
| 10L | 1000 | Acrylic Micro-prism (AML) | 613 | 7.3 | 84 |
| | | Polycarbonate Micro-prism (PML) | 584 | 7.3 | 80 |
| | | Tempered Glass Micro-prism (GML) | 614 | 7.3 | 84 |
| 15L | 1500 | Acrylic Clear (ACL) | 616 | 7.3 | 84 |
| | | Acrylic Micro-prism (AML) | 942 | 11.4 | 83 |
| | | Polycarbonate Micro-prism (PML) | 898 | 11.4 | 79 |
| 20L | 2000 | Tempered Glass Micro-prism (GML) | 944 | 11.4 | 83 |
| | | Acrylic Clear (ACL) | 947 | 11.4 | 83 |
| | | Acrylic Micro-prism (AML) | 1214 | 14.4 | 84 |
| 25L | 2500 | Polycarbonate Micro-prism (PML) | 1157 | 14.4 | 80 |
| | | Tempered Glass Micro-prism (GML) | 1215 | 14.4 | 84 |
| | | Acrylic Clear (ACL) | 1220 | 14.4 | 85 |
| 30L | 3000 | Acrylic Micro-prism (AML) | 1598 | 19.5 | 82 |
| | | Polycarbonate Micro-prism (PML) | 1523 | 19.5 | 78 |
| | | Tempered Glass Micro-prism (GML) | 1601 | 19.5 | 82 |
| 35L | 3500 | Acrylic Clear (ACL) | 1606 | 19.5 | 82 |
| | | Acrylic Micro-prism (AML) | 1957 | 24.3 | 81 |
| | | Polycarbonate Micro-prism (PML) | 1865 | 24.3 | 77 |
| 40L | 4000 | Tempered Glass Micro-prism (GML) | 1960 | 24.3 | 81 |
| | | Acrylic Clear (ACL) | 1967 | 24.3 | 81 |
| | | Acrylic Micro-prism (AML) | 2298 | 29.1 | 79 |
| 45L | 4500 | Polycarbonate Micro-prism (PML) | 2190 | 29.1 | 75 |
| | | Tempered Glass Micro-prism (GML) | 2301 | 29.1 | 79 |
| | | Acrylic Clear (ACL) | 2309 | 29.1 | 79 |
| 50L | 5000 | Acrylic Micro-prism (AML) | 2544 | 32.6 | 78 |
| | | Polycarbonate Micro-prism (PML) | 2425 | 32.6 | 74 |
| | | Tempered Glass Micro-prism (GML) | 2548 | 32.6 | 78 |
| 55L | 5500 | Acrylic Clear (ACL) | 2557 | 32.6 | 78 |
| | | Acrylic Micro-prism (AML) | 3169 | 42.3 | 75 |
| | | Polycarbonate Micro-prism (PML) | 3020 | 42.3 | 71 |
| 60L | 6000 | Tempered Glass Micro-prism (GML) | 3173 | 42.3 | 75 |
| | | Acrylic Clear (ACL) | 3184 | 42.3 | 75 |
| | | Acrylic Micro-prism (AML) | 3930 | 50.1 | 78 |
| 65L | 6500 | Polycarbonate Micro-prism (PML) | 3746 | 50.1 | 75 |
| | | Tempered Glass Micro-prism (GML) | 3936 | 50.1 | 79 |
| | | Acrylic Clear (ACL) | 3950 | 50.1 | 79 |
| 70L | 7000 | Acrylic Micro-prism (AML) | 4574 | 59.5 | 77 |
| | | Polycarbonate Micro-prism (PML) | 4360 | 59.5 | 73 |
| | | Tempered Glass Micro-prism (GML) | 4581 | 59.5 | 77 |
| 75L | 7500 | Acrylic Clear (ACL) | 4597 | 59.5 | 77 |
| | | Acrylic Micro-prism (AML) | 5251 | 70.1 | 75 |
| | | Polycarbonate Micro-prism (PML) | 5005 | 70.1 | 71 |
| 80L | 8000 | Tempered Glass Micro-prism (GML) | 5259 | 70.1 | 75 |
| | | Acrylic Clear (ACL) | 5277 | 70.1 | 75 |

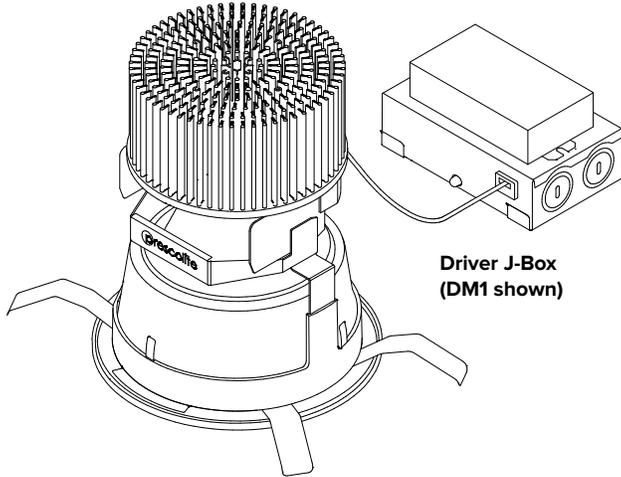
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DIMENSIONS

LFR-6RD-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.



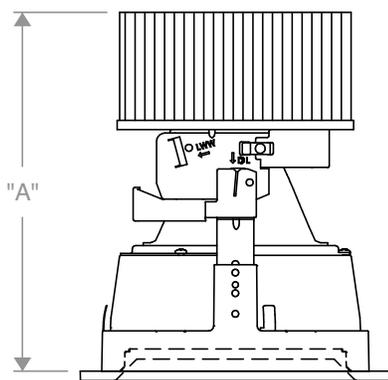
**Light Engine
with Trim assembly installed**

| DIMENSIONAL DATA | | |
|-------------------|-------------|-------------------------------|
| APERTURE | | Ø5.75" (101.6mm) |
| OVERALL | | Ø 7.13" (181.0mm) |
| FLANGE WIDTH | Standard | 0.69" (17.5mm) |
| | Flush Mount | 0.20" (5.1mm) |
| FLANGE TO FLANGE | Standard | Ø7.13" (136.6mm) |
| | Flush Mount | Ø6.15" (156.2mm) |
| CEILING CUTOUT | Standard | Ø6.50" (165.1mm) |
| | Flush Mount | Ø6.63" (168.4mm) |
| CEILING THICKNESS | | 0.50" – 2.50" (12.7 – 63.5mm) |

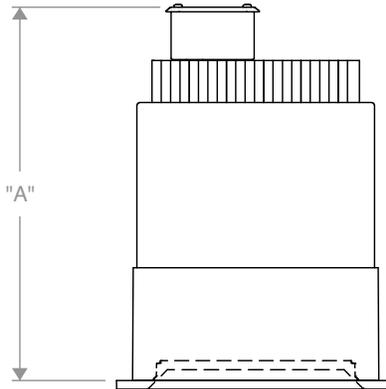
LFR-6RD LIGHT ENGINE

| OVERALL LIGHT ENGINE HEIGHT "A" * | | |
|-----------------------------------|----------------|-----------------|
| LUMEN PACKAGE | FIXTURE MODULE | |
| 10L-35L | STANDARD | 6.71" (170.5mm) |
| | CP | 8.11" (205.9mm) |
| 40L-50L | STANDARD | 7.28" (185.0mm) |
| | CP | 8.68" (220.4mm) |
| 60L-80L | STANDARD | 8.47" (215.2mm) |
| | CP | 9.89" (250.6mm) |

* Note: Add ½" minimum plenum clearance above overall Light Engine Height.
** For ≥60L: 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.



Side View Standard



Side View CP - Chicago Plenum

LFR-6RD (SH)

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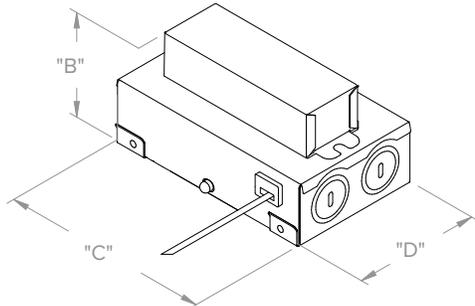
DIMENSIONS CONTINUED

DRIVER J-BOX

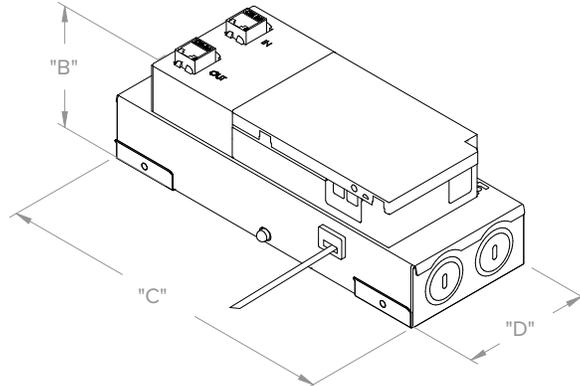
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TYPE: _____ PROJECT: _____

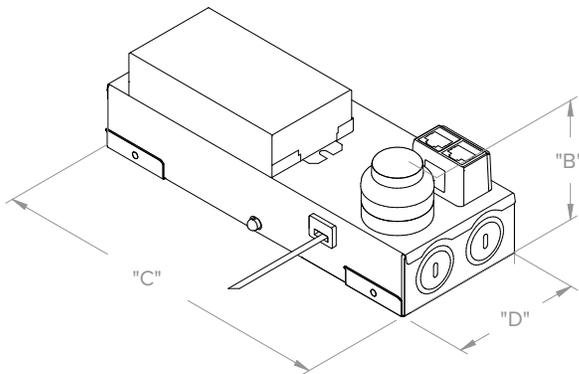
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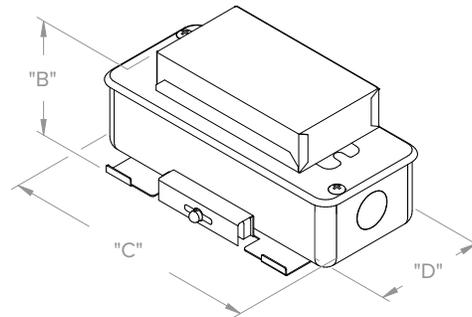
DM1 / DM01 / PDM / DALI



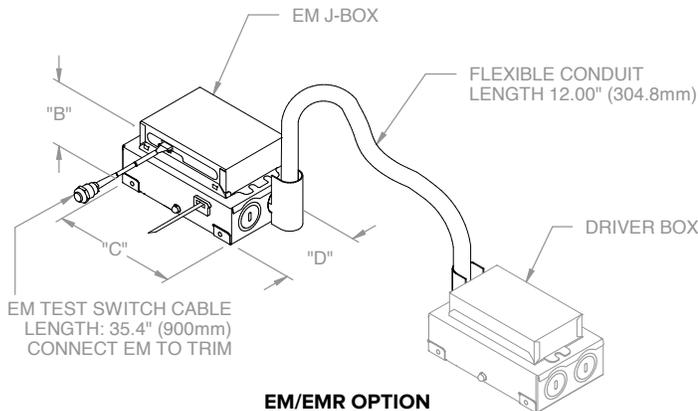
DMX



NX CONTROLS OPTION



CP



EM/EMR OPTION

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

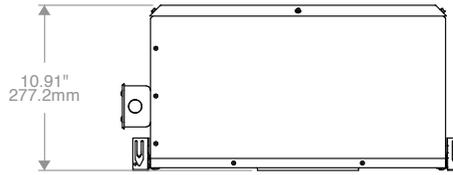
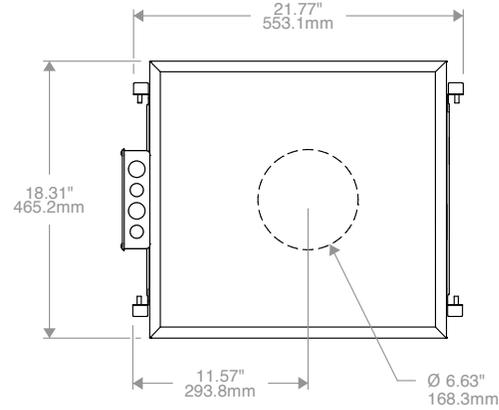
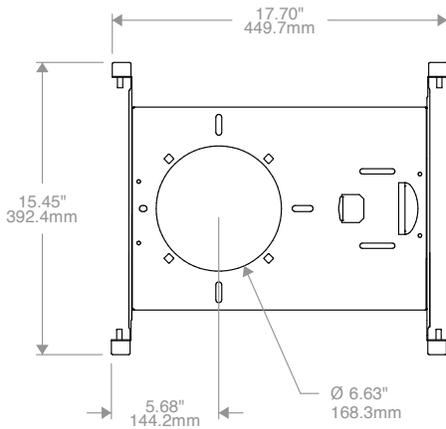
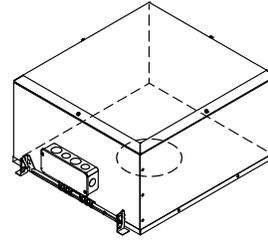
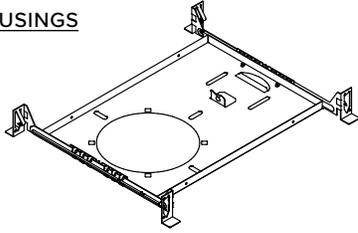
| OVERALL DRIVER J-BOX DIMENSIONS (ALL LUMEN OUTPUTS) | | | | |
|---|-------------------|--------------------|-------------------|---|
| DRIVER/ CONTROLS OPTIONS | "B" (HEIGHT) | "C" (LENGTH) | "D" (WIDTH) | MINIMUM J-BOX PLENUM CLEARANCE |
| DM1 / DM01 / PDM / DALI | 2.67" (67.8mm) | 5.34" (135.6mm) | 3.23" (82.0mm) | 3.00" (76.2mm) |
| DMX | 3.07" (78.0mm) | 8.68" (220.5mm) | 3.23" (82.0mm) | 3.50" (88.9mm) |
| NX | 3.02" (76.7mm) | 8.68" (220.5mm) | 3.23" (82.0mm) | 3.75" (95.3mm) |
| EM/EMR | 2.73" (69.3mm) | 5.34" (135.6mm) | 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) |

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DIMENSIONS CONTINUED

OPTIONAL HOUSINGS

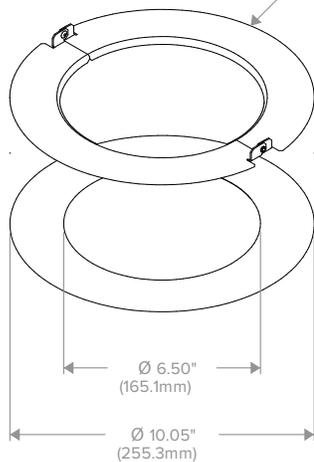


2.14"
54.4mm

**LFR-6RD-H
NON-IC HOUSING FRAME**

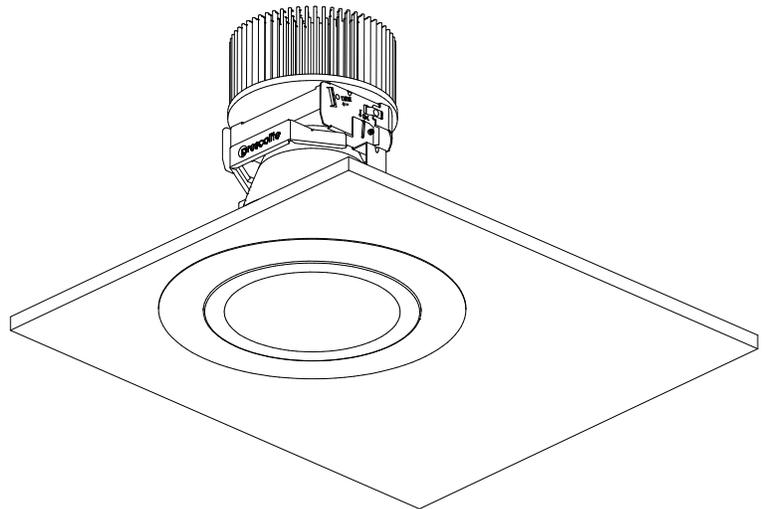
**LFR-6RD-H-IC
IC HOUSING**
Not for use with CP Shroud

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



**ROUND LF-MOR6-R
METAL OVERSIZED RING**

(See LF-MOR Installation Instruction for more details)



LFR-6RD (SH)

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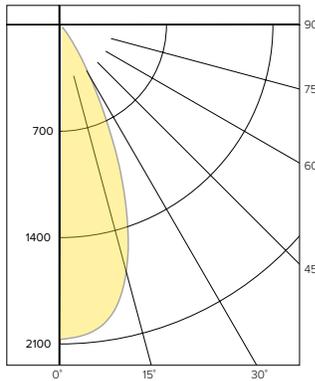
PHOTOMETRY

LFR-6RD-M-20L35K8-DM1 / LFR-6RD-T-SH-WTGML

LUMINAIRE DATA

| | |
|-------------------|--|
| Test No. | 22.00603 |
| Description | 2000 lm, Acrylic Micro-prism lens, 3500K, 80 CRI |
| Delivered Lumens | 1215 |
| Watts | 14.4W |
| Efficacy | 84 |
| Mounting | Recessed |
| Spacing Criterion | 0.7 |
| Beam Angle (FWHM) | 45 |

POLAR GRAPH



CANDELA DISTRIBUTION

| Degree | Candela |
|--------|---------|
| 0 | 2065 |
| 5 | 2037 |
| 15 | 1680 |
| 25 | 789 |
| 35 | 192 |
| 45 | 48 |
| 55 | 19 |
| 65 | 10 |
| 75 | 4 |
| 85 | 0 |
| 90 | 0 |

LUMINANCE DATA*

| Vertical Angle | Average |
|----------------|---------|
| 45° | 4234 |
| 55° | 2066 |
| 65° | 1476 |
| 75° | 964 |
| 85° | 0 |

*Candela/Square Meter

ZONAL LUMEN SUMMARY

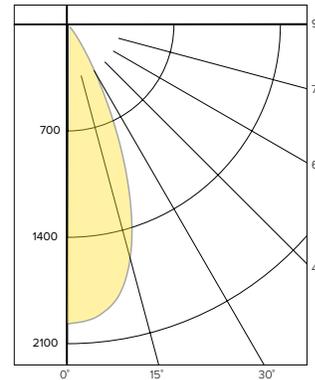
| Zone | Lumens | % Luminaire |
|-------|--------|-------------|
| 0-40 | 1143 | 94.0 |
| 0-60 | 1200 | 98.7 |
| 0-90 | 1215 | 100.0 |
| 0-180 | 1215 | 100.0 |

LFR-6RD-M-20L35K8-DM1 / LFR-6RD-T-SH-WTPML

LUMINAIRE DATA

| | |
|-------------------|--|
| Test No. | 22.00604 |
| Description | 2000 lm, Polycarbonate Micro-prism lens, 3500K, 80 CRI |
| Delivered Lumens | 1157 |
| Watts | 14.4W |
| Efficacy | 80 |
| Mounting | Recessed |
| Spacing Criterion | 0.7 |
| Beam Angle (FWHM) | 45 |

POLAR GRAPH



CANDELA DISTRIBUTION

| Degree | Candela |
|--------|---------|
| 0 | 1969 |
| 5 | 1942 |
| 15 | 1598 |
| 25 | 752 |
| 35 | 185 |
| 45 | 45 |
| 55 | 18 |
| 65 | 9 |
| 75 | 4 |
| 85 | 0 |
| 90 | 0 |

LUMINANCE DATA*

| Vertical Angle | Average |
|----------------|---------|
| 45° | 3969 |
| 55° | 1957 |
| 65° | 1328 |
| 75° | 964 |
| 85° | 0 |

*Candela/Square Meter

ZONAL LUMEN SUMMARY

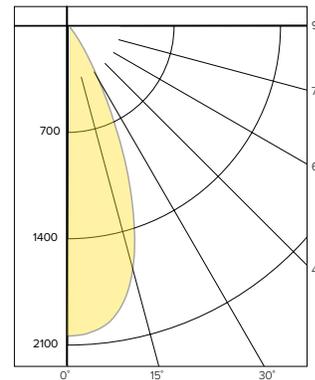
| Zone | Lumens | % Luminaire |
|-------|--------|-------------|
| 0-40 | 1089 | 94.1 |
| 0-60 | 1143 | 98.8 |
| 0-90 | 1157 | 100.0 |
| 0-180 | 1157 | 100.0 |

LFR-6RD-M-20L35K8-DM1 / LFR-6RD-T-SH-WTAML

LUMINAIRE DATA

| | |
|-------------------|---|
| Test No. | 22.00605 |
| Description | 2000 lm, Tempered Glass Micro-prism lens, 3500K, 80 CRI |
| Delivered Lumens | 1214 |
| Watts | 14.4W |
| Efficacy | 84 |
| Mounting | Recessed |
| Spacing Criterion | 0.7 |
| Beam Angle (FWHM) | 45 |

POLAR GRAPH



CANDELA DISTRIBUTION

| Degree | Candela |
|--------|---------|
| 0 | 2046 |
| 5 | 2020 |
| 15 | 1664 |
| 25 | 785 |
| 35 | 196 |
| 45 | 50 |
| 55 | 21 |
| 65 | 11 |
| 75 | 5 |
| 85 | 0 |
| 90 | 0 |

LUMINANCE DATA*

| Vertical Angle | Average |
|----------------|---------|
| 45° | 4410 |
| 55° | 2284 |
| 65° | 1623 |
| 75° | 1205 |
| 85° | 0 |

*Candela/Square Meter

ZONAL LUMEN SUMMARY

| Zone | Lumens | % Luminaire |
|-------|--------|-------------|
| 0-40 | 1136 | 93.6 |
| 0-60 | 1197 | 98.6 |
| 0-90 | 1214 | 100.0 |
| 0-180 | 1214 | 100.0 |

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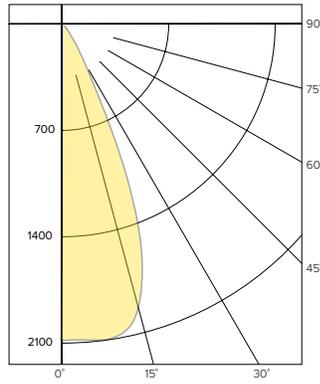
PHOTOMETRY CONTINUED

LFR-6RD-M-20L35K8-DM1 / LFR-6RD-T-SH-WTACL

LUMINAIRE DATA

| | |
|-------------------|--|
| Test No. | 22.00606 |
| Description | 2000 lm, Acrylic Clear lens, 3500K, 80 CRI |
| Delivered Lumens | 1220 |
| Watts | 14.4W |
| Efficacy | 85 |
| Mounting | Recessed |
| Spacing Criterion | 0.7 |
| Beam Angle (FWHM) | 46 |

POLAR GRAPH



CANDELA DISTRIBUTION

| Degree | Candela |
|--------|---------|
| 0 | 2087 |
| 5 | 2093 |
| 15 | 1939 |
| 25 | 758 |
| 35 | 136 |
| 45 | 26 |
| 55 | 13 |
| 65 | 6 |
| 75 | 2 |
| 85 | 0 |
| 90 | 0 |

LUMINANCE DATA*

| Vertical Angle | Average |
|----------------|---------|
| 45° | 2293 |
| 55° | 1414 |
| 65° | 886 |
| 75° | 482 |
| 85° | 0 |

*Candela/Square Meter

ZONAL LUMEN SUMMARY

| Zone | Lumens | % Luminaire |
|-------|--------|-------------|
| 0-40 | 1177 | 96.5 |
| 0-60 | 1211 | 99.3 |
| 0-90 | 1220 | 100 |
| 0-180 | 1220 | 100 |

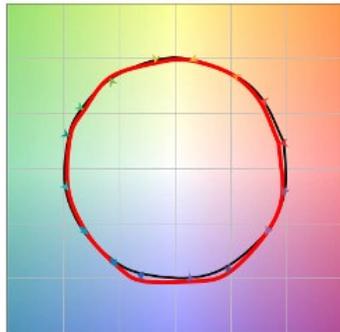
LUMEN MULTIPLIER

| Option | 27K8 | 30K8 | 35K8 | 40K8 | 50K8 | 27K9 | 30K9 | 35K9 | 40K9 | 50K9 |
|------------|------|------|------|------|------|------|------|------|------|------|
| Multiplier | 0.93 | 0.96 | 1.00 | 1.01 | 1.03 | 0.78 | 0.82 | 0.85 | 0.87 | 0.89 |

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.

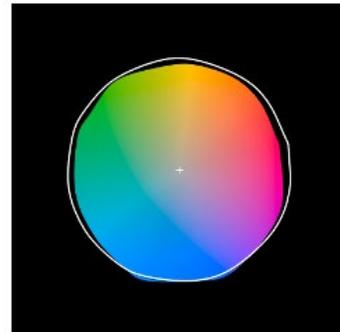
TM-30 DATA

COLOR VECTOR GRAPHIC 3500K, 90 CRI



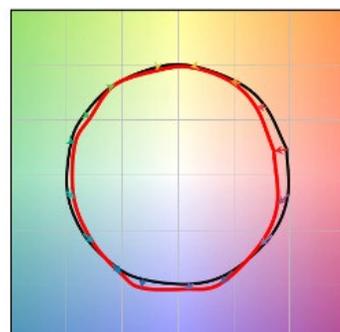
— Reference Illuminant — Test Source

COLOR DISTORTION GRAPHIC 3500K, 90 CRI



| TEST RESULTS - 3500K | | |
|----------------------|---------|---------|
| Value | 80+ CRI | 90+ CRI |
| R _t | 85 | 90 |
| R _g | 95 | 99 |
| CCT (K) | 3422 | 3416 |
| D _{uv} | -0.0008 | -0.0019 |
| x | 0.4089 | 0.408 |
| y | 0.3906 | 0.3877 |
| CIE R _a | 85 | 93 |
| CIE R _g | 16 | 66 |

COLOR VECTOR GRAPHIC 3500K, 80 CRI



— Reference Illuminant — Test Source

COLOR DISTORTION GRAPHIC 3500K, 80 CRI



LFR-6RD (SH)

LITEFRAME 6" ROUND

NON-CONDUCTIVE SHOWER DOWNLIGHT

ELECTRICAL DATA

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

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

ADDITIONAL INFORMATION

Dimming Compatibility

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

DMX

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

Central Inverters

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

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.