



# CLEAN ROOM LED

## FCR720 (2X4) SERIES (2X2 AVAILABLE)

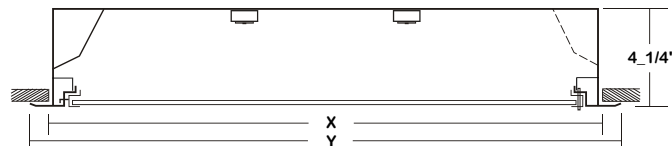
CLASS 1000/10000 TRIM FLANGE CLEAN ROOM LUMINAIRE

|      |  |
|------|--|
| JOB  |  |
| TYPE |  |
| DATE |  |

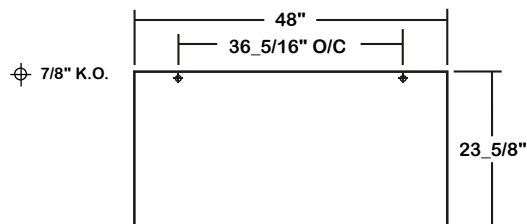
WWW.LALIGHTING.COM  
626-454-8300

### CLASS 1000/10000 RECESSED MOUNTED LED LUMINAIRE

### DIMENSIONS



Ceiling Opening X - 24\_1/2" X 48\_1/2"  
Overall Width By Length Y - 25\_5/8" X 50"



### APPLICATIONS

- Clean Room, Sealed Ceiling Areas, Commercial

### FEATURES

- 0-10V dimming driver standard
- Supports California Title 24 compliance

### OPTIONS

- Full customization available upon request
- Additional lumen packages and color temperatures available
- Controls and sensors available
- Wireless control options available
- Variety of lenses available
- Emergency battery pack available
- Antimicrobial finished housing and door frame available
- Tamper proof screws available
- Hanger yokes available

### SPECIFICATIONS

#### CONSTRUCTION

- Class 1000/10000 / ISO Class 6 equivalent / ISO Class 7 equivalent
- 22 ga. cold rolled steel welded housing
- All parts fitted and sealed
- 20 ga. cold rolled steel door frame secured by T-hinges and positive spring loaded latches
- Door frame sealed with neoprene gasket

#### FINISH

- Baked white powder coated finish / welded and painted after fabrication / minimum reflectance 90%

#### OPTICAL

- Inverted clear prismatic acrylic lens (nominal 0.125) standard

#### ELECTRICAL

- High efficiency drivers coupled with long-life LEDs
- Service life greater than 50,000 hours (L70)
- Universal voltage 120V through 277V (347V / 480V available)
- Power Factor (PF)  $\geq 0.9$
- Total Harmonic Distortion (THD)  $\leq 20\%$

#### LISTING

- UL USA and Canada listed / suitable for damp locations

#### WARRANTY

- 5-year limited warranty 10-year limited warranty available



**Los Angeles Lighting Mfg. Co.**  
Headquarters Contact Us  
10141 Olney Street T: 626-454-8300  
El Monte, CA 91731 F: 626-454-8399  
Made in the USA www.lalighting.com



BAA Compliant



Due to continued product improvements and enhancements, Los Angeles Lighting Manufacturing Company reserves the right to alter specifications, dimensions, data, and/or materials without notice. Please visit our website to view the most current information.



MADE IN THE U.S.A.

Revised 07/17/20

WARNING

**FCR720 (2X4) SERIES CLASS 1000 / 1000 TRIM FLANGE CLEAN ROOM LUMINAIRE LED CLEAN ROOM**

**ORDERING INFORMATION**

**EXAMPLE:** FCR720-4-4L-FSW-PA2-TP-BPL1.5-DRDM-UNV-2/840

| SERIES   | LED LUMEN PACKAGE  | EFFICACY  | NOMINAL LENGTH       | FINISH  | DOOR FRAME                                    | OPTICAL   | MECHANICAL  | ELECTRICAL  | DRIVER                           | VOLTAGE              | # OF LED ROW          | CRI / CCT   |
|--|--|---|----------------------|---|---|---|---|---|----------------------------------|----------------------|-----------------------|---|
| <b>FCR720</b>  |  |   | <b>4L</b>            |   | <b>FSW</b>                                    |   |   |   | <b>DRDM</b>                      | <b>UNV</b>           | <b>2</b>              |   |
| <b>FCR720</b><br>Class 1000 / 10000 Trim Flange Clean Room LED Luminaire | <b>2</b> Nom. 2000 Lumens<br><b>4</b> Nom. 4000 Lumens<br><b>6</b> Nom. 6000 Lumens<br><b>8</b> Nom. 8000 Lumens<br><b>12</b> Nom. 12000 Lumens<br><br><b>*Additional Lumen Packages Available</b> | <b>(Blank)</b> Standard<br><br><b>HE</b> High Efficacy (Only 2000 / 4000 / 6000 / 12000 lumens Systems) | <b>4L</b><br>2' x 4' | <b>AMF</b> Antimicrobial Finished Housing and Door Frame<br><br>*Leave Blank if Not Specified | <b>FSW</b> Flat Steel White Enamel Door Frame | <b>PA2</b> Clear Prismatic Acrylic 0.125 Nominal<br><br><b>FPA2</b> Frosted Prismatic Acrylic 0.125 Nominal | <b>TP</b> Tamper Proof Screws (Hex Socket with Post)<br><br>*Leave Blank if Not Specified | <b>BPL1.5</b> Emergency Battery Pack, Nom. 1500 lm<br><br><b>MSxx</b> Motion Sensor<br><br><b>WLC(LED RU)</b> Wireless Control<br><br>*Leave Blank if Not Specified | <b>DRDM</b> 0-10V Dimming Driver | <b>UNV</b> 120V-277V | <b>2</b> Two LED Rows | <b>830</b> 80+CRI / 3000K Color Temp.<br><br><b>835</b> 80+CRI / 3500K Color Temp.<br><br><b>840</b> 80+CRI / 4000K Color Temp.<br><br><b>850</b> 80+CRI / 5000K Color Temp.<br><br><i>*Additional CRI &amp; Color Temp</i> |

**SYSTEM DATA**

**THESE ARE THE MOST POPULAR LUMEN PACKAGES. PLEASE CONSULT FACTORY FOR ADDITIONAL SYSTEM DATA.**

| LED LUMEN PACKAGE      | NORMAL AMBIENT TEMPERATURE PRODUCT CODE | DELIVERED LUMENS | SYSTEM WATTS | LUMINAIRE EFFICACY | AMBIENT TEMP. | FLUORESCENT EQUIVALENT | IES FILES                  |
|------------------------|---|------------------|--------------|--------------------|---------------|------------------------|----------------------------|
| 2000 Lumens (Nominal)  | FCR720-2-4L-FSW-PA2-DRDM-UNV-2/840      | 1763 lm          | 15.2 W       | 116.0 lm/W         | -20°C / 35°C  | 1-F32T8                | *                          |
| 4000 Lumens (Nominal)  | FCR720-4-4L-FSW-PA2-DRDM-UNV-2/840      | 3447 lm          | 31.3 W       | 110.1 lm/W         | -20°C / 35°C  | 2-F32T8, 1-F54T5HO     | <a href="#">LA-T3174-3</a> |
| 6000 Lumens (Nominal)  | FCR720-6-4L-FSW-PA2-DRDM-UNV-2/840      | 4903 lm          | 45.5 W       | 107.9 lm/W         | -20°C / 35°C  | 3-F32T8                | <a href="#">LA-T3395-3</a> |
| 8000 Lumens (Nominal)  | FCR720-8-4L-FSW-PA2-DRDM-UNV-2/840      | 6587 lm          | 66.7 W       | 98.8 lm/W          | -20°C / 35°C  | 4-F32T8, 2-F54T5HO     | *                          |
| 12000 Lumens (Nominal) | FCR720-12-4L-FSW-PA2-DRDM-UNV-2/840     | 9419 lm          | 104.1 W      | 90.0 lm/W          | -20°C / 35°C  | 6-F32T8, 3-F54T5HO     | *                          |

| LED LUMEN PACKAGE      | NORMAL AMBIENT TEMPERATURE (HIGH EFFICACY) PRODUCT CODE | DELIVERED LUMENS | SYSTEM WATTS | LUMINAIRE EFFICACY | AMBIENT TEMP. | FLUORESCENT EQUIVALENT | IES FILES |
|------------------------|---|------------------|--------------|--------------------|---------------|------------------------|-----------|
| 2000 Lumens (Nominal)  | FCR720-2HE-4L-FSW-PA2-DRDM-UNV-2/840                    | 1616 lm          | 12.6 W       | 128.7 lm/W         | -20°C / 35°C  | 1-F32T8                | *         |
| 4000 Lumens (Nominal)  | FCR720-4HE-4L-FSW-PA2-DRDM-UNV-2/840                    | 3272 lm          | 25.4 W       | 128.9 lm/W         | -20°C / 35°C  | 2-F32T8, 1-F54T5HO     | *         |
| 6000 Lumens (Nominal)  | FCR720-6HE-4L-FSW-PA2-DRDM-UNV-2/840                    | 4904 lm          | 38.5 W       | 127.4 lm/W         | -20°C / 35°C  | 3-F32T8                | *         |
| 8000 Lumens (Nominal)  | FCR720-8HE-4L-FSW-PA2-DRDM-UNV-2/840                    | 6513 lm          | 51.8 W       | 125.6 lm/W         | -20°C / 35°C  | 4-F32T8, 2-F54T5HO     | *         |
| 12000 Lumens (Nominal) | FCR720-12HE-4L-FSW-PA2-DRDM-UNV-2/840                   | 9663 lm          | 79.3 W       | 121.9 lm/W         | -20°C / 35°C  | 6-F32T8, 3-F54T5HO     | *         |

**NOTE:**

System data above is based on 120V input voltage.  
 Actual performance may differ as a result of end-user environment and application.  
 This fixture has been tested and listed in accordance with UL Standards. L.A. Lighting certifies that it will operate safely when installed properly, and within an ambient temperature range from -20°C to 35°C.  
 Additional lumen packages and color temperatures available.



**Los Angeles Lighting Mfg. Co.**  
 Headquarters Contact Us  
 10141 Olney Street T: 626-454-8300  
 El Monte, CA 91731 F: 626-454-8399  
 Made in the USA www.lalighting.com



**BAA Compliant**



Due to continued product improvements and enhancements, Los Angeles Lighting Manufacturing Company reserves the right to alter specifications, dimensions, data, and/or materials without notice. Please visit our website to view the most current information.



**MADE IN THE U.S.A.**

Revised 07/17/20

**WARNING**

**DRIVER OPTIONS**

PLEASE CONSULT FACTORY TO SEE IF YOUR SELECTED DRIVER OPTION WORKS WITH THIS FIXTURE.

**DRDM (TY) UNV**

**VOLTAGE**

- 120V** 120 Volt
- 277V** 277 Volt
- UNV** Universal 120-277 Volt \*
- 347V** 347 Volt
- 480V** 480 Volt

**TY**

- TY** 10-Years Limited Warranty

**DRIVER TYPE**

- DRDM** 0-10V Dimming Driver \*
- DRDM1** 0-10V Dimming Driver, 1% Dimming
- DRDM2C** 2-Channel 0-10V Dimming Driver (for Color Tunable White)
- DR2W** 2-Wire Phase Dimming Driver
- DRDA** Digital Addressable DALI Dimming Driver
- DRDA2C** Digit Digital Addressable DALI Type8 2-Channel Driver (for Color Tunable White)
- DRDA2.0** Digital Addressable DALI 2.0 Dimming Driver
- DRDA2.02C** Digital Addressable DALI 2.0 Type8 2-Channel Driver (for Color Tunable White)
- DRSD** Step Dimming Driver
- DR(LTEA2W)** Lutron® 2-Wire 1% Dimming Driver (120V Forward Phase only)
- DR(LDE1)** Lutron® EcoSystem 1% Soft-On, Fade-to-Black™ Dimming Driver
- DR(LDE5)** Lutron® EcoSystem 5% Dimming Driver
- DR(PEQ0E)** Lutron® EcoSystem 0.1% Soft-On, Fade-to-Black Dimming Driver
- DR(PSQ020)** Lutron® T-Series Digital 1% Dimming 2-Channel Driver (for Color Tunable White)
- DRCR** Control Ready Driver
- DRCR(DXL)** Osram Dexal Driver
- DRCR(SR)** Philips Sensor Ready Driver

**BATTERY PACK OPTIONS**

PLEASE CONSULT FACTORY TO SEE IF YOUR SELECTED BATTERY PACK OPTION WORKS WITH THIS FIXTURE.

LED EMERGENCY BATTERY PACKS  
(Operate for 90 minutes unless otherwise specified)

**BPL SL 1.5 (2H)**

**NOTE**

- 2H** 2 hours

**LUMEN PACKAGE**

- 0.7** Nominal 750 Lumens
  - 1.5** Nominal 1500 Lumens \*
  - 3.0** Nominal 3000 Lumens
- \*Additional lumen packages available*

**TYPE**

- (Blank)** Normal Ambient Temp. / Standard Operation
- C** Cold Environment (-20°C)
- F** With Flex for Remote Mounting
- SL** Slim Casing
- ST** Self Test / Diagnostic

\* Normal Stock Item



**Los Angeles Lighting Mfg. Co.**  
 Headquarters Contact Us  
 10141 Olney Street T: 626-454-8300  
 El Monte, CA 91731 F: 626-454-8399  
 Made in the USA www.lalighting.com



**BAA Compliant**



Due to continued product improvements and enhancements, Los Angeles Lighting Manufacturing Company reserves the right to alter specifications, dimensions, data, and/or materials without notice. Please visit our website to view the most current information.



**MADE IN THE U.S.A.**

Revised 07/17/20

**WARNING**

**SENSOR OPTIONS****HIGH FREQUENCY - INTERNALLY MOUNTED BEHIND FIXTURE LENS****MSHPC - Motion Sensor High Frequency (Microwave) with Photocell Option**

- Super high frequency motion sensor (also known as microwave sensor) which detects movement when installed behind low density fixture materials, such as polycarbonate, acrylic and glass diffusers
- Holds lights OFF when sufficient daylight is present regardless of motion detection
- Selectable sensitivity and detection area
- Universal Voltage (120V-277V)
- Photocell is disabled by default

**MSH - Motion Sensor High Frequency (Microwave)**

- Super high frequency motion sensor (also known as microwave sensor) which detects movement when installed behind low density fixture materials, such as polycarbonate, acrylic and glass diffusers
- Turns light ON/OFF based on motion detection
- Universal Voltage (120V-277V)

**CONTROLS AND SENSORS****WLC(LED RU) - EnOcean® LED Relay Zone Controller**

- Supports a single LED fixture or multiple daisy chained LED fixtures
- Module installed inside lighting fixture

**ESRPU-W-EO - EnOcean® Rocker Switch – Single – Surface Mount**

- Wireless single rocker switch with mounting plate
- No batteries needed

**EDRPU-W-EO - EnOcean® Rocker Switch – Double – Surface Mount**

- Wireless double rocker switch with mounting plate
- No batteries needed

**S3054-N300 - EnOcean® Navigan NWC 300U – Commissioning Tool**

- Navigan Wireless Commissioner is used to configure EnOcean controllers & sensors
- It can be used to define link tables, change parameters/settings, and to edit & store projects
- Configuration settings can be saved and cloned to enable quick configuration
- Connectivity is through the NWC 300U USB Stick

**EOSWU-W-EO - EnOcean® Occupancy Sensor – Wall Mount**

- Wireless wall mounted occupancy sensor
- Solar powered - no batteries needed (coin battery operated in low light conditions)
- PIR motion sensor with both wide angle (50') and long range (100') options
- Mounting height: 6-8 feet

**EOSCU-W-EO - EnOcean® Occupancy Sensor – Ceiling Mount**

- Wireless ceiling mounted occupancy sensor
- Solar powered - no batteries needed (coin battery operated in low light conditions)
- PIR motion sensor with 360 degree viewing angle lens (34' diameter)
- Mounting height: 7-10 feet

**ELLSU-W-EO - EnOcean® Light Level Sensor – Ceiling Mount**

- Light Level sensor that measures and reports the level of available natural light
- Solar powered - no batteries needed (coin battery operated in low light conditions)
- Enables implementation of daylight harvesting control systems
- Mounting position: At the ceiling, close to ambient light source



**Los Angeles Lighting Mfg. Co.**  
 Headquarters Contact Us  
 10141 Olney Street T: 626-454-8300  
 El Monte, CA 91731 F: 626-454-8399  
 Made in the USA www.lalighting.com



BAA Compliant



Due to continued product improvements and enhancements, Los Angeles Lighting Manufacturing Company reserves the right to alter specifications, dimensions, data, and/or materials without notice. Please visit our website to view the most current information.



MADE IN THE U.S.A.

Revised 07/17/20

WARNING

## OPTICAL OPTIONS

## STANDARD LENSES FOR FCR720

|             |  |
|-------------|--|
| <b>PA2</b>  | Clear Prismatic Acrylic, Nom. 0.125 OA Thickness, Female Prisms 3/16 Square Base   |
| <b>FPA2</b> | Frosted Prismatic Acrylic, Nom. 0.125 OA Thickness, Female Prisms 3/16 Square Base |

## ADDITIONAL AVAILABLE LENSES

(Not all optics suitable for fixture. Please consult factory to ensure selected optical option suits fixture. Please consult factory regarding any optical options not shown)

EXTRUDED PRISMATIC PATTERNS - *Please consult factory for availability and suitability for selected fixture type.*

|               |   |
|---------------|---|
| * <b>FPA2</b> | Frosted Prismatic Acrylic, Nom. 0.125 OA Thickness, Female Prisms 3/16 Square Base                                      |
| * <b>PA</b>   | Clear Prismatic Acrylic, No Thickness Specified, Female Prisms 3/16 Square Base   |
| * <b>PA2</b>  | Clear Prismatic Acrylic, Nom. 0.125 OA Thickness, Female Prisms 3/16 Square Base  |
| * <b>PA3</b>  | Clear Prismatic Acrylic, Min. 0.125 OA Thickness, Female Prisms 3/16 Square Base  |
| * <b>PA8</b>  | Clear Prismatic Acrylic, Nom. 0.187 OA Thickness, Female Prisms 3/16 Square Base  |
| <b>P15</b>    | Clear Prismatic Acrylic, Nom. 0.200 OA Thickness, Female Prisms 3/8 Square Base   |
| <b>P195</b>   | Clear Prismatic Acrylic, Nom. 0.150 OA Thickness, Male Conical Prisms 3/16 Square Base                                  |
| <b>P3E</b>    | 3E Batwing Pattern Lens   |
| <b>P195RF</b> | Clear Prismatic Acrylic, 19 Shunts Radio Frequencies to Ground, Nom. 0.150 OA Thickness                                 |
| <b>PA2RF</b>  | Clear Prismatic Acrylic, 12 Shunts Radio Frequencies to Ground, Nom. 0.125 OA Thickness, Female Prisms 3/16 Square Base |

\* Normal stock item

FLAT SMOOTH LENSES - *Please consult factory for availability and suitability for selected fixture type.*

|              |  |            |  |
|--------------|--|------------|--|
| * <b>FFA</b> | Frosted Flat White Acrylic, No Thickness Specified | <b>CA</b>  | Clear Acrylic, No Thickness Specified  |
| <b>FFA2</b>  | Frosted Flat Acrylic, Nom. 0.125 Thickness         | <b>CA2</b> | Clear Acrylic, Nom. 0.125 OA Thickness |
| <b>FWA</b>   | Frosted White Stipple Finish, Nom. 0.080 Thickness | <b>CA8</b> | Clear Acrylic, Nom. 0.187 OA Thickness |

\* Normal stock item

HIGH IMPACT - *Please consult factory for availability and suitability for selected fixture type.*

|               |  |
|---------------|--|
| <b>VL25</b>   | Clear Polycarbonate, Nom. 0.125 Thickness with 0.125 Clear Prismatic Acrylic Overlay         |
| <b>VL37</b>   | Clear Polycarbonate, Nom. 0.250 Thickness with 0.125 Clear Prismatic Acrylic Overlay         |
| <b>CPC2</b>   | Clear Polycarbonate, Nom. 0.125 OA Thickness   |
| <b>CPC8</b>   | Clear Polycarbonate, Nom. 0.187 OA Thickness   |
| <b>PPC2</b>   | Clear Prismatic Polycarbonate, Nom. 0.125 OA Thickness, Female Prisms 3/16 Square Base       |
| <b>PPC8</b>   | Clear Prismatic Polycarbonate, Nom. 0.187 OA Thickness, Female Prisms 3/16 Square Base       |
| * <b>DRP2</b> | High Impact Clear Prismatic Acrylic, Nom. 0.125 OA Thickness, Female Prisms 3/16 Square Base |
| <b>DRP3</b>   | High Impact Clear Prismatic Acrylic, Min. 0.125 OA Thickness, Female Prisms 3/16 Square Base |
| * <b>DRP8</b> | High Impact Clear Prismatic Acrylic, Nom. 0.187 OA Thickness, Female Prisms 3/16 Square Base |

\* Normal stock item



**Los Angeles Lighting Mfg. Co.**  
 Headquarters Contact Us  
 10141 Olney Street T: 626-454-8300  
 El Monte, CA 91731 F: 626-454-8399  
 Made in the USA www.lalighting.com



BAA Compliant



Due to continued product improvements and enhancements, Los Angeles Lighting Manufacturing Company reserves the right to alter specifications, dimensions, data, and/or materials without notice. Please visit our website to view the most current information.



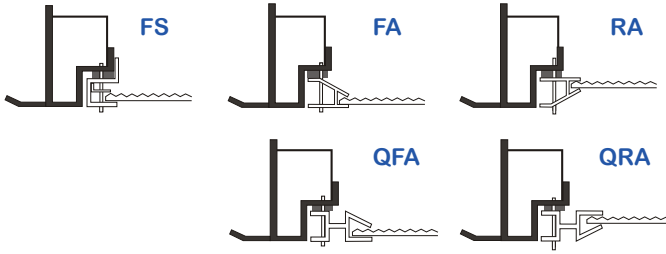
MADE IN THE U.S.A.

Revised 07/17/20

WARNING

**DOOR FRAME**

**CROSS SECTION**



**FEATURES**

- Inverted Lens
- T-Hinges with Positive Spring Loaded Latches
- Sealed with Neoprene Gasket
- Light Stop Covers Installed
- Internal Frame Rail

**FS W**

**FINISHES**

- W** White Enamel
- B** Black Enamel
- N** Natural Anodized Aluminum  
(Only FA / RA / QFA / QRA styles)

**STYLES**

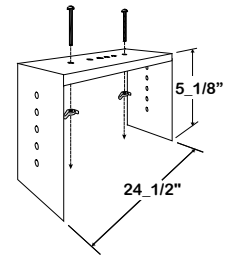
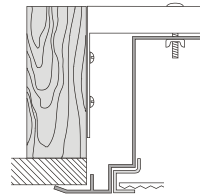
- FS** Flat Steel (with internal frame rail)
- FA** Flat Extruded Aluminum
- RA** 5/8" Regressed Extruded Aluminum
- QFA** Flat Extruded Aluminum-Black Reveal
- QRA** 1/2" Regressed Extruded Aluminum-Black Reveal

**ACCESSORIES**

**HS-24\_1/2**

- Hanger Yokes
- Compatible with all types of recessed flanged fixtures
- 1/4 - 20 x 3" machine screws locate into knockout on back of fixture housing
- Two (2) per fixture

Note: Must drill own holes. Caulking compound should be used to seal the holes.



**Los Angeles Lighting Mfg. Co.**  
 Headquarters Contact Us  
 10141 Olney Street T: 626-454-8300  
 El Monte, CA 91731 F: 626-454-8399  
 Made in the USA www.lalighting.com



**BAA Compliant**



Due to continued product improvements and enhancements, Los Angeles Lighting Manufacturing Company reserves the right to alter specifications, dimensions, data, and/or materials without notice. Please visit our website to view the most current information.



**MADE IN THE U.S.A.**

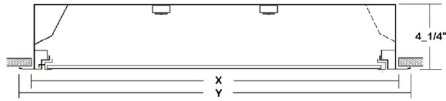
Revised 07/17/20

**WARNING**

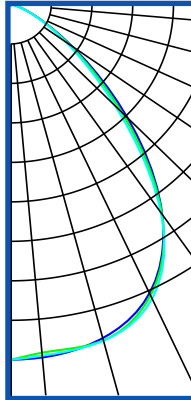
PHOTOMETRIC DATA - FCR720 SERIES

**FCR720-4-4L-FSW-PA2-DRDM-UNV-2/840**

TEST NO. = LA-T3174-3  
 LED TYPE = 48 LED MODULE  
 NO. OF MODULE = 4  
 SYSTEM WATT (W) = 31.3  
 CRI ≥ 80  
 L70(Hrs.) ≥ 50,000  
 PHOTOMETRY TYPE = C



2 X 4  
 Ceiling Opening X - 24\_1/2" X 48\_1/2"  
 Overall Width By Length Y - 25\_5/8" X 50"



**CANDLEPOWER**

| ANGLE | END  | 45   | CROSS |
|-------|------|------|-------|
| 0     | 1872 | 1872 | 1872  |
| 5     | 1867 | 1841 | 1857  |
| 15    | 1820 | 1832 | 1833  |
| 25    | 1679 | 1691 | 1710  |
| 35    | 1350 | 1349 | 1339  |
| 45    | 845  | 804  | 757   |
| 55    | 380  | 363  | 346   |
| 65    | 134  | 131  | 126   |
| 75    | 37   | 36   | 36    |
| 85    | 5    | 5    | 5     |
| 90    | 0    | 0    | 0     |
| 95    | 0    | 0    | 0     |
| 115   | 0    | 0    | 0     |
| 125   | 0    | 0    | 0     |
| 135   | 0    | 0    | 0     |
| 145   | 0    | 0    | 0     |
| 155   | 0    | 0    | 0     |
| 165   | 0    | 0    | 0     |
| 175   | 0    | 0    | 0     |
| 180   | 0    | 0    | 0     |

**ZONAL LUMEN SUMMARY**

| DEGREES | LUMENS | % LAMP | % FIXTURE |
|---------|--------|--------|-----------|
| 0-30    | 1479   | 32.9   | 42.9      |
| 0-40    | 2325   | 51.8   | 67.4      |
| 0-60    | 3273   | 73.0   | 94.9      |
| 0-90    | 3447   | 76.8   | 100.0     |
| 90-120  | .04    | 0.0    | 0.0       |
| 90-150  | .04    | 0.0    | 0.0       |
| 90-180  | .04    | 0.0    | 0.0       |
| 0-180   | 3447   | 76.8   | 100.00    |

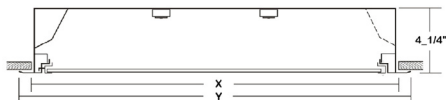
Luminaire Output= 3447 lumens  
 Luminaire Efficacy = 110.1 lm/W

**SPACING CRITERION**

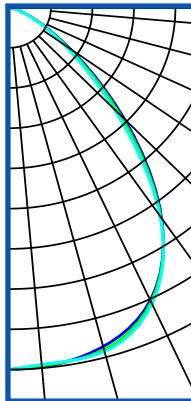
| ALONG | ACROSS |
|-------|--------|
| 1.19  | 1.20   |

**FCR720-6-4L-FSW-PA2-DRDM-UNV-2/840**

TEST NO. = LA-T3395-1  
 LED TYPE = 48 LED MODULE  
 NO. OF MODULE = 4  
 SYSTEM WATT (W) = 45.5  
 CRI ≥ 80  
 L70(Hrs.) ≥ 50,000  
 PHOTOMETRY TYPE = C



2 X 4  
 Ceiling Opening X - 24\_1/2" X 48\_1/2"  
 Overall Width By Length Y - 25\_5/8" X 50"



**CANDLEPOWER**

| ANGLE | END  | 45   | CROSS |
|-------|------|------|-------|
| 0     | 2707 | 2707 | 2707  |
| 5     | 2698 | 2689 | 2679  |
| 15    | 2625 | 2650 | 2664  |
| 25    | 2416 | 2430 | 2447  |
| 35    | 1924 | 1914 | 1906  |
| 45    | 1178 | 1133 | 1071  |
| 55    | 533  | 505  | 478   |
| 65    | 190  | 183  | 176   |
| 75    | 52   | 52   | 50    |
| 85    | 7    | 7    | 6     |
| 90    | 0    | 0    | 0     |
| 95    | 0    | 0    | 0     |
| 115   | 0    | 0    | 0     |
| 125   | 0    | 0    | 0     |
| 135   | 0    | 0    | 0     |
| 145   | 0    | 0    | 0     |
| 155   | 0    | 0    | 0     |
| 165   | 0    | 0    | 0     |
| 175   | 0    | 0    | 0     |
| 180   | 0    | 0    | 0     |

**ZONAL LUMEN SUMMARY**

| DEGREES | LUMENS | % LAMP | % FIXTURE |
|---------|--------|--------|-----------|
| 0-30    | 2132   | 34     | 43        |
| 0-40    | 3335   | 53     | 68        |
| 0-60    | 4662   | 75     | 95        |
| 0-90    | 4904   | 79     | 100       |
| 90-120  | 0      | 0      | 0         |
| 90-150  | 0      | 0      | 0         |
| 90-180  | 0      | 0      | 0         |
| 0-180   | 4904   | 79     | 100       |

Luminaire Output= 4903.7 lumens  
 Luminaire Efficacy = 107.8 lm/W

**SPACING CRITERION**

| ALONG | ACROSS |
|-------|--------|
| 1.19  | 1.19   |

