# 57R LED SERIES: QUICK SHIP

| PROJECT:     |  |
|--------------|--|
| ТҮРЕ:        |  |
| PRODUCT:     |  |
| APPROVED BY: |  |

### **PRODUCT FEATURES**

- Intended for Minimum to Supermax Correctional Facilities, Detention Centers, Public Housing, Athletic Facilities, and more
- 10 Day Quick Ship for orders under 50 fixtures. Consult factory for large quantities or additional fixture options
- 2x4 Inset doorframe design, secured to housing with countersunk Torx<sup>®</sup> fasteners
- Recessed ceiling mount; grid or flange
- · Incorporates a removable reflector unitized with all electrical components for easy installation and maintenance
- · Lens secured by "Z" retainers with welded studs spaced six inches apart for maximum strength
- This product is Made in America and complies with the Buy American Act requirements

### **ORDERING INFORMATION**

#### Example: 57R12-A/A-L2401C-A/B-UN



New StarLighting

57R24 Quick Ship Series



| 57     | R   | 24   | с                                | с                              |   |  |
|--------|---|--|----------------------------------|--------------------------------|---|--|
| Series | Mounting<br>R = Recessed<br>(Grid/Flange) | Size<br>24 = 2x4<br>*Nominal Size.<br>Dimensional<br>Data on Page 2. | Housing<br>C = 16Ga. CRS Painted | Frame<br>C = 16Ga. CRS Painted | Lumen Output *<br>L2 = Low<br>L4 = Standard<br>L6 = Medium<br>L8 = High<br>*Subject to change. Performance<br>Data on page 3. | <b>Color Temp.</b><br>35 = 3500K<br>40 = 4000K |
|        |   |  |                                  |                                |   | 05   |

|                      |                             |                                 |                       |   | QS                     |
|----------------------|-----------------------------|---------------------------------|-----------------------|---|------------------------|
| Circuits             | Outer Lens                  | Inner Lens                      | Voltage               | Options   | <b>QS</b> = Quick Ship |
| 1C = 1 Circuit       | 0 = No Lens                 | A = .125 Prismatic Acrylic      | <b>12</b> = 120V      | <b>FZI</b> = Fuse (120V)  |                        |
| 2C = 2 Circuits*     | A = .125 Clear Poly.        | <b>B</b> = .125 Prismatic Poly. | <b>27</b> = 277∨      | <b>FZ2</b> = Fuse (277V)  |                        |
|                      | <b>B</b> = .156 Clear Poly. | <b>C</b> = .156 Prismatic Poly. | <b>34</b> = 347V      | EL1 = Emerg. Bat. LED Low (10W)**   |                        |
| *Allows for Inboard, | 1 = .187 Clear Poly.        | <b>D</b> = .187 Prismatic Poly. | <b>UN</b> = Universal | EL2 = Emerg. Bat. LED High (20W)**  |                        |
| Outboard control     | <b>2</b> = .250 Clear Poly. | F = .156 Prismatic Acrylic      | (120V - 277V)         | <b>AH</b> = Allen Head Screws with center pin reject  |                        |
|                      | <b>3</b> = .375 Clear Poly. | G = .140 DR Acrylic             |                       | WL = Wet Location (under covered ceiling)   |                        |
|                      | <b>4</b> = .500 Clear Poly. | H = .125 White Frosted Poly.    |                       | <b>AM</b> = Antimicrobial finish on exposed surfaces  |                        |
|                      |                             | LC3 = .125 White Frosted Poly.  |                       |   |                        |
|                      |                             |                                 |                       | *If stored, batteries should be fully recharged every<br>six months and kept between 0°C-25°C to maintain<br>optimal battery capacity |                        |



**New Star Lighting** 2225 W Pershing Rd, Chicago, IL 60609 (773) 847-1400 www.newstarlighting.com

Specifications and dimensions are subject to change without notice. For additional options and dimensional details, please consult your New Star Lighting representative.

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# 57R LED SERIES: QUICK SHIP

### New StarLighting

### **SPECIFICATIONS**

HOUSING: Die-formed, seam welded, and ground smooth 16 gauge cold rolled steel housing. Incorporates a removable reflector unitized with all electrical components for easy installation and maintenance.

FRAME: Die-formed one-piece inset doorframe with mitred corners secured to housing with countersunk Torx<sup>®</sup> fasteners, available in cold rolled steel or stainless steel.

HINGE: 16-Gauge full length continuous, staked piano hinge, with welded ends to prevent removal.

**LENS:** Lens per specification (see options) and secured by "Z" retainers with welded studs spaced six inches apart for maximum strength.

LED: Available in two color temperatures 3500K and 4000K with maximum 3-step MacAdam variation allowance. Other color temperatures available, consult factory. Minimum 50,000 hours with 70% lumen maintenance in a 25°C ambient temperature, compliant with IES LM-80 testing standards.

ELECTRICAL: 120-277VAC, 50/60HZ electrical input high power factor electronic, constant current driver (<20% THD, >0.95 PF). Standard 0-10V Dimming with 1-100% range.

FASTENERS: Tamper-resistant Torx® head fasteners.

FINISH: White powder coat finish following multi-stage iron phosphate pretreatment.

GASKET: Black neoprene gasket around interior door frame to prevent light leaks.

**INSTALLATION:** Recessed mounting accommodates Grid and Flange installations. Recessed fixtures will be supplied with adjustable swing arms that can be used for Flange applications or taped to the side for Grid applications. Recessed install compatible with 1–1/2" and 15/16" Grid systems. Mounting for custom ceilings available, consult factory.

WARRANTY: New Star Promise.

LABEL: Fixture is certified to UL standards for Damp Location. Optional Wet Location (under covered ceiling). This product is Made in America and complies with the Buy American Act (BAA).



The 57R Quick Ship LED Series is covered by our New Star Promise.

Our promise means we will repair or replace any of our High Abuse or Vandal-Resistant architectural luminaires when installed according to our instructions for the life of the original installation if the fixture should fail due to physical abuse\*.

\*Damage caused by gunfire and chemical reactions is not covered by the New Star Promise.



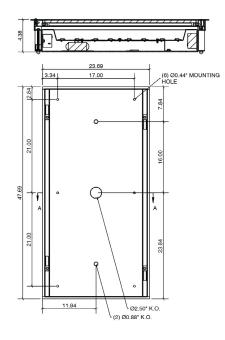
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### DIMENSIONAL DATA





### **PERFORMANCE DATA**

\*Data is with 80 CRI chip at 4000K. LEDs are frequently updated therefore values may change without notice.

| MODEL | OUTPUT        | COLOR TEMP. | LUMENS DELIVERED | EFFICACY (Im/W) | INPUT POWER (W) |
|-------|---------------|-------------|------------------|-----------------|-----------------|
|       | L2 = Low      | 3500K       | 6000             | 120             | 50              |
|       |               | 4000K       | 6250             | 125             | 50              |
|       |               | 5000K       | 6500             | 130             | 50              |
|       | L4 = Standard | 3500К       | 12000            | 120             | 100             |
|       |               | 4000K       | 12500            | 125             | 100             |
| 57504 |               | 5000K       | 13000            | 130             | 100             |
| 57R24 | L6 = Medium   | 3500K       | 17250            | 115             | 150             |
|       |               | 4000K       | 18000            | 120             | 150             |
|       |               | 5000K       | 18750            | 125             | 150             |
|       | L8 = High     | 3500K       | 23000            | 115             | 200             |
|       |               | 4000K       | 24000            | 120             | 200             |
|       |               | 5000K       | 25000            | 125             | 200             |



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