

PROJECT: \_\_\_\_\_  
 TYPE: \_\_\_\_\_  
 PRODUCT: \_\_\_\_\_  
 APPROVED BY: \_\_\_\_\_

## PRODUCT FEATURES

- Intended for Minimum to Supermax Confinement, Psychiatric Wards, Public Housing, Detention Centers, Transportation, Athletic Facilities, and more
- 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



57R

## ORDERING INFORMATION

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



57						
Series	Mounting	Size	Housing	Frame	Lumen Output	Color Temp.
	R = Recessed (Grid/Flange)	12 = 1x2 14 = 1x4 22 = 2x2 24 = 2x4  <small>*Nominal Size. Dimensional Data on Page 4.</small>	A = 12Ga. CRS Painted B = 14Ga. CRS Painted C = 16Ga. CRS Painted D = 18Ga. CRS Painted E = 14Ga. SS (Brushed) F = 16Ga. SS (Brushed) G = 18Ga. SS (Brushed) H = 14Ga. SS (Painted) J = 16Ga. SS (Painted) K = 18Ga. SS (Painted)	A = 12Ga. CRS Painted B = 14Ga. CRS Painted C = 16Ga. CRS Painted E = 14Ga. SS Brushed F = 16Ga. SS Brushed H = 14 Ga. SS Painted J = 16 Ga. SS Painted	<b>57R12-14:</b> L2 = Low L3 = High CL = Custom Lumen Output**  <b>57R22-24:</b> L2 = Low L4 = Standard L6 = Medium L8 = High CL = Custom Lumen Output**  <small>*Performance Data on Page 2.</small>	35 = 3500K 40 = 4000K 50 = 5000K

Circuits	Outer Lens	Inner Lens	Voltage	Options
1C = 1 Circuit 2C = 2 Circuits*  <small>*Allows for Inboard/Outboard control</small>	0 = No Lens A = .125 Clear Poly. B = .156 Clear Poly. 1 = .187 Clear Poly. 2 = .250 Clear Poly. 3 = .375 Clear Poly. 5 = .187 Clear Temp. Glass 6 = .250 Clear Temp. Glass 7 = .375 Clear Temp. Glass* 8 = .500 Clear Temp Glass* 9 = .750 Clear Temp Glass*  <small>*Must use with 12Ga. or 14Ga. frame</small>	A = .125 Prismatic Acrylic B = .125 Prismatic Poly. C = .156 Prismatic Poly. D = .187 Prismatic Poly. F = .156 Prismatic Acrylic G = .140 DR Acrylic H = .125 White Frosted Poly. LC3 = .125 White Frosted Poly.	12 = 120V 27 = 277V 34 = 347V UN = Universal (120V - 277V)	FZ1 = Fuse (120V) FZ2 = Fuse (277V) DM = 0-10V dimming with 10-100% range DM1 = 0-10V dimming with 1-100% range LN = LED Night Light* EL1 = Emerg. Bat. LED Low (10W) EL2 = Emerg. Bat. LED High (20W) AH = Allen Head Screws WL = Wet Location AM = Antimicrobial finish on exposed surfaces  <small>*3500K non-dimming Night Light with integrated switch allows light levels at 100%, 70%, 40% and 10%.</small>

## SPECIFICATIONS

**HOUSING:** Die formed, seam welded, and ground smooth cold rolled steel or stainless steel housing (specify gauge). Incorporates a removable reflector unitized with all electrical components for easy installation and maintenance.

**FRAME:** Die formed one-piece frame with tightly closed corners available in cold rolled steel or stainless steel.

**HINGE:** 16-Gauge full length continuous, staked piano hinge, with welded ends to prevent removal (material to match housing).

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

**LED:** Available in three color temperatures 3500°K, 4000°K and 5000°K with maximum 3-step MacAdam variation allowance. Other color temperatures available, consult factory. Minimum 80 CRI standard.

**ELECTRICAL:** 0-10V dimming available with 10-100% range and 1-100% range. Must specify dimming under options.

**FASTENERS:** Tamper-resistant Torx® head fasteners.

**FINISH:** White powder coat finish following iron phosphate pre-treatment.

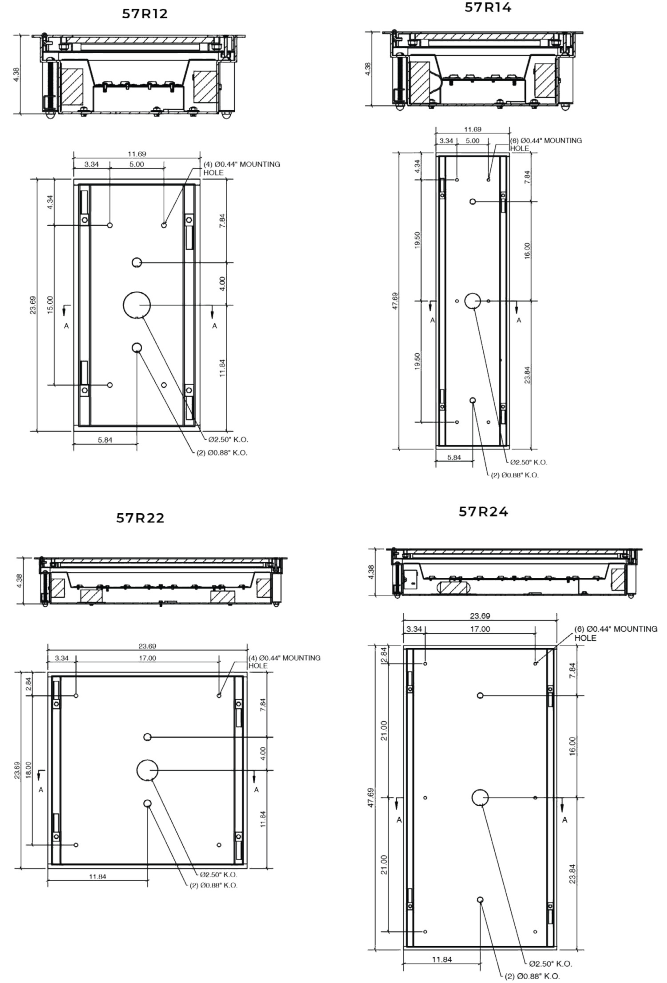
**GASKET:** Black neoprene gasket around door frame to prevent light leaks.

**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).

## DIMENSIONAL DATA



The 57R 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.\*

\*Exclusions to the New Star Promise are gunfire and chemical reactions

## 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 (lm/w)	INPUT POWER (W)
57R12	L2 = Low	3500K	2875	115	25
		4000K	3000	120	25
		5000K	3125	125	25
	L3 = High	3500K	4180	110	38
		4000K	4370	115	38
		5000K	4560	120	38
57R14	L2 = Low	3500K	5750	115	50
		4000K	6000	120	50
		5000K	6250	125	50
	L3 = High	3500K	8250	110	75
		4000K	8625	115	75
		5000K	9000	120	75
57R22	L2 = Low	3500K	3000	120	25
		4000K	3125	125	25
		5000K	3250	130	25
	L4 = Standard	3500K	6000	120	50
		4000K	6250	125	50
		5000K	6500	130	50
	L6 = Medium	3500K	8625	115	75
		4000K	9000	120	75
		5000K	9375	125	75
	L8 = High	3500K	11500	115	100
		4000K	12000	120	100
		5000K	12500	125	100
57R24	L2 = Low	3500K	6000	120	50
		4000K	6250	125	50
		5000K	6500	130	50
	L4 = Standard	3500K	12000	120	100
		4000K	12500	125	100
		5000K	13000	130	100
	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

