

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



53L

## PRODUCT FEATURES

- Intended for Minimum to Supermax Confinement, Psychiatric Wards, Public Housing, Detention Centers, Transportation, Athletic Facilities, and more
- This product is Made in America and complies with the Buy American Act requirements

## ORDERING INFORMATION

Example: 53L12-A-L2401C-B/A-UN



53L					
<b>Series</b>	<b>Size*</b> 12 = 1x2 14 = 1x4 22 = 2x2 24 = 2x4  *Nominal Size. Dimensional Data on Page 2.	<b>Gauge</b> 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)	<b>Lumen Output*</b> L2 = Low L4 = Standard L6 = Medium L8 = High**  *Performance Data on Page 3. **Only for 2x4	<b>Color Temp.</b> 35 = 3500K 40 = 4000K 50 = 5000K	<b>Circuits</b> 1 = 1 Circuit 2 = 2 Circuits

<b>Outer Lens</b> 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*  *Must use with 12Ga. or 14Ga. frame **N/A for 5322-24	<b>Inner Lens</b> A = .125 Prismatic Acrylic B = .125 Prismatic Poly. C = .156 Prismatic Poly. D = .187 Prismatic Poly. F = .156 Prismatic Acrylic G = .140 DR Acrylic LC3 = .125 White Frosted Poly.  **N/A for 5312-14	<b>Voltage</b> 12 = 120V 27 = 277V 34 = 347V UN = Universal (120V - 277V)	<b>Options</b> FZ = Fuse* DM = 0-10V dimming with 10-100% range DM1 = 0-10V dimming with 1-100% range EL1 = Emerg. Bat. LED Low** EL2 = Emerg. Bat. LED Low** LN = LED Night Light** UV = .005 UV Absorbing Overlay AH = Allen head screws  *Cannot use with UN voltage **Integrated switch allows light levels at 100%, 70%, 40%, and 10% levels.
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## SPECIFICATIONS

**HOUSING:** Die-formed, seam welded, and ground smooth cold rolled steel or stainless steel clamshell design. Incorporates a removable reflector unitized with all electrical components for easy installation and maintenance. Clamshell design incorporates a contraband drop slot gap between the ceiling and back of fixture.

**BACKPLATE:** Die-formed with contraband drop slot and embossed mounting holes (material to match housing). Security caulking between ceiling and fixture is not required with this backplate design.

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

**LENS:** Outer and inner lens options secured by "Z" retainers with weld studs spaced six inches apart for maximum strength.

**LED:** Available in three color temperatures 3500°K, 4000°K and 5000°K. Other color temperatures available, consult factory. 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.

**MOUNTING:** Surface installation.

**LABEL:** Fixture is certified to UL Standards by Intertek Testing Laboratories.



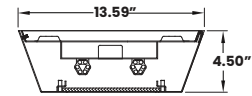
The 53L LED Series is covered by our New Star Promise.

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.\*

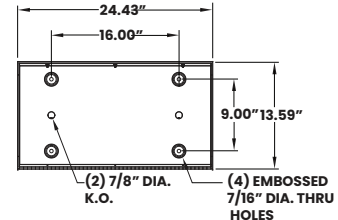
\*Exclusions to the New Star Promise are gunfire and chemical reactions

## DIMENSIONAL DATA

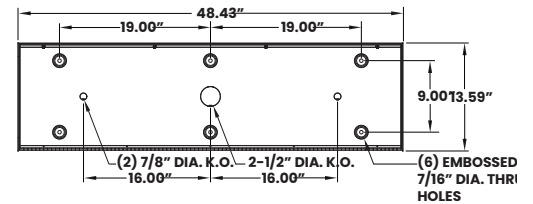
53L12-53L14



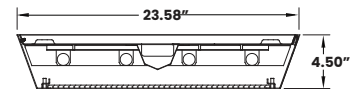
53L12



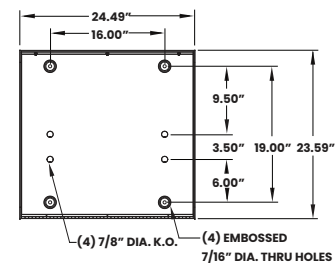
53L14



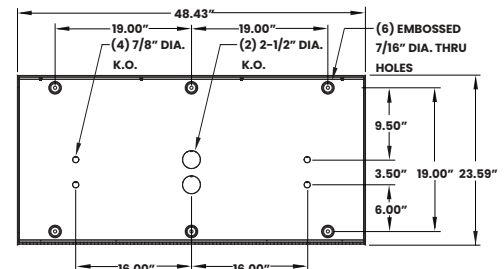
53L22-53L24



53L22



53L24



## 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)
53L12	Standard	3500K	2875	115	25
		4000K	3000	120	25
		5000K	3125	125	25
	High	3500K	4180	110	38
		4000K	4370	115	38
		5000K	4560	120	38
53L14	Standard	3500K	5750	115	50
		4000K	6000	120	50
		5000K	6250	125	50
	High	3500K	8250	110	75
		4000K	8625	115	75
		5000K	9000	120	75
53L22	Low	3500K	3000	120	25
		4000K	3125	125	25
		5000K	3250	130	25
	Standard	3500K	6000	120	50
		4000K	6250	125	50
		5000K	6500	130	50
	High	3500K	8625	115	75
		4000K	9000	120	75
		5000K	9375	125	75
53L24	Low	3500K	6000	120	50
		4000K	6250	125	50
		5000K	6500	130	50
	Standard	3500K	12000	120	100
		4000K	12500	125	100
		5000K	13000	130	100
	Medium	3500K	17250	115	150
		4000K	18000	120	150
		5000K	18750	125	150
	High	3500K	23000	115	200
		4000K	24000	120	200
		5000K	25000	125	200

