

53V SERIES

PROJECT: _____
 TYPE: _____
 PRODUCT: _____
 APPROVED BY: _____

PRODUCT FEATURES

- Intended for Minimum to Supermax Confinement, Psychiatric Wards, Public Housing, Detention Centers, Transportation, Athletic Facilities, and more
- Available in 2ft and 4ft clamshell housing with contraband drop slot between ceiling and back of luminaire
- Inner and outer lens secured by "Z" bracket retention system with 6" stud spacing for maximum strength
- This product is Made in America and complies with the Buy American Act (BAA), and the Build America, Buy America Act (BABAA)
- The 53V is covered by the New Star Promise



53V Series

ORDERING INFORMATION

Example: 53V2-A-L240-90C-1C-A/B-UN



53V					
Series	Nominal Size	Housing	Lumen Output*	Color Temp.	CRI
	2 = 2ft 4 = 4ft	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	L2 = Medium L4 = High	35 = 3500K 40 = 4000K 50 = 5000K	80C = 80 CRI 90C = 90 CRI
*Nominal size. Dimensional Data on Page 2.					
*Subject to change. Performance Data on Page 3.					

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Circuits	Outer Lens	Inner Lens	Voltage	Driver	Accessory
1C = 1 Circuit 2C = 2 Circuits	0 = No Lens A = .125 Clear Poly. B = .156 Clear Poly. 1 = .187 Clear Poly. 2 = .250 Clear Poly. 3 = .375 Clear Poly. 4 = .500 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*	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.	12 = 120V 27 = 277V 34 = 347V UN = Universal (120V-277V)	DM = 0-10V dimming with 10-100% range DMI = 0-10V dimming with 1-100% range	FZ1 = Fuse (120V)* FZ2 = Fuse (277V)* LN = LED Night Light UV = .005 UV Absorbing Overlay AH = Allenhead Screws with center pin reject EL1 = Emerg. Bat. LED Low** EL2 = Emerg. Bat. LED High**
*Not rated for Wet Locations.					
*Must use with a 12Ga. or 14Ga. Frame.					
*Need 120V or 277V. Cannot use with UN voltage. **If stored, batteries should be fully recharged every six months and kept between 0°C-25°C to maintain optimal battery capacity.					

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: 16-Gauge 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 3500K, 4000K and 5000K. Other color temperatures available, consult factory. Standard 0-10V driver provided. Minimum 50,000 hours with 70% lumen maintenance in a 25°C ambient temperature environment, compliant with IES LM-80 testing standards.

ELECTRICAL: 120-277VAC or 347VAC, 50/60HZ electrical input high power factor electronic, constant current driver (<20% THD, >0.90 PF). Standard 0-10V driver provided.

FASTENERS: Tamper resistant Torx® head screws with center pin reject. Optional Allenhead screws available.

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

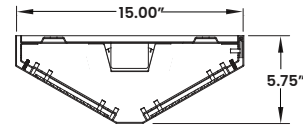
GASKET: Black neoprene gasket around door frame to prevent light leaks.

MOUNTING: Surface installation.

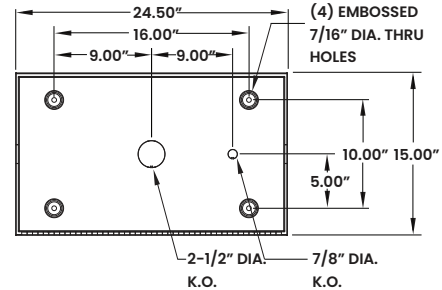
WARRANTY: New Star Promise.

LABEL: Fixture is certified to UL standards. Suitable for Wet Locations.

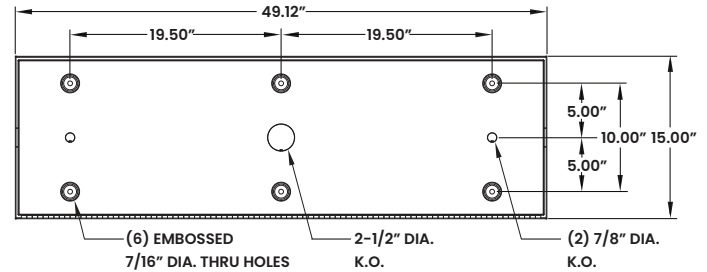
DIMENSIONAL DATA



53V2



53V4



The 53V 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.

PERFORMANCE DATA

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

MODEL	OUTPUT	COLOR TEMP.	LUMENS DELIVERED	EFFICACY (lm/w)	INPUT POWER (W)
53V2	Medium	3500K	2875	115	25
		4000K	3000	120	25
		5000K	3125	125	25
	High	3500K	5500	110	50
		4000K	5750	115	50
		5000K	6000	120	50
53V4	Medium	3500K	5750	115	50
		4000K	6000	120	50
		5000K	6250	125	50
	High	3500K	11000	110	100
		4000K	11500	115	100
		5000K	12000	120	100



New Star Lighting

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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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