

# 33L FLUORESCENT SERIES

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



33L Fluorescent Series

## 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 design 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, and the Build America, Buy America Act

## ORDERING INFORMATION

Example: 33LFW2-A-L240-1C-A/C-UN



33LF						
<b>Series</b>	<b>Style</b> W = Wide N = Narrow	<b>Size</b> 2 = 2ft 4 = 4ft  *Nominal Size. Dimensional Data on Page 2.	<b>Housing</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> <b>Wide (W):</b> L1 = Low L2 = Standard L3 = High <b>Narrow (N):</b> L1 = Standard L2 = Medium	<b>Color Temp.</b> 35 = 3500K 40 = 4000K 50 = 5000K TW1 = Tunable White 2700K to 5000K* TW2 = Tunable White 2700K to 6500K*  *Specify TW Driver under Options	<b>Circuits</b> 1C = 1 Circuit 2C = 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. 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*  *Must use with 12Ga. or 14Ga. frame		<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.  *Not rated for Wet Locations.		<b>Voltage</b> 12 = 120V 27 = 277V 34 = 347V UN = Universal (120V ~ 277V)	<b>Options</b> FZ = Fuse (120V) FZ1 = Fuse (277V) LN = LED Night Light EL1 = Emerg. Battery LED 10W (N/A with L3)* AH = Allen head screws DM = 0-10V dimming with 10-100% range DMI = 0-10V dimming with 1-100% range  <b>TW Drivers:</b> DALI8 = DALI Type 8 (One DALI Address) TW0 = 2-Channel 0-10V dimming (Brightness & CCT)  *If stored, batteries should be fully recharged every six months and kept between 0°C-25°C to maintain optimal battery capacity.	

# 33L FLUORESCENT SERIES

## 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.

**ELECTRICAL:** 120-277VAC or 347VAC, 50/60HZ electrical input high power factor electronic, constant current driver (<20% THD, >0.9 PF). Optional 0-10V Dimming with 1-100% range and 0-10V Dimming with 10-100% range.

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

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

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

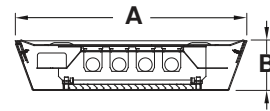
**INSTALLATION:** Surface installation.

**WARRANTY:** New Star Promise.

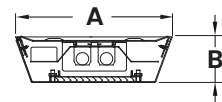
**LABEL:** Fixture is certified to UL standards. Suitable for Wet Locations. This product is Made in America and complies with the Buy American Act, and the Build America, Buy America Act.

## DIMENSIONAL DATA

### WIDE (W)

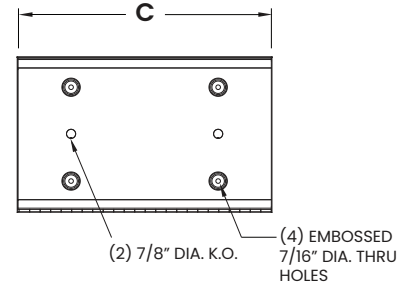


### NARROW (N)

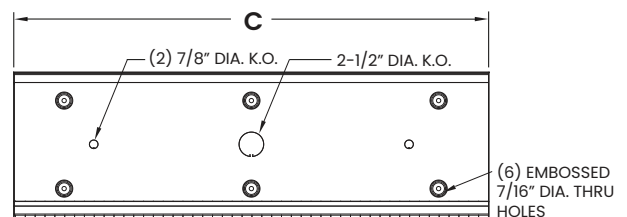


	A	B	C
<b>33LFN2</b>	10.96"	3.13"	24.23"
<b>33LFN4</b>	10.96"	3.13"	48.43"
<b>33LFW2</b>	14.96"	3.13"	24.43"
<b>33LFW4</b>	14.96"	3.13"	48.43"

### 33LF2



### 33LF4



The 33L Fluorescent 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.

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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