

# 33 FLUORESCENT SERIES

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



33 Fluorescent Series

## PRODUCT FEATURES

- Intended for Minimum to Supermax Correctional Facilities, Detention Centers, Public Housing, Athletic Facilities, and more
- Available in 2ft and 4ft doorframe design with continuous piano hinge
- Removable reflector unitized with all electrical components for easy installation and maintenance
- This product is Made in America and complies with the Buy American Act, and the Build America, Buy America Act

## ORDERING INFORMATION

Example: 33FW2-A-L240-1C-A/C-UN



33F						
Series	Style W = Wide N = Narrow	Size 2 = 2ft 4 = 4ft	Housing 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	# of Lamps Wide (W): 2 = 2 Lamps 3 = 3 Lamps 4 = 4 Lamps 6 = 6 Lamps Narrow (N): 1 = 1 Lamp 2 = 2 Lamps 3 = 3 Lamps  *Performance Data on Page 3. **Must be specified at time of quote. Must not exceed fixture maximum output.	Lamp Type 2: 17 = Linear 17W T8 14 = Linear 14W T5 24 = Linear 24W T5 HO 40 = 40 Twin 2Gx11 (2 Lamp only) 4: 32 = 32W T8 28 = 28W T5 54 = 54W T5 HO	# of Ballasts 1 = 1 Ballast 2 = 2 Ballasts

Outer Lens 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*  *Must use with 12Ga. or 14Ga. frame	Inner Lens 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	Voltage 12 = 120V 27 = 277V 34 = 347V* UN = Universal (120V - 277V)  *Consult factory for lamp-ballast options	Options DB* = Dimming Ballast (0-10V)* E1*(**) = Emerg. Ballast (450lm)* E2*(**) = Emerg. Ballast (1350lm)* PR = Program Rapid Start AH = Allenhead Screws with center pin reject FZ* = Fuse* WL = Wet Location UV = .005 UV Absorbing Overlay NL* = Night Light*  *Cannot use with UN voltage ** Consult factory for T5 availability
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**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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## SPECIFICATIONS

**HOUSING:** Die-formed, seam welded, and ground smooth cold rolled steel or stainless steel hinged doorframe design. Incorporates a removable reflector unitized with all electrical components for easy installation and maintenance.

**FRAME:** Die formed one-piece frame with tightly closed corners (material and gauge to match housing).

**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). Standard 0-10V driver provided. Optional dimming function with 10-100% range or 1-100% range.

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

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

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

**INSTALLATION:** Surface installation.

**WARRANTY:** New Star Promise.

**LABEL:** Fixture is certified to UL standards.

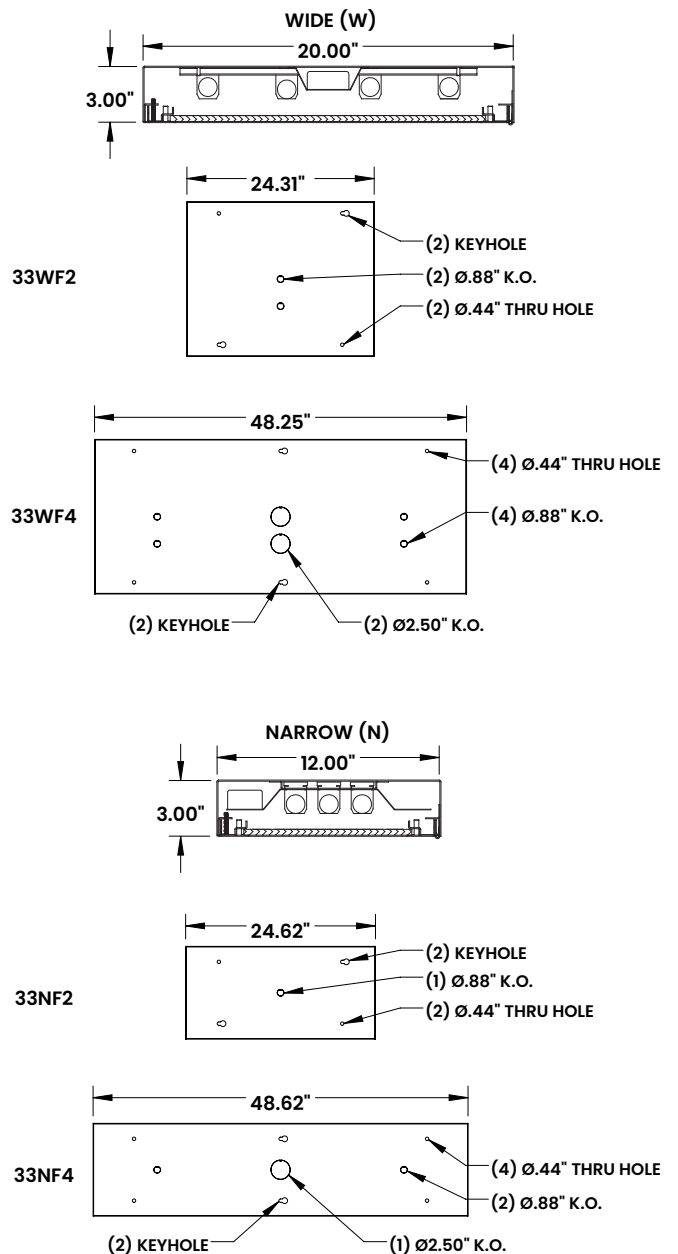


The 33 Fluorescent Series is covered by our New Star Promise.

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.

## DIMENSIONAL DATA



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