

33 LED SERIES

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



33 Series

PRODUCT FEATURES

- Intended for Minimum to Supermax Confinement, Detention Centers, Dayrooms, Cafeterias, 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 requirements

ORDERING INFORMATION

Example: 33W2-A-L240-1C-A/C-UN



33						
Series	Style	Size	Housing	Lumen Output*	Color Temp.	Circuits
	W = Wide N = Narrow	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	Wide (W): L2 = Low L4 = Standard L6 = Medium L8 = High (only 33W4) CL = Custom Lumen Output** Narrow (N): L2 = Standard L3 = High CL = Custom Lumen Output**	35 = 3500K 40 = 4000K 50 = 5000K	1C = 1 Circuit 2C = 2 Circuits
				<small>*Performance Data on Page 3. **Must be specified at time of quote. Must not exceed fixture maximum output.</small>		

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* <small>*Must use with 12Ga. or 14Ga. frame</small>	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.	Voltage 12 = 120V 27 = 277V 34 = 347V UN = Universal (120V - 277V)	Options FZ = Fuse* LN = LED Night Light** UV = .005 UV Absorbing Overlay AH = Allen head screws WL = Wet Location EL1 = Emerg. Battery LED 10W (Remote)*** EL2 = Emerg. Battery LED 20W (Remote)*** <small>*Cannot use with UN voltage **Integrated switch allows light levels at 100%, 70%, 40% and 10% levels. ***Remote. Field installation required. If stored, batteries should be fully recharged every six months and kept between 0°C-25°C to maintain optimal battery capacity.</small>
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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.

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 an ambient environment 25°C temperature, compliant with IES LM-80 testing data.

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 (DM) with 10-100% 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. Optional Wet Location. This product is Made in America and complies with the Buy American Act (BAA).

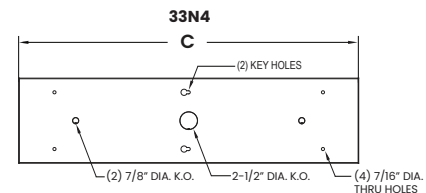
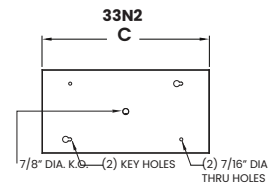
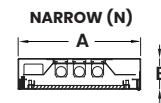
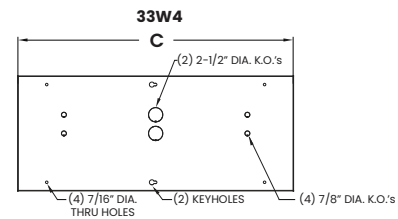
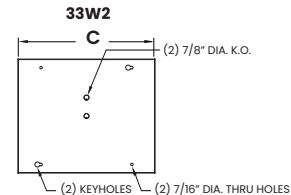
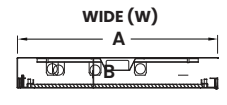


The 33 LED Series is covered by our New Star Promise.

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*.

*Damage caused by gunfire and chemical reactions is not covered by the New Star Promise.

DIMENSIONAL DATA



	A	B	C
33W2	20.00"	3.00"	24.31"
33W4	20.00"	3.00"	48.25"
33N2	12.00"	3.00"	24.62"
33N4	12.00"	3.00"	48.62"

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)
33N2	Standard	3500K	2875	115	25
		4000K	3000	120	25
		5000K	3125	125	25
	Medium	3500K	4180	110	38
		4000K	4370	115	38
		5000K	4560	120	38
33N4	Standard	3500K	5750	115	50
		4000K	6000	120	50
		5000K	6250	125	50
	Medium	3500K	8250	110	75
		4000K	8625	115	75
		5000K	9000	120	75
33W2	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
	Medium	3500K	8625	115	75
		4000K	9000	120	75
		5000K	9375	125	75



PERFORMANCE DATA CONT.

*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)
33W4	Low	3500K	2875	115	25
		4000K	3000	120	25
		5000K	3125	125	25
	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

