NEW STAR VR TROFFER SERIES

NewStarLighting

PROJECT: _____

TYPE: _____

PRODUCT: _____

APPROVED BY: _____

NST

PRODUCT FEATURES

- Intended for Commercial Settings, Schools/Universities, Office Spaces, Warehouses, and more
- Grid Installation standard with optional Flange Installation. Flange Conversion Kit under option
- Available in 1x2, 1x4, 2x2 and 2x4 Dimensions
- This product is Made in America and complies with the Buy American Act requirements

ORDERING INFORMATION

Example: NST24-LT-HC20/IC20-L4351C-PA12-UN

DLM					
Series	**Size** **12** = 1x2 **14** = 1x4 **22** = 2x2 **24** = 24 *Nominal Size. Dimensional Data on Page 2.	**Style** **LT** = Latched for easy entry **VR** = Tamper Proof Screws* *Must specify for VR applications.	**Housing** **HC20** = 20Ga. CRS Painted **HA16** = 16Ga. Alum. Painted	**Frame** **IC20** = 20Ga. CRS Painted **IA16** = 16Ga. Alum. Painted	**Lumen Output** **L2** = Low **L4** = Standard **L6** = Medium** **L8** = High** *Subject to change. Performance Data on Page 2. **N/A for 1x2 or 1x4.

Color Temp. **35** = 3500K **40** = 4000K **50** = 5000K	**Circuits** **1C** = 1 Circuit **2C** = 2 Circuits	**Lens** **PA12** = .125 Prismatic Acrylic **PP12** = .125 Prismatic Poly. **PP15** = .156 Prismatic Poly. **PP18** = .187 Prismatic Poly. **PP25** = .125 Prismatic Poly. Inner Lens with .125 Clear Poly. Outer Lens **WP12** = .125 White Frosted Poly. **WA25** = .125 White Frosted Acrylic Inner Lens with .125 Clear Poly. Outer Lens	**Voltage** **12** = 120V **27** = 277V **34** = 347V **UN** = Universal (120V-277V)	**Options** **AM** = Antimicrobial Finish **FZ1** = Fuse (120V) **FZ2** = Fuse (277V) **FK** = Flange Conversion Kit

New Star Lighting
2225 W Pershing Rd, Chicago, IL 60609
(773) 847-1400
www.newstarlighting.com

SPECIFICATIONS

CONSTRUCTION: 20-Gauge formed cold rolled steel housing with pop-riveted endcaps.

LENS: .125" Prismatic (smooth side out) or white frosted UV-stabilized polycarbonate.

LED: Available in three color temperatures 3500K, 4000K, and 5000K with maximum 3-step MacAdam variation allowance. Other color temperatures available, consult factory.

ELECTRICAL: 0-10V Dimming available with 1-100% range.Must specify dimming under options.

FASTENERS: Frame secured to housing via stainless steel Philips pan head screws with captive cage nuts and latches for the NST-LT. Frame fastened to housing via tamper-resistant Torx® head fasteners with center pin reject for the NST-VR.

FINISH: White powder coat finish following multistage iron phosphate pretreatment.

GASKET: Closed cell gasket to reduce light leaks.

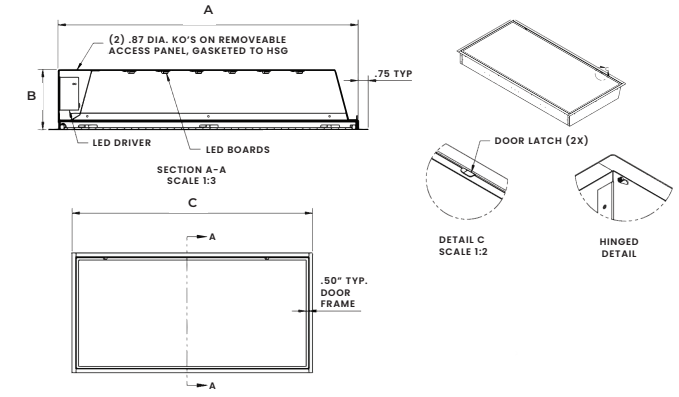
INSTALLATION: Recessed Grid or Flange

WARRANTY: New Star Promise.

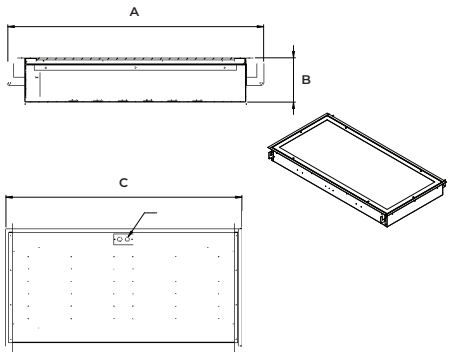
LABEL: Fixture is certified to UL standards by Intertek Testing Laboratory for Wet Locations (under covered ceilings).

DIMENSIONAL DATA

NST-LT



NST-VR



NEW STAR PROMISE

The New Star VR Troffer Series is covered by our New Star Promise.

Our promise means we will repair or replace any of our High Abuse or Vandal Resistant achirtectural luminares when installed according to our instructions for the life of the original installation if the fixture should faile due to physical abuse.*

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

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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.

PERFORMANCE DATA

*LEDs are frequently updated therefore values may change without notice.

MODEL	OUTPUT	COLOR TEMP.	LUMENS DELIVERED	EFFICACY (lm/W)	INPUT POWER (W)
NST14	Low	3500K	5750	115	50
		4000K	6000	120	50
		5000K	6250	125	50
	Standard	3500K	8250	110	75
		4000K	8625	115	75
		5000K	9000	120	75
NST22	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	12500	125	100
	High	3500K	11500	115	100
		4000K	12000	120	100
		5000K	12500	125	100
NST24	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

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