

## NEW STAR VR TROFFER LED

NST12/NST14/NST22/NST24

### SPECIFICATION FEATURES

**HOUSING:** 20 gauge formed cold rolled steel housing with pop-riveted endcaps.

**FRAME:** Inset door frame in 20 gauge cold rolled steel or aluminum.

**LENS:** Prismatic (smooth side out) or White Frosted Polycarbonate.

**LED:** Available in three color temperatures 3500°K, 4000°K, and 5000°K with maximum 3-step MacAdam variation allowance. Other color temperatures available, consult factory. 0-10V dimming available with 10-100% range and 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 proof Torx Head screws for the NST-VR.

**FINISH:** White polyester powder finish. Optional antimicrobial finish.

**GASKET:** Closed cell gasket to reduce light leaks.



**APPLICATIONS:** VR Applications when VR style is specified, Commercial Settings, Schools/Universities, Office Spaces, Healthcare Applications, Warehouses, and more.

**MOUNTING:** Grid installation (standard). Optional Flange installation, must specify Flange Conversion Kit under options.

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



### ORDERING INFORMATION

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

SERIES	SIZE*	STYLE	HOUSING	FRAME	LUMEN OUTPUT*
NST					
	12 = 1x2	LT = Latched for easy entry	HC20 = 20Ga. CRS Painted	IC20 = 20Ga. CRS Painted	L2 = Low
	14 = 1x4	VR = Tamper Proof Screws*	HA16 = 16Ga. Alum. Painted	IA16 = 16Ga. Alum. Painted	L4 = Standard
	22 = 2x2				L6 = Medium**
	24 = 2x4	*Must specify for VR applications.			L8 = High**

\*Nominal Size.  
Dimensional Data on  
Page 3.

\*Subject to change.  
Performance Data on  
Page 2.  
\*\*N/A for 1x2 or 1x4.

COLOR TEMP.	CIRCUITS	LENS	VOLTAGE	OPTIONS
35 = 3500°K	1C = 1 Circuit	PA12 = .125 Prismatic Acrylic	12 = 120V	AM = Antimicrobial Finish
40 = 4000°K	2C = 2 Circuits	PP12 = .125 Prismatic Poly.	27 = 277V	DM = 0-10V dimming with 10-100% range
50 = 5000°K		PP15 = .156 Prismatic Poly.	34 = 347V	DM1 = 0-10V dimming with 1-100% range
		PP18 = .187 Prismatic Poly.	UN = Universal	FZ1 = Fuse (120V)
		PP25 = .125 Prismatic Poly Inner Lens	(120V-277V)	FZ2 = Fuse (277V)
		with .125 Clear Poly. Outer Lens		FK = Flange Conversion Kit
		WP12 = .125 White Frosted Poly.		
		WA25 = .125 White Frosted Acrylic Inner Lens		
		with .125 Clear Poly. Outer Lens		

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## PERFORMANCE DATA\*

MODEL	OUTPUT	LAMP TYPE	LUMENS DELIVERED	EFFICACY (lm/W)	INPUT POWER (W)
NST14	Low	3500°K	5750	115	50
		4000°K	6000	120	50
		5000°K	6250	125	50
	Standard	3500°K	8250	110	75
		4000°K	8625	115	75
		5000°K	9000	120	75
NST22	Low	3500°K	3000	120	25
		4000°K	3125	125	25
		5000°K	3250	130	25
	Standard	3500°K	6000	120	50
		4000°K	6250	125	50
		5000°K	6500	130	50
	Medium	3500°K	8625	115	75
		4000°K	9000	120	75
		5000°K	9375	125	75
	High	3500°K	11500	115	100
		4000°K	12000	120	100
		5000°K	12500	125	100
NST24	Low	3500°K	6000	120	50
		4000°K	6250	125	50
		5000°K	6500	130	50
	Standard	3500°K	12000	120	100
		4000°K	12500	125	100
		5000°K	13000	130	100
	Medium	3500°K	17250	115	150
		4000°K	18000	120	150
		5000°K	18750	125	150
	High	3500°K	23000	115	200
		4000°K	24000	120	200
		5000°K	25000	125	200

NST12 is out for testing. Check back soon for performance data.  
 LEDs are frequently updated therefore values may change without notice.  
 Visit [www.newstarlighting.com](http://www.newstarlighting.com) for additional information and IES files.

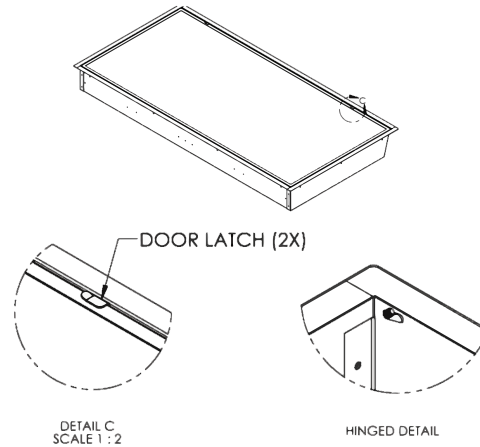
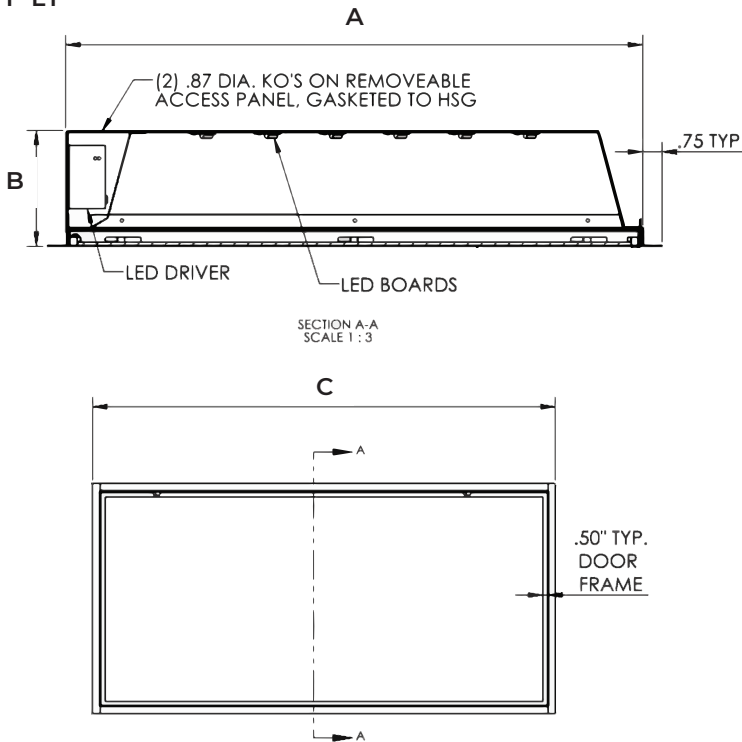
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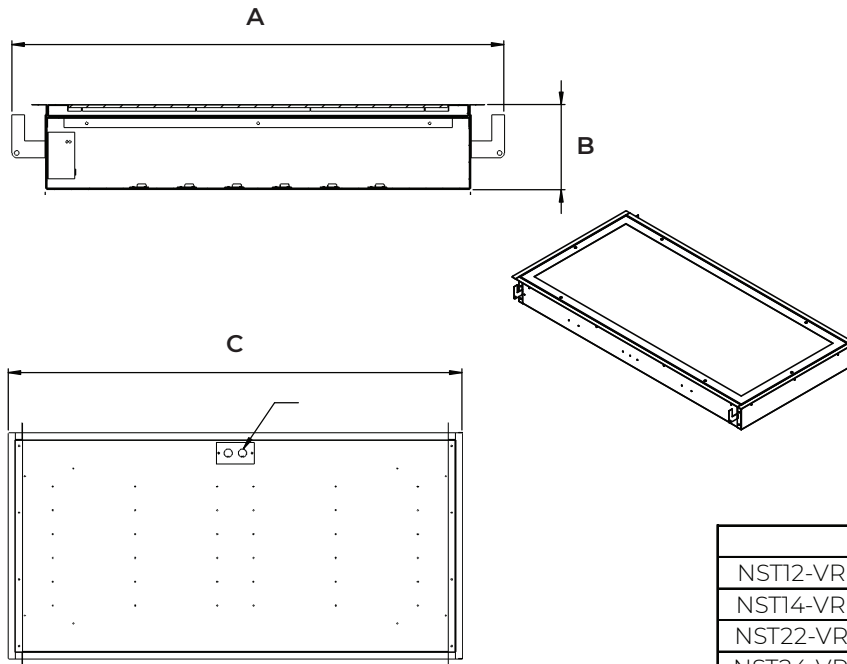
## DIMENSIONAL DATA

### NST-LT



	A	B	C
NST12-LT	10.23"	4.48"	23.69"
NST14-LT	10.29"	4.48"	47.68"
NST22-LT	22.29"	4.48"	23.68"
NST24-LT	22.29"	4.48"	47.68"

### NST-VR



	A	B	C
NST12-VR	13.84"	4.48"	23.69"
NST14-VR	13.84"	4.48"	47.68"
NST22-VR	25.84"	4.48"	23.68"
NST24-VR	25.84"	4.48"	47.68"

Notes:  
Specifications and Dimensions are subject to change without notice.  
For additional options and dimensional details please consult your New Star Lighting Representative.