

★ NewStarLighting  
**STF24-HC-OC-  
L4401C-A-UN  
Starclean Top  
Access LED**



# NewStarLighting STF24-HC-OC-L4401C-A-UN Starclean Top Access LED Owner's Manual

[Home](#) » [NewStarLighting](#) » NewStarLighting STF24-HC-OC-L4401C-A-UN Starclean Top Access LED Owner's Manual 

## Contents

- [1 NewStarLighting STF24-HC-OC-L4401C-A-UN Starclean Top Access LED](#)
- [2 FAQs](#)
- [3 PRODUCT FEATURES](#)
- [4 ORDERING INFORMATION](#)
- [5 SPECIFICATIONS](#)
- [6 DIMENSIONAL DATA](#)
- [7 PERFORMANCE DATA](#)
- [8 CONTACT INFORMATION](#)
- [9 Documents / Resources](#)
  - [9.1 References](#)
- [10 Related Posts](#)

★ NewStarLighting

**NewStarLighting STF24-HC-OC-L4401C-A-UN Starclean Top Access LED**



## **FAQs**

### **Q: What is the warranty period for the product?**

A: The product comes with a limited five (5) year warranty.

### **Q: How do I determine the appropriate voltage for the fixture?**

A: Refer to the Voltage section in the ordering information and select the voltage option suitable for your installation environment.

## **PRODUCT FEATURES**

- Intended for Cleanrooms, Hospitals, Hi-Tech Manufacturing, Laboratory, Food Processing Facilities, Commerical Kitchens and more
- Grid or flange installation
- Fixture is certified to UL Standards by Intertek Testing Laboratory. IP65 Rated per IEC60598. NSF2 Splash/Non-Food Zone listed. Meets ISO4 Cleanroom standards.
- This product is Made in America and complies with the Buy American Act (BAA)

## **ORDERING INFORMATION**

- Example: STF24-HC/OC-L4401C-A-UN

ST					
<b>Series</b>	<b>Mounting G</b> = Grid <b>F</b> = Flange	<b>Nominal Size 22</b> = 2x2 <b>24</b> = 2x4  *Nominal size. Dimensional data on Page 2.	<b>Housing</b> <b>HC</b> = 20Ga. CRS Painted <b>HS</b> = 20 Ga. SS Brushed <b>HP</b> = 20Ga. SS Painted <b>HA</b> = 16Ga. Alum. Painted	<b>Frame</b> OVERLAP (O) Frame  <b>OC</b> = 18Ga. CRS Painted <b>OS</b> = 18Ga. SS Brushed <b>OP</b> = 18Ga. SS Painted <b>OA</b> = 16Ga. Alum. Painted	<b>Lumen Output* L2</b> = Standard <b>L4</b> = Standard <b>L6</b> = Medium <b>L8</b> = High  *Subject to change.

<b>Color Temp. 35</b> = 3500K  <b>40</b> = 4000K  <b>50</b> = 5000K	<b>Circuits</b>  <b>1C</b> = 1 Circuit  <b>2C</b> = 2 Circuits	<b>Lens</b>  <b>A</b> = .125 Prismatic Acrylic <b>B</b> = .125 Prismatic Poly. <b>C</b> = .156 Prismatic Poly. <b>D</b> = .187 Prismatic Poly.* <b>E</b> = .125 White Frost Poly.  <b>G</b> = .140 Prismatic DR Acrylic	<b>Voltage 12</b> = 120V  <b>27</b> = 277V  <b>34</b> = 347V  <b>UN</b> = Universal (120V-277V)	<b>Options FZ</b> = Fuse*  <b>DM</b> = 0-10V dimming with 10-100% range <b>DM1</b> = 0-10V dimming with 1-100% range <b>SD2</b> = Step Dim. Module (50-100%)  <b>SD3</b> = Step Dim. Module (30-70-100%)  <b>EL1</b> = Emerg. Batt. LED Low (10W)* <b>EL2</b> = Emerg. Batt. LED High (20W)* <b>RF</b> = (RIF) Radio Interference Filter  <b>TH</b> = Torx® Head screws (with center pin) <b>CEL1</b> = CA Title 24 Emerg. Batt LED Low <b>CEL2</b> = CA Title 24 Emerg. Batt LED High  *Cannot use with UN voltage.

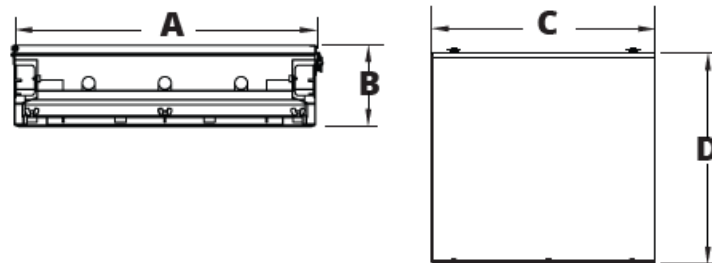
## SPECIFICATIONS

- **HOUSING:** 18-gauge formed cold rolled steel housing with continuous seam welds. Aluminum and stainless steel options are available.
- **FRAME:** Overlapping doorframe available in aluminum, cold rolled steel, and stainless steel. The frame held to the housing via aircraft cable.
- **LENS:** Acrylic lens with smooth side out. Alternate lens options are available including Prismatic Polycarbonate and a White Frosted Polycarbonate. The overlapping frame uses a rail hold-down system.
- **LED:** Available in three color temperatures 3500°K, 4000°K and 5000°K. For other color temperatures available, consult the factory. 0-10V dimming is available with 10-100% range and 1-100% range. Must specify dimming under options.
- **FASTENERS:** Stainless steel Philips flat head screws with captive cage nuts. Finish to match housing.

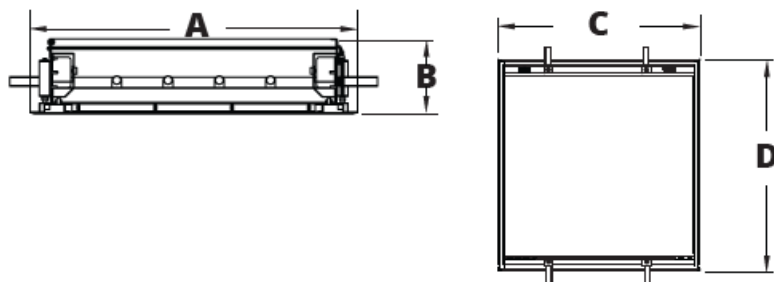
- **FINISH:** White antimicrobial powder coat finish following multistage iron phosphate pretreatment.
- **GASKET:** Closed cell EPDM and closed-cell silicone gaskets prevent air contaminations from entering the fixture.
- **MOUNTING:** Grid or Flange installation. Flange fixtures come with an adjustable 90° swing arm for easy installation. Mounting for custom ceilings is available, consult the factory. Mounting for custom ceilings is available, consult the factory.
- **WARRANTY:** Limited five (5) year warranty.
- **LABEL:** Fixture is certified to UL Standards by Intertek Testing Laboratory. IP65 Rated per IEC60598. NSF2 Splash/Non-Food Zone listed. Meets ISO4 Cleanroom standards

## DIMENSIONAL DATA

### GRID MOUNTING



### FLANGE MOUNTING



	A	B	C	D	REC. CEILING CUT-OUT
<b>STG22</b>	23.69"	6.41"	24.11"	23.69"	—
<b>STG24</b>	23.69"	6.41"	48.12"	23.69"	—
<b>STF22</b>	26.50"	6.75"	25.13"	26.13"	24.375" x 24.375"
<b>STF24</b>	26.50"	6.75"	50.13"	26.13"	24.375" x 48.375"

## PERFORMANCE DATA

Data is with 80 CRI chip. LEDs are frequently updated therefore values may change without notice

MODEL	OUTPUT	COLOR TEMP.	LUMENS DELIVERED	EFFICACY (lm/W)	INPUT POWER (W)
<b>ST22</b>	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
	High	3500K	11500	115	100
		4000K	12000	120	100

		5000K	12500	125	100
ST24	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

Specifications and dimensions are subject to change without notice. For additional options and dimensional details, please consult your New Star Lighting representative. © 2024, New Star Lighting. All rights reserved. Unauthorized duplication or distribution is prohibited

PROJECT:

TYPE:


PRODUCT:

APPROVED BY:

CONTACT INFORMATION

- New Star Lighting
- 2225 W Pershing Rd, Chicago, IL 60609
- [773-847-1400](tel:773-847-1400)
- [www.newstarlighting.com](http://www.newstarlighting.com)

Documents / Resources



[NewStarLighting STF24-HC-OC-L4401C-A-UN Starclean Top Access LED](#) [pdf] Owner's Manual

STF24-HC-OC-L4401C-A-UN, STF24-HS-OS-L4401C-A-UN, STF24-HP-OP-L4401C-A-UN, STF24-HA-OA-L4401C-A-UN, STF24-HC-OC-L4401C-A-UN Starclean Top Access LED, STF24-HC-OC-L4401C-A-UN, Starclean Top Access LED, Top Access LED, Access LED

References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.