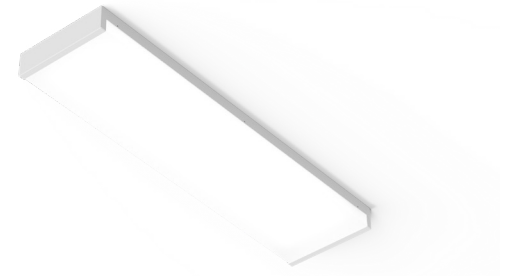


# 51HD SERIES

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



51HD Series

## PRODUCT FEATURES

- Intended for Apartment Buildings, School Campuses, Public Housing Complexes, Transportation Terminals, Utility Corridors, Hotels, Locker Rooms, and more
- Surface mount installation
- This product was Made in America and complies with the Buy American Act (BABA), and the Build America, Buy America Act (BABAA)
- The 51HD is covered by the New Star Promise



## ORDERING INFORMATION

Example: 51HD4-L235-1C-B-90C-12

51HD4					
Series	Lumen Output*	Color Temp.	Circuits	Lens	CRI
	<b>L2</b> = Low <b>L4</b> = High  <small>*Subject to change. Performance Data on Page 3.</small>	<b>35</b> = 3500K <b>40</b> = 4000K <b>50</b> = 5000K	<b>1C</b> = 1 Circuit <b>2C</b> = 2 Circuits*  <small>*Not available for L2 lumen output.</small>	<b>B</b> = .125 Prismatic Poly. <b>C</b> = .156 Prismatic Poly. <b>D</b> = .187 Prismatic Poly.	<b>80C</b> = 80 CRI <b>90C</b> = 90 CRI
<b>Voltage</b> <b>12</b> = 120V <b>27</b> = 277V <b>UN</b> = Universal (120V-277V)	<b>Driver</b> <b>DM</b> = 0-10V dimming with 10-100% range <b>DM1</b> = 0-10V dimming with 1-100% range		<b>Options</b> <b>FZ1</b> = Fuse (120V) <b>FZ2</b> = Fuse (277V) <b>EL1</b> = Emergency Battery LED Low (1100-1250lm)* <b>EL2</b> = Emergency Battery LED Low (1900-2000lm)* <b>SS</b> = Stainless Steel Brushed Housing <b>WL</b> = Wet Location (Covered Ceiling Only) <b>AH</b> = Allen Head Screw with Center Pin  <small>*Consult factory for the CA Title 24 options. If stored, batteries should be fully recharged every six months and kept between 0°C-25°C to maintain optimal battery capacity.</small>		



**New Star Lighting**

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

## SPECIFICATIONS

**HOUSING:** 16-Gauge cold rolled steel internally reinforced to provide double wall thickness at ends and corners.

**LENS:** .125" impact resistant clear prismatic UV-stabilized polycarbonate diffuser.

**LED:** Available in three color temperatures: 3500K, 4000K, and 5000K with maximum 3-step MacAdam variation allowance. Other color temperatures available, consult factory. Minimum 50,000 hours with 70% lumen maintenance in a 25°C temperature ambient environment, compliant with IES LM-80 testing standards.

**ELECTRICAL:** 120-277VAC 50/60Hz, constant current driver (<20% THD, >0.90 PF). 0-10V dimming available with 10-100% range and 1-100% range. Must specify dimming under options.

**REFLECTOR:** Cold rolled steel, removable and unitized with all electrical components for easy installation and maintenance.

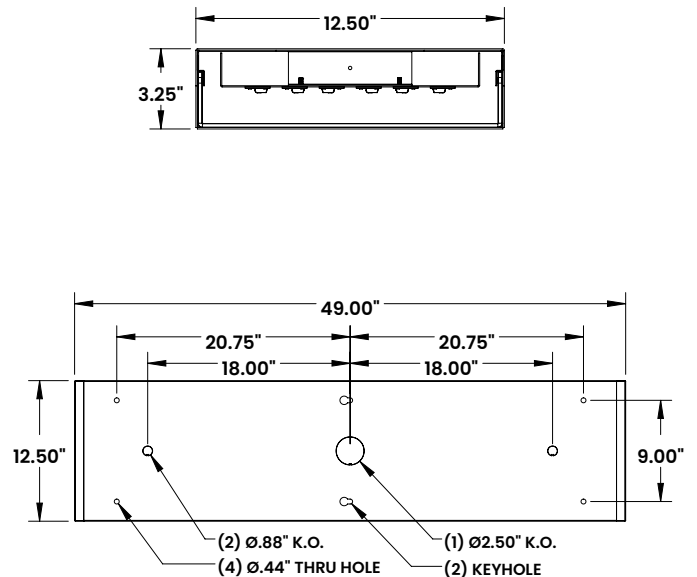
**FASTENERS:** Tamper resistant Torx® head fasteners with center pin reject.

**FINISH:** White polyester powder coat finish following multistage iron phosphate pre-treatment.

**INSTALLATION:** Surface installation. Hardware by others.

**LABEL:** Fixture is certified to UL standards. Suitable for Damp Locations.

## DIMENSIONAL DATA



The 51HD 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.



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# 51HD SERIES

## 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)
51HD4	L2 = Low	4000K	5500	110	50
	L4 = High	4000K	11000	110	100



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