

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



51HA Series

## PRODUCT FEATURES

- Intended for High Abuse Areas, Apartment Buildings, School Campuses, Public Housing Complexes, Stairwells, Locker Rooms, and more
- Surface installation. Pendant Mount also available. Hardware by others
- This product is Made in America and complies with the Buy American Act (BAA) and Build America, Buy America Act (BABAA)
- The 51HA is covered by the New Star Promise

## ORDERING INFORMATION

Example: 51HA4-L240-90C-1C-D-UN



51HA					
Series	Size	Lumen Output*	Color Temp.	CRI	Circuits
	<b>2</b> = 2ft <b>3</b> = 3ft <b>4</b> = 4ft <b>8</b> = 8ft  <small>*Nominal Size. Dimensional Data on Page 2.</small>	<b>L1</b> = Low <b>L2</b> = High <b>CL</b> = Custom Lumen Output**  <small>*Subject to change. Performance Data on Page 3.            **Must be specified at time of quote. Must not exceed fixture maximum output. Must specify "DM1" if selecting dimming.</small>	<b>35</b> = 3500K <b>40</b> = 4000K <b>50</b> = 5000K	<b>80C</b> = 80 CRI <b>90C</b> = 90 CRI	<b>1C</b> = 1 Circuit <b>2C</b> = 2 Circuits*  <small>*Not available for L1 lumen output.</small>

<b>Lens</b> <b>B</b> = .125 Prismatic Poly. <b>C</b> = .156 Prismatic Poly. <b>D</b> = .187 Prismatic Poly.*  <small>*N/A for 8ft fixtures</small>	<b>Voltage</b> <b>12</b> = 120V <b>27</b> = 277V <b>UN</b> = Universal (120V-277V)	<b>Options</b> <b>FZ1</b> = Fuse (120V) <b>FZ2</b> = Fuse (277V) <b>SS</b> = Stainless Steel Housing (Brushed finish) <b>EL1</b> = Emerg. Battery LED 10W* <b>EL2</b> = Emerg. Battery LED 20W*  <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            **3500K. Non-dimming. Integrated switch allows light levels at 100%, 70%, 40% and 10% levels            ***Kit includes joining hardware for field installation. Consult factory for details.            ****Consult factory for 277V availability</small>	<b>WL</b> = Wet Location (under covered ceiling) <b>AH</b> = Allen Head screws with center pin reject <b>LN</b> = LED Night Light** <b>RM</b> = Row Mount*** <b>PM</b> = Pendant Mount (Stems/Hardware by others)
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## SPECIFICATIONS

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

**LENS:** .125" 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, >0.9 PF). 0-10V Dimming available with 1-100% range.

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

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

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

**INSTALLATION:** Surface installation. Pendant Mount also available. Hardware by others.

**WARRANTY:** New Star Promise.

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



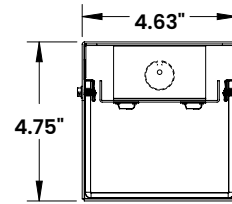
The 51HA Series is covered by our New Star Promise.

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\*.

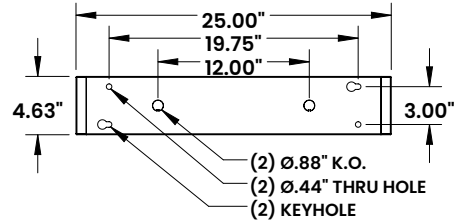
\*Damage caused by gunfire and chemical reactions is not covered by the New Star Promise.

**New Star Lighting**  
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 www.newstarlighting.com

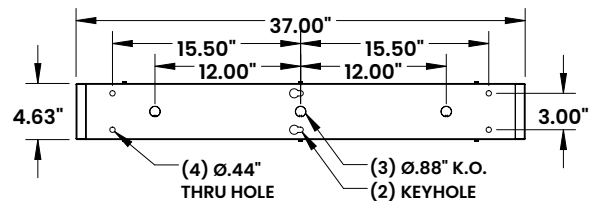
## DIMENSIONAL DATA



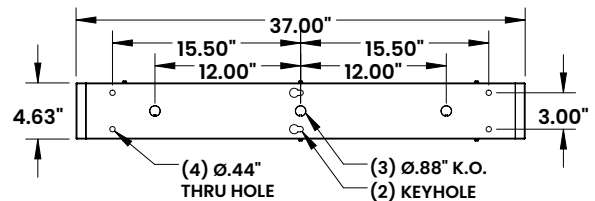
51HA2



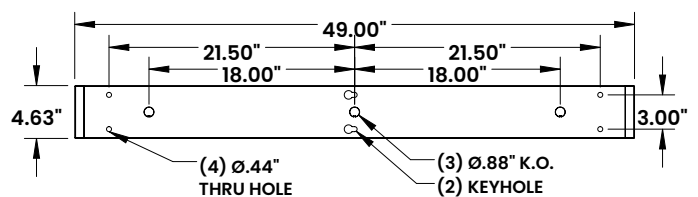
51HA3



51HA4



51HA8



Specifications and dimensions are subject to change without notice. For additional options and dimensional details, please consult your New Star Lighting representative.

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## 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)
51HA2	L1 = Low	4000K	1375	110	12.5
	L2 = High	4000K	2750	110	25
51HA3	L1 = Low	4000K	2000	110	19
	L2 = High	4000K	4125	110	37.5
51HA4	L1 = Low	4000K	2750	110	25
	L2 = High	4000K	5500	110	50
51HA8	L1 = Low	4000K	5500	110	50
	L2 = High	4000K	11000	110	100

