## **51CA™** SERIES



PROJECT:
TYPE:
PRODUCT:
APPROVED BY:

### **PRODUCT FEATURES**

- Intended for Public Areas, Transportation Terminals, Public Housing, Warehouses, Schools, and more
- · Surface mount wraparound
- Available in 4' length
- This product is Made in America and complies with the Buy American Act (BAA) and the Build American, Buy American Act (BABAA)
- The 51CA Series is covered by the New Star Promise













#### **ORDERING INFORMATION**

Example: 51CA4-L135-1C-90C-UN

51CA	4				
Series	Nominal Size*	Lumen Output*	Color Temp.	Circuits	CRI
	<b>4</b> = 4ft	L1 = Standard	<b>35</b> = 3500K	1C = 1 Circuit	<b>80C</b> = 80 CRI
		L2 = High	<b>40</b> = 4000K	2C = 2 Circuits*	<b>90C</b> = 90 CRI
		CL = Custom Lumen	<b>50</b> = 5000K		
		Output**		*Not available for L1 lumen output.	
	*Nominal Size. Dimensional Data on Page 2.	*Subject to change. Performance Data on Page 2.			

Voltage	Options			
<b>12</b> = 120V	<b>FZ1</b> = Fuse (120V)			
<b>27</b> = 277V	<b>FZ2</b> = Fuse (277V)			
<b>34</b> = 347V	<b>EL1</b> = Emergency Battery LED 10W*			
<b>UN</b> = Universal (120V-277V)	<b>EL2</b> =Emergency Battery LED 20W*			
	AH = Allenhead Screws with Center Pin Reject			
	WL = Wet Location (under covered ceilings)			
	*If stored, batteries should be fully recharged every six months and kept			



#### **SPECIFICATIONS**

HOUSING: Die-formed 16-gauge cold rolled steel.

**LENS:** .125" Pressure molded UV-stabilized clear prismatic polycarbonate lens.

**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 an ambient environment 25°C temperature, compliant with IES LM-80 testing standards.

**ELECTRICAL:** 120-277VAC 50/60Hz, constant current driver (<20% THD, >0.9 PF). Standard 0-10V dimming with 1-100% range.

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

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

GASKET: Neoprene gasket to prevent water infiltration.

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

**WARRANTY:** New Star Promise.

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



The 51CA 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 luminaries 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.

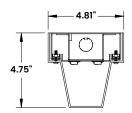
#### PERFORMANCE DATA

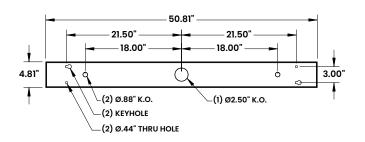
\*LEDs are frequently updated therefore values may change without notice. Visit www.newstarlighting.com for additional information and IES files.

MODEL	ОИТРИТ	FUNCTION	LUMENS DELIVERED	EFFICACY (Im/W)	INPUT POWER (W)
	L1 = Low	4000°K	2750	110	25
51CA4	L2 = High	4000°K	5500	110	50

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

#### **DIMENSIONAL DATA**





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