

PROJECT: _____
 TYPE: _____
 PRODUCT: _____
 APPROVED BY: _____

PRODUCT FEATURES

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



51HR Series



ORDERING INFORMATION

Example: 51H4R-L135-1C-B-90C-12

51H					
Series	Nominal Size*	Lumen Output*	Color Temp.	Circuits	Lens
	4R = 4ft 8R = 8ft <small>*Nominal Size. Dimensional Data on Page 2.</small>	L1 = Standard L2 = High <small>*Subject to change. Performance Data on Page 2.</small>	35 = 3500K 40 = 4000K 50 = 5000K	1C = 1 Circuit 2C = 2 Circuits* <small>*For L2 output only.</small>	B = .125 Prismatic Poly. C = .156 Prismatic Poly. D = .187 Prismatic Poly.

CRI 80C = 80 CRI 90C = 90 CRI	Voltage 12 = 120V 27 = 277V UN = Universal (120V-277V)	Driver DM = 0-10V dimming with 10-100% range DM1 = 0-10V dimming with 1-100% range	Options FZ1 = Fuse (120V) FZ2 = Fuse (277V) SS = Stainless Steel Housing (Brushed finish) EL1 = Emerg. Batt. LED 10W* EL2 = Emerg. Batt. LED 20W* WL = Wet Location (under covered ceiling) AH = Allen Head screws with center pin reject <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>

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 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 screws with center pin reject.

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

WARRANTY: New Star Promise.

MOUNTING: Surface Corner Mount installation. Hardware by others.

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

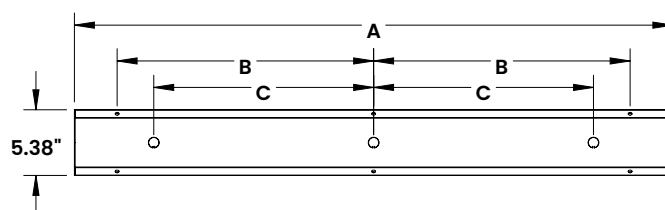
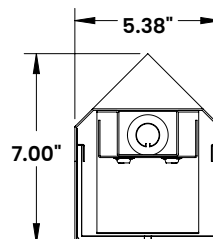


The 51HR Series is covered by our New Star Promise.

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.

DIMENSIONAL DATA



	A	B	C
51H4R	49.00"	21.00"	18.00"
51H8R	97.00"	42.00"	36.00"

PERFORMANCE DATA

MODEL	OUTPUT	COLOR TEMP.	LUMENS DELIVERED	EFFICACY (lm/W)	INPUT POWER (W)
51H4R	L1 = Standard	4000K	2750	110	25
	L2 = High	4000K	5500	110	50
51H8R	L1 = Standard	4000K	5500	110	50
	L2 = High	4000K	11000	110	100



New Star Lighting
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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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