

PROJECT: _____

TYPE: _____

PRODUCT: _____

APPROVED BY: _____

PRODUCT FEATURES

- Aerodynamic design ideal for laminar flow environments. Intended for Cleanrooms, Vivariums, Containment Areas, Hospitals, Laboratories, Pharmaceuticals, and more
- Available in 2ft, 4ft, and 8ft lengths
- Certified IP53 per IEC60598 Meets ISO3/Class 1 Cleanroom Standards, NSF2 Splash Zone/Non-Food Zone, Optional MIL-STD-461G
- This product is Made in America and complies with the Buy American Act (BAA) and the Build America, Buy American Act (BABAA).



AFO Amber Series

ORDERING INFORMATION

Example: AFO4-STLA-90C-UN



AFO		ST	LA			
Series	Size 2 = 2ft 4 = 4ft 8 = 8ft *Nominal size. Dimensional data on Page 2.	Lumen Output ST = Standard	Color Temp. LA = Amber LED (570nm)	CRI 80C = 80 CRI 90C = 90 CRI	Voltage 12 = 120V 27 = 277V UN = Universal (120V-277V)	Options EL = Emergency Battery Pack* FZ1 = Fuse (120V) FZ2 = Fuse (277V) RW = Row Mount** TK = T-bar installation Kit MS = MIL-STD-461G AM = Anti-microbial finish for all room side exposed surfaces *If stored, batteries should be fully recharged every six months and kept between 0°C-25°C to maintain optimal battery capacity. Not available in 2ft size. **Joiner hardware supplied.

SPECIFICATIONS

Housing: Die-formed aluminum housing, seam-welded and ground smooth.

LENS: Opal acrylic lens balances diffusion and light transmission.

LED: High output Amber LEDs (570nm) 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 ambient temperature environment, 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.

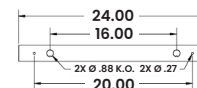
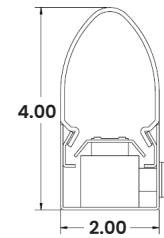
FINISH: White polyester powder coat finish following multi-stage iron phosphate pretreatment. Optional antimicrobial finish for all room side exposed surfaces available.

GASKET: Closed cell EPDM and closed cell silicone gaskets prevent air contaminants from entering the fixture.

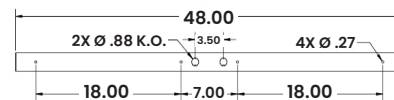
INSTALLATION: Surface installation.

LABEL: Suitable for Wet Locations. IP53 Rating. Meets standards for ISO3/Class 1 Cleanrooms. NSF2 Splash/Non-Food zone. This product is Made in America and complies with the Buy American Act (BAA) and the Build America, Buy American Act (BABAA).

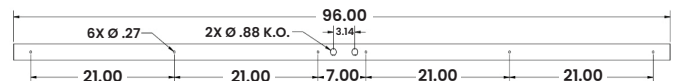
DIMENSIONAL DATA



AFO2



AFO4



AFO8

PERFORMANCE DATA

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

MODEL	OUTPUT	LUMENS DELIVERED	EFFICACY (lm/W)	INPUT POWER (W)	WEIGHT
AFO2	ST = Standard	1820	140	13	3 lbs.
	HG = High	3250	130	25	
AFO4	ST = Standard	3500	140	25	5 lbs.
	HG = High	6500	130	50	
AFO8	ST = Standard	7000	140	50	8 lbs.
	HG = High	13000	130	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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