

STARCLEAN AERFLO™ TEARDROP AMBER SERIES

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
- Meets ISO3/Class 1 Cleanroom Standards, NSF2 Splash Zone/Non-Food Zone
- This product is Made in America and complies with the Buy American Act (BAA)



AFO

ORDERING INFORMATION

Example: AFO4-ST30-UN



AFO		ST			
Series	Size 2 = 2ft 4 = 4ft 8 = 8ft *Nominal size. Dimensional data on Page 2.	Lumen Output ST = Standard	Color Temp. 30 = 3000K 35 = 3500K 40 = 4000K 50 = 5000K LA = Amber LED (570nm)	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 Track Kit *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 an ambient environment 25°C temperature, compliant with IES LM-80 testing data.

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

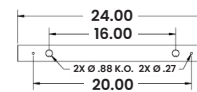
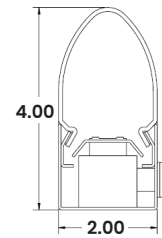
FINISH: White glossy antimicrobial powder coat finish following iron phosphate pre-treatment.

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

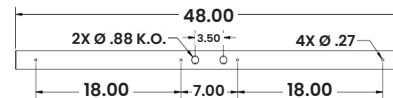
INSTALLATION: Surface installation.

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).

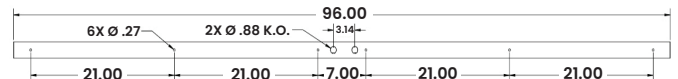
DIMENSIONAL DATA



AFO2



AFO4



AFO8

PERFORMANCE DATA

*Data corresponds to 80 CRI chip at 4000K. 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	