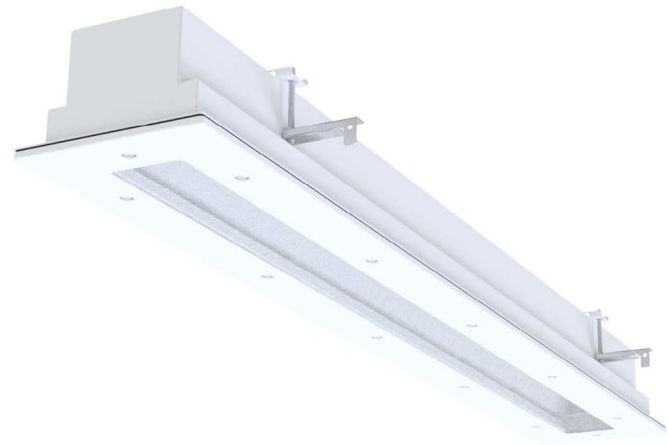


Behavioral Health Linear Troffer

Ligature Resistant 6" Linear Recessed LED Luminaire for Behavioral Health Facilities

PRODUCT FEATURES

- ✓ **IP66 Rated**
- ✓ **Ligature Resistant Heavy-Gauge Overlapping Door Frame Extends to the Edge of Fixture to Eliminate Gaps.**
- ✓ **Polycarbonate Lensing & Tamper-Resistant Fasteners Standard**
- ✓ **0-10V Dimming Down to 1% Standard**
- ✓ **Anti-Microbial White Powdercoat Standard**
- ✓ **Suitable for Hardlid/Flange Installation only**



ORDERING GUIDE

Series	Material	Size	Row Qty.	LED Type	CCT/CRI	Voltage	Outer Lens/Inner Lens	Options
BHO-F		6x48						

Series	Material	Size	Light Source			Voltage	Optics LED Side / Room Side	Options
			Row Qty.	LED Type	CCT/CRI			
BHO-F	1 White 18Ga. CRS Hsg. & White 14Ga. CRS Door	6x48 6" x 48"	1	LEDR	83 CRI:	120V	Prismatic	FC Fuse & Holder (One Supplied Per Circuit)
			2	LEDH	830 3000K	277V		2/ED Two Drivers/Two Circuits
	2 White 18Ga. CRS Hsg. & White 16Ga. 430 SS Door				835 3500K	UNV		EM10 ** 10W Integral LED EM (Specify Input Voltage)
					840 4000K			EM20 20W Remote LED EM (Specify Input Voltage)
	3 White 20Ga. 430 SS Hsg. & White 16Ga. 430 SS Door				850 5000K		Non-Prismatic	SW Wet Location Hub Supplied (not installed)
								PxL * Programmed to User Specified Lumen Value.
	4 White 20Ga. 430 SS Hsg. & White 14Ga. CRS Door				90+ CRI:			PxW * Programmed to User Specified Wattage Value.
					930 3000K			10KV 10KV Parallel Surge Protection (One Supplied Per Circuit)
					935 3500K		WHIP Must Specify Length and Wire Qty	
					940 4000K		AH Allen Head SS Tamperproof Fasteners	
					950 5000K		TPWHT White Painted Torx Tamper Resistant Fasteners	
						Select up to 1 layer Of prismatic lensing	Note: Specify Value in Ordering Notes Note**: EM10 N/A With 2/ED option	

Ordering Notes, If Applicable

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SPECIFICATIONS

HOUSING: One piece, hole free, robotically seam welded housing has flattened knockouts for a superior seal. Housings are available in 20Ga 430 Stainless Steel or 18Ga Cold Cold Rolled Steel.

DOOR FRAME: One piece heavy gauge overlapping door frame is available in either 14Ga Cold rolled steel or 16 Ga 430 Stainless Steel. Mechanically secures to housing using captive flush head torx tamper resistant fasteners, and hinged to housing by use of steel aircraft cables. The frame has a confinement grade construction extending to the edge of housing to prevent access to any crevices or gaps that could be used to establish ligature.

GASKETS: Closed cell microcellular extruded gasket with vulcanized corners making a one-piece oil and solvent resistant gasket system to block dust and pests from entering the light fixture.

OPTICS: Select up to two lenses for a maximum of 1/2" thickness for truly vandal resistant construction. When multiple lenses are selected, the flat lensing installs on the room side of the enclosure whereas the prismatic lens installs on the interior side of the fixture. The lens is mechanically secured to the door frame use of heavy duty hardware and a hold down bracket that prevents tampering by providing a high clamping force on the lens.

LEDs: Commercially available in a wide variety of Color Temperature (CCT), FLUX, and CRI. Highly efficient and consistent color maintained to 3 SDMC for color critical applications. B50/L70 and compliant with Zhaga recognized hole patterns. Consult factory for LED options or configurations not listed below.

DRIVERS: Standard Universal Voltage Class 2 drivers are 0-10v Dimmable to 1% for most LED configurations. They come with at least 2.5Kv surge protection, have less than 10% THD at max load, Ballast Factor Greater than .95 and are programmable to match specific lumen or wattage requirements. Drivers with higher input voltage ratings are available, consult factory for driver specifications.

REFLECTOR: Die formed metal with high reflectance white polyester powder coat finish. Typical reflectivity 92%.

INSTALL: Review product drawings for size and fit confirmation. Suitable for recessed Hard-lid (Flange) Non-IC installation into covered ceilings. (4) provided swing out toggle arms are used to draw fixture into the ceiling without need for a Yoke Hanger. Toggle arm adjuster bolts are accessible from the room side of the luminaire. Removable gasketed wiring access plate with supply entry via 1/2" trade size flattened knockouts as well as (1) 1/2" KO at each end.

FINISH: White Dupont Alesta using Agion silver ion antimicrobial powder coat finish with 1000 hr. salt spray coat finish standard for all housings and door frames.

LISTINGS: IP66 rated for dust and water ingress. Suitable for 1700 PSI high pressure hosedowns. ETL listed per UL_1598 for wet locations. Chicago Plenum Rated. Drivers and LEDs are covered by a 5 year warranty, the remaining fixture is covered by a 10 year warranty.

ENERGY DATA

BHO OVERLAP-F-LED LINEAR TROFFER (APPROX ¹ LUMENS DELIVERED)									
LIGHT PACKAGE	83 CRI (3000K - 5000K)				90 CRI (3500K, 4000K)				STANDARD DIMMING
	LUMENS	WATTS ²	EFFICACY ³	MAX AMB TEMP	LUMENS	WATTS ²	EFFICACY ³	MAX AMB TEMP ⁴	
1LEDR	2,600	29	90	45°C (113°F)	2,496	29	86	45°C (113°F)	0-10V 1%
2LEDR	5,200	55	95	45°C (113°F)	4,992	55	91	45°C (113°F)	0-10V 1%
2LEDH	5,150	54	95	40°C (104°F)	4,944	54	92	40°C (104°F)	0-10V 1%
2LEDH	10,300	109	94	40°C (104°F)	9,888	109	91	40°C (104°F)	0-10V 1%

¹ DELIVERED LUMEN DATA IS EXTRAPOLATED FROM MEASURED DATA @25C WITH NO EXTRA OPTIONS. VARIANCES WILL OCCUR WHEN OPTIONS ARE CHOSEN

² WATTAGE IS MEASURED WITH 4000K SELECTION @ 120vAC AND Tambient = 25C. WATTAGES MAY VARY WITH ALTERNATE CONFIGURATIONS

³ EFFICACY CALCULATED USING 4000K CCT DATA.

⁴ MAX AMBIENT TEMP RATING, NON-IC INSTALLATION. TEMP RATING MAY VARY WITH SPECIFIED DRIVERS OR ANY NON STANDARD SELECTION

⁵ 90 MINUTE 10W EMERGENCY DRIVER; LUMENS CALCULATED BASED ON FIXTURE EFFICACY.

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PRODUCT DRAWING

