

HIGH ABUSE LINEAR WALL SERIES



PROJECT: _____

TYPE: _____

PRODUCT: _____

APPROVED BY: _____

PRODUCT FEATURES

- Intended for Public Areas, Corridors, Stairways, Underpasses, Parking Garages, Restrooms, Lobbies, Schools, and more
- Designed for recessed wall installations
- One-piece doorframe with continuous lens retention and tamper-resistant fasteners
- Certified to UL standards by Intertek Testing Laboratory. IP65 rated per IEC60598. NSF2/Non-Food Zone Listed, IK10 Listed per IEC60068-2-75
- This product is Made in America and complies with the Buy American Act (BAA)
- The HALW Series is covered by the New Star Promise



HALW Series

ORDERING INFORMATION

Example: HALW48-FL-500-35-90C-AM-D-SYM-UN-DM1



HALW					
Series	Nominal Length*	Ceiling Configuration	Lumen Output*	Color Temp.	CRI
	24 = 2'	FL = Flange	500 = 500LM/FT-Min	30 = 3000K	80C = 80 CRI
	36 = 3'	TM = Trimless Mud-In	1200 = 1200LM/FT-Max	35 = 3500K	90C = 90 CRI
	48 = 4'	for 5/8" Drywall		40 = 4000K	
	72 = 6'			TW1 = Tunable White 2700K to 5000K*	
	96 = 8'			TW2 = Tunable White 27000 to 6500K*	
	*Available in 1' increments. Consult factory for other lengths.		*Outputs between listed min and max are available.	*Must select TW Driver	

	D				
Finish	Outer Lens	Inner Lens	Voltage	Driver Type	Options
AM = Antimicrobial White*	D = .250 Clear Poly.	SYM = Symmetrical	12 = 120V	DM1 = 0-10V Dimming to 1%	B(#) = Battery Pack
C = Custom**		ASY = Asymmetrical	27 = 270V		GTD(1) = Generator transfer device
Standard finish			34 =347V	Tunable White Driver*:	+E(1) = Emergency section
**Consult factory for NSF			UN = Universal (120V-277V)	DALI8 = 2-Channel	
				TW0 = 2-Channel 0-10V	
			*347V only available with DM1 Drivers	*Tunable White Driver requires choice of TW1 or TW2 in Color Temp. column	*Available for fixture lengths of 4' or greater

SPECIFICATIONS

HOUSING: Extruded aluminum construction with sheet metal endcaps. Closed cell neoprene pad in doorframe.

LENS: Combination of acrylic and/or polycarbonate prismatic inner lens, clear outer lens, maximum thickness 0.25" for durability.

DOORFRAME: Die-formed aluminum doorframe, with antimicrobial white powder-coat finish, secured with tamper-resistant Torx® fasteners. Safety aircraft cable also secures doorframe to housing for easy maintenance.

LED: Available in three color temperatures 3000K, 3500K, and 4000K with maximum 3-step MacAdam variation allowance. Tunable White also available, from 2700K - 5000K or 2700K-6500K. Minimum 50,000 hours with 85% lumen maintenance in a 25°C ambient temperature, compliant with IES LM-80 testing standards.

ELECTRICAL: Standard 120-277VAC 50/60Hz or 347VAC 60Hz electrical input with serviceable constant-current drivers (<10% THD, >0.90 PF). 0-10V Dimming with 1-100% range.

TUNABLE DRIVER OPTIONS:

DALI8 - DALI Type 8 (One DALI Address)

TWO - Two channel 0-10V dimming: one channel for brightness, one channel for CCT

FINISH: Antimicrobial white finish following multi-stage iron phosphate pre-treatment on all exposed room-side surfaces. Custom finishes also available.

INSTALLATION: Drywall Flange and Mud-In Flange options.

WARRANTY: Five (5) year warranty.

LISTINGS: Fixture is certified to UL standards by Intertek Testing Laboratory. IP65 Rating per IEC60598. Certified for NSF2 Splash Zone/ Non-Food Zones. Standard CCEA compliance. This product is Made in America and complies with the Buy American Act (BAA).

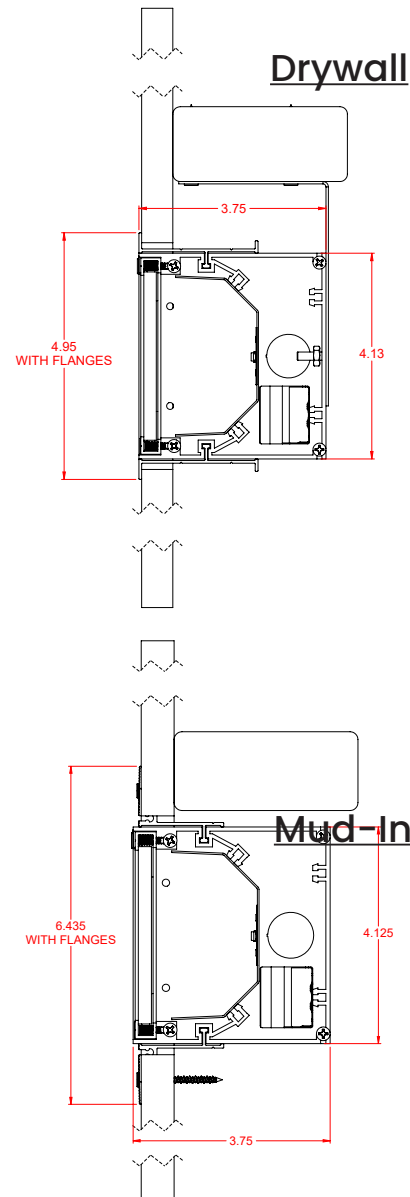


The High Abuse Linear Wall Series is covered by our New Star Promise.

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



PERFORMANCE DATA

Model	Light Distribution	CCT	Lumens per Foot	Efficacy (lm/W)	Input Power (W)
HALW24	Symmetric	4000K	500	95	11
	Symmetric	4000K	1181	95	25
	Asymmetric	3000K	500	85	12
	Asymmetric	3000K	1067	85	25
HALW36	Symmetric	4000K	500	95	16
	Symmetric	4000K	1181	95	37
	Asymmetric	3000K	500	85	18
	Asymmetric	3000K	1067	85	38
HALW48	Symmetric	4000K	500	95	21
	Symmetric	4000K	1181	95	50
	Asymmetric	3000K	500	85	23
	Asymmetric	3000K	1067	85	50
HALW72	Symmetric	4000K	500	95	32
	Symmetric	4000K	1181	95	75
	Asymmetric	3000K	500	85	35
	Asymmetric	3000K	1067	85	75
HALW96	Symmetric	4000K	500	95	42
	Symmetric	4000K	1181	95	99
	Asymmetric	3000K	500	85	47
	Asymmetric	3000K	1067	85	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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