

PROJECT: \_\_\_\_\_  
 TYPE: \_\_\_\_\_  
 PRODUCT: \_\_\_\_\_  
 APPROVED BY: \_\_\_\_\_

## PRODUCT FEATURES

- Intended for Transit Stations, Airport & Bus Stations, Stairwells, Platforms and more
- Up to 1125 lumens per foot with custom tuning of outputs in provided in Symmetric and Asymmetric Wall wash distributions
- Available in 2'-8' lengths in 1' increments with optional end mount thru wiring for flush, end-to-end mounting
- Extruded Aluminum housing and one piece, beveled fit aluminum door features continuous lens retention, integrated close cell gasketing and secured via tamper resistant Torx head fasteners
- Certified to UL standards by Intertek Testing Laboratory. IP65 rated per IEC60598. NSF2/Non-Food Zone Listed, IK10 Listed per IEC60068-2-75. IC-Rated housing.
- This product is Made in America and complies with the Buy American Act (BAA), and the Build America, Buy America Act (BABAA)



STL Series



## ORDERING INFORMATION

Example: STL48-FL-500-35-90C-WH-D-SYM-UN-DMI

STL						
<b>Series</b>	<b>Nominal Length*</b>	<b>Ceiling Configuration</b>	<b>Lumen Output</b>	<b>Color Temp.</b>	<b>CRI</b>	<b>Finish</b>
	24 = 2' 36 = 3' 48 = 4' 72 = 6' 96 = 8'	TB9 = 9/16" Lay-In Grid TB15 = 15/16" Lay-in Grid TG9 = 9/16" Tegular Grid TG15 = 15/16" Tegular Grid FL = Flange* NFL = No Flange ST = Screw Slot TM = Trimless Mud-In for 5/8" Drywall*	500 = 500LM/FT-Min 750 = 750LM/FT 1125 = 1125LM/FT-Max CL = Custom Lumens*	30 = 3000K 35 = 3500K 40 = 4000K RGBW/30 = RGB + 3000K* RGBW/40 = RGB + 4000K*  Tunable White* TW1 = 2700K to 5000K TW2 = 2700K to 6500K	80C = 80 CRI 90C = 90 CRI	WH = White C = Custom Color*  *RAL number required.
	*Available in 1' increments. Consult factory for other lengths.	*Suitable for use with WM option, refer to page 2.	*Outputs between Min. and Max. available. Must be specified at time of quote. Must not exceed fixture maximum output.	* Must use with DMX Driver  *Must specify Tunable White Driver.		

D				
<b>Outer Lens</b>	<b>Inner Lens (Diffuse Optical Film)</b>	<b>Voltage</b>	<b>Driver Type</b>	<b>Options</b>
D = .250 Clear Poly.*	SYM = Symmetric ASY = Asymmetric Wall Wash	12 = 120V 27 = 270V 34 = 347V* UN = Universal (120V-277V)	DMI = 0-10V Dimming with 1-100% range DMT = 0-10V & TRIAC/ELV*  *Must specify with 120V.  RGBW Driver DMX = DMX Driver**  Tunable White Driver* DAL18 = 2-Channel DALI Type 8 with 1-100% TW0 = 2-Channel 0-10V  *Tunable White Driver requires choice of TW1 or TW2 in Color Temp column.	FZ1 = Fuse (120V) FZ2 = Fuse (277V) CP = Chicago Plenum Rated B(#)= 10 watt Battery Pack with test switch* GTD(1) = Generator transfer device* WM = Wall Mount RMM = Row Mount Middle Feed Fixture** RME = Row Mount End Feed Left Fixture***  *Available for fixture lengths of 4' or greater. **Flange is removed from both ends of fixture, refer to drawing on Page 2. ***If ASY is specified, one flange is removed. Adjust door mounting to direct asymmetric beam as required.
*Asymmetric distribution supplied with .187 clear polycarbonate lens.		*347V only available with DMI Drivers.	**The DMX driver is compatible for RGBW options	

## SPECIFICATIONS

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

**LENS:** Clear polycarbonate outer lens with inner optical diffusion lens, providing either asymmetric or symmetric distribution.

**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 and RGBW Options available. Minimum 50,000 hours with 85% lumen maintenance in a 25°C ambient temperature environment, 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.

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

**INSTALLATION:** Recessed Grid, Screw Slot Grid, Drywall Flange, Drywall Flangeless and Mud-In Flange options.

**WARRANTY:** Five (5) year warranty.

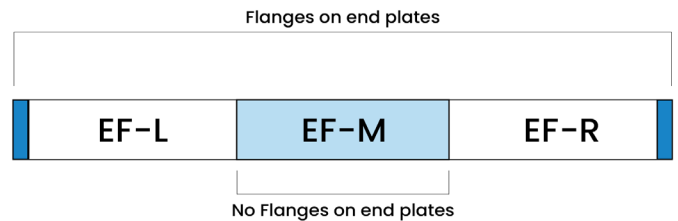
**LISTINGS:** Fixture is certified to UL standards by Intertek Testing Laboratory. IP65 Rating per IEC6598. Certified for NSF2 Splash Zone/ Non-Food Zones. IC Rated. Optional CCEA compliance. This product is Made in America and complies with the Buy American Act (BAA).

## DIMENSIONAL DATA

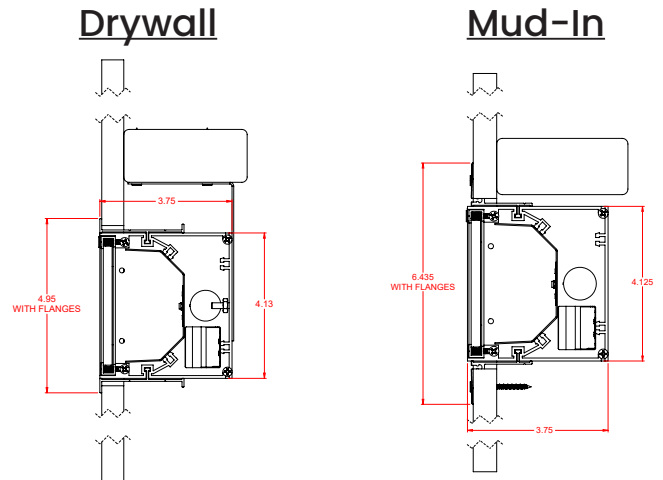
		Fixture Length				
		2'	3'	4'	6'	8'
		(24")	(36")	(48")	(72")	(96")
Mounting	ST	23.875	35.875	47.875	71.875	95.875
	TB9	23.87725	35.87725	47.87725	71.87725	95.87725
	TB15	23.87725	35.87725	47.87725	71.87725	95.87725
	TG9	23.875	35.875	47.875	71.875	95.875
	TG15	23.5	35.5	47.5	71.5	95.5
	FL/NFL/TM	23.87725	35.87725	47.87725	71.87725	95.87725

\*Additional dimensional information on page 3

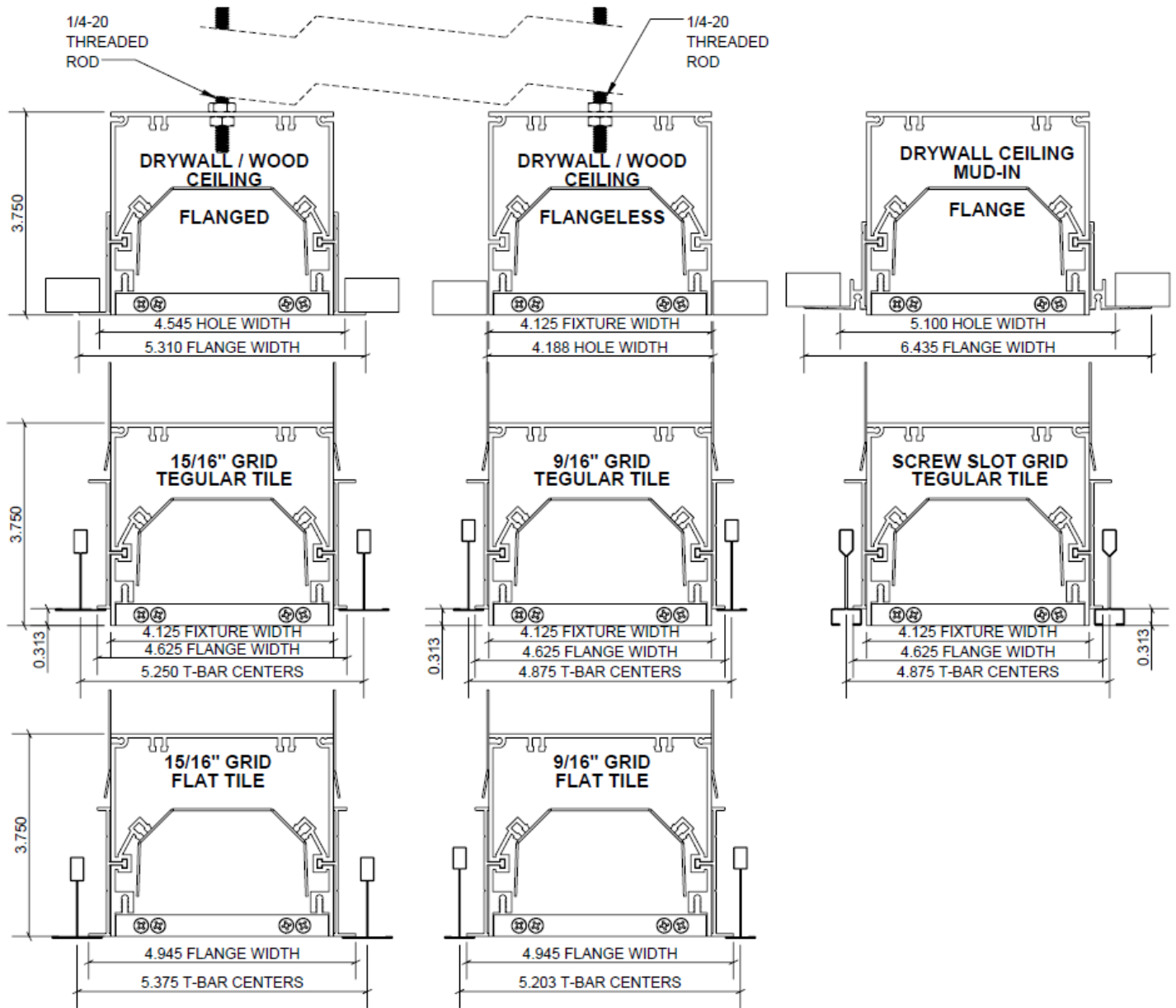
## END FEED CONFIGURATION



## WALL MOUNT INSTALLATION



**DIMENSIONAL DATA (CONT.)**



**New Star Lighting**  
 2225 W Pershing Rd, Chicago, IL 60609  
 (773) 847-1400  
 www.newstarlighting.com

Specifications and dimensions are subject to change without notice. For additional options and dimensional details, please consult your New Star Lighting representative.

© 2025, New Star Lighting. All rights reserved. Unauthorized duplication or distribution is prohibited.

