

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



PRODUCT FEATURES

- Ligature-resistant to support behavioral health applications
- 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 DCLW Series is covered by the New Star Promise



DCLW Series

ORDERING INFORMATION

Example: DCLW48-FL-1200-90-35-AM-D-SYM-90C-UN-DM1



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

D					
Outer Lens	Inner Lens	CRI	Voltage	Driver Type	Options
D = .250 Clear Poly.	SYM = Symmetrical ASY = Asymmetrical	80C = 80 CRI 90C = 90 CRI	12 = 120V 27 = 270V 34 =347V* UN = Universal (120V-277V)	DM1 = 0-10V Dimming to 1%	B(#) = Battery Pack
				Tunable White Driver*:	GTD(1) = Generator transfer device
				DALI8 = 2-Channel	+E(1) = Emergency section
				TWO = 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

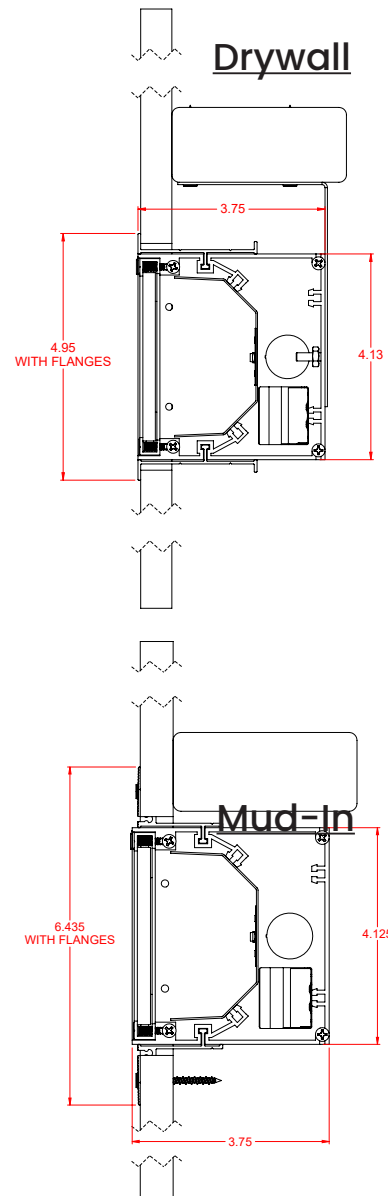
**FINISH:** Antimicrobial white finish following multi-stage iron phosphate pre-treatment on all exposed room-side surfaces. Custom finishes also available.

**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.

## DIMENSIONAL DATA



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.



**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.

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## PERFORMANCE DATA

Model	Light Distribution	CCT	Lumens per Foot	Efficacy (lm/W)	Input Power (W)
DCLW24	Symmetric	4000K	500	95	11
	Symmetric	4000K	1181	95	25
	Asymmetric	3000K	500	85	12
	Asymmetric	3000K	1067	85	25
DCLW36	Symmetric	4000K	500	95	16
	Symmetric	4000K	1181	95	37
	Asymmetric	3000K	500	85	18
	Asymmetric	3000K	1067	85	38
DCLW48	Symmetric	4000K	500	95	21
	Symmetric	4000K	1181	95	50
	Asymmetric	3000K	500	85	23
	Asymmetric	3000K	1067	85	50
DCWL72	Symmetric	4000K	500	95	32
	Symmetric	4000K	1181	95	75
	Asymmetric	3000K	500	85	35
	Asymmetric	3000K	1067	85	75
DCLW96	Symmetric	4000K	500	95	42
	Symmetric	4000K	1181	95	99
	Asymmetric	3000K	500	85	47
	Asymmetric	3000K	1067	85	100



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