

PROJECT: _____

TYPE: _____

PRODUCT: _____

APPROVED BY: _____



PRODUCT FEATURES

- Ligature-resistant for Behavioral Health applications
- Available in 2' - 8' lengths
- Up to 1200 lumens/ft.
- 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 requirements
- The DC Linear Series is covered by the New Star Promise



DCL Series

ORDERING INFORMATION

Example: DCL48-FL-500-35-AM-D-ASY-UN-90C-DM1



DCL					
Series	Nominal Length*	Ceiling Configuration	Lumen Output*	Color Temp.	Finish
	24 = 2'	TB9 = 9/16" Lay-In Grid	500 = 500LM/FT-Min	30 = 3000K	AM = Antimicrobial White*
	36 = 3'	TB15 = 15/16" Lay-in Grid	1200 = 1200LM/FT-Max	35 = 3500K	C = Custom**
	48 = 4'	TG9 = 9/16" Tegular Grid		40 = 4000K	
	72 = 6'	TG15 = 15/16" Tegular Grid		TW1 = Tunable White 2700K to 5000K*	*Standard finish.
	96 = 8'	FL = Flange		TW2 = Tunable White 27000 to 6500K*	**Consult factory for NSF.
		NFL = No Flange			
		ST = Screw Slot			
		TM = Trimless Mud-In for 5/8" Drywall			
	*Available in 1' increments. Consult factory for other lengths.		*Outputs between listed min and max are available.	*Must select TW Driver.	

Outer Lens	Inner Lens	Voltage	CRI	Driver Type	Options
D = .250 Clear Poly.	SYM = Symmetrical ASY = Asymmetrical	12 = 120V 27 = 270V 34 = 347V* UN = Universal (120V-277V)	80C = 80 CRI 90C = 90 CRI	DM1 = 0-10V Dimming to 1% Tunable White Driver*: DALI8 = 2-Channel TWO = 2-Channel 0-10V	B(#) = Battery Pack* GTD(1) = Generator transfer device* +E(1) = Emergency section LV3 = Independent Load Dimming LVC**
		*347V only available with DMI Drivers.		*Tunable White Driver requires choice of TW1 or TW2 in Color Temp. column.	*Available for fixture lengths of 4' or greater **Click here for more information. Provides control of lighting from a pillow speaker, bedside rail or wall switch. Leads are factory labeled.

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: Anti-microbial 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 IEC60598. Certified for NSF2 Splash Zone/ Non-Food Zones. Standard CCEA compliance.



The DuraCare™ Linear 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.



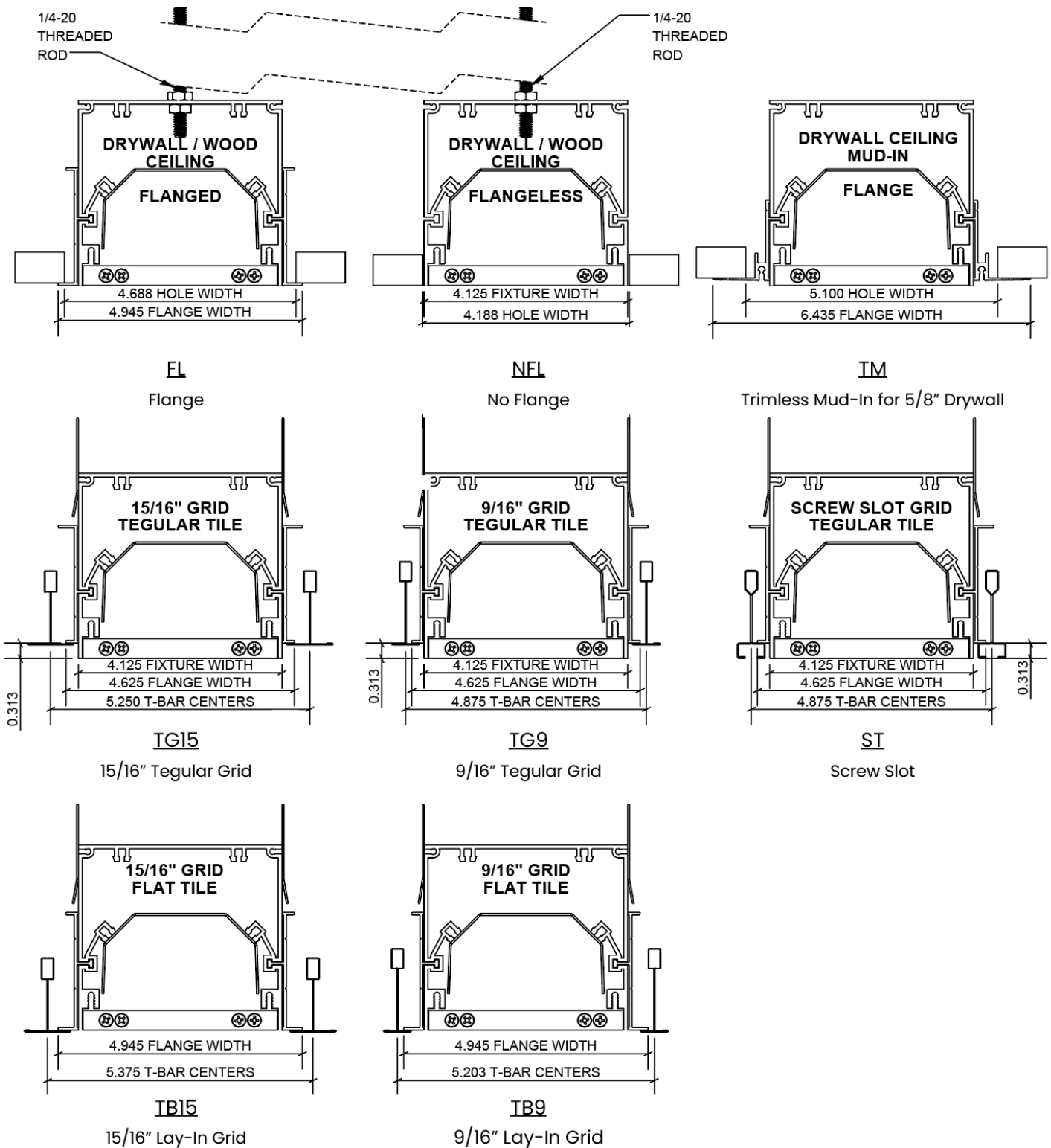
New Star Lighting

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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DIMENSIONAL DATA



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PERFORMANCE DATA

Model	Light Distribution	CCT	Lumens per Foot	Efficacy (lm/W)	Input Power (W)
DCL24	Symmetric	4000K	500	95	11
	Symmetric	4000K	1181	95	25
	Asymmetric	3000K	500	85	12
	Asymmetric	3000K	1067	85	25
DCL36	Symmetric	4000K	500	95	16
	Symmetric	4000K	1181	95	37
	Asymmetric	3000K	500	85	18
	Asymmetric	3000K	1067	85	38
DCL48	Symmetric	4000K	500	95	21
	Symmetric	4000K	1181	95	50
	Asymmetric	3000K	500	85	23
	Asymmetric	3000K	1067	85	50
DCL72	Symmetric	4000K	500	95	32
	Symmetric	4000K	1181	95	75
	Asymmetric	3000K	500	85	35
	Asymmetric	3000K	1067	85	75
DCL96	Symmetric	4000K	500	95	42
	Symmetric	4000K	1181	95	99
	Asymmetric	3000K	500	85	47
	Asymmetric	3000K	1067	85	100



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