PROJECT: _____

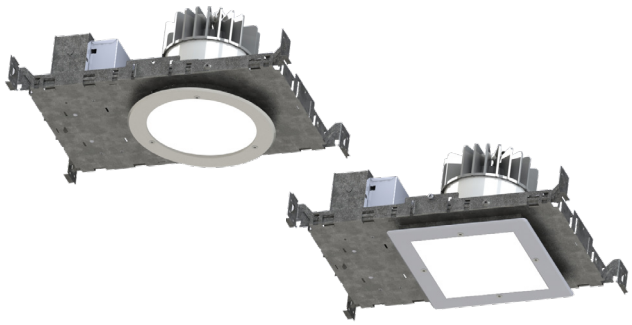
TYPE: _____

PRODUCT: _____

APPROVED BY: _____

PRODUCT FEATURES

- Ideal for Transit stations, Airports, Bus Terminals, and other transportation applications
- 4" and 6" sealed recessed downlight, round or square aperture options
- IK10 listed perIEC60068-2-75: 2014, and IP65 rated per IEC60598
- Variety of wattages and lumen packages, up to 3750lm at 43W (6")
- This product is Made in America and complies with Buy American Act (BAA)
- The DCDL-ST Series is covered by the New Star Promise



DCDL SERIES

ORDERING INFORMATION

Example: DCDL-ST-4R-SD-UN-DM1

DCDL	ST						
Series	**ST** = StarTrans™	**Aperture** **4** = 4 inch **6** = 6 inch	**Shape** **R** = Round **S** = Square	**Lumen Output*** **LW** = Low **SD** = Standard **MD** = Medium **HG** = High **CL** = Custom Lumens** *Subject to change. Performance data on page 3. **Must be specified at time of quote. Must not exceed fixture maximum output.	**Voltage** **12** = 120V **27** = 277V **UN** = Universal (120V-277V)	**Driver Type** **DM1** = 0-10V Dimming with 1-100% range **DMT** = 0-10V & TRIAC/ELV* *Must specify with 120V.	**Options** **FZ1** = Fuse (120V) **FZ2** = Fuse (277V) **IC** = IC Rated Housing* **EM** = Emerg. Battery (Remote)** **W** = Wing Bracket **CCEA** = Chicago Plenum Compliant *Max 23W. **If stored, batteries should be fully recharged every six months and kept between 0°C-25°C

TRIM ORDERING INFORMATION

Example: DCDL-ST-4R-30-90C-1-F-C

DCDL	ST								
Series	**ST** = StarTrans™	**Aperture** **4** = 4 inch **6** = 6 inch	**Shape** **R** = Round **S** = Square	**Color Temp.** **30** = 3000K **35** = 3500K **40** = 4000K **50** = 5000K	**Narrow Spectrum** **AMB** = Amber (585-595nm) **BLU** = Blue (470nm) **GN** = Green (530nm) **RD** = Native Red (630nm)	**CRI** **80C** = 80 CRI **90C** = 90 CRI* *N/A with 5000K.	**Flush Lens** **1** = .125 Clear Poly. **2** = .250 Clear Poly.	**Trim** **F** = Flange **DF** = Dead Front Flange	**Trim Finish** **A** = .080 Alum. Painted **B** = 18Ga. CRS Painted **C** = 18Ga. 304 Brushed **D** = 18 Ga. 304 SS Painted

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.

© 2026, New Star Lighting. All rights reserved. Unauthorized duplication or distribution is prohibited.

SPECIFICATIONS

HEAT SINK: Custom diecast aluminum heat sink design for maximum thermal dissipation.

FRAME-IN KIT: 20-gauge die-formed, galvanized steel. Vertically adjustable collar accommodates ceiling thicknesses up to 1.25", adjustable post-installation. telescopic hanger bars come as standard. can be installed in either direction (wing bracket can be ordered as option) for installation with wood and steel frame joists and T-grid ceiling systems spaced up to 24" on center. Quick-access junction box accessible post-installation from above and below ceiling. Includes (7) 1/2" knock-outs toallow straight conduit runs.

TRIM: IP-rated trim/light engine incorporates the heat sink, LED module, optics and lower trim. Flush lens trim secured with Phillips fasteners. Closed-cell gasketing at ceiling flange.

OPTICAL: Round or square aperture with clear impact-resistant polycarbonate lens.

ELECTRICAL: LED source available in multiple CCT and CRI combinations with a maximum 3-step MacAdam variation allowance. 120-277VAC, 50/60Hz electrical input with serviceable constant current driver (<20% THD, >0.90 PF). Minimum 85% driver efficiency. Standard 0-10V dimming with 1-100% range; 0.2mA maximum source current. Optional eldoLED ECOdrive DALI-2/LEDcode2 driver with 1-100% range.

FINISH: White polyester powder coat finish following multi-stage iron phosphate pretreatment.

INSTALLATION: Recessed drywall and grid installation. Frame adjustable to ceiling thickness 0.5" to 1.25".

WARRANTY: New Star Promise.

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

NEW STAR PROMISE

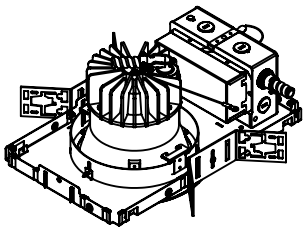
The StarTrans™ Downlight Series is covered by our New Star Promise.

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*.

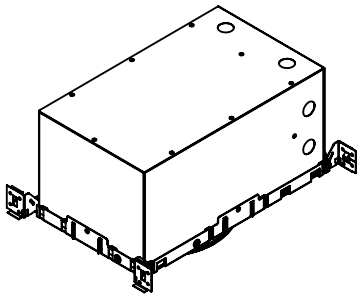
*Damage caused by gunfire and chemical reactions is not covered by the New Star Promise

DIMENSIONAL DATA

NON-IC CONSTRUCTION

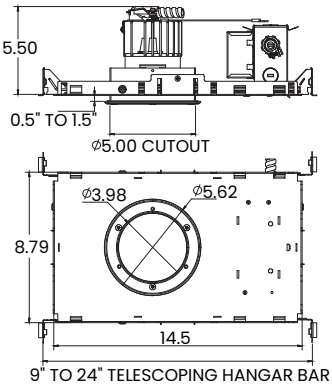


IC CONSTRUCTION



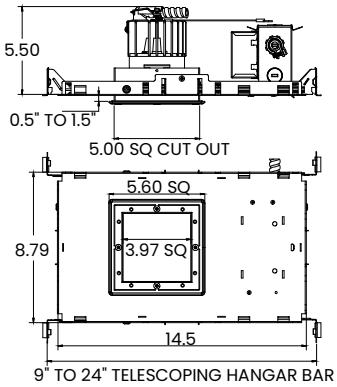
4" DOWNLIGHT

4" ROUND



9" TO 24" TELESCOPING HANGAR BAR

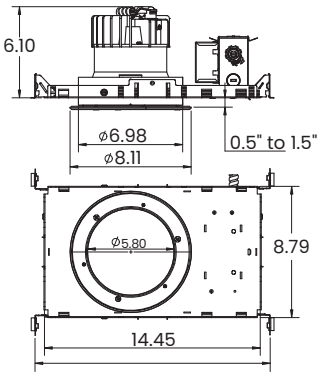
4" SQUARE



9" TO 24" TELESCOPING HANGAR BAR

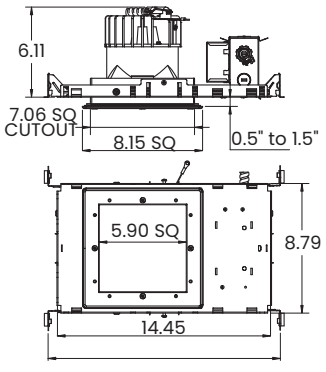
6" DOWNLIGHT

6" ROUND



9" TO 24" TELESCOPING BAR HANGER

6" SQUARE



9" TO 24" TELESCOPING BAR HANGER

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.

© 2026, New Star Lighting. All rights reserved. Unauthorized duplication or distribution is prohibited.

PERFORMANCE DATA

*Data is with 80 CRI chip at 4000K. 6IN Downlight Wide beam, 1500lm Engine, 115lm/W at 18.75W

MODEL	SHAPE	OUTPUT	LUMENS DELIVERED	EFFICACY (lm/W)	INPUT POWER (W)
DCDL-ST-4	R = Round	**LW** = Low	1087	73	14
		SD = Standard	1375	74	18
		MD = Medium	1580	74	21
		HG = High	1935	69	28
	S = Square	**LW** = Low	1128	75	14
		SD = Standard	1346	76	18
		MD = Medium	1515	76	21
		HG = High	1907	76	28
DCDL-ST-6	R = Round	**LW** = Low	1271	92	14
		SD = Standard	1886	93	20
		MD = Medium	2479	92	27
		HG = High	3750	86	44
	S = Square	**LW** = Low	1178	85	14
		SD = Standard	1748	86	20
		MD = Medium	2296	84	27
		HG = High	3506	80	43

MODEL	SHAPE	NARROW SPECTRUM	LUMENS DELIVERED	EFFICACY (lm/W)	INPUT POWER (W)
DCDL-ST-6	R = Round	**Red (630nm)**	565	24	23
		Blue (470nm)	586	19	31
		Green (530nm)	1406	46	31
		Amber (585-595nm)	312	28	11

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.

© 2026, New Star Lighting. All rights reserved. Unauthorized duplication or distribution is prohibited.