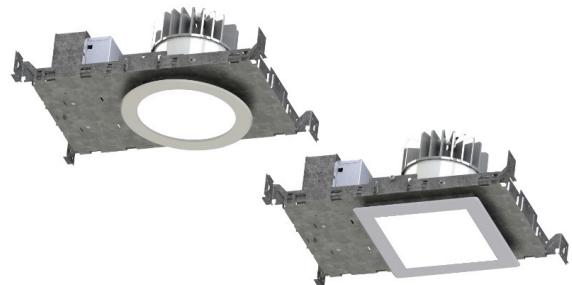


PROJECT: _____
 TYPE: _____
 PRODUCT: _____
 APPROVED BY: _____



CCDL SERIES

PRODUCT FEATURES

- Intended for healthcare applications including Patient Rooms, Exam Rooms, Nurses' Stations, Lobbies and more
- 4" and 6" sealed recessed downlight, round or square aperture options
- Suitable for non-IC and wet location installations (IC Rated housing an option), IK10 listed per IEC60068-2-75: 2014, and IP65 rated per IEC60598
- Variety of wattages and lumen packages, up to 4000lm at 43W (6")
- This product is Made in America and complies with Buy American Act (BAA) and the Build America, Buy America Act (BABAA)



ORDERING INFORMATION

Example: CCDL-4-R-SD30-90C-F-C-AC-34-DM1

| CCDL | | | | | | | | |
|--------|--------------------------------------|----------------------------------|--|---|---|-------------------------------------|------------------------------------|--|
| Series | Aperture 4 = 4 inch 6 = 6 inch | Shape R = Round S = Square | Lumen Output* LW = Low SD = Standard MD = Medium HG = High | Color Temp. 27 = 2700K 30 = 3000K 35 = 3500K 40 = 4000K 50 = 5000K | AMB = Amber (585-595nm) BLU = Blue (470nm) RGBW/30 = RGB + 3000K* RGBW/40 = RGB + 4000K* * Must use with DMX Driver | CRI 80C = 80 CRI 90C = 90 CRI | Trim F = Flange T = Trimless | |
| | | | <p>*Specify desired lumens. Subject to change.</p> <p>**Higher lumen packages for 6" only.</p> <p>Subject to change. Performance data on page 3.</p> | | | | | |

| AC | | | | |
|--|---|--|--|---|
| Trim Finish A = .080 Alum. Painted B = 18Ga. CRS Painted C = 18Ga. 304 Brushed* D = 18 Ga. SS Painted* | Lens* AC = .060" Acrylic *Lens recessed within trim to minimize glare | Voltage 12 = 120V 27 = 277V 34 = 347V | Driver Type DM1 = 0-10V Dimming with 1-100% range DMT = 0-10V & TRIAC/ELV* *Must specify with 120V. Tunable White Driver* DALI8 = 2-Channel DALI Type 8 with 1-100% dimming TWO = 2-Channel 0-10V with 1-100% dimming *Tunable White Driver requires choice of TW1 or TW2 in Color Temp column. | Options FZ1 = Fuse (120V) FZ2 = Fuse (277V) EM = Emerg. Battery (Remote)* W = Wing Bracket *If stored, batteries should be fully recharged every six months and kept between 0°C-25°C to maintain optimal battery capacity. CA Title 20 compliant with remote test switch. |
| | | | Specifications and dimensions are subject to change without notice. For additional options and dimensional details, please consult your New Star Lighting representative. | |



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

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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 to allow straight conduit runs.

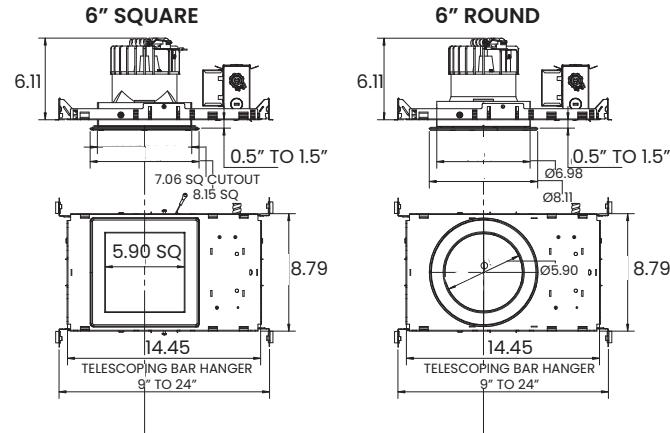
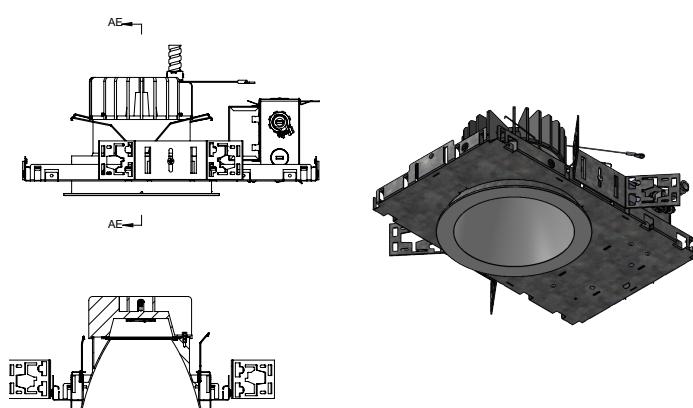
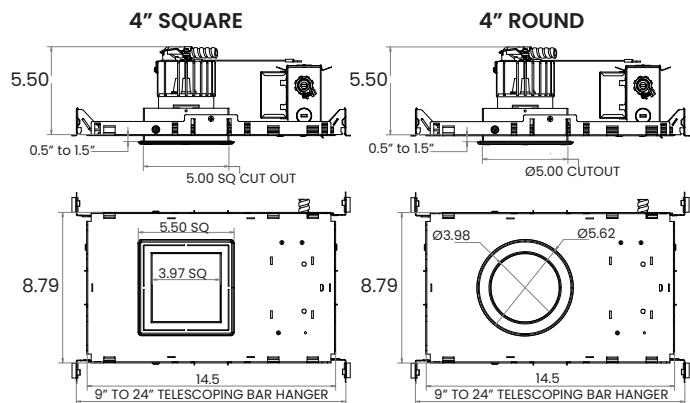
TRIM: IP-rated trim/Light engine incorporates the heat sink, LED module, optics and lower trim. Configurable with an IP64-rated Flush lens trim that is secured to the Frame-In kit with hidden torsion springs. Closed-cell gasketing at ceiling flange. See trim ordering information for available options.

OPTICAL: Round or Square aperture. Diffuse Acrylic upper lens. .060" clear impact-resistant acrylic. Continuous seal between lens and trim ring.

ELECTRICAL: LED source available in multiple CCT and CRI combinations with a maximum 3-step MacAdam variation allowance. See Trim Ordering Information for available options. 120-277VAC or 347VAC, 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 and dim-to-dark capabilities; 0.2mA maximum source current. Optional eldoLED ECOdrive DALI-2/LEDcode2 driver with 1-100% range.

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

LABEL: Fixture is certified to UL standards for non-IC and wet location installations. IP65 Rating per IEC60598. Certified for NSF Splash Zone/ Non-Food Zones. This product is Made in America and complies with Buy American Act (BAA) and the Build America, Buy America Act (BABAA).

DIMENSIONAL DATA**6" DOWNLIGHT****4" DOWNLIGHT**

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COMPLETECARE™ DOWNLIGHT SERIES

 **New Star**Lighting

PERFORMANCE DATA

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

| Series | Shape | Lumens Output | CCT | Delivered Lumens | Efficacy | System Watts |
|--------|-------|---------------|-----|------------------|----------|--------------|
| CCDL6 | R | LW= LOW | 40K | 1405 | 101.8 | 13.8 |
| | | SD= STANDARD | 40K | 2081 | 102.5 | 20.3 |
| | | MD= MEDIUM | 40K | 2736 | 101.0 | 27.1 |
| | | HG= HIGH | 40K | 4181 | 95.5 | 43.8 |

| Series | Shape | Lumens Output | CCT | Delivered Lumens | Efficacy | System Watts |
|--------|-------|---------------|-----|------------------|----------|--------------|
| CCDL6 | S | LW= LOW | 40K | 1392 | 100.7 | 13.8 |
| | | SD= STANDARD | 40K | 2070 | 101.7 | 20.3 |
| | | MD= MEDIUM | 40K | 2760 | 101.6 | 27.1 |
| | | HG= HIGH | 40K | 3990 | 95.9 | 41.5 |

| Series | Shape | Lumens Output | CCT | Delivered Lumens | Efficacy | System Watts |
|--------|-------|---------------|-----|------------------|----------|--------------|
| CCDL4 | R | LW= LOW | 40K | 1260 | 84 | 14 |
| | | SD= STANDARD | 40K | 1450 | 83 | 18 |
| | | MD= MEDIUM | 40K | 1650 | 81 | 21 |
| | | HG= HIGH | 40K | 2172 | 77 | 28 |

| Series | Shape | Lumens Output | CCT | Delivered Lumens | Efficacy | System Watts |
|--------|-------|---------------|-----|------------------|----------|--------------|
| CCDL4 | S | LW= LOW | 40K | 1257 | 84 | 14 |
| | | SD= STANDARD | 40K | 1525 | 84 | 18 |
| | | MD= MEDIUM | 40K | 1750 | 83 | 21 |
| | | HG= HIGH | 40K | 2236 | 79 | 28 |



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