

BDL4 COLOR

BARITONE STATIC COLOR

4" ROUND + SQUARE DOWNLIGHT

PROJECT _____ TYPE _____

SPECIFIER _____ MEMO _____

ORDERING CODE BREAKDOWN

MAIN FEATURES

- Designed for new construction and remodel installations
- Custom TIR optic platform to ensure excellent light control
- Delivering static color light with 3 output levels
- Modular platform with easy maintenance
- Dimming to 1% via Standard Phase-cut or 0-10V or optional 0.1% 0-10V or DALI-2
- Super-shallow installation height of <2.5" and non-conductive baffles



Round and square with (SD/PW)
Specular Baffle + White Flange



/ / / / / / / / / +

FIXTURE	MODULE	CEILING THICKNESS	BAFFLE FINISH	FLANGE FINISH	BEAM SPREAD	LEDS	OUTPUT	POWER SUPPLY	INSTALLATION	FIXTURE OPTIONS
BDLR : Round	4 : 4"	1 : 0.50"-1.5"	PW : Perfect White	PW : Perfect White	NSP : Narrow Spot (22°)	RED : Red (630nm)	HI : 20W	UNV : 120-277V, 1% phase-cut/0-10V	NCT : New Construction Tray with Field installed Standard Hangar Bars	CASPC ¹ : Casambi Wireless Phase-cut Node
BDLS : Square			BK : Black	BK : Black	NFL : Narrow Flood (31°)	AMB : Amber (610nm)	MID : 15W	UDA : 120-277V, 0.1% Logarithmic DALI-2/D4i (DT8 standard; for DT6, add option)	NCC : New Construction Tray with Field installed Commercial Hangar Bars with mounting brackets for vertical adjustment	CAS10 ¹ : Casambi Wireless 0-10V Node
			SD : Semi-diffused	SD : Semi-diffused	FL : Flood (46°)	GRN : Green (515nm)	LO : 10W	UN1 : 120-277V 0.1% Logarithmic 0-10V	RM : Remodel	CAS ¹ : Casambi Wireless DALI-2 Node
					WFL : Wide Flood (65°)	BLU : Blue (465nm)		DMX : 120-277V 0.1% DMX (Incompatible with wireless nodes)	RMCP : Remodel with Chicago Plenum wiring Box	AWNR ¹ : Lutron Athena Wireless DALI-2 Node
						VIO : Violet (405nm)				LEV ¹ : Leviton Intellect DALI-2 Node
										WAT ¹ : Wattstopper/ Encelium Wireless DALI-2 Node
										DT6 : DALI DT6 (For use with UDA only)

Notes: ¹ Wireless Node Compatibility: CASPC only with UNV; CAS10 only with UNV + UN1; and CAS, AWRN, LEV, WAT with UDA power supply only.

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OPTICS + PERFORMANCE

- WFL Wide Flood - 60°
- Performance packages
 - HI : 20W
 - MID : 15W
 - LO : 10W
- Color Options
 - Red : 630nm
 - Amber : 610nm
 - Green : 515nm
 - Blue : 465nm
 - Violet : 405nm
- Fixture life:
 - Full power: 50,000 hours
 - 75% power: 100,000 hours
 - Below 50% power: 125,000 hours
 - LED 90% lumen maintenance: 60,000 hours

POWER + CONTROLS

- Universal Input: 120-277V
- Proprietary Solais driver dimming
 - UNV: Linear 1% Phase-cut or 0-10V
 - UDA: Logarithmic 0.1% DALI-2 D4i DT8; DT6 option
 - UN1: Logarithmic 0.1% 0-10V
 - DMX: Logarithmic 0.1% DMX
- Casambi, Lutron, Leviton, and Wattstopper wireless controls available

CONSTRUCTION + FINISH

- Weight 3.75 lbs.
- Galvanized steel tray
- Single-piece die-cast aluminum heatsink powder-coated with polyester powder
- Non-conductive baffles
- "Dead front" with semi-diffused specular baffle AND flange (SD/SD)

TRIM + BAFFLE OFFERINGS

- Ceilings: gypsum, wood, t-bar, specialty, other
- Ceiling Thicknesses: ½" - 1 ½"
- Standard baffle + flange colors (*CF for custom*):
 - White: RAL 9003
 - Black: RAL 9005
- Semi-diffused Specular (*semi-diffused specular flange only available with semi-diffused specular baffle*)

RATINGS + CERTIFICATIONS

- IC rated
- ETL listed; conforming to UL safety standards
- Wet location rated; approved for use in showers and outdoors with covered canopy
- Contain no lead or mercury
- Intended for normal ambient temperature applications. Consult factory for elevated temperatures or humidity (e.g. steam, hot yoga, etc.)

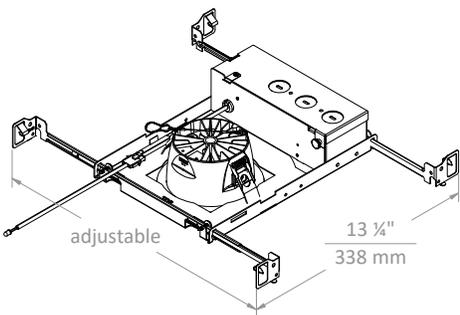
WARRANTY

- 5-year warranty

HANGING BARS DIMENSIONAL DETAILS

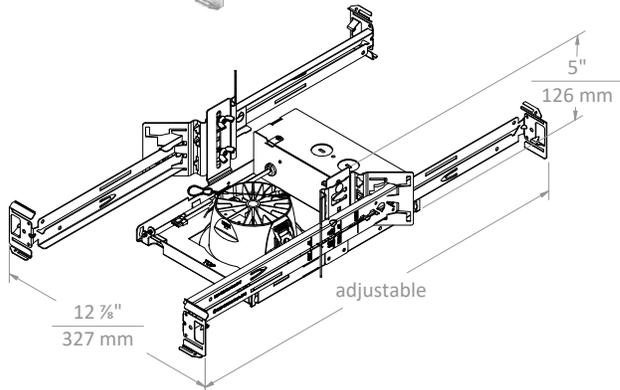
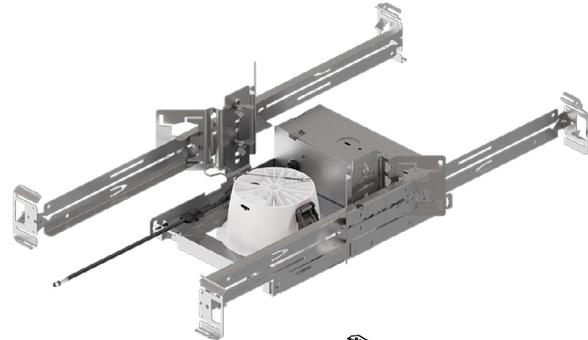
Standard Hanging Bars (NCT)

- NCT (5.7 lbs.)
- Standard mounting brackets: 14" Minimum to 24" Maximum



Commercial Hanging Bars (NCC)

- NCC (7.2 lbs.)
- Commercial mounting brackets: 10" Minimum to 24" Maximum with 2 3/4" vertical adjustment



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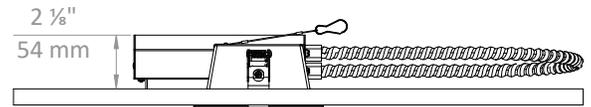
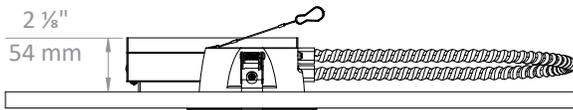
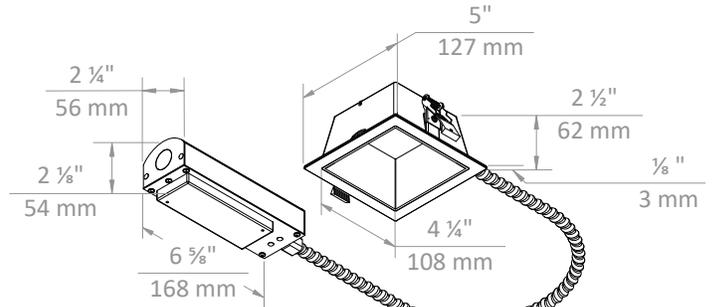
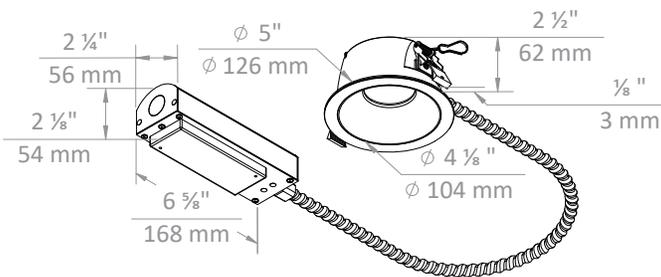
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REMODEL CHICAGO PLENUM (RMCP)

▪ Round Ceiling Cutout: $\varnothing 4 \frac{3}{8}$ "



▪ Square Ceiling Cutout: $4 \frac{1}{2}$ " x $4 \frac{1}{2}$ "



BAFFLE + FLANGE DETAIL

Semi-Diffused Specular Baffle + Perfect White Flange (SD/PW)

Perfect White Baffle + Flange (PW/PW)

Black Baffle + Flange (BK/BK)

Black Baffle + Perfect White Flange (BK/PW)

Semi-Diffused Specular Baffle + Flange (SD/SD)

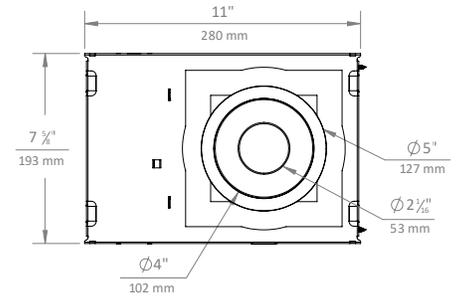
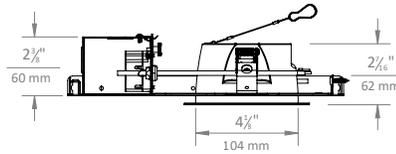


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ROUND BDLR4 - NCT : NEW CONSTRUCTION TRAY

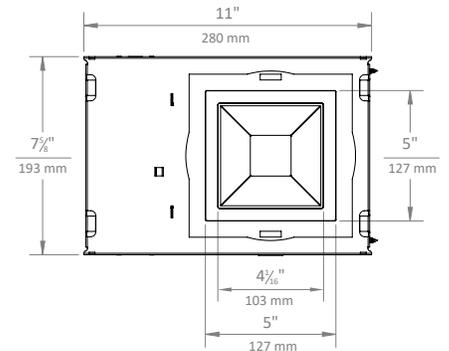
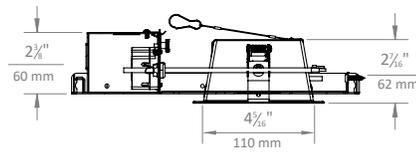
Ceiling Cutout : 4 3/8" Diameter



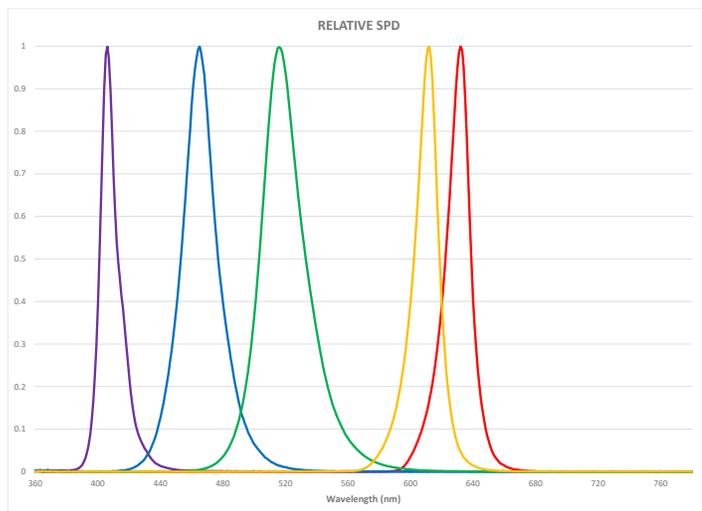
SQUARE BDLS4 - NCT : NEW CONSTRUCTION TRAY

Ceiling Cutout : 4 1/2" x 4 1/2"

Up to 2000 lm



- NCT Standard mounting brackets: 14" Minimum to 24" Maximum
- NCC Commercial mounting brackets: 10" Minimum to 24" Maximum with 2 3/4" vertical adjustment



PROJECT	TYPE
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PHOTOMETRIC DETAILS | **baseline X output multiplier = final output**

Baseline data shown below for 20W

RED - 65° Wide Flood

Input Power: 18.9 W
 Lumens: 696 lm
 Efficacy: 37 lm/W
 CBCP: 585 cd
 Beam Angle: 65.1°
 Field Angle: 102.4°
 Spacing Criteria: 1.28

∠	0°	45°	90°
0°	584	584	584
5°	573	575	576
10°	543	548	547
15°	515	521	521
20°	465	467	472
25°	395	402	408
30°	328	333	334
35°	241	248	256
40°	168	174	176
45°	113	116	118

AMB - 64° Wide Flood

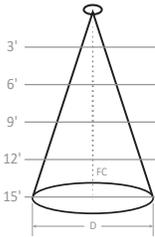
Input Power: 20.0 W
 Lumens: 424 lm
 Efficacy: 21 lm/W
 CBCP: 383 cd
 Beam Angle: 63.7°
 Field Angle: 101.6°
 Spacing Criteria: 1.24

∠	0°	45°	90°
0°	382	382	382
5°	375	371	367
10°	364	363	361
15°	349	348	343
20°	326	313	302
25°	273	265	251
30°	227	220	207
35°	174	165	155
40°	124	117	108
45°	83	78	70

GRN - 65° Wide Flood

Input Power: 18.5 W
 Lumens: 1030 lm
 Efficacy: 56 lm/W
 CBCP: 878 cd
 Beam Angle: 65.2°
 Field Angle: 103.1°
 Spacing Criteria: 1.28

∠	0°	45°	90°
0°	876	876	876
5°	864	865	858
10°	828	831	836
15°	791	780	794
20°	719	706	708
25°	601	597	605
30°	484	474	502
35°	350	340	374
40°	250	246	267
45°	165	162	177



BLU - 65° Wide Flood

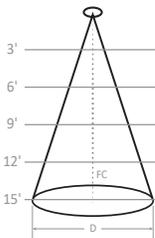
Input Power: 19.5 W
 Lumens: 260 lm
 Efficacy: 13.3 lm/W
 CBCP: 224 cd
 Beam Angle: 65.1°
 Field Angle: 102.2°
 Spacing Criteria: 1.28

∠	0°	45°	90°
0°	224	224	224
5°	219	221	221
10°	219	217	216
15°	209	206	201
20°	193	190	184
25°	166	165	155
30°	139	134	125
35°	109	100	88
40°	77	72	64
45°	51	47	42

VIO - 60° Wide Flood

Input Power: 20.1 W
 Lumens: 13 lm
 Efficacy: 0.6 lm/W
 CBCP: 12 cd
 Beam Angle: 60.0°
 Field Angle: 96.0°
 Spacing Criteria: 1.15

∠	0°	45°	90°
0°	12	12	12
5°	12	12	12
10°	12	12	12
15°	12	12	12
20°	10	10	10
25°	8	8	8
30°	8	6	6
35°	6	4	4
40°	4	4	4
45°	2	2	2



OUTPUT MULTIPLIER

Output	Multiplier				
	RED	AMB	GRN	BLU	VIO
20W	1.00	1.00	1.00	1.00	1.00
15W	0.87	0.85	0.83	0.96	0.69
10W	0.68	0.67	0.62	0.83	0.46