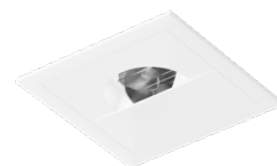


BDL4 DW

BARITONE COMMERCIAL DOWNLIGHT 4" ROUND + SQUARE WALLWASH

MAIN FEATURES

- A TRUE Recessed Downlight Wallwash for even, top-to-bottom illumination
- Designed for remodel installation; new construction tray and Chicago plenum/airtight housing optional
- Delivering up to 4000 lumens at 3500K, 90+ CRI and 41W
- Modular platform with easy maintenance for individual components featuring visual indicator to ensure proper installation prior to module installation
- Solais' proprietary driver technology delivers smooth, flicker-free dimming (per IEEE 1789-2015) to 1% via phase-cut or 0-10V; 0.1% 0-10V/DALI-2
- Custom TIR optic platform to ensure excellent light control
- Super-shallow installation height of <2.5" and non-conductive baffles



FIXTURE	MODULE	CEILING THICKNESS	BAFFLE FINISH	FLANGE FINISH	BEAM SPREAD	CRI	CCT	LUMENS	POWER SUPPLY	INSTALLATION	FIXTURE OPTIONS
BDLR : Round	4 : 4"	1 : 0.50"-1.5"	PW : Perfect White	PW : Perfect White	DW : Down Wallwash Trim	9 : 90+ CRI	27 : 2700K	1000 : 10W 1500 : 15W	UNV : 120-277V, 1% phase-cut/0-10V dimming	NCT : New Construction Tray with Field installed Standard Hangar Bars	CASPC : Casambi Wireless Phase-cut Node
BDLS : Square			BK : Black	BK : Black		D ³ : Dim-to-Warm (98 CRI)	30 : 3000K 35 : 3500K 40 : 4000K 50 : 5000K	2000 : 20W 2500 : 26W 3000 : 33W 3500 : 33W 4000 : 46W 1400 ³ : 21W (Dim-to-Warm only)	UDA : 120-277V, 0.1% Logarithmic DALI-2/D4i dimming	NCC : New Construction Tray with Field installed Commercial Hangar Bars with mounting brackets for vertical adjustment RM : Remodel	CAS10 : Casambi Wireless 0-10V Node CAS : Casambi Wireless DALI-2 Node AWNRR : Lutron Athena Wireless DALI-2 Node LEV : Leviton Intellect DALI-2 Node WAT : Wattstopper/Encelium Wireless DALI-2 Node EMI-25W ¹ : 25W Emergency Microinverter, 120-277V EMI-8W ¹ : 8W Emergency Microinverter, 120-277V

Notes: ¹Emergency test switch must be remote mounted

³Dim-to-warm option is 98 CRI, 3000K to 1800K, and only offered with the 1400 lumen package.

OPTICS + PERFORMANCE

- Down Wall Wash provides even top-to-bottom illumination
- Performance packages
 - 10W; 1000 lumens
 - 15W; 1500 lumens
 - 20W; 2000 lumens
 - 22W; 2500 lumens
 - 21W; 1400 lumens (*dim-to-warm only*)
 - 27W; 3000 lumens
 - 34W; 3500 lumens
 - 41W; 4000 lumens
- Color Temperatures
 - 90+ CRI Standard: 2700K, 3000K, 3500K, 4000K, 5000K
 - Dim-to-Warm: 98 CRI, 3000K to 1800K
- 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

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

CONSTRUCTION + FINISH

- Weight 3.75 lbs.
- Galvanized steel tray
- Single-piece die-cast aluminum heatsink powder-coated with polyester powder
- Non-conductive baffles

WARRANTY

- 5-year warranty

POWER + CONTROLS

- Universal Input: 120-277V
- Proprietary Solais drivers
 - UNV: Phase-cut or 0-10V <1% dimming
 - UDA: Logarithmic 0.1% 0-10V or DALI-2 dimming
- Casambi and Lutron wireless controls available

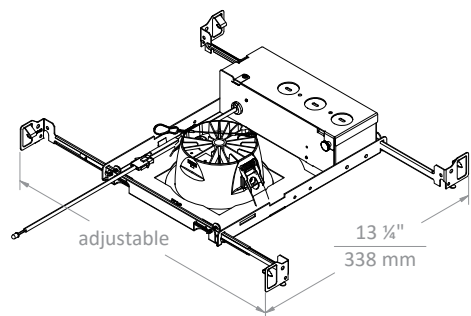
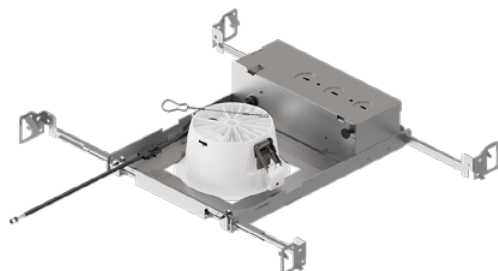
RATINGS + CERTIFICATIONS

- IC rated up to 2500 lumens/22W (without enclosure), Non-IC 3000+ lumens/25+W
- 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

HANGING BARS DIMENSIONAL DETAILS

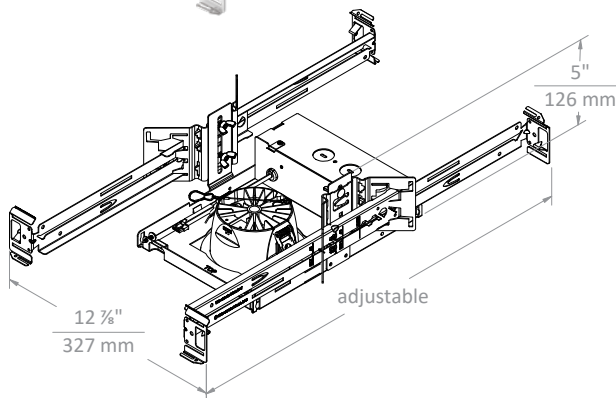
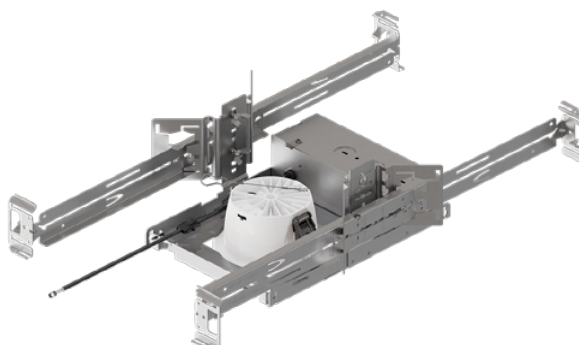
Standard Hanging Bars (NCT)

- 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 ¾" vertical adjustment

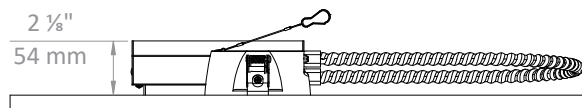
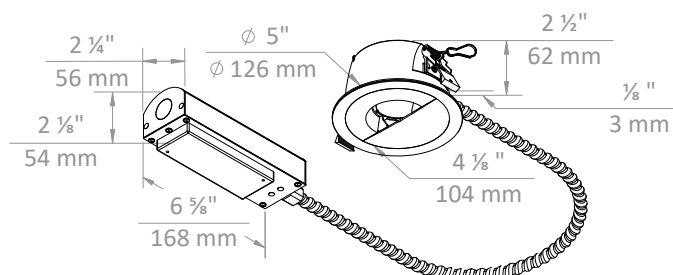
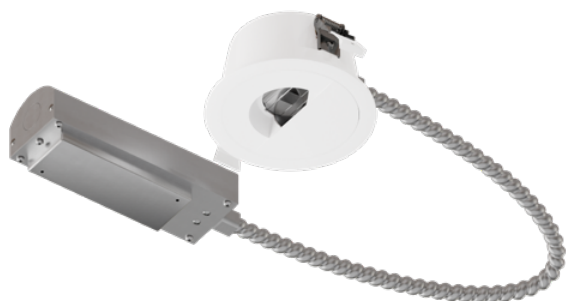


BDL4 DW

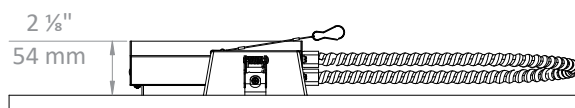
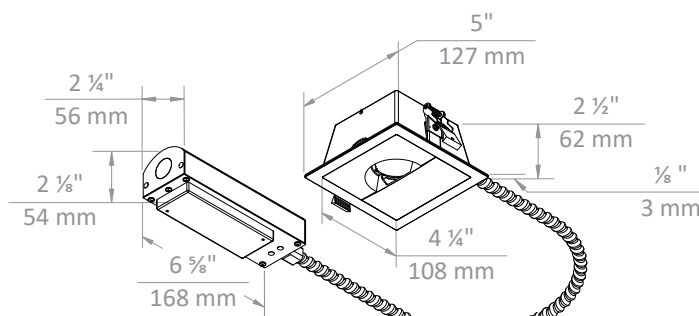
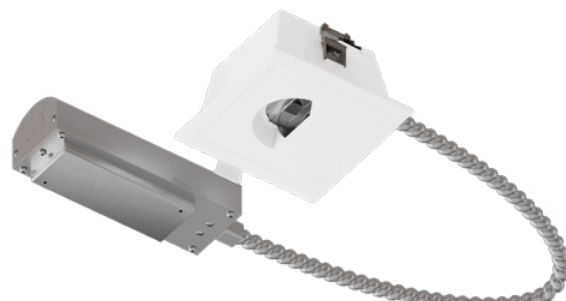
BARITONE COMMERCIAL DOWNLIGHT
4" ROUND + SQUARE WALLWASH

REMODEL DIMENSIONAL DETAILS

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



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



BAFFLE + FLANGE DETAIL

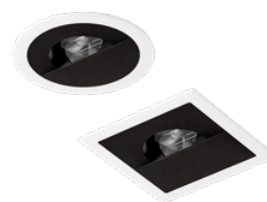
Perfect White
Baffle + Flange
(PW/PW)



Black
Baffle + Flange
(BK/BK)



Black Baffle +
Perfect White Flange
(BK/PW)



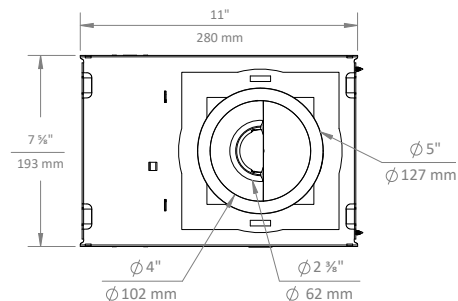
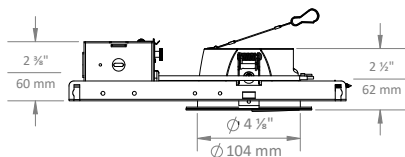
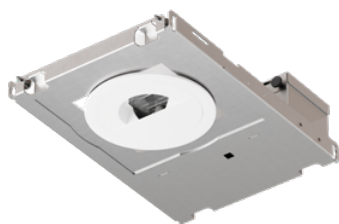
BDL4 DW

BARITONE COMMERCIAL DOWNLIGHT
4" ROUND + SQUARE WALLWASH

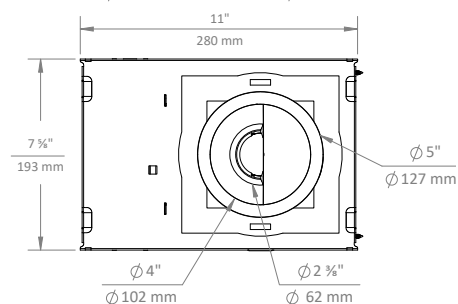
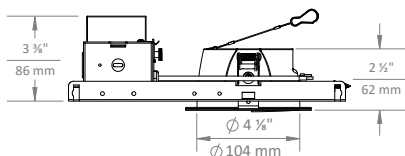
BDLR4 - ROUND DIMENSIONAL DETAILS

Ceiling Cutout : 4 1/4" Diameter

UNV2 (1000-1500 lm) + UNV3 (2000-2500 lm)



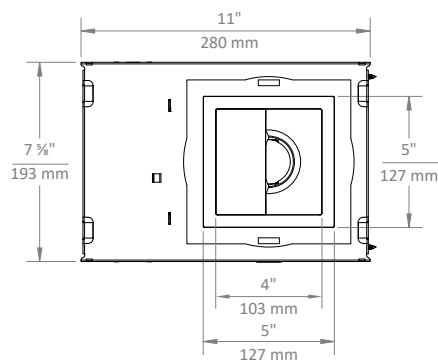
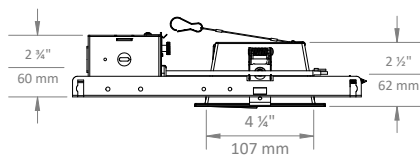
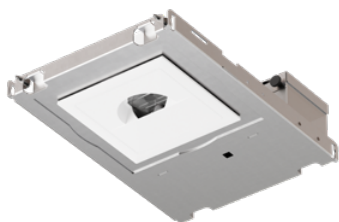
UNV5 (3000+ lm)



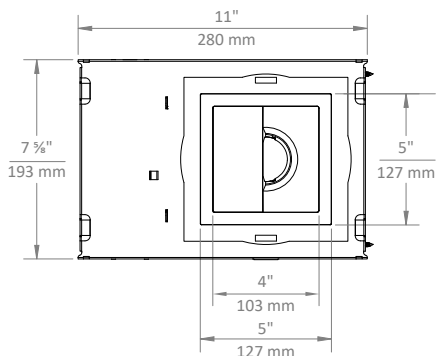
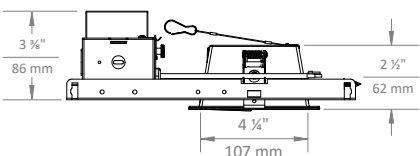
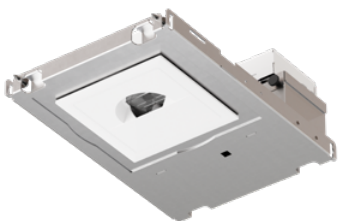
BDLS4 - SQUARE DIMENSIONAL DETAILS

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

UNV2 (1000-1500 lm) + UNV3 (2000-2500 lm)



UNV5 (3000+ 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

PHOTOMETRIC DETAILS | Baseline data shown below for 20W, 2000 lumens, 90+ CRI , 3000K
2.5 FT from wall, 12 FT mounting height

SINGLE FIXTURE

	0 FT	1 FT	2 FT	3 FT
1 FT	7 fc	6 fc	5 fc	3 fc
2 FT	9 fc	8 fc	6 fc	4 fc
3 FT	11 fc	10 fc	8 fc	5 fc
4 FT	12 fc	11 fc	8 fc	5 fc
5 FT	12 fc	11 fc	8 fc	6 fc
6 FT	10 fc	9 fc	7 fc	5 fc
7 FT	8 fc	7 fc	6 fc	5 fc
8 FT	6 fc	6 fc	5 fc	4 fc
9 FT	5 fc	5 fc	4 fc	4 fc
10 FT	4 fc	4 fc	3 fc	3 fc
11 FT	3 fc	3 fc	3 fc	3 fc
12 FT	3 fc	3 fc	3 fc	2 fc

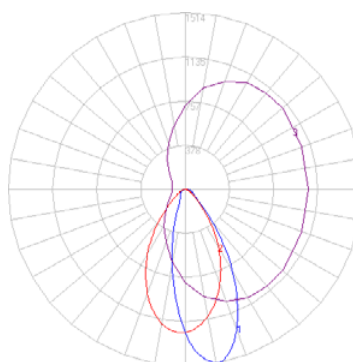
MULTIPLE FIXTURES

	2.5 FT ON CENTER	5 FT ON CENTER
1 FT	17 fc	17 fc
2 FT	20 fc	20 fc
3 FT	26 fc	25 fc
4 FT	29 fc	28 fc
5 FT	29 fc	28 fc
6 FT	27 fc	26 fc
7 FT	23 fc	23 fc
8 FT	20 fc	20 fc
9 FT	17 fc	17 fc
10 FT	14 fc	14 fc
11 FT	13 fc	13 fc
12 FT	12 fc	12 fc

OUTPUT MULTIPLIER	
Package	Multiplier
10W; 1000 lm	0.54
15W; 1500 lm	0.75
20W; 2000 lm	1.00
26W; 2500 lm	1.25
33W; 3000 lm	1.53
40W; 3500 lm	1.74
46W; 4000 lm	1.91

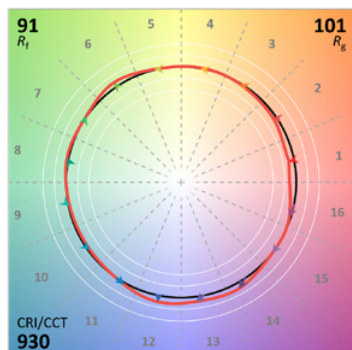
CRI-CCT MULTIPLIER	
CCT	90+ CRI
2700K	0.97
3000K	1.00
3500K	1.02
4000K	1.03
5000K	1.04

ISOMETRIC DETAIL

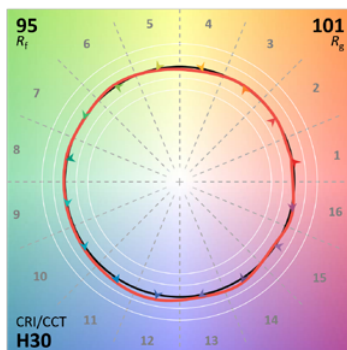


TM30 COLOR REPORTS

- 3000K with 95 CRI
- $R_A = 95$; $R_g = 62$
- $R_f = 91$; $R_g = 101$



- 3000K with 98+ CRI
- $R_A = 98$; $R_g = 96$
- $R_f = 95$; $R_g = 101$



- 3000K to 1800K with 90+ CRI
- $R_A = 95$; $R_g = 62$
- $R_f = 94$; $R_g = 104$

