

PROJECT

TYPE

SPECIFIER

MEMO

ORDERING CODE BREAKDOWN

BDL4 Wildlife

BARITONE NEW CONSTRUCTION
4" ROUND + SQUARE DOWNLIGHT

MAIN FEATURES

- Designed for new construction installations
- Delivering 1500 lumens at 15W
- 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
- Custom TIR optic platform to ensure excellent light control
- Super-shallow installation height of <2.5" and non-conductive baffles



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

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FIXTURE	MODULE	CEILING THICKNESS	BAFFLE	FLANGE	BEAM SPREAD	LEDS	LUMENS	POWER SUPPLY	TRAY OPTIONS	FIELD OPTIONS
BDLR : Round	4 : 4"	1 : 0.50"-1.5"	PW : Perfect White	PW : Perfect White	FL : Flood (40°)	AMB : Amber Wildlife and Turtle Safe	1500 : 15W	UNV : 120-277V, phase-cut/0-10V dimming	HB : Standard Hanger Bars	CAS10 : 0-10V Casambi Wireless Node
BDLS : Square			BK : Black	BK : Black					CHB : Commercial Hanger Bars with vertical adjustment	CASPC : Phase-cut Casambi Wireless Node
			SD : Semi-diffused	SD : Semi-diffused						

Notes: Emergency test switch must be remote mounted with SD flange finish; Consult factory for longer EM runtime options

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OPTICS + PERFORMANCE

- Flood - 40°
- 15W; 1500 lumens
- Wildlife and turtle safe, specialty amber LED
- 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

CONSTRUCTION + FINISH

- Weight 3.75 lbs.
- Galvanized steel tray
- Single-piece die-cast aluminum heatsink powdercoated 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*)

POWER + CONTROLS

- Universal Input: 120-277V
- Proprietary Solais driver provides phase-cut or 0-10V dimming <1%
- Preinstalled 10W emergency battery backup with built-in, integral trim test switch option; no need for remote wiring
- Casambi and Lutron wireless controls available
- Consult factory for longer EM runtime options.

RATINGS + CERTIFICATIONS

- IC rated up to 2500 lumens/22W (without enclosure), Non-IC 3000+ lumens/25+W
- Emergency Battery pack is California Title 20 compliant
- 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

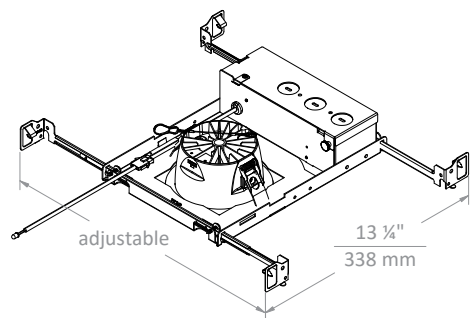
WARRANTY

- 5-year warranty

HANGING BARS DIMENSIONAL DETAILS

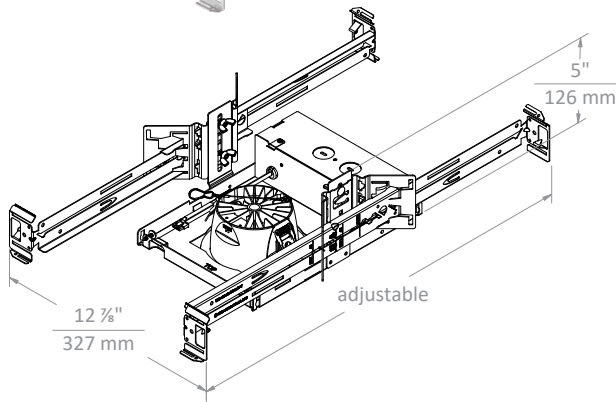
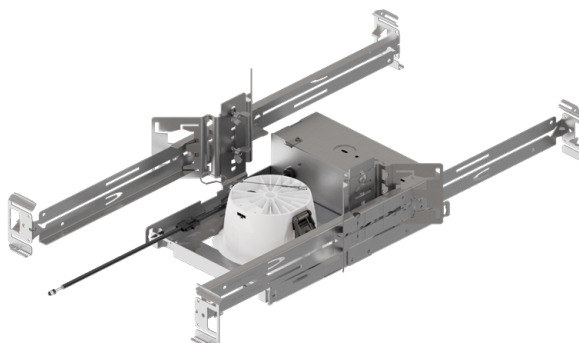
Standard Hanging Bars

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



Commercial Hanging Bars

- HBC (7.2 lbs.)
- Commercial mounting brackets:
10" Minimum to 24" Maximum
with 2 ¾" vertical adjustment

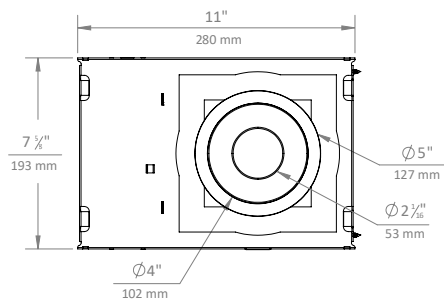
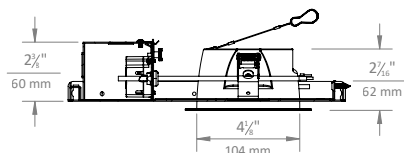


BDL4 Wildlife

BARITONE NEW CONSTRUCTION
4" ROUND + SQUARE DOWNLIGHT

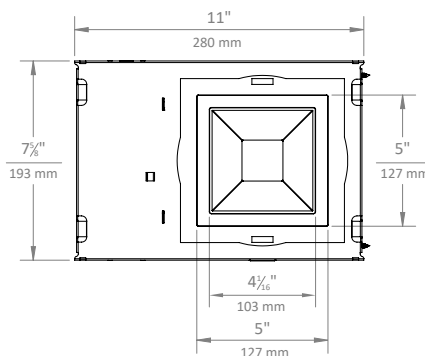
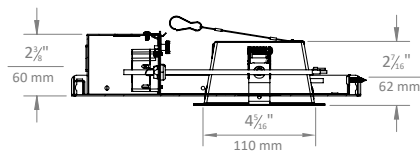
BDLR4 - ROUND DIMENSIONAL DETAILS

Ceiling Cutout : 4 3/8" Diameter



BDLS4 - SQUARE DIMENSIONAL DETAILS

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



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

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)

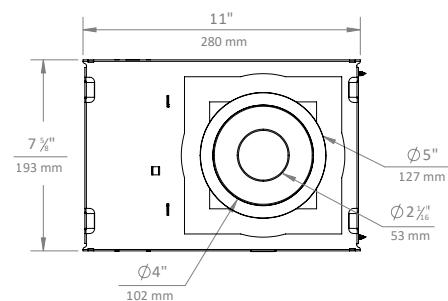
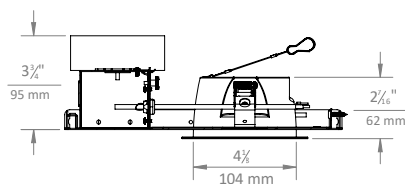
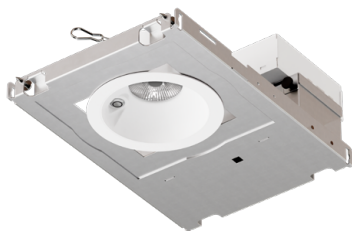


BDL4 Wildlife

BARITONE NEW CONSTRUCTION
4" ROUND + SQUARE DOWNLIGHT

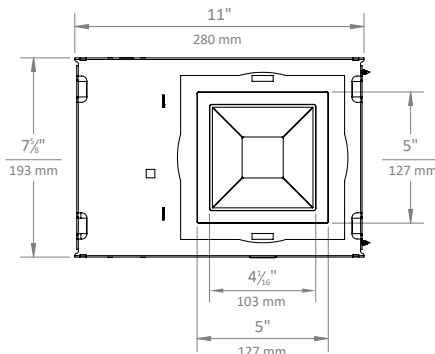
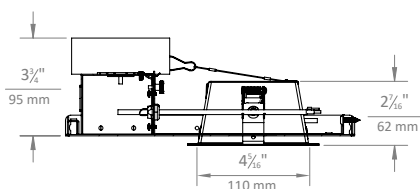
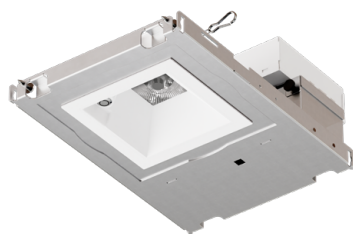
BDLR4 - ROUND DIMENSIONAL DETAILS (WITH EMERGENCY BATTERY BACKUP)

Ceiling Cutout : 4 3/8" Diameter



BDLS4 - SQUARE DIMENSIONAL DETAILS (WITH EMERGENCY BATTERY BACKUP)

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



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

BAFFLE + FLANGE DETAIL (WITH INTEGRAL EM)

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)



Remote EM required for
Semi-Diffused Specular
Baffle + Flange



Remote EM required for
Semi-Diffused Specular
Baffle + Flange

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BARITONE NEW CONSTRUCTION
4" ROUND + SQUARE DOWNLIGHT

PHOTOMETRIC DETAILS

FL - 43° Flood

Input Power: 15.4 W
Lumens: 330 lm
Efficacy: 21.4 lm/W
CBCP: 481 cd
Beam Angle: 45.1°
Field Angle: 83.2°
Spacing Criteria: 0.83

∠	0°	45°	90°
0°	481	481	481
5°	471	465	463
10°	436	430	434
15°	378	378	379
20°	288	290	295
25°	195	197	202
30°	132	132	132
35°	83	84	84
40°	54	54	55
45°	35	36	37

