3"

BOLD-3-HL-ADJ-RGBW

3" RGBW Architectural High Lumen Adjustable Round Downlight - Trim, Trimless & Millwork

Bold Series

APPLICATION & FEATURES

BOLD-3-HL-ADJ-RGBW Adjustable Accent is a specification-grade LED luminaire offering precision, flexibility, and visual comfort. With 365° rotation and 45° adjustability, it provides targeted illumination in any direction. Once adjusted, the system locks securely in place, ensuring consistent positioning. Hot aiming allows for real-time adjustments, even when powered on, offering maximum flexibility during operation. It also offers compatibility with a range of additional optical accessories, providing enhanced customization to suit specific design needs.

Available in three housing options flanged, trimless, and millwork BOLD-3-HL-ADJ-RGBW seamlessly integrates into a variety of ceiling designs. The luminaire features 98 CRI with 1x2 Step MacAdam Ellipse color consistency, ensuring superior optical quality. It supports dimming protocols down to 0.1%, allowing precise control over light levels.

Perfect for commercial, hospitality, retail, institutional, cultural, corporate, academic, healthcare, luxury residential, gallery, and museum applications, BOLD-3-HL-ADJ-RGBW Adjustable Accent is ideal for highlighting architectural features and focal points with precision and elegance.

As part of the BOLD family, including downlight and wall wash options, BOLD-3-HL-ADJ-RGBW meets the evolving demands of modern lighting design with both static and dynamic color technologies.

LUMENS	**Tunable White:** 900L, 1200L, 1500L, 2000L and 3000L **RGB+White:** 900L, 1200L and 1500L
CCT & DYNAMIC PLATFORMS	**Tunable White:** 18K-40K and 27K-65K **RGB+White:** 18K-65K
CRI	**Tunable White:** 90+ **RGB+White:** 90+
COLOR QUALITY	2 Step MacAdam Ellipse
DISTRIBUTIONS	Very Narrow Spot (10°), Narrow Spot (15°), Spot (24°), Medium (36°) and Wide (60°)
DRIVERS	**Tunable White:** DIM10, ELDODMX.1, ELDODALI.1 and BLE-CASAMBI **RGB+White:** ELDODMX.1
TRIM OPTIONS	**Adjustable:** Flanged, Trimless, Millwork
FINISH OPTIONS	**Anodized:**Chrome (CL), Satin Haze (SHZ) **Diecast**: White (WH), Black (BK), Custom Color (RAL)
EMERGENCY	**Tunable White:** EMG-10, EMG-20, EMG-10-SDT, EMG-20-SDT and GTD **RGB+White:** PELI-S-20-REM
LIFETIME	LED is rated for >60,000 hours at 70% lumen maintenance
PHOTOMETRIC TESTS	In Accordance with IES LM79-08, LM80 and TM-30, TM-25
LISTINGS	5YRS LIMITED WARRANTY; BABAA BUY BUILD AMERICA ACT; c UL us LISTED; WET LOCATION

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Tunable White: **BOLD-3-HL-ADJ-TWH-900L-18K-40K-90-10D-DIM10-MVOLT**

Series	Lumens	CCT	CRI	Optics	Driver	Voltage	Emergency	Options	Optical Accessories
BOLD-3-HL-ADJ-TWH	**900L** **1200L** **1500L** **2000L** **3000L 1**	**18K-40K** **27K-65K**	**90+**	**10D** Very Narrow Spot (10°) **15D** Narrow Spot (15°) **24D** Spot (24°) **36D** Medium (36°) **60D** Wide (60°)	**DIM10** **ELDODMX.1** **ELDODALI.1** **BLE-CASAMBI**	**MVOLT**	**-** All emergency options require top access, remote emergency test switch included **EMG-10** **EMG-20** **EMG-10-SDT** **EMG-20-SDT** **GTD**	**-** **RIF** RIF Filter **REM 2** Single Remote Dimming Driver **BABAA** Made in America Compliance	**-** **SOFL** Solite Frosted

Any fixture can take maximum 2 Optical Accessories **1** The highest lumen will not be compatible with any optical accessories **2** Remote mount Maximum distance from light fixture to remote power supply is 100' using 14 gauge wire, 50' using 16 gauge wire

RGB White: **BOLD-3-HL-ADJ-RGBW-900L-18K-65K-90-10D-ELDODMX.1-MVOLT**

Series	Lumens	CCT	CRI	Optics	Driver	Voltage	Emergency	Options	Optical Accessories
BOLD-3-HL-ADJ-RGBW	**900L** **1200L** **1500L 1**	**18K-65K**	**90+**	**10D** Very Narrow Spot (10°) **15D** Narrow Spot (15°) **24D** Spot (24°) **36D** Medium (36°) **60D** Wide (60°)	**ELDODMX.1**	**MVOLT**	**-** All emergency options require top access, remote emergency test switch included **PELI-S-20-REM 2**	**-** **RIF** RIF Filter **REM 2** Single Remote Dimming Driver **BABAA** Made in America Compliance	**-** **SOFL** Solite Frosted

Any fixture can take maximum 2 Optical Accessories **1** The highest lumen will not be compatible with any optical accessories **2** Remote mount Maximum distance from light fixture to remote power supply is 100' using 14 gauge wire, 50' using 16 gauge wire

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FLANGED REFLECTOR TYPE

Example: **B3R-363-A-F-W-WH**

Trim Option	Trim Construction	Trim Flange Opt.	Reflector Finishes	Flange Finishes
B3R-363 Adjustable **B3R-365** Solite Lens Adjustable	**A** Anodized **DC** Diecast	**F** Flanged	**W** White **BK** Black **CL** 1 Chrome **SHZ** 1 Satin Haze **RAL** Custom Color (Consult Factory)	**WH** White **BK** Black **CL** 1 Chrome **SHZ** 1 Satin Haze **RAL** Custom Color (Consult Factory)

1 Only available in anodized

TRIMLESS/MILLWORK REFLECTOR TYPE

Example: **B3R-363-A-TL-WH**

Trim Option	Trim Construction	Trim Flange Opt.	Reflector Finishes
B3R-363 TrimlessAdjustable **B3R-365** Trimless Solite Lens Adjustable	**A** Anodized **DC** Diecast	**TL** Trimless **MW** 1 Millwork **DMW** 2 Diecast Millwork	**WH** White **BK** Black **CL** 1 Chrome **SHZ** 1 Satin Haze **RAL** Custom Color (Consult Factory)

1 Only available in anodized 2 Only available in diecast

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DESCRIPTION

The BOLD-3-HL-ADJ-RGBW Adjustable Accent delivers 365° tool-free rotation and precision-controlled 45° tilt. Tilt is adjustable in 1° increments using a standard screwdriver, with clearly marked internal degree indicators for accurate, repeatable aiming. A secure locking system ensures stability across both axes, maintaining perfect alignment over time for consistent architectural lighting performance.

LED LIGHT ENGINE

The BOLD platform features a patent-pending heat sink and LED module system that unlocks effortlessly from the housing with a simple twist no tools required. Once released, the entire assembly drops below the ceiling line, allowing fast, easy replacement or upgrade of the LED light engine. This modular design also supports up to two optical accessories including spread lenses, frosted lenses, color filters, plus a honeycomb louver making it exceptionally versatile for post-installation tuning.
Exceptional Optical Quality: The precision-engineered light engine comes standard with 90+ CRI and maintains 1×2 Step MacAdam Ellipse consistency, ensuring accurate, uniform color across every luminaire.
Unlike traditional systems where all components are buried inside the housing and difficult to service, BOLD's intuitive below-ceiling access makes maintenance and adding additional accessories dramatically easier setting a new standard for architectural lighting flexibility.

FIELD-CHANGEABLE OPTICS AND ACCESSORIES

Designed for adaptability, the BOLD platform enables efficient in-field customization. By unscrewing the cap on the heat sink, technicians can easily swap optics or add optical accessories ensuring optimal light output and refined beam control without tools or reinstallation. This modular approach supports a wide array of field-changeable accessories, including spread lenses, frosted lenses, color filters, and honeycomb louvers, allowing for precise post-installation tuning.
A full range of beam options from extremely narrow to wide provides the flexibility to tailor light distribution with precision, whether emphasizing architectural elements or delivering broad ambient illumination. Field-changeable optics make it easy to respond to evolving design needs or spatial conditions directly on-site.
For added control, the LED module offers three fixed vertical positions within the housing. It can be positioned closer to the aperture for maximum output or recessed deeper to reduce glare and maintain quieter ceiling aesthetics. This design provides the flexibility to fine-tune both visual comfort and lighting performance to meet the specific demands of any space.

TRIM & COLLAR CONFIGURATIONS

Trimless: Designed for drywall or plaster ceilings, the die-cast spackle collar allows joint compound to be applied directly to the edge for a seamless, mudded-in finish. It mounts securely to the housing to prevent ceiling cracks during or after installation.
Millwork: For wood, tile, or stone ceilings, the millwork collar is finished to match the specified trim and ensures clean, stable integration with thicker or non-standard ceiling materials.
Flanged: Ideal for gypsum or ACT ceilings, flanged trims provide a clean, finished appearance with a subtle bezel that frames the aperture while maintaining optical performance and glare control.

COLLAR AND COLLAR EXTENDER OPTIONS

Each BOLD housing comes standard with a 1-inch collar. Optional collar extenders are available in 1.5-inch and 2-inch sizes to accommodate ceiling thicknesses up to 2". These extenders add minimal height and have a slight impact on light output. Consult factory for details and additional collar options.

TRIM CONSTRUCTION

With dual trim construction and an extensive library of finish options, BOLD trims empower lighting designers to achieve both technical precision and visual harmony in any space.
Anodized Aluminum: Designed for visual comfort, anodized trims recess, enhancing glare control and supporting quiet ceilings in high-performance architectural environments. The electrochemical finish ensures long-term reflectance and material integrity.
Die-Cast: Die-cast trims provide sharp detailing, precise fit, and the ability to seamlessly blend into the ceiling plane with high-quality painted finishes. Ideal for minimalist spaces where integration and consistency are key

AIM AND ADJUSTABILITY

The housing offers 360° rotation and up to 45° tilt, with hot aiming for precise, permanent positioning ideal for dynamic lighting control.

HOUSING

Designed for higher ceilings and applications requiring increased light output, this housing supports high-lumen performance without compromising thermal stability or longevity. Constructed from 18-gauge cold-rolled steel, it provides durability and efficient thermal management with a matte black powder-coated finish.
Housing is Non-IC rated and may not be installed in direct contact with insulation; a minimum clearance of 3 inches must be maintained. Integrated thermal protection prevents overheating in high-ambient conditions.
The 90°C-rated junction box includes multiple 1/2" knockouts and supports 4-in/4-out through-branch wiring.

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MOUNTING

Each housing includes heavy-duty, pre-installed bar hangers designed for flexible installation across a variety of ceiling types. Hangers extend to span joists up to 24" on center and can be repositioned along both the short and long axis of the housing. For narrower joist bays, hangers can be shortened to accommodate 12" spacing.
The system includes integral butterfly brackets fabricated from 18-gauge steel, providing vertical adjustment for accurate alignment with ceiling thickness. These brackets are compatible with 3/4" or 1-1/2" lathing channels, 1/2" EMT conduit, and optional C-channel bars for secure attachment in commercial grid ceilings.
Additional mounting slots and keyholes allow for versatile integration into T-bar ceilings or unconventional framing layouts.

DRIVER ACCESS & SERVICEABILITY

The BOLD platform includes a high-performance, constant-current electronic driver (0–10V dimming, 100%-1%) with integral thermal and surge protection compliant with IEEE C62.41. The driver is conveniently located within the housing and can be easily accessed from below the ceiling.
Simply unlock the heat sink and LED module from the housing's holder with a simple twist. Once the heat sink holder is disengaged from the housing, rotate the heat sink holder 360 degrees and tilt it to a 45-degree angle to easily access the driver, allowing for quick service or replacement.

EMERGENCY OPTIONS/CONTROLS

10W or 20W emergency back-up battery systems are available with a remote mounted test switch. A self-diagnostic emergency option is also available. Other accessories and controls systems include modular wiring systems, daylight harvesting controls, occupancy sensors, and/or power packs for individual or room control applications, and triac, dali and DMX protocols.

TUNABLE WHITE OPTION

Tunable White allows the luminaires to be color tuned via various controls. Create the perfect environment for the desired use of the space or mimic the natural color patterns throughout the day and stimulate circadian rhythm. Available in tunning range of 50K27K (TWH-50K-27K), 65K-27K (TWH-65K-27K).

RGB+WHITE OPTION

Refine your space with RGB+W, which provides complete control over hue, color temperature, saturation, and dimming for design versatility. RGB + White technology has a color tuning range from 1800K to 6500K. RGB color range derived from the primary colors red, green and blue is used to create infinite color options in the RGB palette, adding colors together in varying amounts to create new ones. RGB + White technology enables users to adjust the color temperature, adding gradients of saturated colors. No longer restricted to white light LEDs, lighting designers and architects can manipulate a space with desired hues and shades, altering the color temperature of the room, creating the perfect environment. The use of RGB Tunable White technology in allows infinite possibilities for any application

DIMMING & DRIVER INFORMATION

DIM10 - 0-10V dimming on either MVOLT 120, 277 or 347V. Dimmable down to 1% of initial lumens, standard
ELDODMX.1 - EldoLED PowerDrive dimming down to 0.1%. Please see EldoLED website for wiring diagrams and a list of compatible DMX and DALI control systems.
ELDODALI.1 - EldoLED SoloDrive DALI-2. Dimming down to 0.1%
BLE-CASAMBI - Luminaires may be controlled, grouped, scheduled or placed in scenes , and or zones Via Cassambi Bluetooth 4.0 App.

WARRANTY

Five-year warranty for parts and components. (Labor not included)

LISTINGS

- BABAA Compliant for government procurement under FAR, DFARS, and DOT regulations.

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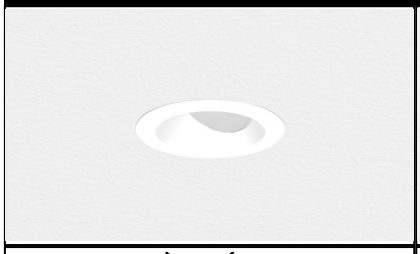
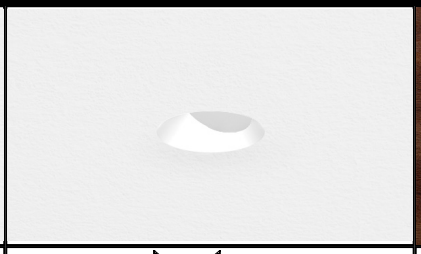
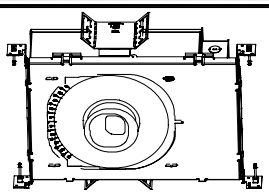
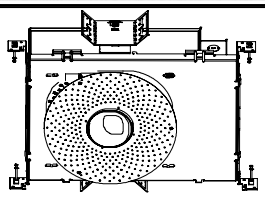
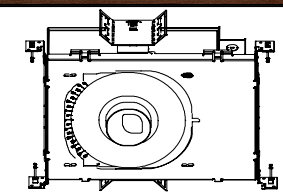
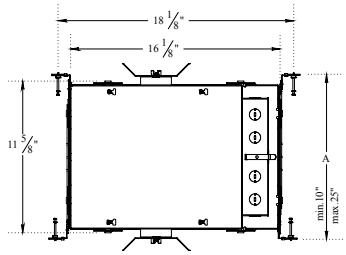
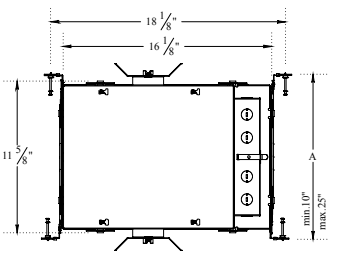
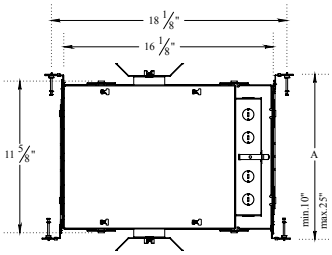
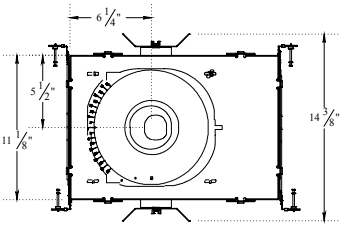
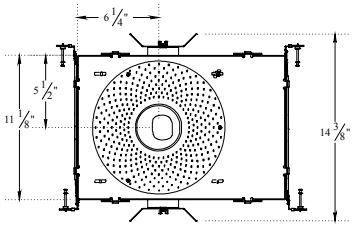
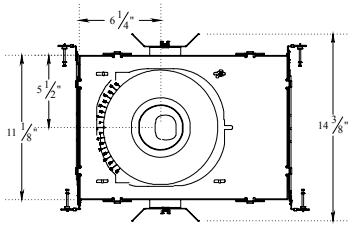
Flanged	Trimless	Millwork
		
		
		
		
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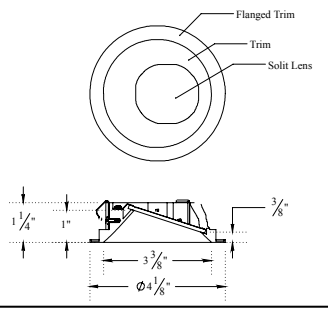	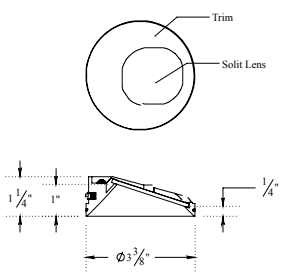	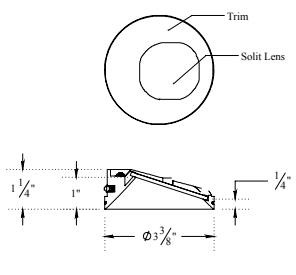

BRAND	LUTRON	LEVITON	ENCELIUM	PHILIPS	legrand	LIGHTING CONTROLS
CONTROL UNIT	☐ **FCJS-010** Lutron Vive 0-10V Individual Pow Pak (Luminare is shipped Vive Enabled) 1 4 ☐ **FCJS-ECO** Lutron Vive Eco-system Pow Pak (Luminare is shipped Vive Enabled) ☐ **A-WN-D01-RF-WH** Athena wireless node (RF only) (White) ☐ **A-WN-D01-OCC-WH** Athena wireless node with sensor (White)	☐ **ZL027-NOW** Intellect Power Control Module 1 6 ☐ **ZL027-DLE** Intellect Power Control Module 1 6	☐ **EN-WCM2-ZB-DR** Wireless Control Module 1 7 ☐ **ENA-LC-ZB-BK-DR** Wireless Area Lighting Control Module 1 7	☐ **XITANIUM SR LED DRIVER** The Philips Advance Xitanium SR LED driver 1 8	☐ **LMFC-011** ON/OFF/0-10V dimming fixture controller 1 9 ☐ **FS-PP-V2 FS-PP** Fixture Integrated Sensor Power Pack 1 9 ☐ **LMFS-601** Integrated Fixture Sensor & Controller	☐ **NXFM-1R2D-O-UNV** NX Fixture Module, Offset, 1 Relay, 2 0-10V Dimming Channels, 120-347VAC, Blue
INTEGRATED OCCOPANCY & DAYLIGHT SENSOR	☐ **DFCSJ-OEM-OCC** Clear Connect (RF) and Occupancy/Daylight Sensing 2	☐ **ZL00J -T0W** Intellect Intelligent Fixture Control System 2 ☐ **ZL00J-D0W** Intellect Intelligent Fixture Control System 2	☐ **EN-CLM-PIR-DD-ZB** SensiLUM™ Wireless Integrated Sensor ☐ **ZBHACLM-DIM-ENC** Connected Lighting Module DIM 2	☐ **SNS 212** EasyAir Daylight and Occupancy sensor ☐ **SNS300** SNS300 for networks 2	☐ **FD-301** Fixture integrated Daylight Dimming Sensor 2 ☐ **FS-205** Fixture integrated passive infrared occupancy sensor 2	☐ **NXRM** HubbNETTM Radio Module ☐ **NXSMP2-OMNI** Integrated Fixture Sensor & Controller ☐ **NXSMP2-SMI** NX Slide Mount Indoor Sensor Module
*WIRELESS OCCUPANCY SENSOR	☐ **LRF2-OCR2B-P-WH** Ceiling mount360°, occupancy/vacancy sensor 3	**N/A**	☐ **EN-SCPPH-1500-ZB** Wireless Passive Infrared Occupancy and Photo Sensors 3	**N/A**	☐ **LMDC-100** Dual technology PIR Ceiling Mount Occupancy Sensor 3	☐ **NXSMP2-SMI** NX Slide Mount Indoor Sensor Module
*WIRELESS DAYLIGHT SENSOR	☐ **LRF2-DCRB-WH** Ceiling-mount daylight sensor 3	**N/A**	☐ **EN-SCPPH-1500-ZB** Wireless Passive Infrared Occupancy and Photo Sensors 3	**N/A**	☐ **LMLS-400** Single zone switching and dimming digital photosensor 3	☐ **LUXSTATLS** Luxstat Light Sensor for Luxstat Control Modules, 3 to 6000 FC
*WIRELESS OCCUPANCY & DAYLIGHT SENSOR	**N/A**	☐ **ZL00J -T0W** Intellect Intelligent Fixture Control System ☐ **ZL00J-D0W** Intellect Intelligent Fixture Control System 3 Must be specified with ZL027-NOW and ZL00JD0W Control unit	☐ **EN-CLMPIR-DD-ZB** SensiLUM™ Wireless Integrated Sensor ☐ **ZBHACLM-DIM-ENC** Connected Lighting Module DIM 3 Must be specified with EN-WCM2-ZB-DR or EN-ALC-ZB-BK-DR Control Unit	☐ **SNS212-CMP** SNS-212 for Grouping 3	**N/A**	☐ **NXSMDT** Indoor Ceiling Mount Sensor - OMNI
ACCESSORIES	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**

1 Luminaire will be shipped with Powerpacks pr e-installed, ready to be integrated to designated contol systems
2 Luminaire will be shipped with Sensorsi ns talled on the luminaire, allowing for individual luminaire control. Luminaires will be ready to be integrated with designated control systems
3 Luminair e will be shipped with Sensors to be remotely installed on the ceiling. Luminair es will be ready to be integrated with designated cont rol systems
4 Luminaire will be compatible with LUTRON LRF2-0CR2B-PWH Ceiling mount 360deg occupancy/vacancy sensor & LRF2-DCRB-WH ceiling mount daylight sensor Sensors must be orderd through Lutron
5 Luminaire will be compatible with ENLIGHTED SU-5E-IoT, SU-5E-CL, SU- 5E-IL, SU-5SH, Sensors
6 Luminaire will be compatible with LEVITON I ntellect APP & Keypad room controller
7 Luminaire will be compatible with EN-SCPPH-1500-ZB Wireless passive infrared occupancy and photo sensor
8 Luminaire will be compatiable with philips field and wireless switch
9 Luminaire will be compatiable with DLM Room control system LMPB-100. . Sensors must be orderd through Legrand.