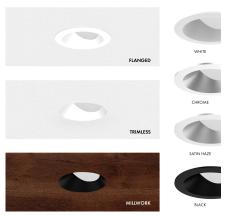
4" Architectural Round Wallwash - Trim, Trimless & Millwork

Bold Series







BOLD-4-WW Wallwash is a specification-grade architectural LED luminaire designed to provide exceptional uniformity and smooth wall illumination. With field-changeable optics and tool-less trim interchangeability, BOLD-4-WW Wallwash ensures consistent, glare-free light distribution across vertical surfaces, creating visually engaging environments without harsh shadows or hotspots. Its precise beam angles are optimized for wall washing, enhancing architectural elements with a seamless, even light coverage.

Available in three distinct housing options-flanged, trimless, and millwork-BOLD-4-WW Wallwash adapts to a variety of ceiling conditions, offering a sleek, integrated aesthetic. The system features 98 CRI with 1x2 Step MacAdam Ellipse color consistency, ensuring perfect color accuracy and visual harmony. Additionally, it supports multiple dimming protocols down to 0.1%, allowing for complete control over light levels to create the desired ambiance.

Perfect for commercial, hospitality, retail, institutional, civic, cultural, corporate, academic, healthcare, luxury residential, gallery, and museum environments, BOLD-4-WW Wallwash enhances the architectural beauty of any space while providing optimal wall illumination.

As part of the BOLD family, which includes downlight and adjustable accent options, BOLD-4-WW offers both static and dynamic color technologies, enabling you to meet the evolving demands of high-performance lighting design.



LUMENS	High Performance: 900L, 1200L, 1500L, 2000L and 2500L Warm Dimming: 900L, 1200L, 1500L and 2000L Xicato Artist: 900L, 1200L and 1500L
CCT & DYNAMIC PLATFORMS	High Performance: 27K, 30K, 35K, 40K and 50K Warm Dimming: 18K-30K, 27K-30K and 22K-30K Xicato Artist: 27K, 30K, 30K-VIB, 35K and 40K
CRI	High Performance: 90+ and 98+ Warm Dimming: 90+ Xicato Artist: 90+ and 98+
COLOR QUALITY	2 Step MacAdam Ellipse
DRIVER	High Performance: DIM10, LUTH, LUTFTB, ELDO10.1-LIN, ELDODMX.1, ELDODALI.1, DIMTR, BLE-CASAMBI, POE, DIM10-0-OFF, ELDO10-LOG, XSR and DIM10-AUX Warm Dimming: DIM10, LUTH, LUTFTB, ELDO10.1-LIN, ELDODMX.1, ELDODALI.1, DIMTR, BLE-CASAMBI, POE, DIM10-0-OFF, ELDO10-LOG, XSR and DIM10-AUX Xicato Artist: DIM10, LUTH, LUTFTB, ELDO10.1-LIN, ELDODMX.1, ELDODALI.1, DIMTR, BLE-CASAMBI, POE, DIM10-0-OFF, ELDO10-LOG, XSR and DIM10-AUX Xicato Artist: DIM10, LUTH, LUTFTB, ELDO10.1-LIN, ELDODMX.1, ELDODALI.1, DIMTR, BLE-CASAMBI, POE, DIM10-0-OFF, ELDO10-LOG, XSR and DIM10-AUX
TRIM OPTIONS	Wallwash: Flanged, Trimless, Millwork
FINISH OPTIONS	Anodized: White (WH), Black (BK), Chrome (CL), Satin Haze (SHZ), Silver (SI), Bronze (BZ), Custom Color (RAL) Diecast: White (WH), Black (BK), Silver (SI), Bronze (BZ), Custom Color (RAL)
EMERGENCY	EMG-10, EMG-20, EMG-10-SDT, EMG-20-SDT and GTD
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-22





4" Architectural Round Wallwash - Trim, Trimless & Millwork

Bold Series

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High Performance: BOLD-4-WW-900L-27K-90-DIM10-120V Optical Flange CCT CRI Voltage Lumens Driver Emergency Options Series Options Accessories **BOLD-4-WW** 900L 27K 90+ DIM10 120V -Flanged All emergency options 1200L 30K 98+ <mark>2</mark> LUTH MVOLT RIF SOFL reaire top access. TL remote emergency test **RIF** Filter Solite Frosted 1500L 35K LUTFTB 347V 4 Trimless switch included SFL REM 5 EMG-10 MW 2000L **40K** ELDO10.1-LIN Soft Focus Lens Single Remote Dimming Driver Millwork EMG-20 2500L 1 50K **ELDODMX.1** SPD BABA Spread Linear EMG-10-SDT **ELDODALI.1** Made in lens America EMG-20-SDT UVL DIMTR 3 Compliance UV Lens GTD Controls **BLE-CASAMBI** HCL See last page POE Honey Comb Louver DIM10-0-OFF PRS ELDO10-LOG Prismatic Lens XSR DIM10-AUX Any fixture can take maximum 2 Optical Accessories 1 The highes lumen will not be compatible with any optical accessories 2 98+ CRI is available only on 27K, 30K and 40K 3 DIMTR is only available

with 120V 4 347V is only available with DIM10 5 Remote mount Maximum distance from light fixture to remote power supply is 100' using 14 gauge wire, 50' using 16 gauge wire

Warm Dimming: BOLD-4-WW-WDM-900L-18K-30K-90-DIM10-120V

	1					1			1
Series	Flange Options	Lumens	ССТ	CRI	l Driver	Voltage	Emergency	Options	Optical Accessories
BOLD-4-WW-WDM	Flanged TL Trimless MW Millwork	900L 1200L 1500L 2000L 1	18K-30K 27K-30K 22K-30K	90+	DIM10 LUTH LUTFTB ELDO10.1-LIN ELDODMX.1 ELDODALI.1 DIMTR 2 BLE-CASAMBI POE DIM10-0-OFF ELDO10-LOG XSR DIM10-AUX	120V MVOLT 347V 3	All emergency options regire top access, remote emergency test switch included EMG-10 EMG-20 EMG-10-SDT EMG-20-SDT GTD	RIF RIF Filter REM 4 Single Remote Dimming Driver BABA Made in America Compliance	SOFL Solite Frosted SFL Soft Focus Lens SPD Spread Linear Lens UV Lens HCL Honey Comb Lovver PRS Prismatic Lens

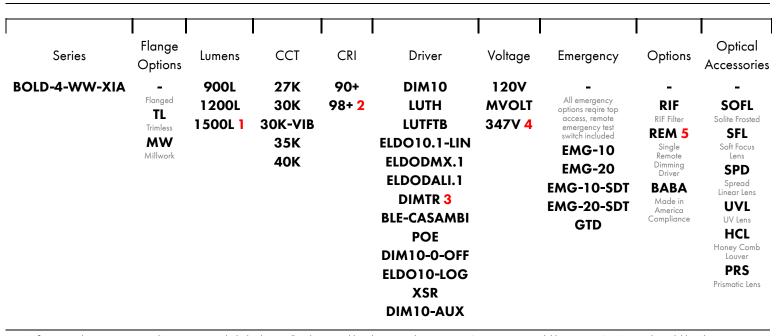
Any fixture can take maximum 2 Optical Accessories 1 The highes lumen will not be compatible with any optical accessories 2 DIMTR is only available with 120V 3 347V is only available with DIM 10 4 Remote mount Maximum distance from light fixture to remote power supply is 100' using 14 gauge wire, 50' using 16 gauge wire



4" Architectural Round Wallwash - Trim, Trimless & Millwork

Bold Series

Xicato Artist: BOLD-4-WW-XIA-900L-27K-90-DIM10-120V



Any fixture can take maximum 2 Optical Accessories 1 The highes lumen will not be compatible with any optical accessories 2 95+ CRI is not available on 50K 3 DIMTR is only available with 120V 4 347V is only available with DIM10 5 Remote mount Maximum distance from light fixture to remote power supply is 100' using 14 gauge wire, 50' using 16 gauge wire

Bold Series

FLANGED REFLECTOR TYPE

Example: **B4R-402-A-F-WH-WH**

Trim Options		Trim Construction	Trim Flange Opt.	Reflector Finishes	Flange Finishes
	➢ ∕media/trim/b4r- 428.png	A Anodized DC	F Flanged	WH White BK	WH White BK
B4R-402 Open Downlight	(120x200 px) B4R-428 Solite Lens Downlight WET LOCATION	Diecast		Black SI Silver BZ Bronze	Black SI Silver BZ Bronze
•	•			CL 1 Chrome SHZ 1 Satin Haze	CL 1 Chrome SHZ 1 Satin Haze
B4R-414 Open Pinhole	B4R-415 Solite Lens Pinhole WET LOCATION			RAL Custom Color (Consult Factory)	RAL Custom Color (Consult Factory)

1 Only available in anodized

TRIMLESS/MILLWORK REFLECTOR TYPE

Example: B4R-402-A-TL-WH-WH

Trim Options		Trim Construction	Trim Flange Opt.	Reflector Finishes	
		A Anodized DC Diecast	TL Trimless MW Millwork	WH White BK Black	
B4R-402 Open Downlight	B4R-428 Solite Lens Downlight WET LOCATION			SI ^{Silver} BZ	
6				Bronze CL 1 Chrome SHZ 1	
B4R-414 Open Pinhole	B4R-415 Solite Lens Pinhole WET LOCATION			Satin Haze RAL Custom Color (Consult Factory)	

1 Only available in anodized



Bold Series

DESCRIPTION

The BOLD-4-WW Wall Wash delivers smooth, even illumination across vertical surfaces with architectural precision. Its fixed optical assembly is engineered to maintain uniform light distribution from ceiling to floor, eliminating hot spots and scalloping. The reflector and lens system are optimized to deliver maximum wall uniformity while keeping glare to a minimum–supporting quiet ceilings and visual comfort in any space.

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.

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 fieldchangeable 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. 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

WALLWASH TRIM

The wall wash housing offers 360° rotation and up to 30° tilt. This range of movement allows the wall wash housing to be positioned and directed in either direction along the wall, ensuring precise control of light placement for uniform illumination across the vertical surface. Hot aiming further ensures accurate, permanent positioning.

HOUSING

Constructed from 18-gauge cold-rolled steel, it ensures durability and efficient thermal management with a matte black powder-coated finish.

This 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.



Bold Series

4" Architectural Round Wallwash - Trim, Trimless & Millwork

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.

EMERGENCY OPTIONS/CONTROLS

10W or 20W emergency back-up battery systems are available with a remote mounted test switch. A selfdiagnostic 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.

DIM TO WARM OPTION

Dims to Warm simulates traditional incandescent halogen lighting through dimming. When the luminaire dims to warm from 100% to .1%, it makes a smooth transition across the black body radiator while maintaining a constant CRI of 90+. Available in 30K-18K, 30K-22K or 27K-18K range. XICATO ARTIST SERIES LED MODULE (XIA) Powered by Xicato Artist Series®, which are tested to IES TM-30-15, with a color fidelity score (Rf) of 96 and a color gamut score (Rg) of 102, and color shift less than du'v' of 0.003. Featuring cold phosphor technology, improving thermal management enhancing color consistency and delaying lumen depreciation.

NATURAL SPECTRUM (NSL)

Natural Spectrum LED option id designed for Human Centric lighting apllication. Natural Spectrum LEDs diminish blue light peak, similar spectral curve to sunlight, accurate rendering of colors and reduced scattered reflection and glare.

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 Mood Master (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 6500K to 1650K. 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

<u>*P*</u> <u>LUTH</u> - Lutron LDE1 Hi-Lume Eco System with Soft Fade to Black 1% dimming

✓ LUTFTB - Lutron PEQO Hi-Lume Premier Eco System LED Driver with soft-on fade to black 0.1% dimming ✓ ELDO10.1-LIN - ELDO10-Linear with linear dimming curve.

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%

DIMTR - Triac & Electronic low voltage forwardp hase dimming. Available in 120V only

<u>BLE-CASAMBI</u> - Luminaires may be controlled, grouped, scheduled or placed in scenes, and or zones Via Cassambi Bluetooth 4.0 App.

<u>*POE*</u> - Power-over-Ethernet Depending on the PoE manufacturer selected

✓ <u>DIM10-0-OFF</u> - Program DIM10-to OFF withlinear dimming curve 0.1%
✓ <u>ELD010-LOG</u> - ELD010-LOG with logarithmic

dimming curve.

XSR - Xitanium SR Dimming

DIM10-AUX - 0-10V with Auxility power

WARRANTY

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

LISTINGS

- c-UL-us: Listed for Wet Location when used with wetlocation rated trims
- c-UL-us: Listed for Feed-Through Wiring
- Energy Star and California Title 24 compliant (JA8)Optional Black color trim is not Energy Star certified
- and will not meet the requirements
 22K and 27K are not Energy Star listed and will not meet the requirements
- BABA Compliant for government procurement under FAR, DFARS, and DOT regulations.

BRAND	診LUTRON 。	enlighted		ENCELIUM	PHILIPS	la legrand °	
CONTROL UNIT	FCJS-010 Lutron Vive 0-10V Individual Pow Pak (Luminare is shipped Vive Enabled) 1 4 FCJS-ECO		Telest 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	NXFM-1R2D-O- UNV NX Fixture Module, Offset, 1 Relay, 2 0-10V Dimming Channels, 120- 347VAC, Blue
	Lutron Vive Eco-system Pow Pak (Luminare is shipped Vive Enabled)	CU-4E-FMH Fixture Mount Control				FS-PP-V2 FS-PP Fixture Integrated Sensor Power Pack 1 9	
	□ A-WN-D01-RF-WH Athena wireless node (RF only) (White)		ZL027-DLE Intellect Power Control Module 1 6			LMFS-601	
	Athena wireless node with sensor (White)					Integrated Fixture Sensor & Controller	
INTEGRATED OCCOPANCY & DAYLIGHT SENSOR		□ SU-5E-IoT IoT Node Micro Sensor	Tutellect Intelligent Fixture Control System 2	□ EN-CLM-PIR-DD-ZB SensiLUM™ Wireless Integrated Sensor	□ SNS 212 EasyAir Daylight and Occupancy sensor	Fixture integrated Daylight Dimming Sensor 2 Fixture integrated passive infrared occupancy sensor 2	□ NXRM HubbNETTM Radio Module
		SU-5E-CL Connected Micro Sensor					
GRATED OCCOPANO DAYLIGHT SENSOR	DFCSJ-OEM-OCC Clear Connect (RF) and Occupancy/Daylight Sensing 2	SU-5E-IL Indipendent Micro Sensor					NXSMP2-OMNI Integrated Fixture Sensor & Controller
GRATE DAYLIO		SU-5S-H(IoT/CL/IL) Serface Mount Sensor 2	ZLOOJ-DOW Intellect Intelligent Fixture Control System 2	ZBHACLM-DIM- ENC Connected Lighting Module DIM 2	□ SNS300 SNS300 for networks 2		NX Slide Mount Indoor Sensor Module
		Must be Specified with CU- 4E-FMH Control Unit					
*WIRELESS OCCUPANCY SENSOR	□ LRF2-OCR2B-P-WH Ceiling mount360°, occupancy/vacancy sensor <mark>3</mark>	N/A	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	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	□ SU-5E-IoT IoT Node Micro Sensor	ZLOOJ -TOW Intellect Intelligent Fixture	■ EN-CLMPIR-DD-ZB SensiLUM [™] Wireless	SNS-212-CMP	N/A	NXSMDT Indoor Ceiling Mount Sensor - OMNI
		SU-5E-CL Connected Micro Sensor	Control System	Integrated Sensor ZBHACLM-DIM- ENC Connected Lighting Module DIM 3			
		SU-5E-IL Indipendent Micro Sensor	Intellect Intelligent Fixture Control System 3				
		SU-5S-H (IoT/CL/IL) Serface Mount Sensor 3	Must be specified with ZL027-NOW and ZL00JD0W Control unit	Must be specified with EN-WCM2-ZB-DR or EN- ALC-ZB-BK-DR Control Unit			
		Must be specified with CU- 4E-FMH Control Unit					
ACCESSORIES	N/A	The Mount Carrier CBL-5E-CU4-30N Uinch Sensor cable for CU-4 and IoT Ready CBL-5E-CU4-7F 7 Foot sensor cable for CU- 4 and IoT Ready Driver	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 Sensors to be remotely installed on the ceiling. Luminaire swill be ready to be integrated with designated control systems
 3- Luminaire will be shipped with Sensors to be remotely installed on the ceiling. Luminaire swill be ready to be integrated control 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.