

3"

BOLD-3S-SHAL-WW-IC

3" Architectural Square Wallwash - Trim, Trimless & Millwork

Bold Series



APPLICATION & FEATURES

BOLD-3S-SHAL-WW-IC 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-3S-SHAL-WW-IC 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-3S-SHAL-WW-IC 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-3S-SHAL-WW-IC 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-3S-SHAL-WW-IC offers both static and dynamic color technologies, enabling you to meet the evolving demands of high-performance lighting design.

LUMENS	High Performance: 900L, 1200L and 1500L Warm Dimming: 900L and 1200L Xicato Artist: 900L
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, DIMTR, LUTH, ELDO10-LOG, ELDO10.1-LIN, ELDODALI.1 and BLE-CASAMBI Warm Dimming: DIM10, DIMTR, LUTH, ELDO10-LOG, ELDO10.1-LIN, ELDODALI.1 and BLE-CASAMBI Xicato Artist: DIM10, DIMTR, LUTH, ELDO10-LOG, ELDO10.1-LIN, ELDODALI.1 and BLE-CASAMBI
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-27



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High Performance: BOLD-3S-SHAL-WW-IC-900L-27K-90-DIM10-120V

Series	Flange Options	Lumens	CCT	CRI	Driver	Voltage	Emergency	Options	Optical Accessories
BOLD-3S-SHAL-WW-IC	-	900L	27K	90+	DIM10	120V	-	-	-
	Flanged	1200L	30K	98+ 2	DIMTR 3	MVOLT	All emergency options require top access, remote emergency test switch included	RIF	SOFL
	TL	1500L 1	35K		LUTH	347V 4		REM 5	SFL
	Trimless		40K		ELDO10-LOG			Single Remote Dimming Driver	Soft Focus Lens
	MW		50K		ELDO10.1-LIN			BABA	SPD
	Millwork				ELDODALI.1			Made in America Compliance	Spread Linear Lens
					BLE-CASAMBI		EMG-10		UVL
							EMG-20		UV Lens
							EMG-10-SDT		HCL
							EMG-20-SDT	Controls	Honey Comb Louver
							GTD	See last page	PRS
									Prismatic Lens

Any fixture can take maximum 2 Optical Accessories 1 The highest 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-3S-SHAL-WW-IC-WDM-900L-18K-30K-90-DIM10-120V

Series	Flange Options	Lumens	CCT	CRI	Driver	Voltage	Emergency	Options	Optical Accessories
BOLD-3S-SHAL-WW-IC-WDM	-	900L	18K-30K	90+	DIM10	120V	-	-	-
	Flanged	1200L 1	27K-30K		DIMTR 2	MVOLT	All emergency options require top access, remote emergency test switch included	RIF	SOFL
	TL		22K-30K		LUTH	347V 3		REM 4	SFL
	Trimless				ELDO10-LOG			Single Remote Dimming Driver	Soft Focus Lens
	MW				ELDO10.1-LIN			BABA	SPD
	Millwork				ELDODALI.1			Made in America Compliance	Spread Linear Lens
					BLE-CASAMBI		EMG-10		UVL
							EMG-20		UV Lens
							EMG-10-SDT		HCL
							EMG-20-SDT		Honey Comb Louver
							GTD		PRS
									Prismatic Lens

Any fixture can take maximum 2 Optical Accessories 1 The highest lumen will not be compatible with any optical accessories 2 DIMTR is only available with 120V 3 347V is only available with DIM10 4 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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Xicato Artist: BOLD-3S-SHAL-WW-IC-XIA-900L-27K-90-DIM10-120V

Series	Flange Options	Lumens	CCT	CRI	Driver	Voltage	Emergency	Options	Optical Accessories
BOLD-3S-SHAL-WW-IC-XIA	-	900L 1	27K	90+	DIM10	120V	-	-	-
	Flanged		30K	98+ 2	DIMTR 3	MVOLT	All emergency options require top access, remote emergency test switch included	RIF	SOFL
	TL		30K-VIB	LUTH	LUTH	347V 4		RIF Filter	Solite Frosted
	Trimless		35K	ELDO10-LOG				REM 5	SFL
	MW		40K	ELDO10.1-LIN				Single Remote Dimming Driver	Soft Focus Lens
	Millwork			ELDODALI.1			EMG-10	BABA	SPD
				BLE-CASAMBI			EMG-20	Made in America Compliance	Spread Linear Lens
							EMG-10-SDT		UVL
							EMG-20-SDT		UV Lens
							GTD		HCL
									Honey Comb Louver
									PRS
									Prismatic Lens

Any fixture can take maximum 2 Optical Accessories **1** The highest 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

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FLANGED REFLECTOR TYPE









Example: **B3S-302-A-F-WH-WH**

Trim Options		Trim Construction	Trim Flange Opt.	Reflector Finishes	Flange Finishes
		A Anodized	F Flanged	WH White	WH White
		DC Diecast		BK Black	BK Black
				SI Silver	SI Silver
				BZ Bronze	BZ Bronze
				CL 1 Chrome	CL 1 Chrome
				SHZ 1 Satin Haze	SHZ 1 Satin Haze
				RAL Custom Color (Consult Factory)	RAL Custom Color (Consult Factory)

1 Only available in anodized

TRIMLESS/MILLWORK REFLECTOR TYPE

Example: **B3S-302-A-TL-WH-WH**

Trim Options		Trim Construction	Trim Flange Opt.	Reflector Finishes
		A Anodized	TL Trimless MW Millwork	WH White
		DC Diecast		BK Black
				SI Silver
				BZ Bronze
				CL 1 Chrome
				SHZ 1 Satin Haze
				RAL Custom Color (Consult Factory)

1 Only available in anodized



DESCRIPTION

The BOLD-3S-SHAL-WW-IC 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 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. 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

The housing is engineered for shallow plenum spaces, with a compact 2 1/2-inch height that provides a low-profile solution without compromising performance.

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

Housing is IC-rated and can be installed in direct contact with insulation, ensuring proper thermal performance without requiring a minimum clearance from insulation materials. 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.

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 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.

DIM TO WARM OPTION

Dim 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 is designed for Human Centric lighting application. 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 tuning range of 50K-27K (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
- 🔗 **DIMTR** - Triac & Electronic low voltage forward phase dimming. Available in 120V only
- 🔗 **LUTH** - Lutron LDE1 Hi-Lume Eco System with Soft Fade to Black 1% dimming
- 🔗 **ELDO10-LOG** - ELDO10-LOG with logarithmic dimming curve.
- 🔗 **ELDO10.1-LIN** - ELDO10-Linear with linear dimming curve.
- 🔗 **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 Casambi Bluetooth 4.0 App.

WARRANTY

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

LISTINGS

- c-UL-us: Listed for Wet Location when used with wet-location 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							
CONTROL UNIT	<input type="checkbox"/> FCJS-010 Lutron Vive 0-10V Individual Pow Pak (Luminare is shipped Vive Enabled) 1 4 <input type="checkbox"/> FCJS-ECO Lutron Vive Eco-system Pow Pak (Luminare is shipped Vive Enabled) <input type="checkbox"/> A-WN-D01-RF-WH Athena wireless node (RF only) (White) <input type="checkbox"/> A-WN-D01-OCC-WH Athena wireless node with sensor (White)	<input type="checkbox"/> CU-4E-FMH Fixture Mount Control Unit 1 5	<input type="checkbox"/> ZL027-NOW Intellect Power Control Module 1 6 <input type="checkbox"/> ZL027-DLE Intellect Power Control Module 1 6	<input type="checkbox"/> EN-WCM2-ZB-DR Wireless Control Module 1 7 <input type="checkbox"/> ENA-LC-ZB-BK-DR Wireless Area Lighting Control Module 1 7	<input type="checkbox"/> XITANIUM SR LED DRIVER The Philips Advance Xitanium SR LED driver 1 8	<input type="checkbox"/> LMFC-011 ON/OFF/0-10V dimming fixture controller 1 9 <input type="checkbox"/> FS-PP-V2 FS-PP Fixture Integrated Sensor Power Pack 1 9 <input type="checkbox"/> LMFS-601 Integrated Fixture Sensor & Controller	<input type="checkbox"/> NXFM-1R2D-O-UNV NX Fixture Module, Offset, 1 Relay, 2 0-10V Dimming Channels, 120-347VAC, Blue <input type="checkbox"/> NXRM HubbNETTM Radio Module <input type="checkbox"/> NXSMP2-OMNI Integrated Fixture Sensor & Controller <input type="checkbox"/> NXSMP2-SMI NX Slide Mount Indoor Sensor Module
INTEGRATED OCCUPANCY & DAYLIGHT SENSOR	<input type="checkbox"/> DFCSJ-OEM-OCC Clear Connect (RF) and Occupancy/Daylight Sensing 2	<input type="checkbox"/> SU-5E-IoT IoT Node Micro Sensor <input type="checkbox"/> SU-5E-CL Connected Micro Sensor <input type="checkbox"/> SU-5E-IL Independent Micro Sensor <input type="checkbox"/> SU-5S-H(IoT/CL/IL) Surface Mount Sensor 2 Must be Specified with CU-4E-FMH Control Unit	<input type="checkbox"/> ZL00J-TOW Intellect Intelligent Fixture Control System 2 <input type="checkbox"/> ZL00J-DOW Intellect Intelligent Fixture Control System 2	<input type="checkbox"/> EN-CLM-PIR-DD-ZB SensiLUM™ Wireless Integrated Sensor <input type="checkbox"/> ZBHACLM-DIM-ENC Connected Lighting Module DIM 2	<input type="checkbox"/> SNS 212 EasyAir Daylight and Occupancy sensor <input type="checkbox"/> SNS300 SNS300 for networks 2	<input type="checkbox"/> FD-301 Fixture integrated Daylight Dimming Sensor 2 <input type="checkbox"/> FS-205 Fixture integrated passive infrared occupancy sensor 2	<input type="checkbox"/> NXRM HubbNETTM Radio Module <input type="checkbox"/> NXSMP2-OMNI Integrated Fixture Sensor & Controller <input type="checkbox"/> NXSMP2-SMI NX Slide Mount Indoor Sensor Module
*WIRELESS OCCUPANCY SENSOR	<input type="checkbox"/> LRF2-OCR2B-P-WH Ceiling mount 360°, occupancy/vacancy sensor 3	N/A	N/A	<input type="checkbox"/> EN-SCPPH-1500-ZB Wireless Passive Infrared Occupancy and Photo Sensors 3	N/A	<input type="checkbox"/> LMDC-100 Dual technology PIR Ceiling Mount Occupancy Sensor 3	<input type="checkbox"/> NXSMP2-SMI NX Slide Mount Indoor Sensor Module
*WIRELESS DAYLIGHT SENSOR	<input type="checkbox"/> LRF2-DCRB-WH Ceiling-mount daylight sensor 3	N/A	N/A	<input type="checkbox"/> EN-SCPPH-1500-ZB Wireless Passive Infrared Occupancy and Photo Sensors 3	N/A	<input type="checkbox"/> LMLS-400 Single zone switching and dimming digital photosensor 3	<input type="checkbox"/> LUXSTATLS Luxstat Light Sensor for Luxstat Control Modules, 3 to 6000 FC
*WIRELESS OCCUPANCY & DAYLIGHT SENSOR	N/A	<input type="checkbox"/> SU-5E-IoT IoT Node Micro Sensor <input type="checkbox"/> SU-5E-CL Connected Micro Sensor <input type="checkbox"/> SU-5E-IL Independent Micro Sensor <input type="checkbox"/> SU-5S-H (IoT/CL/IL) Surface Mount Sensor 3 Must be specified with CU-4E-FMH Control Unit	<input type="checkbox"/> ZL00J-TOW Intellect Intelligent Fixture Control System <input type="checkbox"/> ZL00J-DOW Intellect Intelligent Fixture Control System 3 Must be specified with ZL027-NOW and ZL00JDOW Control unit	<input type="checkbox"/> EN-CLMPIR-DD-ZB SensiLUM™ Wireless Integrated Sensor <input type="checkbox"/> ZBHACLM-DIM-ENC Connected Lighting Module DIM 3 Must be specified with EN-WCM2-ZB-DR or EN-ALC-ZB-BK-DR Control Unit	<input type="checkbox"/> SNS212-CMP SNS-212 for Grouping 3	N/A	<input type="checkbox"/> NXSMDT Indoor Ceiling Mount Sensor - OMNI
ACCESSORIES	N/A	<input type="checkbox"/> TMC-SU-5E Tile Mount Carrier <input type="checkbox"/> CBL-5E-CU4-30N 30 Inch Sensor cable for CU-4 and IoT Ready <input type="checkbox"/> 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- Luminare will be shipped with Powerpacks pre-installed, ready to be integrated to designated control systems

2- Luminare will be shipped with Sensors installed on the luminare, allowing for individual luminare control. Luminaires will be ready to be integrated with designated control systems

3- Luminare will be shipped with Sensors to be remotely installed on the ceiling. Luminaires will be ready to be integrated with designated control systems

4- Luminare will be compatible with LUTRON LRF2-OCR2B-PWH Ceiling mount 360deg occupancy/vacancy sensor & LRF2-DCRB-WH ceiling mount daylight sensor. Sensors must be ordered through Lutron

5- Luminare will be compatible with ENLIGHTED SU-5E-IoT, SU-5E-CL, SU-5E-IL, SU-5SH, Sensors

6- Luminare will be compatible with LEVITON Intellect APP & Keypad room controller

7- Luminare will be compatible with EN-SCPPH-1500-ZB Wireless passive infrared occupancy and photo sensor

8- Luminare will be compatible with Philips field and wireless switch

9- Luminare will be compatible with DLM Room control system LMPB-100. Sensors must be ordered through Legrand.