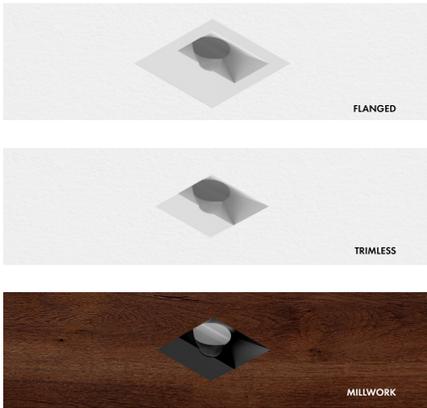


3"

BOLD-3S-HL-WW-RGBW

3" RGBW Architectural High Lumen Wallwash Square Downlight - Trim, Trimless & Millwork

Bold Series



APPLICATION & FEATURES

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

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
DRIVERS	Tunable White: DIM10, ELDODMX.1, ELDODALI.1 and BLE-CASAMBI RGB+White: ELDODMX.1
TRIM OPTIONS	Wallwash: Flanged, Trimless, Millwork
FINISH OPTIONS	Diecast: White (WH)
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	  

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Tunable White: BOLD-3S-HL-WW-TWH-900L-18K-40K-90-DIM10-MVOLT

Series	Lumens	CCT	CRI	Driver	Voltage	Emergency	Options	
BOLD-3S-HL-WW-TWH	900L	18K-40K	90+	DIM10	MVOLT	-	All emergency options require top access, remote emergency test switch included EMG-10 EMG-20 EMG-10-SDT EMG-20-SDT GTD	-
	1200L			ELDODMX.1		RIF		
	1500L	ELDODALI.1		RIF Filter				
	2000L	BLE-CASAMBI		REM 2				
	3000L 1			Single Remote Dimming Driver				
							BABA	
							Made in America Compliance	

98+ CRI is available only on 27K, 30K and 40K **1** DIMTR is only available with 120V **2** 347V is only available with DIM10 **3** 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-3S-HL-WW-RGBW-900L-18K-65K-90-ELDODMX.1-MVOLT

Series	Lumens	CCT	CRI	Driver	Voltage	Emergency	Options	
BOLD-3S-HL-WW-RGBW	900L	18K-65K	90+	ELDODMX.1	MVOLT	-	All emergency options require top access, remote emergency test switch included PELI-S-20-REM 2	-
	1200L					RIF		
	1500L 1					RIF Filter		
							REM 2	
							Single Remote Dimming Driver	
							BABA	
							Made in America Compliance	

98+ CRI is available only on 27K, 30K and 40K **1** DIMTR is only available with 120V **2** 347V is only available with DIM10 **3** 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-307-DC-F-W-WH**

Trim Option  B3S-307 Solite Lens Wallwash WET LOCATION	Trim Construction DC Diecast	Trim Flange Opt. F Flanged	Reflector Finishes W White	Flange Finishes WH White
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Note: All extra optical accessories, aperture assemblies, and optics can be ordered separately. Check our website for ordering nomenclature.

TRIMLESS/MILLWORK REFLECTOR TYPE

Example: **B3S-307-TL-DC-TL-WH**

Trim Option  B3S-307 Trimless Solite Lens Wallwash WET LOCATION	Trim Construction DC Diecast	Trim Flange Opt. TL Trimless DMW 2 Diecast Millwork	Reflector Finishes WH White
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Note: All extra optical accessories, aperture assemblies, and optics can be ordered separately. Check our website for ordering nomenclature.

3"

BOLD-3S-HL-WW-RGBW

3" RGBW Architectural High Lumen Wallwash Square Downlight - Trim, Trimless & Millwork

Bold Series

DESCRIPTION

The BOLD-3S-HL-WW-RGBW 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

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 ensures durability and thermal efficiency with a matte black powder-coated finish to reduce glare and internal reflections.

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.

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.

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 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

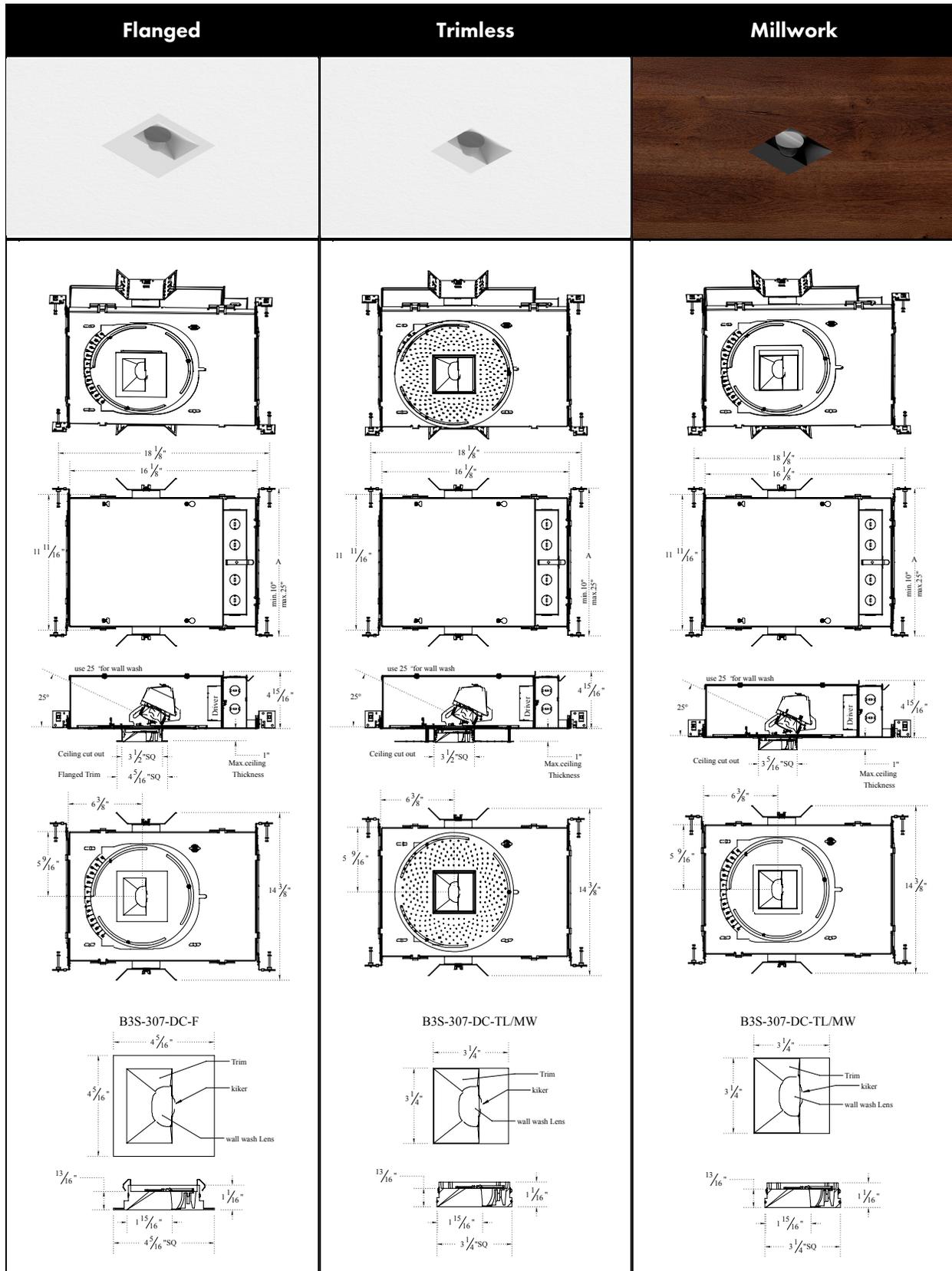
- BABAA Compliant for government procurement under FAR, DFARS, and DOT regulations.

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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"/> CU-4E-FMH Fixture Mount Control Unit 1 5	<input type="checkbox"/> ZL027-NOW Intellect Power Control Module 1 6	<input type="checkbox"/> EN-WCM2-ZB-DR Wireless 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"/> NXFM-1R2D-OUNV NX Fixture Module, Offset, 1 Relay, 2 0-10V Dimming Channels, 120-347VAC, Blue			
	<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)									
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"/> ZL00J-TOW Intellect Intelligent Fixture Control System 2	<input type="checkbox"/> EN-CLM-PIR-DD-ZB SensiLUM™ Wireless Integrated Sensor	<input type="checkbox"/> SNS 212 EasyAir Daylight and Occupancy sensor	<input type="checkbox"/> FD-301 Fixture integrated Daylight Dimming Sensor 2	<input type="checkbox"/> NXRMM HubbNETTM Radio Module			
		<input type="checkbox"/> SU-5E-CL Connected Micro Sensor								
		<input type="checkbox"/> SU-5E-IL Independent Micro Sensor	<input type="checkbox"/> ZL00J-DOW Intellect Intelligent Fixture Control System 2	<input type="checkbox"/> ZBHACLIM-DIM-ENC Connected Lighting Module DIM 2				<input type="checkbox"/> SNS300 SNS300 for networks 2	<input type="checkbox"/> FS-205 Fixture integrated passive infrared occupancy sensor 2	<input type="checkbox"/> NXSMP2-OMNI Integrated Fixture Sensor & Controller
		<input type="checkbox"/> SU-5S-H(IoT/CL/IL) Surface Mount Sensor 2 <i>Must be Specified with CU-4E-FMH Control Unit</i>								
* 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 OCCUPANCY & DAYLIGHT SENSOR	N/A	<input type="checkbox"/> SU-5E-IoT IoT Node Micro Sensor	<input type="checkbox"/> ZL00J-TOW Intellect Intelligent Fixture Control System	<input type="checkbox"/> EN-CLM-PIR-DD-ZB SensiLUM™ Wireless Integrated Sensor	<input type="checkbox"/> SNS212-CMP SNS-212 for Grouping 3	N/A	<input type="checkbox"/> NXSMDT Indoor Ceiling Mount Sensor - OMNI			
		<input type="checkbox"/> SU-5E-CL Connected Micro Sensor								
		<input type="checkbox"/> SU-5E-IL Independent Micro Sensor	<input type="checkbox"/> ZL00J-DOW Intellect Intelligent Fixture Control System 3 <i>Must be specified with ZL027-NOW and ZL00JDOW Control unit</i>	<input type="checkbox"/> ZBHACLIM-DIM-ENC Connected Lighting Module DIM 3 <i>Must be specified with EN-WCM2-ZB-DR or EN-ALC-ZB-BK-DR Control Unit</i>						
		<input type="checkbox"/> SU-5S-H(IoT/CL/IL) Surface Mount Sensor 3 <i>Must be specified with CU-4E-FMH Control Unit</i>								
ACCESSORIES	N/A	<input type="checkbox"/> TMC-SU-5E Tile Mount Carrier	N/A	N/A	N/A	N/A	N/A			
		<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								

- 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-5S-H, 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.