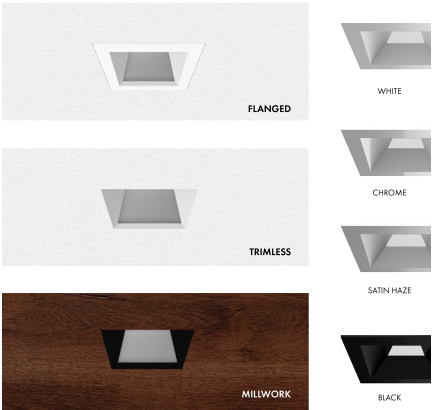


3"

BOLD-3S-SHAL-ADJ

3" Architectural Adjustable Square Downlight - Trim, Trimless & Millwork

Bold Series



APPLICATION & FEATURES

BOLD-3S-SHAL-ADJ 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-3S-SHAL-ADJ 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-3S-SHAL-ADJ 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-3S-SHAL-ADJ meets the evolving demands of modern lighting design with both static and dynamic color technologies.

LUMENS	High Performance: 900L, 1200L, 1500L and 2000L Warm Dimming: 900L, 1200L and 1500L Xicato Artist: 900L and 1200L
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
DISTRIBUTIONS	Very Narrow Spot (10°), Narrow Spot (15°), Spot (24°), Medium (36°) and Wide (60°)
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	Adjustable: 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-ADJ-900L-27K-90-10D-DIM10-120V

Series	Flange Options	Lumens	CCT	CRI	Optics	Driver	Voltage	Emergency	Options	Optical Accessories
BOLD-3S-SHAL-ADJ	-	900L	27K	90+	10D	DIM10	120V	-	-	-
	Flanged	1200L	30K	98+ 2	Very Narrow Spot (10°)	DIMTR 3	MVOLT	All emergency options require top access, remote emergency test switch included	RIF	SOFL
	TL	1500L	35K		15D	LUTH	347V 4		RIF Filter	Solite Frosted
	Trimless	2000L 1	40K		Narrow Spot (15°)	ELDO10-LOG	EMG-10 EMG-20 EMG-10-SDT EMG-20-SDT GTD		REM 5	SFL
	MW		50K		24D	ELDO10.1-LIN			Single Remote Dimming Driver	Soft Focus Lens
	Millwork				36D	ELDODALI.1			BABA	SPD
				Medium (36°)	BLE-CASAMBI		Made in America Compliance	Spread Linear Lens		
				60D				Controls	UVL	
					Wide (60°)				See last page	UV Lens
										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 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-ADJ-WDM-900L-18K-30K-90-15D-DIM10-120V

Series	Flange Options	Lumens	CCT	CRI	Optics	Driver	Voltage	Emergency	Options	Optical Accessories	
BOLD-3S-SHAL-ADJ-WDM	-	900L	18K-30K	90+	15D	DIM10	120V	-	-	-	
	Flanged	1200L	27K-30K		Narrow Spot (15°)	DIMTR 2	MVOLT	All emergency options require top access, remote emergency test switch included	RIF	SOFL	
	TL	1500L 1	22K-30K		24D	LUTH	347V 3		RIF Filter	Solite Frosted	
	Trimless	MW			Spot (24°)	ELDO10-LOG	EMG-10 EMG-20 EMG-10-SDT EMG-20-SDT GTD		REM 4	SFL	
	MW				36D	ELDO10.1-LIN			Single Remote Dimming Driver	Soft Focus Lens	
	Millwork				60D	ELDODALI.1			BABA	SPD	
					Wide (60°)	BLE-CASAMBI		Made in America Compliance	Spread Linear Lens		
										UVL	
										UV Lens	
										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 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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BOLD-3S-SHAL-ADJ

3" Architectural Adjustable Square Downlight - Trim, Trimless & Millwork

Bold Series

Xicato Artist: BOLD-3S-SHAL-ADJ-XIA-900L-27K-90-10D-DIM10-120V

Series	Flange Options	Lumens	CCT	CRI	Optics	Driver	Voltage	Emergency	Options	Optical Accessories
BOLD-3S-SHAL-ADJ-XIA	-	900L	27K	90+	10D	DIM10	120V	-	-	-
	Flanged	1200L 1	30K	98+ 2	Very Narrow Spot (10°)	DIMTR 3	MVOLT	All emergency options require top access, remote emergency test switch included	RIF	SOFL
	TL		30K-VIB			LUTH	347V 4		RIF Filter	Solite Frosted
	Trimless				15D	ELDO10-LOG		EMG-10	REM 5	SFL
	Millwork		35K		Narrow Spot (15°)	ELDO10.1-LIN		EMG-20	Single Remote Dimming Driver	Soft Focus Lens
			40K		24D	ELDODALI.1		EMG-10-SDT	BABA	SPD
					Spot (24°)	BLE-CASAMBI		EMG-20-SDT	Made in America Compliance	Spread Linear Lens
					36D			GTD		UVL
					Medium (36°)					UV Lens
					60D					HCL
					Wide (60°)					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

3"



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Bold Series

FLANGED REFLECTOR TYPE



Example: B3S-363-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-363-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 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-ADJ 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. 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

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 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 from all insulation materials to ensure proper thermal performance. 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.

3" Architectural Adjustable Square Downlight - Trim, Trimless & Millwork

Bold Series

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.

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 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 Cassambi Bluetooth 4.0 App.

WARRANTY

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

LISTINGS

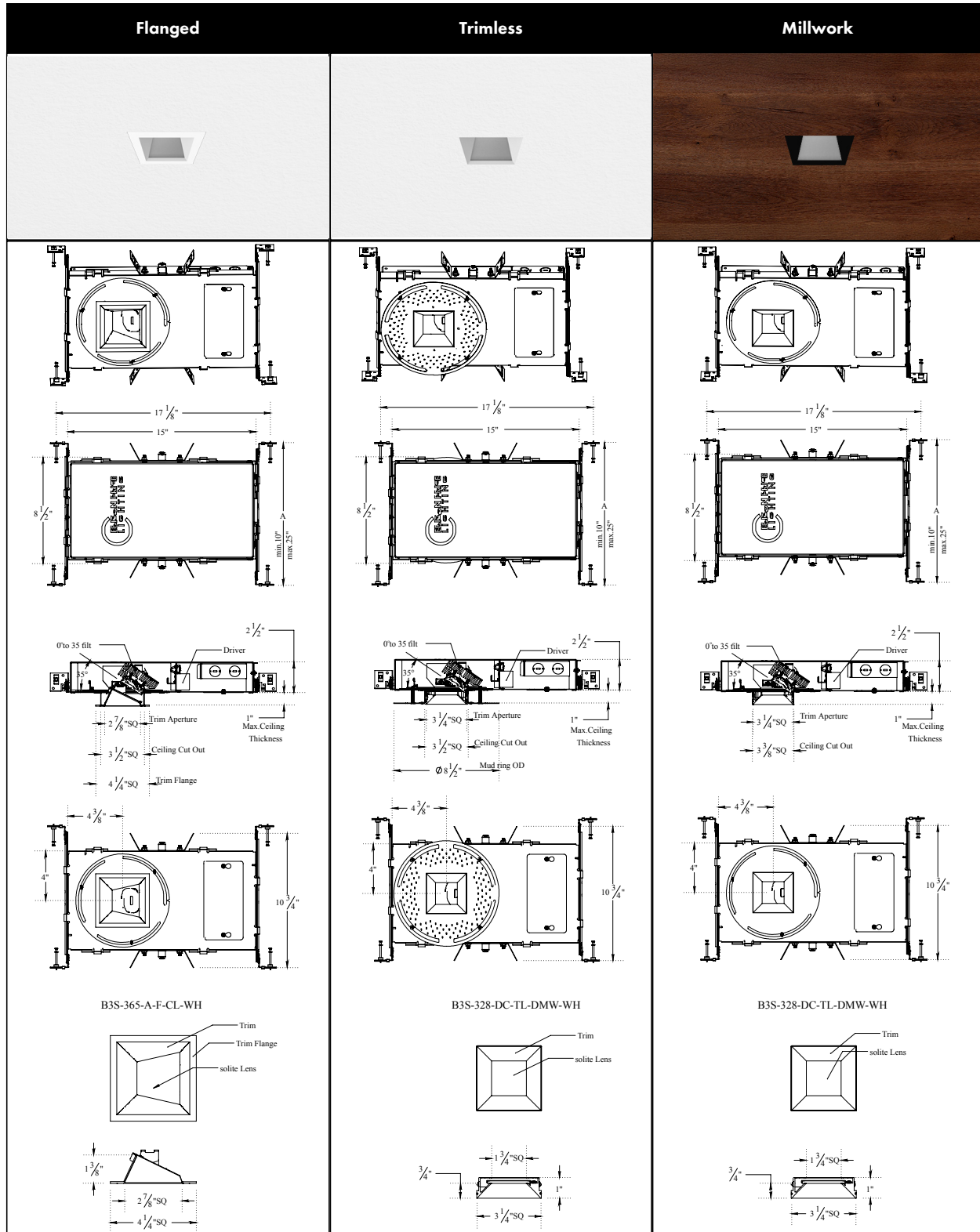
- c-UL-us: Listed for Wet Location when used with wet-location rated trims
- c-UL-us: Listed for Feed-Through Wiring
- Energy Star and California Title 24 compliant (JA8)
- Optional Black color trim is not Energy Star certified and will not meet the requirements
- 22K and 27K are not Energy Star listed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

3"

BOLD-3S-SHAL-ADJ

3" Architectural Adjustable Square Downlight - Trim, Trimless & Millwork

Bold Series



3"

BOLD-3S-SHAL-ADJ

3" Architectural Adjustable Square Downlight - Trim, Trimless & Millwork

Bold Series

BOLD-3S-SHAL-ADJ-2000L-40K-90-15D-DIM10-MVOLT-B3S-302-DC-F-WH-WHTEST NO: **EPL02242531**

INPUT WATTS:22.8

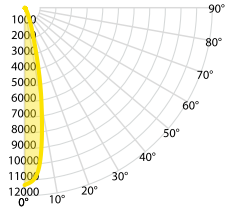
LUMENS:2079

EFFICACY: 91

BEAM ANGLE:21

SPACING CRITERIA: 0.36

CANDELA DISTRIBUTION



CANDELA TABLE

	0°	90°
0°	11326	11326
10°	6239	6433
20°	1194	1217
30°	323	329
40°	113	118
50°	34	39
60°	6	8
70°	2	2
80°	1	1
90°	0	0

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	1724684	1724684
45.00°	13094	15204
55.00°	4354	5270
65.00°	814	850
75.00°	594	671
85.00°	402	472

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	826
10° - 20°	749
20° - 30°	293
30° - 40°	122
40° - 50°	59
50° - 60°	23
60° - 70°	5
70° - 80°	1
80° - 90°	0

ZONAL LUMEN SUMMARY

ZONE	UMENS	% LUMINAIRE
0° - 20°	1574	76%
0° - 30°	1868	90%
0° - 40°	1989	96%
0° - 60°	2071	100%
0° - 80°	2076	100%
0° - 90°	2077	100%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 ft	314.6 fc	2.2 ft	2.2 ft
8.0 ft	177.0 fc	2.9 ft	2.9 ft
10.0 ft	113.3 fc	3.7 ft	3.7 ft
12.0 ft	78.7 fc	4.4 ft	4.4 ft
14.0 ft	57.8 fc	5.1 ft	5.1 ft
16.0 ft	44.2 fc	5.8 ft	5.9 ft
18.0 ft	35.0 fc	6.6 ft	6.6 ft
20.0 ft	28.3 fc	7.3 ft	7.3 ft

INDOOR COEFFICIENTS OF UTILIZATION

pf	20%																0%
pc	80%																0%
pw	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	10%	0%
0	123	123	123	123	120	120	120	120	115	115	115	110	110	110	105	105	103
1	119	117	115	113	116	114	113	111	110	109	107	106	105	104	103	102	101
2	115	111	108	105	113	109	106	104	106	104	102	103	101	99	100	99	97
3	111	106	102	99	109	105	101	98	102	99	97	100	97	95	97	95	94
4	107	102	97	94	106	100	97	94	98	95	93	97	94	92	95	92	91
5	104	98	93	90	103	97	93	90	95	92	89	94	91	88	92	90	88
6	101	94	90	87	100	94	89	86	92	89	86	91	88	85	90	87	85
7	98	91	87	84	97	91	86	84	89	86	83	88	85	83	87	85	82
8	95	88	84	81	94	88	84	81	87	83	81	86	83	80	85	82	80
9	93	86	82	79	92	85	81	79	85	81	78	84	80	78	83	80	78
10	91	84	79	77	90	83	79	76	82	79	76	82	78	76	81	78	75

BOLD-3S-SHAL-ADJ-2000L-40K-90-24D-DIM10-MVOLT-B3S-302-DC-F-WH-WHTEST NO: **EPL02242531**

INPUT WATTS:23.1

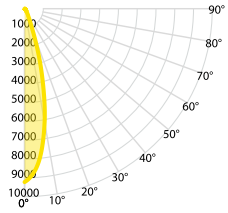
LUMENS:2203

EFFICACY: 95

BEAM ANGLE:26

SPACING CRITERIA: 0.43

CANDELA DISTRIBUTION



CANDELA TABLE

	0°	90°
0°	9223	9223
10°	6143	6641
20°	1373	1645
30°	304	330
40°	118	120
50°	40	44
60°	7	9
70°	2	2
80°	1	1
90°	0	0

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	1404466	1404466
45.00°	15159	16804
55.00°	5079	6159
65.00°	836	1016
75.00°	600	865
85.00°	349	716

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	749
10° - 20°	927
20° - 30°	310
30° - 40°	120
40° - 50°	63
50° - 60°	25
60° - 70°	5
70° - 80°	1
80° - 90°	0

ZONAL LUMEN SUMMARY

ZONE	UMENS	% LUMINAIRE
0° - 20°	1676	76%
0° - 30°	1987	90%
0° - 40°	2107	96%
0° - 60°	2195	100%
0° - 80°	2201	100%
0° - 90°	2201	100%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 ft	256.2 fc	2.8 ft	2.8 ft
8.0 ft	144.1 fc	3.7 ft	3.7 ft
10.0 ft	92.2 fc	4.6 ft	4.6 ft
12.0 ft	64.0 fc	5.5 ft	5.6 ft
14.0 ft	47.1 fc	6.4 ft	6.5 ft
16.0 ft	36.0 fc	7.4 ft	7.4 ft
18.0 ft	28.5 fc	8.3 ft	8.4 ft
20.0 ft	23.1 fc	9.2 ft	9.3 ft

INDOOR COEFFICIENTS OF UTILIZATION

pf	20%																0%
pc	80%																0%
pw	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	10%	0%
0	123	123	123	123	120	120	120	120	114	114	114	109	109	109	105	105	103
1	118	116	114	112	116	114	112	110	110	108	107	106	105	104	102	101	99
2	114	110	107	104	112	108	105	103	105	103	101	102	100	99	99	98	95
3	110	105	101	98	108	104	100	97	101	98	96	99	96	94	96	95	93
4	106	101	96	93	105	99	96	92	97	94	91	95	93	90	94	91	89
5	103	97	92	89	102	96	92	88	94	90	88	92	89	87	91	88	85
6	100	93	88	85	98	92	88	85	91	87	84	90	86	84	88	86	83
7	97	90	85	82	96	89	85	82	88	84	81	87	84	81	86	83	81
8	94	87	82	79	93	86	82	79	85	82	79	84	81	78	84	80	78
9	91	84	80	77	90	84	79	77	83	79	76	82	79	76	81	78	75
10	89	82	77	74	88	81	77	74	81	77	74	80	76	74	79	76	73



3"

BOLD-3S-SHAL-ADJ

3" Architectural Adjustable Square Downlight - Trim, Trimless & Millwork

Bold Series

BOLD-3S-SHAL-ADJ-2000L-40K-90-36D-DIM10-MVOLT-B3S-302-DC-F-WH-WH

TEST NO: **EPL02242531**

INPUT WATTS:21.7

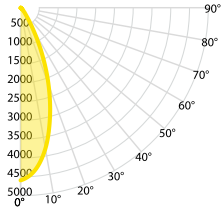
LUMENS:2237

EFFICACY: 103

BEAM ANGLE:39

SPACING CRITERIA: 0.62

CANDELA DISTRIBUTION



CANDELA TABLE

	0°	90°
0°	4592	4592
10°	3806	4035
20°	2175	2480
30°	668	855
40°	155	193
50°	43	59
60°	9	15
70°	3	3
80°	1	1
90°	0	0

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	699287	699287
45.00°	17317	23265
55.00°	5950	8145
65.00°	1167	1434
75.00°	747	1094
85.00°	454	874

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	419
10° - 20°	829
20° - 30°	633
30° - 40°	232
40° - 50°	83
50° - 60°	30
60° - 70°	7
70° - 80°	2
80° - 90°	1

ZONAL LUMEN SUMMARY

ZONE	UMENS	% LUMINAIRE
0° - 20°	1248	56%
0° - 30°	1881	84%
0° - 40°	2113	94%
0° - 60°	2226	100%
0° - 80°	2235	100%
0° - 90°	2236	100%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 ft	127.6 fc	4.3 ft	4.3 ft
8.0 ft	71.8 fc	5.7 ft	5.7 ft
10.0 ft	45.9 fc	7.1 ft	7.1 ft
12.0 ft	31.9 fc	8.5 ft	8.6 ft
14.0 ft	23.4 fc	10.0 ft	10.0 ft
16.0 ft	17.9 fc	11.4 ft	11.4 ft
18.0 ft	14.2 fc	12.8 ft	12.9 ft
20.0 ft	11.5 fc	14.2 ft	14.3 ft

INDOOR COEFFICIENTS OF UTILIZATION

pf	20%																0%
pc	80%				70%				50%				30%				0%
pw	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	0%
0	122	122	122	122	119	119	119	119	114	114	114	109	109	109	105	105	103
1	117	115	112	110	115	112	110	108	108	107	105	104	103	102	101	100	99
2	112	108	104	101	110	106	103	100	103	100	98	100	97	95	97	95	93
3	107	101	97	93	105	100	96	93	97	94	91	95	92	90	93	90	88
4	103	96	91	87	101	95	90	87	93	89	86	91	87	85	89	86	84
5	98	91	86	82	97	90	85	81	88	84	81	87	83	80	85	82	79
6	94	86	81	77	93	86	81	77	84	80	76	83	79	76	82	78	75
7	91	82	77	73	89	82	77	73	80	76	73	79	75	72	78	75	72
8	87	79	73	70	86	78	73	69	77	72	69	76	72	69	75	71	69
9	84	75	70	66	83	75	70	66	74	69	66	73	69	66	72	68	64
10	81	72	67	63	80	72	67	63	71	66	63	70	66	63	69	66	62

BOLD-3S-SHAL-ADJ-2000L-40K-90-60D-DIM10-MVOLT-B3S-302-DC-F-WH-WH

TEST NO: **EPL02242531**

INPUT WATTS:21.7

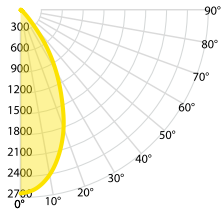
LUMENS:2138

EFFICACY: 99

BEAM ANGLE:54

SPACING CRITERIA: 0.80

CANDELA DISTRIBUTION



CANDELA TABLE

	0°	90°
0°	2642	2642
10°	2409	2502
20°	1808	1978
30°	1018	1199
40°	295	468
50°	47	75
60°	10	14
70°	3	3
80°	1	1
90°	0	0

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	402269	402269
45.00°	25778	40265
55.00°	5926	7967
65.00°	1110	1715
75.00°	977	1030
85.00°	664	786

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	255
10° - 20°	598
20° - 30°	659
30° - 40°	438
40° - 50°	144
50° - 60°	32
60° - 70°	7
70° - 80°	2
80° - 90°	1

ZONAL LUMEN SUMMARY

ZONE	UMENS	% LUMINAIRE
0° - 20°	853	40%
0° - 30°	1512	71%
0° - 40°	1951	91%
0° - 60°	2127	99%
0° - 80°	2136	100%
0° - 90°	2136	100%








CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 ft	73.4 fc	6.1 ft	6.1 ft
8.0 ft	41.3 fc	8.1 ft	8.1 ft
10.0 ft	26.4 fc	10.1 ft	10.1 ft
12.0 ft	18.3 fc	12.1 ft	12.1 ft
14.0 ft	13.5 fc	14.1 ft	14.1 ft
16.0 ft	10.3 fc	16.1 ft	16.2 ft
18.0 ft	8.2 fc	18.2 ft	18.2 ft
20.0 ft	6.6 fc	20.2 ft	20.2 ft

INDOOR COEFFICIENTS OF UTILIZATION

pf	20%																0%
pc	80%				70%				50%				30%				0%
pw	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	0%
0	122	122	122	122	119	119	119	119	114	114	114	109	109	109	104	104	102
1	116	113	111	109	114	111	109	107	107	105	104	103	102	101	100	99	96
2	111	106	102	98	108	104	100	97	101	97	95	97	95	93	95	93	91
3	105	99	93	89	103	97	92	89	94	90	87	92	89	86	90	87	85
4	100	92	86	82	98	91	86	82	89	84	81	87	83	80	85	81	79
5	95	86	80	76	93	85	80	76	83	79	75	82	78	74	80	76	74
6	90	81	75	71	89	80	74	70	79	74	70	77	73	69	76	72	69
7	86	76	70	66	84	76	70	66	74	69	65	73	68	65	72	68	65
8	82	72	66	62	80	71	65	61	70	65	61	69	64	61	68	64	61
9	78	68	62	58	77	67	62	58	66	61	58	66	61	57	65	60	57
10	74	64	58	54	73	64	58	54	63	58	54	62	57	54	62	57	53



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
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 SensiUM™ Wireless Integrated Sensor <input type="checkbox"/> ZBHACLIM-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 SensiUM™ Wireless Integrated Sensor <input type="checkbox"/> ZBHACLIM-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-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.