

BIG SHORTY ADJUSTABLE CEILING LED CEILING DOWNLIGHT

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 06.17.26



DESCRIPTION

The Big Shorty is a 2" round, integrated LED ceiling surface-mounted fixture featuring an adjustable body that can pivot vertically from 0-90° and rotates 358°, offered in two different mounting options, Drywall or Millwork, without a visible canopy. The Big Shorty adjustable downlight is small but powerful; the integral LED has a flat back heat sink with 1352 lumens at 3000K and up to 98+ CRI in multiple beam spreads that can be changed in the field. Choose from four static white color temperatures (2400K-3500K) and Warm Dim (30D). Multiple drivers and dimming options include ELV, MLV, 0-10 DALI, DMX, and Pure Smart WiZ Wall Dimmer (SWW-DIM-WH) for ELV and MLV. The Big Shorty adjustable downlight is available in black powder coat, white powder coat, or Satin Nickel plated finish. Fixture includes a 5 year pro-rated warranty. For custom quotes and layout assistance, email your drawings and ideas to our design team: design@pureedgelighting.com.

SPECIFICATIONS

- Input Voltage: **MELV**: 120V **010**: 120V/277V **REM**: 24VDC, class 2 remote power supply
- Power Consumption: 15 watts (Including Power supply consumption MELV and 010)
- Construction: Die Cast Aluminum
- Dimensions: Ø 2.36" Height 4.5"
- Weight: 2 lb (0.9 kg)
- Finish: Black, Satin Nickel, or White
- Color Rendering: 92+ CRI Chromaticity range within 2-step MacAdam Ellipse

DRYWALL APPLICATIONS

BSC 2" round plaster in canopy and deep junction box provided (new construction)

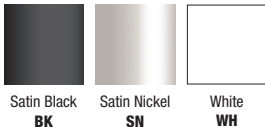
MILLWORK APPLICATIONS

BSCM 2" round flush canopy and deep junction box provided

ACCESSORIES

Field changeable lenses in **SP** (20°), **NF** (35°), **FL** (45°), **VW** (55°) beam spread options. Comes with a soft diffusing film. Additional Conical Snoot, Hexcell Louver, and Linear Spread Lens available.

FINISHES



LUMEN PERFORMANCE

- 1352lm/ft @3000K
- 97 lm/w @ 3000K

LAMPING (AVERAGE 2400K-3500K)

- Average CRI: 95+
- Average R9: 80, RG: 100, RF: 93
- Average Life: 50,000 hours

120V/277V INPUT & CONTROLS

Drivers

- 010** - 120V/277V Input, 0-10V Control Dimming
- MELV** - 120V Input, Magnetic/TRIAC, (Leading Edge, Forward Phase Cut) and ELV (Trailing Edge, Reverse Phase Cut) Pure Smart WiZ Wall Dimmer (SWW-DIM-WH)

24VDC Power Supplies

- REM** - Requires Remote 24V Class 2 Power Supply. Dimmable with ELV, MLV, 010, Pure Smart WiZ Wall Dimmer (SWW-DIM-WH), DALI, and DMX. Power Supply Sold Separately
- UNI Driver: Universal Dimming (TRIAC, ELV, 0-10V)**
- DALI**
- DMX**

Controls

- Pure Smart™ Wi-Fi Dimmer**

WARRANTY / LABELS

Pro-rated 5 year warranty. Assembled in America, ETL (Conforms to UL1598 and CSA 22.2 #250.0). Click the link to access our full Title 24 compliance listings: pureedgelighting.com/resources.

APPLICATIONS

Designed for indoor use only in drywall and millwork. Ideal applications in residential, commercial, retail, and hospitality environments.

APPROVALS

24V Class 2 wiring, damp location suitable, ETL listed.

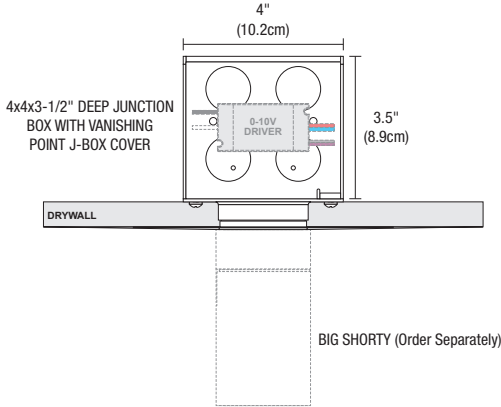
System	Wattage	Beam Spread	Power/Dimming Control	Color Temperature	Finish
BSC	15W	SP	REM	30K	SN
BSC Big Shorty Ceiling 2" Round Canopy BSCM Big Shorty Ceiling Flush Canopy for Millwork	15W 15 Watts	SP Spot 20° NF Narrow Flood 35° FL Flood 45° VW Very Wide Flood 55°	010 0-10V Control Dimming 120V/277V Input MELV Magnetic/TRIAC, 120 Input (Leading, Forward Phase) and ELV (Trailing, Reverse Phase) Pure Smart WiZ Wall Dimmer (SWW-DIM-WH) REM Requires Remote 24V Class 2 Power Supply. Dimmable with ELV, MLV, Pure Smart WiZ Wall Dimmer (SWW-DIM-WH), 0-10 DALI, & DMX. Power Supply Sold Separately.	24K 2400K Very Warm White 27K 2700K Incandescent White 30K 3000K Warm White 30D Warm Dim (Dims down to 1800K)* 35K 3500K Neutral White *Not Available for NS	SN Satin Nickel BK Satin Black WH White

BIG SHORTY ADJUSTABLE CEILING

LED CEILING DOWNLIGHT

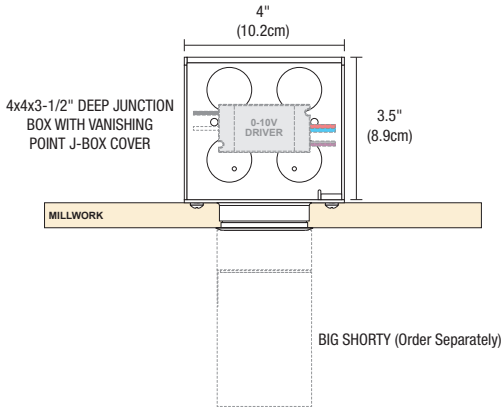
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INCLUDED COMPONENTS May be ordered separately, order Junction Box, Driver and Big Shorty Ceiling separately (complete fixture in ordering code on page 1)



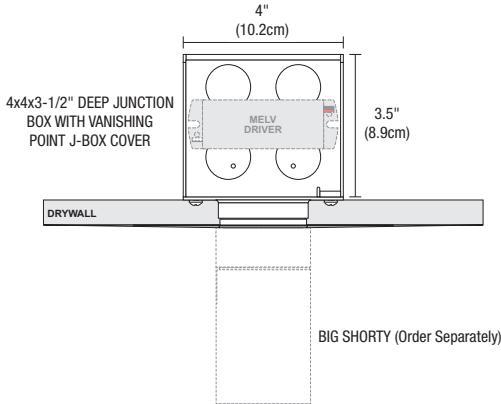
VANISHING POINT RECESSED CANOPY FOR DRYWALL 120V/277V (0-10V) - INCLUDED WITH ORDERING CODE
 4" square deep junction box with plaster ring and 120V/277V, 0-10V driver. Includes junction box and driver only. New construction.

Type	System	Control
VR	BSC	010
VR Vanishing Point Drywall (Plaster-In)	BSC Big Shorty Ceiling	010 120V/277V Input, 0-10V Control Dimming



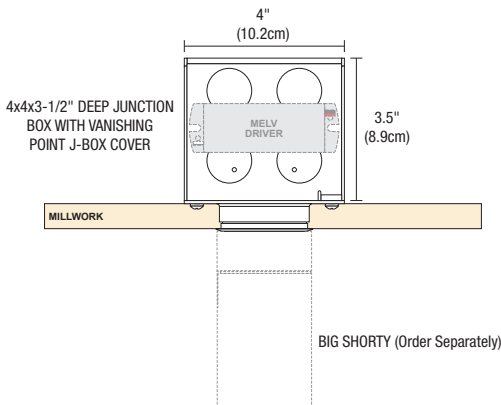
VANISHING POINT RECESSED CANOPY 120V/277V (0-10V) FOR MILLWORK - INCLUDED WITH ORDERING CODE
 4" square deep junction box with 120V/277V 0-10V driver. Includes Junction box and Driver only. New construction.

Type	System	Power Feed	Finish
VRM	BSC	010	WH
VRM Vanishing Point canopy for Millwork	BSC Big Shorty Ceiling	010 120V /277V Input, 0-10V Control Dimming	BK Black SN Satin Nickel WH White



VANISHING POINT RECESSED CANOPY FOR DRYWALL 120V - INCLUDED WITH ORDERING CODE
 4" square deep junction box with plaster ring and 120V MELV driver. Includes junction box and driver only. New construction.

Type	System	Control
VR	BSC	MELV
VR Vanishing Point Drywall (Plaster-In)	BSC Big Shorty Ceiling	MELV 120V Input, Magnetic/TRIAC/ELV

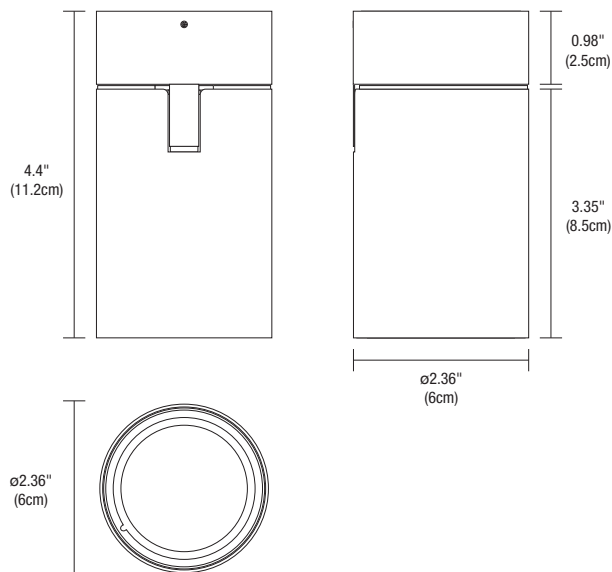


VANISHING POINT RECESSED CANOPY 120V FOR MILLWORK - INCLUDED WITH ORDERING CODE
 4" square deep junction box with 120V MELV driver. Includes junction box and driver only. New construction.

Type	System	Control	Finish
VRM	BSC	MELV	WH
VRM Vanishing Point Millwork	BSC Big Shorty Ceiling	MELV 120V Input, Magnetic/TRIAC/ELV	BK Black SN Satin Nickel WH White

BIG SHORTY ADJUSTABLE CEILING

LED CEILING DOWNLIGHT

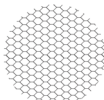


BIG SHORTY CEILING

Big Shorty Ceiling fixture only. Order junction box with canopy and driver separately.

System	Beam Angle	Color Temperature	Finish
BSC	NF	30K	SN
BSC Big Shorty Ceiling 2"	SP Spot 20° NF Narrow Flood 35° FL Flood 45° VW Very Wide Flood 75°	24K 2400K Very Warm White 27K 2700K Incandescent White 30K 3000K Warm White 30D Warm Dim (Dims down to 1800K)* 35K 3500K Neutral White *Not Available for NS	SN Satin Nickel BK Satin Black WH White

ACCESSORIES

	BIG SHORTY CEILING LENSES		SNOOT	LOUVER	LINEAR SPREAD FILM
					
ORDERING CODE	STATIC WHITE LEN-BSC-SP-SW LEN-BSC-NF-SW LEN-BSC-FL-SW LEN-BSC-VW-SW	WARM DIM LEN-BSC-SP-WD LEN-BSC-NF-WD LEN-BSC-FL-WD LEN-BSC-VW-WD	STB16-BK STB16-WH (WHITE SHELL)	L016-H	LF-BSC-LS
LENS SIZE	2" (50mm) Diameter				
BEAM SPREADS	SP (20°), NF (35°) FL (45°), VW (75°)		Conical snoot creates a 7° Beam spread and is designed to reduce spill and control glare. Spun aluminum.	Hexcell Louver eliminates glare. 0.125" Thickness.	Linear spread film: directs the light into an elongated beam. Typical applications using 10°, 15°, 25° include illuminating landscape oriented art. 35°, 40°, 60° create an elongated oval typically used for wall washing.

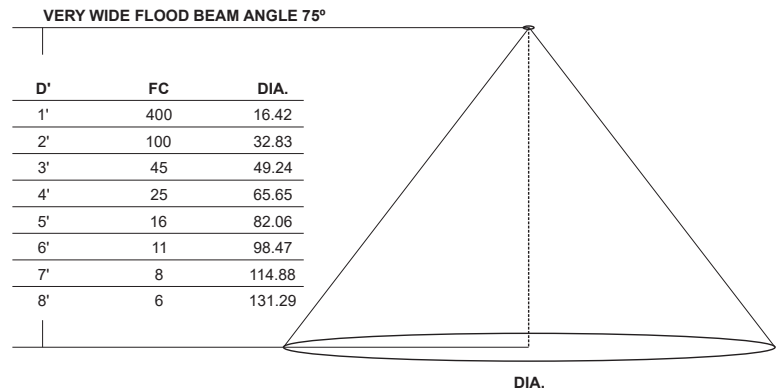
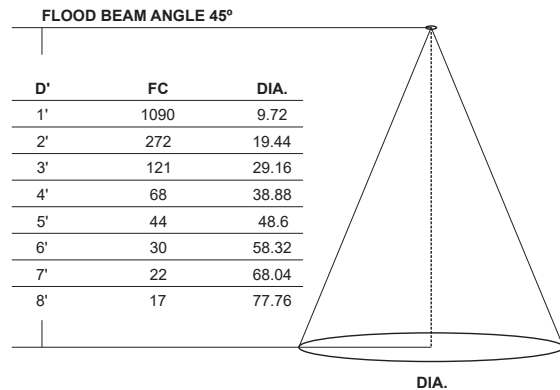
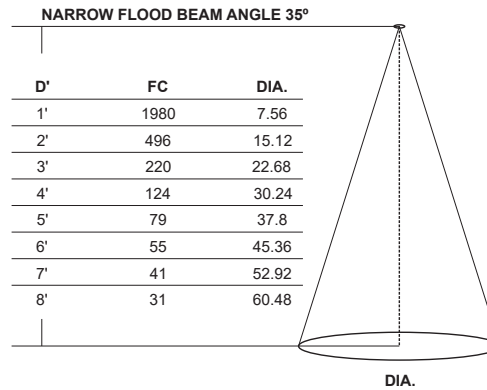
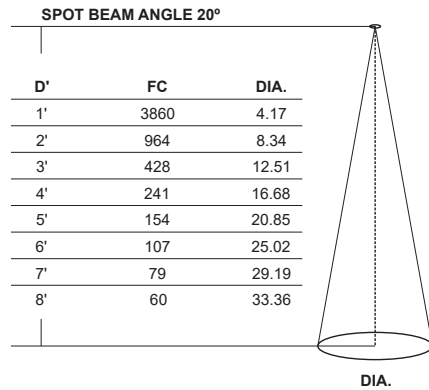
BIG SHORTY ADJUSTABLE CEILING

LED CEILING DOWNLIGHT

NOMINAL DELIVERED LUMENS

BIG SHORTY ADJUSTABLE CEILING					
DESCRIPTION	(NF)				
COLOR TEMPERATURE	24K	27K	30K	30D*	35K
LUMENS	1324	1180	1352	1037	1356
LUMENS PER WATT (lm/w)	95	84	97	74	97
CRI	97+	92+	91+	97+	98+
WATTS	14	14	14	14	14

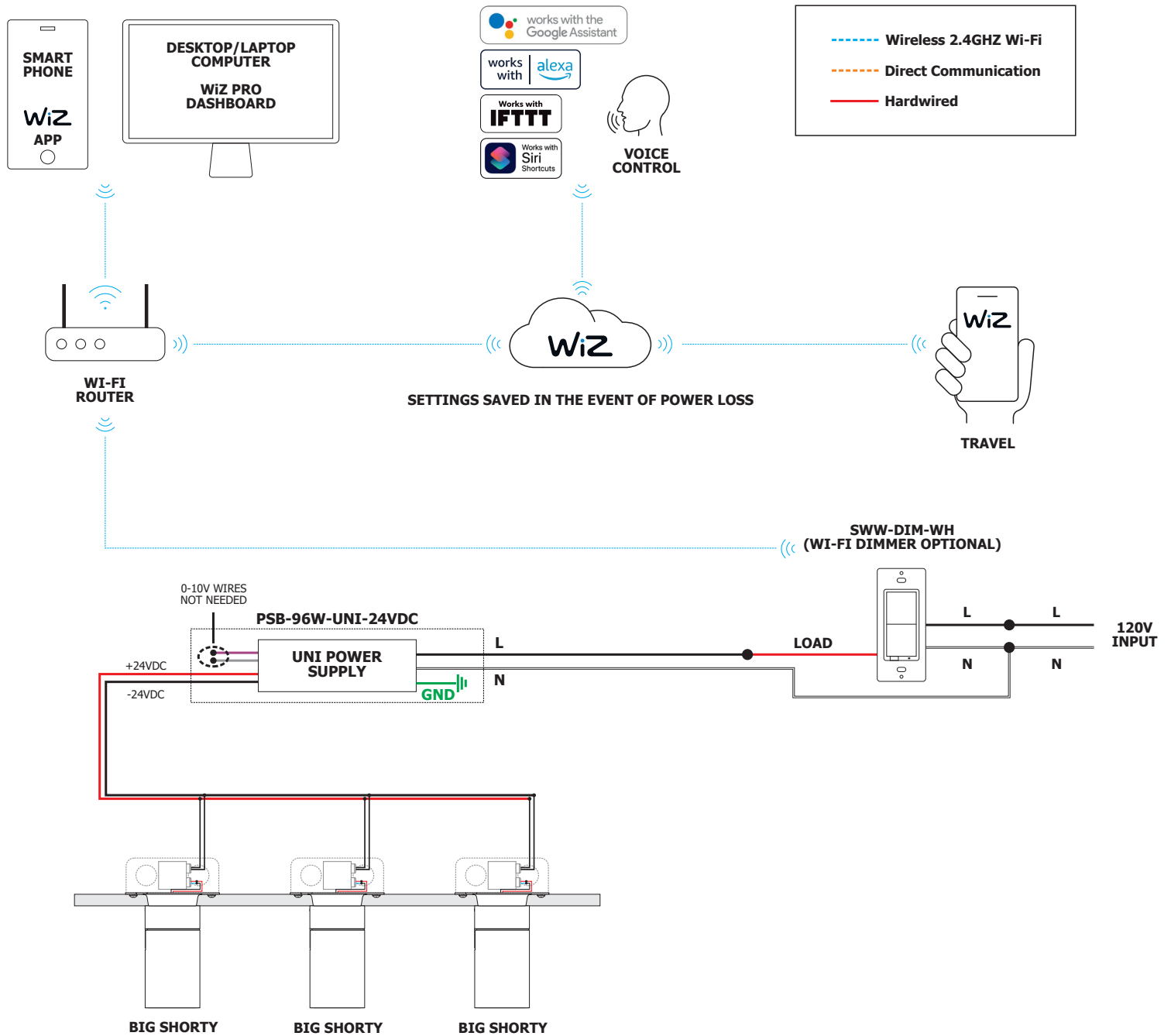
BIG SHORTY CEILING FOOT CANDLES



BIG SHORTY ADJUSTABLE CEILING

LED CEILING DOWNLIGHT

NETWORK TOPOLOGY with Smart Dimmer



PURE SMART™ Wi-Fi DIMMER

FOR TRADITIONAL NON-SMART BULBS & FIXTURES CONNECTED BY WIZ PRO



DESCRIPTION

The Pure Smart™ Wi-Fi dimmer works with non-smart bulbs and fixtures compatible with forward phase or Triac dimming(not compatible with 0-10V Dimming). Smart Wi-Fi Dimmer also allows for scheduling, grouping, voice control and control from anywhere via the WiZ app on your mobile device or the WiZ Pro Dashboard on your desktop.

OPERATION*

Features an ON/OFF switch and dimming functionality activated with a long press of the On (Brightness Up) or Off (Brightness Down) button. 400W Maximum Incandescent load, 150W CFL and/or retrofit LED bulb. Minimum trim and fade in/out settings are adjusted in the WiZ App. Communicates over 2.4 GHz Wi-Fi only. If remote power is being used, this dimmer is only compatible with PureEdge Universal Power Supplies. No Hub Required.

*When dimming traditional CFL/LEDs, ensure they are marked as dimmable.

BODY

Durable polycarbonate body. Compatible with decorator style wall plate (Not Included)

EASY INSTALLATION

The Pure Smart™ Wi-Fi Dimmer installs just like a regular in-wall switch. Works with any non-smart Static CCT or Warm Dim bulb/ fixture compatible with forward phase or Triac dimming. Can be used in 3-way applications with [Pure Smart Room Controllers](#) as companions only (Reference Manual for Wiring Diagram). Compatible with standard gangable boxes. Requires neutral wire. No Hub Required.

WIZ APP

The Pure Smart™ Dimmer can be controlled via the WiZ app (works with iOS and Android) from anywhere. Voice control enabled when used in conjunction with Google Assistant, Siri, Alexa, IFTTT, and SmartThings. Grouping, zoning, and scheduling can all be programmed with the WiZ app or WiZ Pro Dashboard.

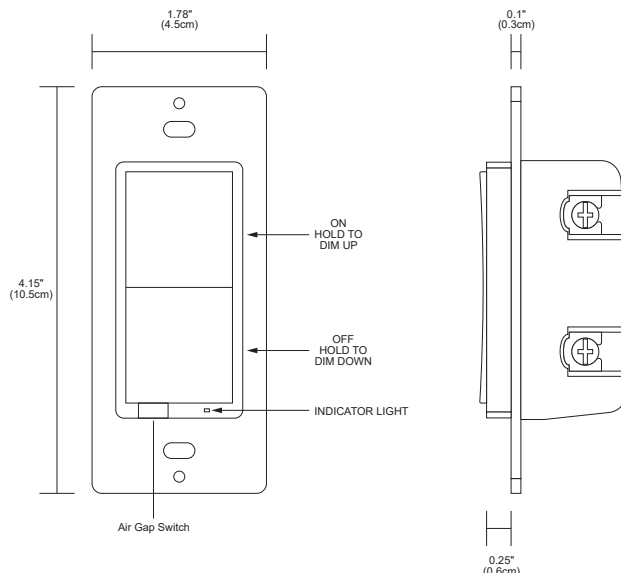
SECURITY

3rd party log-in and cloud security provide a safe and protected connection. WiZ does not store nor share any personal information.

SPECIFICATIONS

Approved Location	Dry / Indoor
Input Voltage	120Vac - 60 Hz
Certification	cULus, FCC
Compatible Load(s)	Any non-smart bulb or fixture *Triac, ELV (Reverse Phase/ Trailing Edge dimming) and MLV (Forward Phase/Leading Edge Dimming) only
Maximum Power	Incandescent: 400W Compact Fluorescent (CFL): 150W LED: 150W
Dimming	Dims to 1% with app trim setting at 30%
Operating Temperature	23°F~113°F (-5°C~45°C)
Wireless Frequency	2.4GHz
Radio Frequency	Certified IEEE 802.11, Wi-Fi 2.4Ghz radio
Wireless Standard	IEEE 802.11
Warranty	3-Year

Product	Type	Finish
SWW	DIM	WH
SWW Pure Smart Wall WIZ Pro Connected	DIM Dimmer	WH White



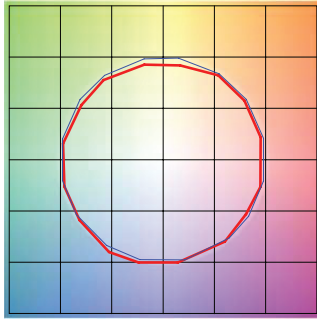
TM30 DATA

CEILING DOWNLIGHT

TM-30-15 DATA: The data below is for Big Shorty Ceiling. Consistent color temperatures among multiple track heads is possible through a 3 phase binning process in which each order is inspected with a color meter to ensure uniformity.

2400K | Rf: 91.2 | Rg: 96.8

Color Vector Graphic

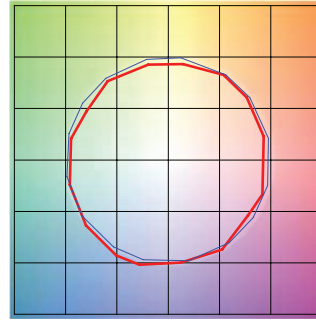


Test Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	92.0	-2.4%	1.5%
2	94.7	-2.1%	0.0%
3	95.4	-1.9%	-0.1%
4	88.7	-6.7%	-3.1%
5	92.8	-5.6%	1.0%
6	92.7	-3.4%	3.4%
7	89.9	-4.3%	4.1%
8	92.4	-1.4%	4.4%
9	89.0	-0.6%	5.8%
10	88.9	0.4%	6.2%
11	89.7	4.0%	5.4%
12	92.6	3.0%	-0.7%
13	90.9	1.1%	-7.0%
14	89.9	0.5%	-5.8%
15	92.1	-3.2%	0.1%
16	88.9	-1.7%	-6.3%

2700K | Rf: 87.7 | Rg: 96.1

Color Vector Graphic

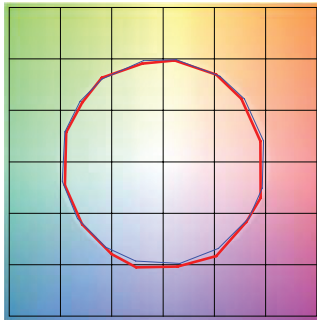


Test Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	88.0	-4.3%	2.6%
2	91.6	-2.4%	2.0%
3	93.7	-1.4%	1.9%
4	88.9	-5.6%	-3.1%
5	92.3	-5.5%	-0.5%
6	92.9	-3.5%	0.1%
7	84.5	-7.5%	4.6%
8	90.8	-3.0%	4.4%
9	84.5	-1.3%	8.3%
10	83.9	2.0%	9.8%
11	87.2	5.3%	7.1%
12	89.2	5.4%	-2.6%
13	88.7	0.3%	-7.8%
14	86.8	1.7%	-9.3%
15	87.6	-5.4%	-1.3%
16	83.6	-3.3%	-9.5%

3000K | Rf: 88.1 | Rg: 99.7

Color Vector Graphic

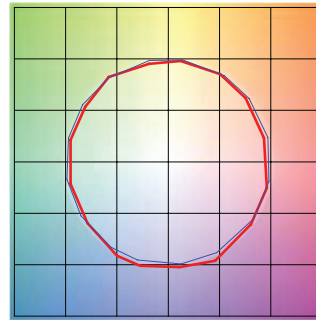


Test Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	92.5	-3.1%	0.3%
2	93.3	-2.3%	1.9%
3	90.9	-0.8%	3.9%
4	94.3	-1.1%	1.4%
5	92.5	-2.6%	1.5%
6	96.4	1.2%	-0.3%
7	92.6	-2.5%	-0.0%
8	96.9	-1.4%	0.2%
9	92.3	-1.8%	4.3%
10	86.6	-0.7%	7.0%
11	86.5	2.4%	8.2%
12	89.8	5.9%	1.7%
13	93.9	2.6%	-2.7%
14	89.4	5.1%	-5.8%
15	90.1	-0.1%	-4.7%
16	86.5	0.3%	-9.7%

3500K | Rf: 86.1 | Rg: 95.5

Color Vector Graphic

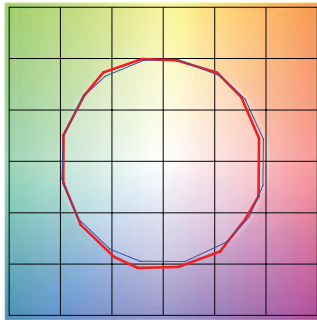


Test Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	90.8	-3.8%	0.3%
2	92.3	-2.8%	2.1%
3	89.7	-1.0%	4.3%
4	92.6	-1.4%	1.7%
5	91.8	-3.1%	1.3%
6	96.2	0.8%	-0.4%
7	92.9	-3.2%	0.2%
8	94.3	-2.5%	1.5%
9	90.4	-2.5%	5.2%
10	84.3	-1.4%	9.5%
11	83.1	3.5%	9.8%
12	88.2	4.8%	3.4%
13	94.0	2.7%	-2.0%
14	88.7	5.9%	-5.8%
15	88.7	0.7%	-5.9%
16	86.8	-0.7%	-6.7%

3000D | Rf: 89.8 | Rg: 101.4

Color Vector Graphic



Test Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	90.2	-4.2%	1.5%
2	90.9	-2.0%	3.7%
3	87.9	0.8%	5.5%
4	92.1	-0.9%	0.6%
5	93.0	1.5%	1.6%
6	92.2	3.9%	-0.2%
7	92.1	-0.3%	-2.0%
8	96.7	0.0%	-1.2%
9	92.5	-0.6%	3.7%
10	88.3	1.1%	7.0%
11	87.2	4.1%	7.4%
12	87.2	6.7%	-1.0%
13	88.2	3.8%	-7.2%
14	85.3	4.3%	-9.9%
15	90.9	-2.2%	-3.6%
16	83.4	-2.2%	-11.2%