ATLAS TRUCOLOR RGBTW

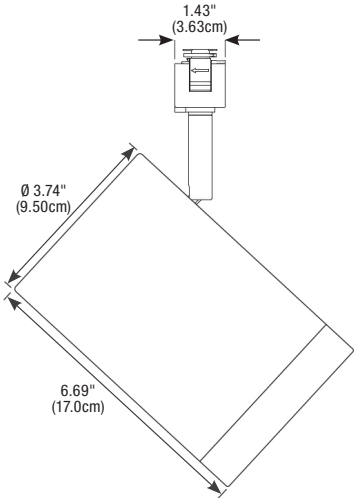
120VAC, 26W, H TRACK LUMINAIRE

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 12.31.24

TH-ALT-26W-FL-WZ-TC-CW

TH-ATL-26W-FL-WZ-TC-BK



FINISHES

Black **BK**

White **CW**

DESCRIPTION

Atlas **TruColor™ RGBTW** is a cutting-edge 120V H-track compatible luminaire designed to cater to both retail and residential environments with high ceilings. This versatile and powerful track head offers an array of features to transform any space. From dynamic color control to seamless integration with Wi-Fi, it's the perfect choice for enhancing any setting. Enjoy the flexibility of three beam spread options, ensuring that your lighting fits your specific needs with precision. Experience the magic of the **TruColor™ RGBTW** Light Engine, harnessing five channels of tunable LEDs. The integral Wi-Fi-enabled WiZ Pro Driver offers seamless connectivity and control, bringing convenience and efficiency to installation and setup. The comprehensive suite of features includes CCT selection, custom color mixing, dimming, scene creation, grouping, zoning, scheduling, and personalized circadian rhythm settings. With the easy installation and intuitive interface, you can create a tailored lighting experience for your space effortlessly. Suited for use with H 120V track configurations.

DIMMERS & CONTROLS (SOLD SEPARATELY)

Pure Smart™ Wi-Fi Controller

Pure Smart™ Battery Remote Wi-Fi Controller

TRUCOLOR™ RGB & TUNABLE WHITE LIGHT ENGINE

Pure Smart **TruColor™** technology uses five channels of tunable LEDs, composed of **RGBTW** red, blue, green, and Tunable White **(1500K-6500K)**. With our precision-engineered, proprietary color mixing, we produce one of the widest, most accurate spectrums available, giving our customers access to the warm glow of the sunset (1500K-2400K golden hour) to the pure white light of the mid-day sun (5700K) and everything in between. **TruColor™** LED's achieve an average CRI-Color Rendering Index of 93+ and a Duv of +-.0028 in relation to the blackbody curve at any point on the spectrum of tunable white CCT. Dynamic Color Changing functionality provides millions of possibilities for intricate customization, rich saturated secondary colors, and unprecedented ease of installation, making **RGBTW** the ideal choice for residential and commercial applications. **TruColor™ RGBTW** adds more than just decorative flexibility; it also helps to support a healthy Circadian Rhythm and well-being. Let TruColor™ transform your space and the people within it. **TruColor™ RGBTW** is optimized for control with WiZ Pro Wi-Fi based smart control system.

SPECIFICATIONS

APP	WiZ Mobile App and WiZ Pro Dashboard on Desktop
WI-FI/BLUETOOTH	Easily setup over Wi-Fi or Bluetooth. No hub required. 2.4GHz 802.11b/g/n WPA3 Personal
LUMENS @ 3000K	1322 LM
COLOR TEMPERATURE	RGBTW: Red, Blue. Green. Tunable White from 1500K-6500K
BEAM ANGLES & MAX LUMENS @ 30K	20 Degree: 1378 Lumens, 30 Degree: 1331 Lumens, 40 Degree: 1357 Lumens, 45 Degree: 1194 Lumens, 55 Degree: 1192 Lumens
DUV	0.0028 average across color temperature 2000K-5500K
RF	91.3 average across color temperature 2000K-5500K
RG	103 average across color temperature 2000K-5500K
R9	92 average across color temperature 2000K-5500K
CRI	93 average across color temperature 2000K-5500K
SCHEDULE & AUTOMATION	Customizable schedules, circadian rhythm, vacation mode, energy monitoring, and predictive maintenance
LIGHT SOURCE	High output TruColor™ RGBTW COB, 3 Step MacAdam Ellipse, 90+ CRI, Rated Life of 50,000 hours
CONSTRUCTION	Die-cast aluminum with baffled front cover for glare control
DRIVER	Integral Wi-Fi enabled WiZ Pro smart driver
AIMING	350° horizontal and 90° vertical
INPUT POWER	26W at 120VAC, 50/60Hz (PF: 0.98)
DIMMING	PWM Dimming down to 5% with WiZ App or Pure Smart Room Controller
WiZ INTEGRATION	1 Zone Relay Multiple Zones DMX/DALI
OPERATING TEMPERATURE	32°F to 104°F (0°C to 40°C)

APPLICATIONS

Designed for indoor use only, dry locations. Ideal applications in Commercial, Retail, Residential, Hospitality, Education, and Healthcare Institutions.

WARRANTY / LABELS

Pro-rated 5 year warranty. Assembled in America, ETL (Conforms to UL1598 and CSA 22.2 #250.0), Meets Title 24, JA8 requirments 24K> CCT.

System	Fixture	Wattage	Beam Spread Lens	Dimming & Controls	Color Temperature	Finish
TH	ATL	26W	NF-A	WZ	TC	BK

- **TH** 120V H Track System
- **ATL** Atlas
- **26W** 26 Watts
- **SP-A** Spot 20° w/ Aura effect on pastel colors and under 2600K
- **NF-A** Narrow Flood 30° w/ Aura effect on pastel colors and under 2600K
- **FL-A** Flood 40° w/ Aura effect on pastel colors and under 2600K
- **FL** Flood 45° All color, smooth diffusion within visible spectrum
- **WF** Wide Flood 55° All color, smooth diffusion within visible spectrum
- **WZ** WiZ Pro WiFi Connected
- **TC** TruColor™ RGB & Tunable White (1500K-6500K)
- **BK** Black Powder Coat
- **CW** Cool White Powder Coat RAL 9015

PROJECT		FIXTURE TYPE		DATE	

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ATLAS TRUCOLOR RGBTW

120VAC, 26W, H TRACK LUMINAIRE

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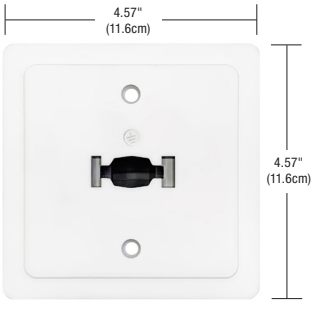
ADDITIONAL COMPONENTS



ATLAS MONOPOINT CANOPY

The Square Canopy is designed to be mounted directly to or over an outlet box. With this canopy, any line voltage track head can be easily transformed into a Monopoint fixture.

Product		Fixture		Finish
TSH	–	MP	–	WH

TSH 120V H Track System
MP Monopoint Canopy
BK Black
WH White

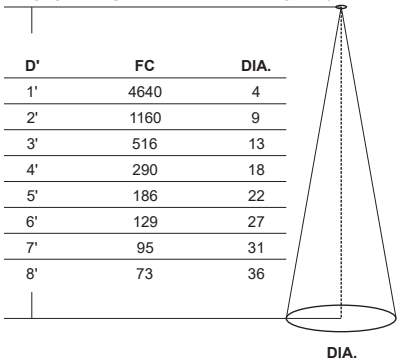
NOMINAL DELIVERED LUMENS

	20°								
WATTS	26W								
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K	57K	65K
LUMENS	839	799	969	1142	1322	1366	1254	1132	954
LUMENS PER WATT (lm/w)	44	43	48	51	52	55	56	59	56
CRI	89+	88+	92+	94+	97+	97+	97+	96+	93+
Duv	-0.0027	0.0000	-0.0037	-0.0026	-0.0027	-0.0013	-0.0042	-0.0056	-0.0067
Rf	88	86	91	93	94	94	93	92	91
Rg	104	100	105	104	103	102	102	105	106
R9	93	93	96	95	85	86	96	95	80
R13	87	84	89	93	98	100	97	96	93
R15	97	93	95	98	98	98	97	95	90
WATTS	19	18	20	23	26	25	22	19	17

FOOT CANDLE CHARTS

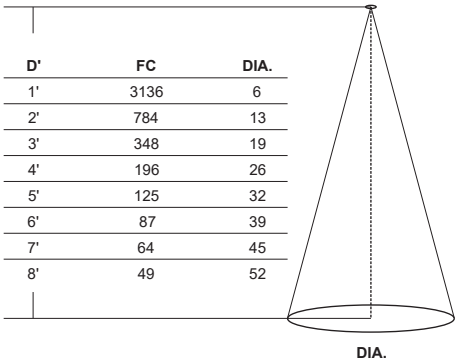
SPOT W/ AURA EFFECT BEAM ANGLE 20°

D'	FC	DIA.
1'	4640	4
2'	1160	9
3'	516	13
4'	290	18
5'	186	22
6'	129	27
7'	95	31
8'	73	36



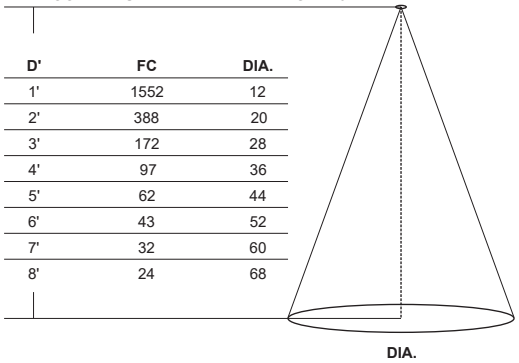
NARROW FLOOD W/ AURA EFFECT BEAM ANGLE 30°

D'	FC	DIA.
1'	3136	6
2'	784	13
3'	348	19
4'	196	26
5'	125	32
6'	87	39
7'	64	45
8'	49	52



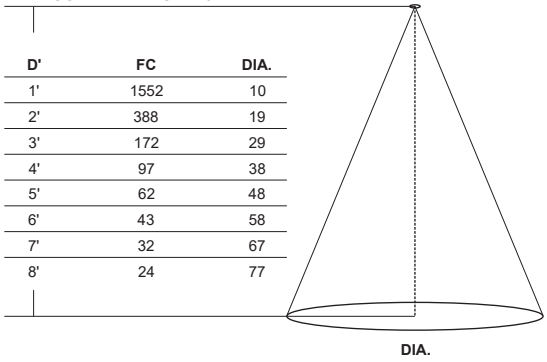
FLOOD W/ AURA EFFECT BEAM ANGLE 40°

D'	FC	DIA.
1'	1552	12
2'	388	20
3'	172	28
4'	97	36
5'	62	44
6'	43	52
7'	32	60
8'	24	68



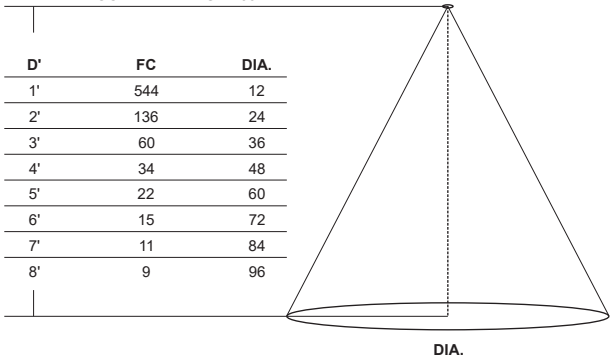
FLOOD BEAM ANGLE 45°

D'	FC	DIA.
1'	1552	10
2'	388	19
3'	172	29
4'	97	38
5'	62	48
6'	43	58
7'	32	67
8'	24	77



WIDE FLOOD BEAM ANGLE 55°

D'	FC	DIA.
1'	544	12
2'	136	24
3'	60	36
4'	34	48
5'	22	60
6'	15	72
7'	11	84
8'	9	96



PROJECT		FIXTURE TYPE		DATE	

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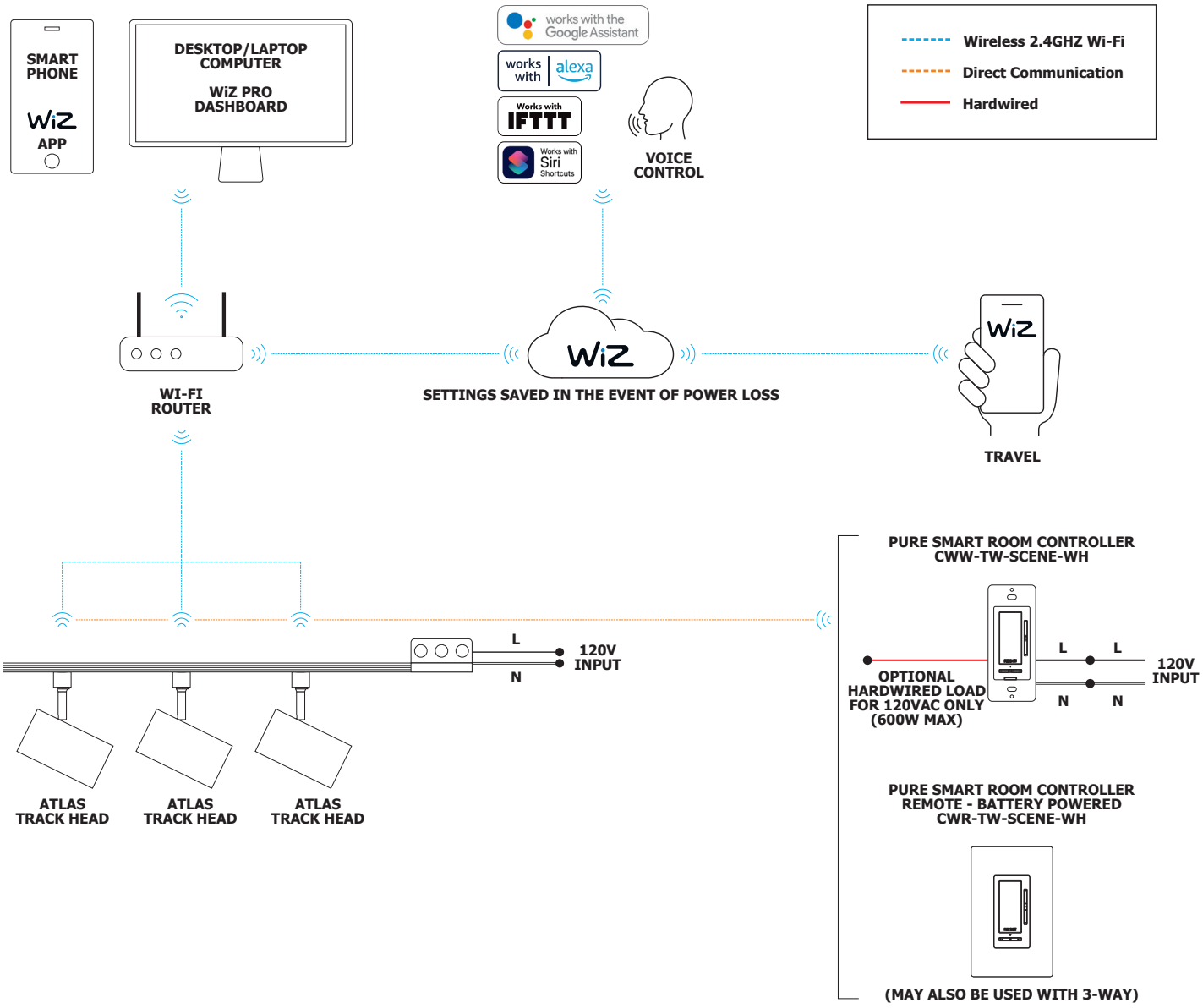
ATLAS TRUCOLOR RGBTW

120VAC, 26W, H TRACK LUMINAIRE

REV 12.31.24

NETWORK TOPOLOGY



PROJECT		FIXTURE TYPE		DATE	

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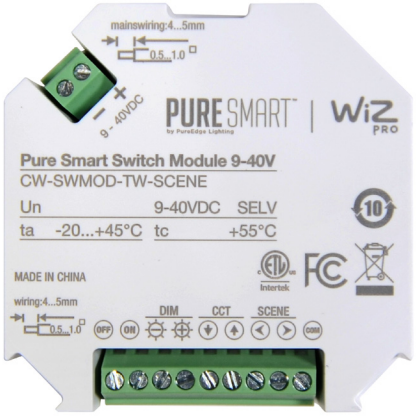
PURE SMART™ SWITCH MODULE

CONTACT CLOSURE INTERFACE FOR WIZ INTEGRATION IN HOME AUTOMATION SYSTEMS

ASSEMBLED IN AMERICA

REV 12.31.24



DESCRIPTION

The contact closure relay Switch Module enables the seamless integration of Pure Smart™ lamps, fixtures, and systems connected by WiZ Pro into any control systems. It connects to the relay pack within a home automation system, receiving contact closure commands from the native system and subsequently sending the corresponding wireless commands to WiZ devices.

The module is equipped with 8 dry-contact pins, allowing for various commands: On, Off, Dim Up, Dim Down, CCT Up, CCT Down, Previous Scene, and Next Scene. It has the capability to control a single zone, multiple zones, or entire home scenes through scene selection.

Additionally, the switch module features a local communication protocol, ensuring proper functionality with or without Wi-Fi connectivity. Commissioning of the switch module and target devices is carried out using the WiZ app, after which control can be maintained through the native automation system.

POWER INPUT (INCLUDED WITH ORDERING CODE)

9-40V Input
SELV Constant Voltage Input Only

EFFICIENCY

90%

AMBIENT OPERATING TEMPERATURE

-4°F (-20°C) to 113°F (45°C)

HOME AUTOMATION SYSTEMS

- Control4
- Crestron
- Lutron
- Nice
- RTI
- Savant
- URC
- Vantage

CONTROLS

All PureEdge Pure Smart Products

INSTALLATION

The Pure Smart™ WiZ Pro Switch Module allows for integration of wirelessly controlled, WiZ Pro enabled loads into other automation systems. It is compatible with any control system that supports contact closure relays.

CONNECTIVITY

Wi-Fi iEEE802.11b/g/n, BLE V4.2

AVERAGE LIFE

50,000 hours

APPLICATIONS

Indoor, Dry locations only

Product		System		Type
CW	–	SWMOD	–	TW-SCENE
CW WiZ Control		**SWMOD** Switch Module		**TW-SCENE** Tunable White + Scenes

WIRE DEFINITION

CONTACT/WIRE/TERMINAL	DEFINITION	REMARK
DC (+)	DC Input Plus Terminal	SELV Input
DC (-)	DC Input Negative Terminal	SELV Input
1	Off	Off
2	On	On
3	-	Dim Down
4	+	Dim Up
5	CCT -	CCT Down
6	CCT +	CCT Up
7	Prev	Previous Scene
8	Next	Next Scene
9	COM	Common Terminal

PROJECT		FIXTURE TYPE		DATE	

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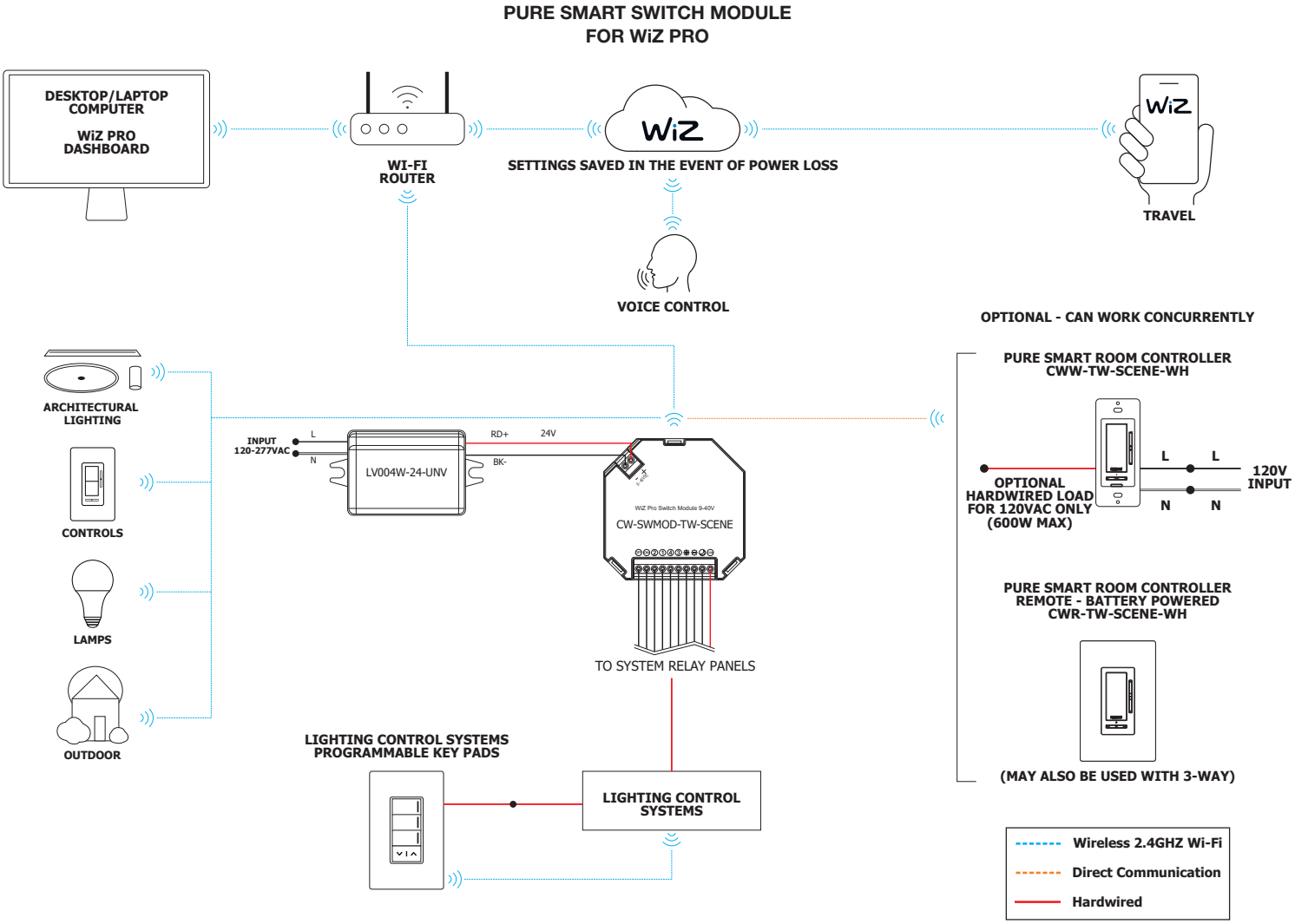
PURE SMART™ SWITCH MODULE

CONTACT CLOSURE INTERFACE FOR WIZ INTEGRATION IN HOME AUTOMATION SYSTEMS

REV 12.31.24

NETWORK TOPOLOGY & WIRING DIAGRAMS



PROJECT		FIXTURE TYPE		DATE	

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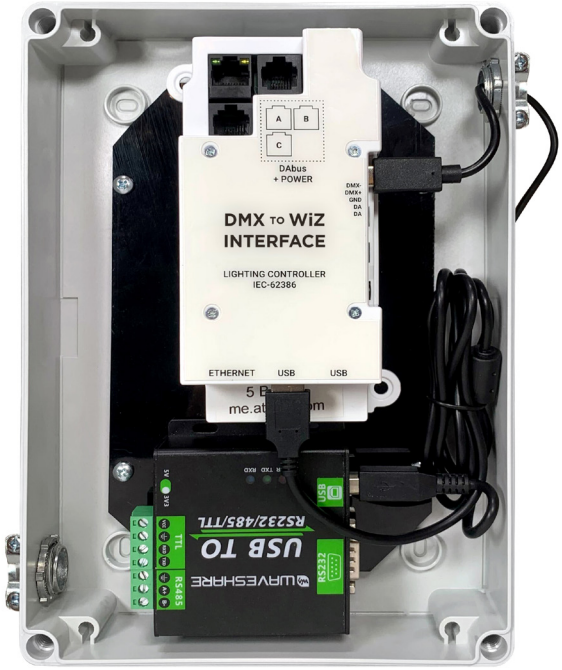
DMX TO WiZ INTERFACE

DMX 512 TO WiZ INTERFACING MODULE

ASSEMBLED IN AMERICA

REV 12.31.24



DESCRIPTION

This DMX to WiZ Interface allows for WiZ Pro-Enabled devices like the Pure Smart TruColor RGBTW smart bulbs to be controlled by any control/home-automation system with DMX compatibility. This could be a DMX gateway/ interface, a DMX console, or a standalone DMX controller. The DMX to WiZ interface takes the DMX input and output a wireless Wi-Fi signal locally on the WLAN to the WiZ enabled device(s). The devices can then be named, addressed, and/or zoned however the application necessitates.

FEATURES

- Assign user defined names to each lamp or group
- Synchronize names and status with Alexa
- Create, Edit and view scenes and groups
- Turn devices on/off, set brightness, color temp, manual set colors for tunable white or full color mixing.
- Create schedules
- Detect power outages and manage as needed

APPLICATIONS

Indoor, Dry locations only

POWER INPUT (POWER SUPPLY INCLUDED)

USB-C Input (5v, 3A)

EFFICIENCY

90%

AMBIENT OPERATING TEMPERATURE

-20° C to 45° C

LIFETIME

50,000 hours

INSTALLATION

40 feet but can be extended with additional Wi-Fi access points.

CONNECTIVITY

Ethernet, Wifi 802.11 a/b/g/n, DMX512 - up to 512 channels, WiZ bulbs - up to 1000 bulbs

Product		Type		Control
CW	–	**DMX**	–	**7CH**
CW WiZ Control		**DMX** DMX Module		**7CH** 7 Channel

PROJECT		FIXTURE TYPE		DATE	

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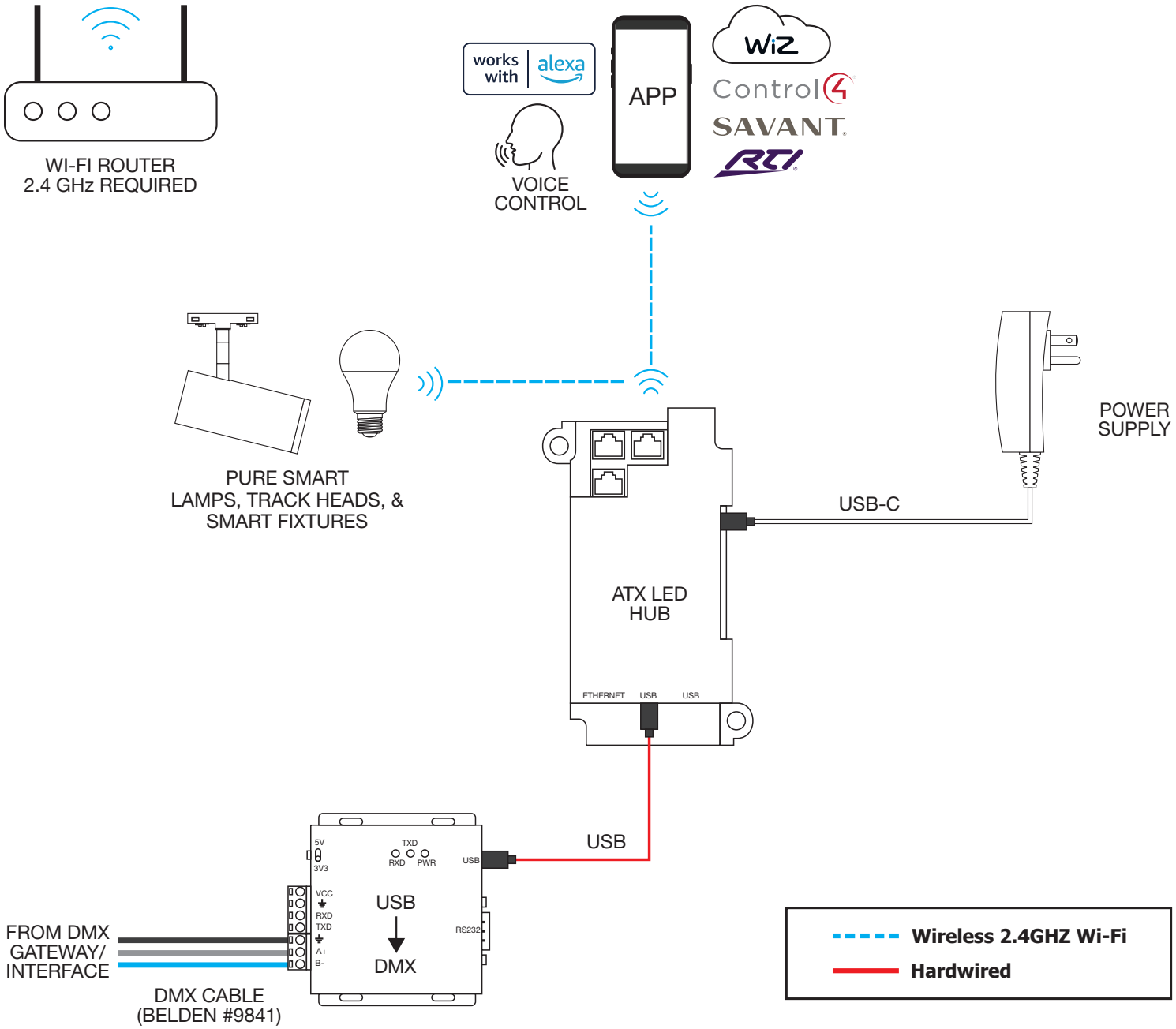
WiZ TO DMX INTERFACE

WiZ TO DMX 512 INTERFACING MODULE

REV 12.31.24

NETWORK TOPOLOGY & WIRING DIAGRAMS



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ATLAS TRUCOLOR RGBTW

120VAC, 26W, H TRACK LUMINAIRE

AURA EFFECT NF-A BEAM SPREAD WITHOUT MIXING FILM, 20% MORE LUMENS, WHITE CENTER BEAM WITH COLOR OUTER RING

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1500K - w/Red Aura Effect

1800K - w/Red Aura Effect

2000K - w/Red Aura Effect

2200K - w/Dark Orange Aura Effect

2400K - No Aura Effect

2700K - w/Amber Aura Effect

3000K - w/Amber Aura Effect

3500K - w/Amber Aura Effect

4000K - No Aura Effect

4500K - w/Slight Blue Aura Effect

5000K - w/Slight Blue Aura Effect

5500K - w/Slight Blue Aura Effect

Red

Green

Blue

Violet

PROJECT		FIXTURE TYPE		DATE	

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PURE SMART™ Wi-Fi 120V ROOM CONTROLLER

CONNECTED BY WiZ PRO

REV 12.31.24

DESCRIPTION:

The Pure Smart™ Wi-Fi Room Controller works with any WiZ Connected Smart fixtures/lamps. The Room Controller grants independent adjustment of both color temperature and intensity, as well as scene selection for Single Channel/Static, Tunable White, and TruColor™ RGBTW Fixtures. Four preset scenes can be associated with the room controller via the WiZ App. Custom scenes can be created using multiple layers of light, colors, and can include Pure Smart Wi-Fi Dimmer and Switch as well. No Hub required. Room Controller communicates with fixtures directly on the Local Area Network allowing for control even if the Wi-Fi goes down. Compatible with WiZ Connected fixtures only. For custom quotes and layout assistance, send your drawings and ideas to our design team: design@PureEdgeLighting.com.

OPERATION

Features ON/OFF buttons, CCT and brightness control rockers, and 4 preset/ custom scene selections. Maximum output of 600W for hardwired WiZ Connected devices. No load restriction when load wire is not used and devices are connected wirelessly to Room Controller. Communicates with 2.4GHz Wi-Fi only. No Hub Required.

EASY INSTALLATION

The Pure Smart™ Wi-Fi Room Controller installs just like a traditional dimmer. 120V power is all that is needed. Switch leg is optional for CWW-TW-SCENE-WH. This is also offered in a completely wireless version (See Pure Smart Remote Room Controller CWR-TW-SCENE-WH). Compatible with standard gangable boxes. Requires neutral wire. No Hub Required.

WiZ APP

The Room Controller is added as an accessory in the WiZ app (Available on iOS or Android) and communicates directly to the WiZ enabled light fixture via direct wi-fi signal on Local Area Network (LAN). Voice control enabled when used in conjunction with Google Assistant, Siri, Alexa, IFTTT, and SmartThings. Grouping, zoning, scheduling, and custom scenes can all be programmed with the WiZ app or WiZ Pro Dashboard.

BODY

Durable polycarbonate body, compatible with decorator style wall plate (not included).

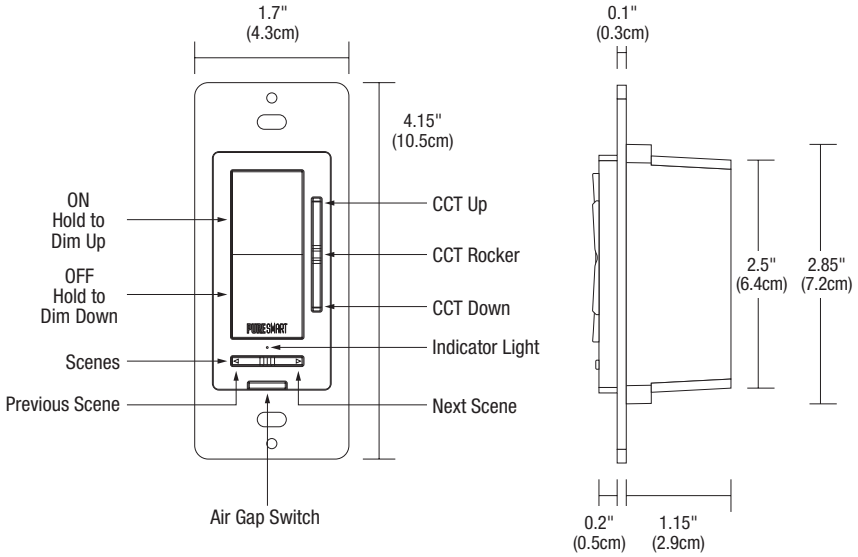
SECURITY

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)	WiZ Connected products only
Maximum Power	600W (Hardwired Loads), No Maximum for Wireless Loads
Output Current	5A
Power Consumption	Relay OFF: 0.07W Soft OFF: 0.79W ON: 0.79W
Dimming	Dims to 3%
Operating Temperature	23°F~113°F (-5°C~45°C)
Wireless Frequency	2.4GHz
Wireless Standard	IEEE 802.11
Warranty	3 Year

Product		Type		Finish
CWW	–	TW-SCENE	–	WH
CWW Controller, Wall Mount, WiZ Pro connected		**TW-SCENE** Tunable White + Scenes		**WH** White



PROJECT		FIXTURE TYPE		DATE	

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PURE SMART™ Wi-Fi REMOTE ROOM CONTROLLER

CONNECTED BY WiZ PRO FOR TABLE TOP OR WALL, BATTERY OPERATED

REV 12.31.24

DESCRIPTION:

The Pure Smart™ Wi-Fi Remote Room Controller works with any WiZ Connected Smart fixtures/lamps. The Remote Room Controller is powered by four AAA batteries and grants independent adjustment of color temperature and intensity, as well as scene selection for four favorite scenes which are selected and assigned to the room controller in the WiZ App. The four favorited scenes, as with any scene in the WiZ ecosystem, can consist of any combination of products including bulbs, luminaires, or smart controls and can support any combination of color ranges including static white or dimmable white, Tunable White, and Trucolor RGBTW allowing for intricate customization and control. No Hub required. Room Controller communicates with fixtures directly on the Local Area Network allowing for control even if the Wi-Fi goes down. Compatible with WiZ Connected fixtures only. For custom quotes and layout assistance, send your drawings and ideas to our design team: design@PureEdgeLighting.com.

OPERATION

Dimming, CCT control rocker, and a scene control toggle. No load maximum. Communicates with 2.4GHz Wi-Fi only. No Hub Required.

EASY INSTALLATION

The Pure Smart™ Wi-Fi Remote Room Controller is powered by 4 AAA batteries and is therefore completely wireless. Multiple mounting methods available including to a standard switch box, on the wall with the included drywall anchors or adhesive strip, or kept on a tabletop with the rubber pads that help to keep it stationary. Single Pole or 3-way compatible with Pure Smart Dimmer (SWW-DIM-WH), Pure Smart Switch (SWW-SWT-WH), 120V Room Controller (CWW-TW-SCENE-WH) and another Remote Room Controller. No wires. No hub. Total control.

WiZ APP

The Room Controller is added as an accessory in the WiZ app (Available on iOS or Android) and communicates directly to the WiZ enabled light fixture via direct wi-fi signal on Local Area Network (LAN). Voice control enabled when used in conjunction with Google Assistant, Siri, Alexa, IFTTT, and SmartThings. Grouping, zoning, scheduling, and custom scenes can all be programmed with the WiZ app or WiZ Pro Dashboard.

BODY

Durable polycarbonate body.

SECURITY

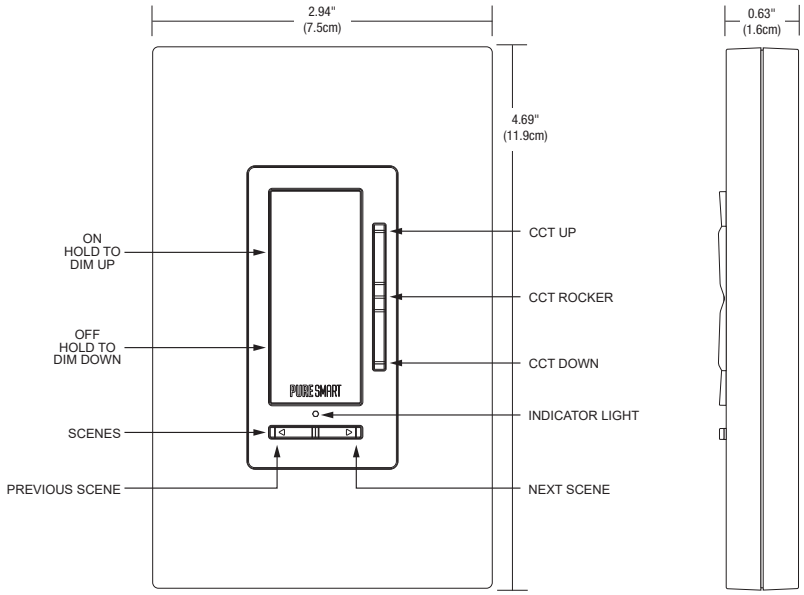
3rd party log-in and cloud security provide a safe and protected connection. WiZ does not store nor share any personal information.

SPECIFICATIONS

Approved Location	Dry / Indoor
Input Voltage	4 AAA batteries
Certification	cULus, FCC
Compatible Load(s)	WiZ Connected products only
Maximum Power	No Load Maximum
Output Current	5A
Power Consumption	Relay OFF: 0.07W Soft OFF: 0.79W ON: 0.79W
Dimming	Dims to 3%
Operating Temperature	23°F~113°F (-5°C~45°C)
Wireless Frequency	2.4GHz
Wireless Standard	IEEE 802.11
Warranty	3 Year

works with WiZ · works with alexa · works with Google Home · Works with Siri Shortcuts · Works with IFTTT

Product		Type		Finish
CWR	–	**TW-SCENE**	–	**WH**
CWR Controller, WiZ Pro connected Remote		**TW-SCENE** Tunable White + Scenes		**WH** White



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TM30 DATA

120VAC, 26W, H TRACK LUMINAIRE

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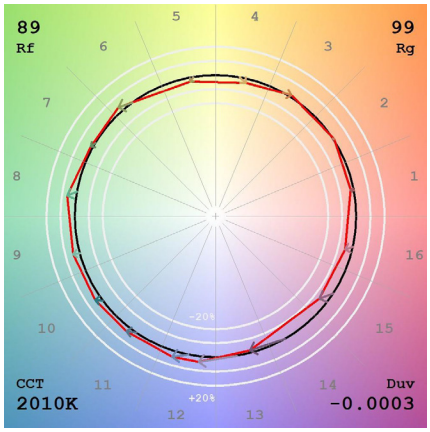
TM-30-15 DATA: The data below is for Pure Smart TruColor™ RGBTW Atlas trackheads.

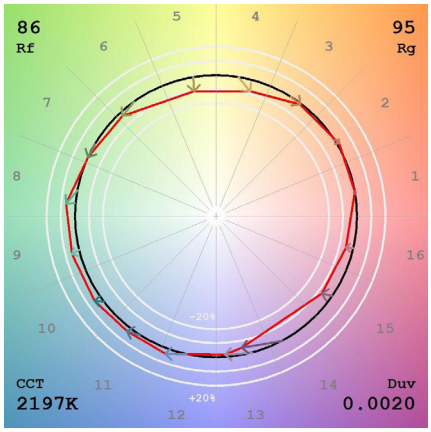
2000K (TruColor™ RGBTW)

View Angle: 2 Deg



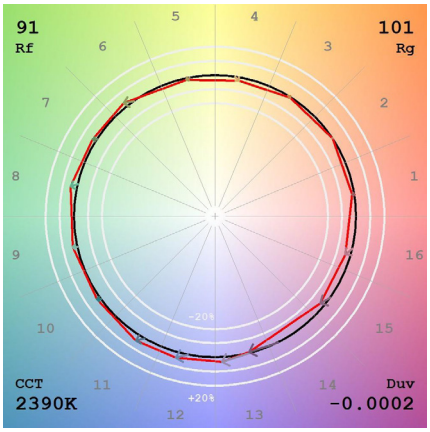
2200K (TruColor™ RGBTW)

View Angle: 2 Deg



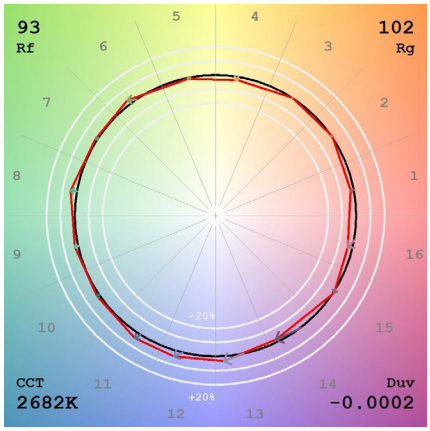
2400K (TruColor™ RGBTW)

View Angle: 2 Deg



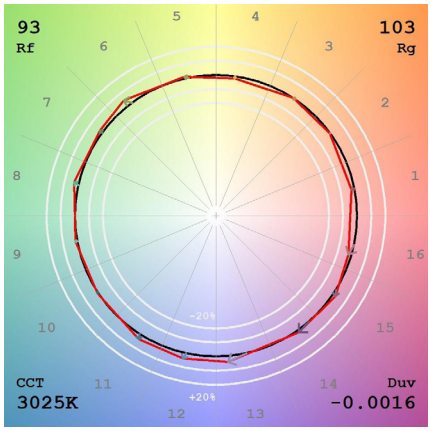
2700K (TruColor™ RGBTW)

View Angle: 2 Deg



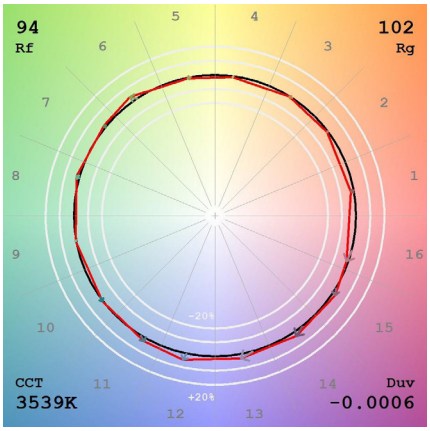
3000K (TruColor™ RGBTW)

View Angle: 2 Deg



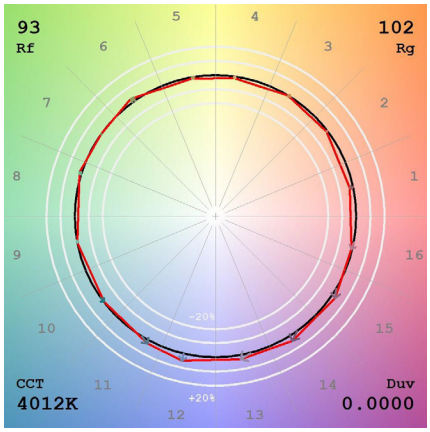
3500K (TruColor™ RGBTW)

View Angle: 2 Deg



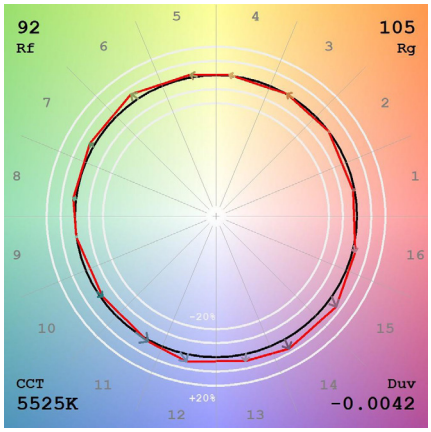
4000K (TruColor™ RGBTW)

View Angle: 2 Deg



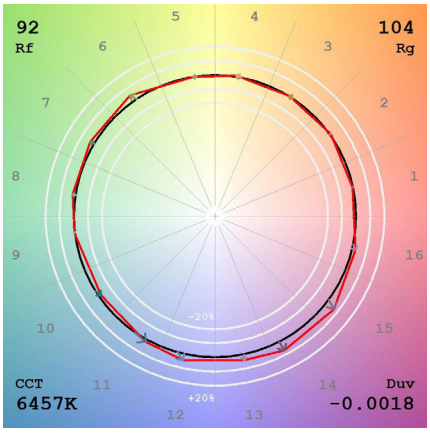
5700K (TruColor™ RGBTW)

View Angle: 2 Deg



6500K (TruColor™ RGBTW)

View Angle: 2 Deg



PROJECT		FIXTURE TYPE		DATE	

PureEdge Lighting reserves the right to modify this specification without prior notice