

# T24 TUBO LARGE SMART TRACKHEAD HIGH OUTPUT

24VDC INTEGRATED LED, RGB & TUNABLE WHITE, WI-FI ENABLED

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

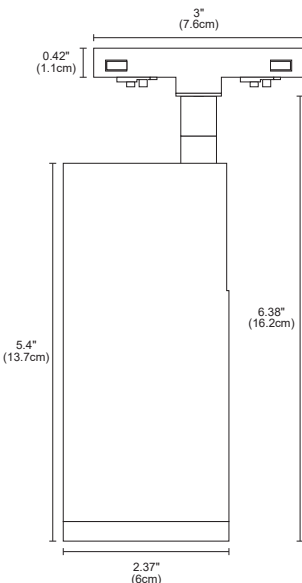
REV 03.19.26



T24-TU2L-SP-WIZ-TC-PW



T24-TU2L-SP-WIZ-TC-BK



## DESCRIPTION

Our Pure Smart Tubo Large **TruColor™ RGBTW** Track Head has a 12W and 17W option. This luminaire delivers up to 1271 lumens at 30K. Being part of an entirely low voltage, class 2, 24VDC system, it offers an easy installation. The cylindrical flat-back design houses the heat-sink, LED module, and integrated smart wifi enabled driver offering 360° horizontal rotation and 90° vertical aiming. The low voltage track connector is compatible with T24 Single Circuit TruTrack, Pipeline Track and Surface Track. Offered in multiple beam spreads and the optics/lenses can be changed in the field.

## 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 from morning to the mid-day sun (4500K-6500K). **TruColor™** LED's achieve an average CRI between 2000K-5500K of 93+ and a Duv of +/-0.026 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, soft pastels and unprecedented ease of installation, making **TruColor™ (RGBTW)** the ideal choice for residential and commercial applications. Let **TruColor™** transform your space and the people within it.

Onboard smart driver allows for user friendly installation, and feature rich controls with the use of the WIZ Pro Software Suite. WIZ Pro compatibility seamlessly integrates into the wireless Wi-Fi control ecosystem. With the WIZ app, WIZ Pro Dashboard, smart wall and remote controls, and voice control you can access CCT control, dimming, grouping/zoning, and scheduling from anywhere anytime. Preset and custom schedules available to best support a healthy circadian rhythm unlocking the full potential of the extensive color palette. Elevate your lighting experience with superior output, energy efficiency, smart control, and exceptional color consistency.

## COLOR TEMPERATURE:

**TruColor™ RGBTW:** Red, Blue, Green, Tunable White from 1500K-6500K

**LUMENS 17W:** 1271 Lumens at 3000K

**CRI:** 96 CRI at 3000K

**EFFICACY 17W:** 79 lumens per watt at 3000K

## MOUNTING OPTIONS

Compatible with PureEdge T24 Track Heads are Compatible with Single Circuit TruTrack® (**TR24**) and Surface Mount track (**TS24**).

## REMOTE POWER SUPPLIES (SOLD SEPARATELY)

24VDC, Class 2 wiring

- [Home Integration Solutions](#)
- Pure Smart™ WIZ Pro [PSBR Power Supplies](#) & [Smart Controls](#)

## LOAD

12W (6 heads), 17W (5 heads) per 96W power supply

## ACCESSORIES (SF SOFT FOCUS MIXING INCLUDED)

Field changeable lenses in **VS** (10°), **SP** (16°), **NF** (30°), **FL** (35°), **WF** (45°), beam spread options, Mixing Films, Louver, and Snoot

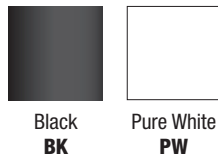
## APPLICATIONS

Designed for indoor use only, dry and damp locations. Ideal applications in commercial, retail, residential, hospitality, education, and healthcare institutions.

## WARRANTY / LABELS

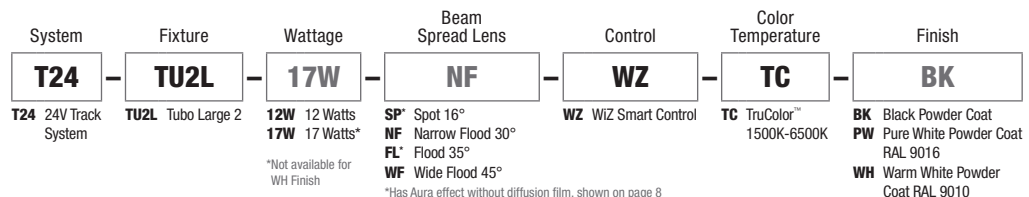
Pro-rated 5 year warranty. Assembled in America, ETL (Conforms to UL1598 and CSA 22.2 #250.0) RoHs, Title 24 JA8 compliant.

## FINISHES



Black  
**BK**

Pure White  
**PW**



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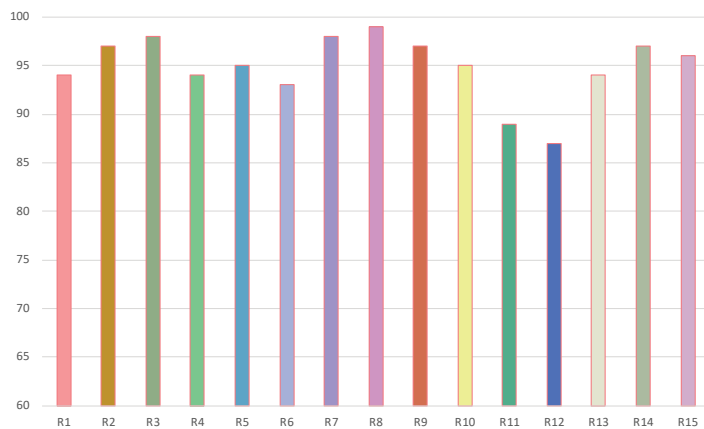
24VDC INTEGRATED LED, RGB & TUNABLE WHITE, WI-FI ENABLED

## NOMINAL DELIVERED LUMENS, INCREASED 20% BY REMOVING SOFT MIXING FILM ON LENS

WATTS	12W									
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K	57K	65K	
LUMENS	445	462	507	596	670	737	751	596	494	
LUMENS PER WATT (lm/w)	44	44	47	52	56	61	64	60	56	
CRI	86.7	88.3	89.7	93.2	95.2	96.8	96.7	93.9	91.6	
Duv	-0.0027	-0.0011	-0.0019	-0.0022	-0.0023	-0.0005	-0.0005	-0.0041	-0.0036	
Rf	87	88	90	93	94	94	93	93	91	
Rg	104	101	103	103	103	101	100	105	106	
R9	91	92	90	94	97	98	94	80	66	
R13	83	85	87	91	93	96	96	93	92	
R15	92	93	93	95	96	97	95	91	88	
WATTS	10	11	11	12	12	12	12	10	9	

WATTS	17W									
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K	57K	65K	
LUMENS	830	862	962	1130	1271	1401	1531	1307	1082	
LUMENS PER WATT (lm/w)	64	62	65	72	79	87	96	93	82	
CRI	86.4	88.4	91.8	94.7	95.9	97.3	96.5	94.8	93.3	
Duv	0.0026	0.0026	0.0026	0.0033	0.0037	0.0024	0.0008	0.0024	0.0006	
Rf	88	89	92	94	95	95	94	93	92	
Rg	105	105	105	104	104	103	100	105	105	
R9	84	86	92	97	97	98	85	90	83	
R13	82	85	89	93	94	96	99	96	96	
R15	90	91	93	96	96	97	96	94	93	
WATTS	13	14	15	16	16	16	16	14	13	

## R1-R15 CRI CHART @ 3000K CRI 96+



## Additional Lenses and Accessories

	TUBO LARGE LENS	SNOOT	LOUVER	FOCUS LENS	LINEAR SPREAD FILM
ORDERING CODE	<b>RGBTW</b> LEN-TU2L-VS LEN-TU2L-SP LEN-TU2L-NF LEN-TU2L-FL LEN-TU2L-WF	<b>STB16-BK</b> <b>STB16-WH (WHITE SHELL)</b>	L016-H	<b>LF-TUBL-SF (SOFT FOCUS),</b> <b>MF (MEDIUM FOCUS),</b> <b>WF (WIDE FOCUS)</b>	LF-TUBL-LS
LENS SIZE	2" (50mm) Diameter				
BEAM SPREADS	<b>VS (10°), SP (16°), NF (30°),</b> <b>FL (35°), WF (45°)</b>	Snoot is designed to reduce spill and control glare. Spun aluminum.	Hexcell louver eliminates glare. 0.125" Thickness.	Soft focus lens is included with every track head. Diffuses the beam, providing uniform illumination.	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.

# T24 TUBO LARGE SMART TRACKHEAD HIGH OUTPUT

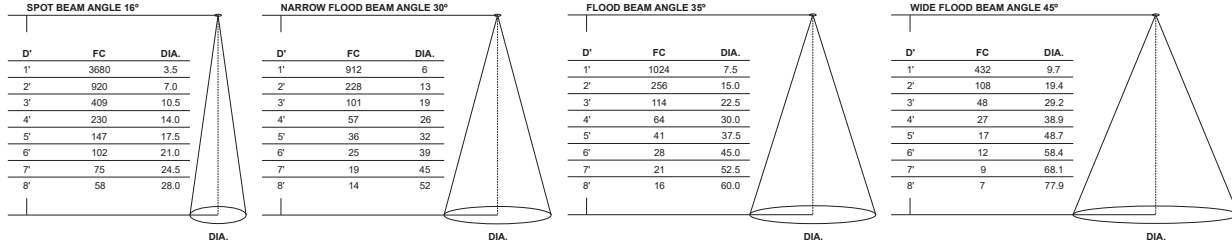
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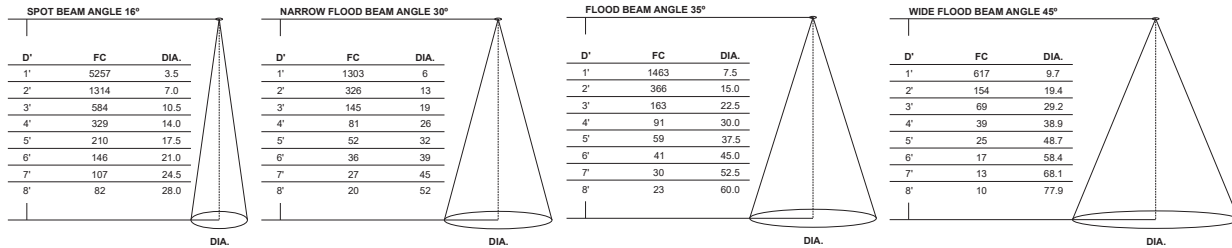
## TUBO LARGE SMART TRACKHEAD Photometric Data at 3000K

D - Distance from TUBO LARGE fixture  
FC - Initial foot candles at the center of beam  
DIA - Diameter

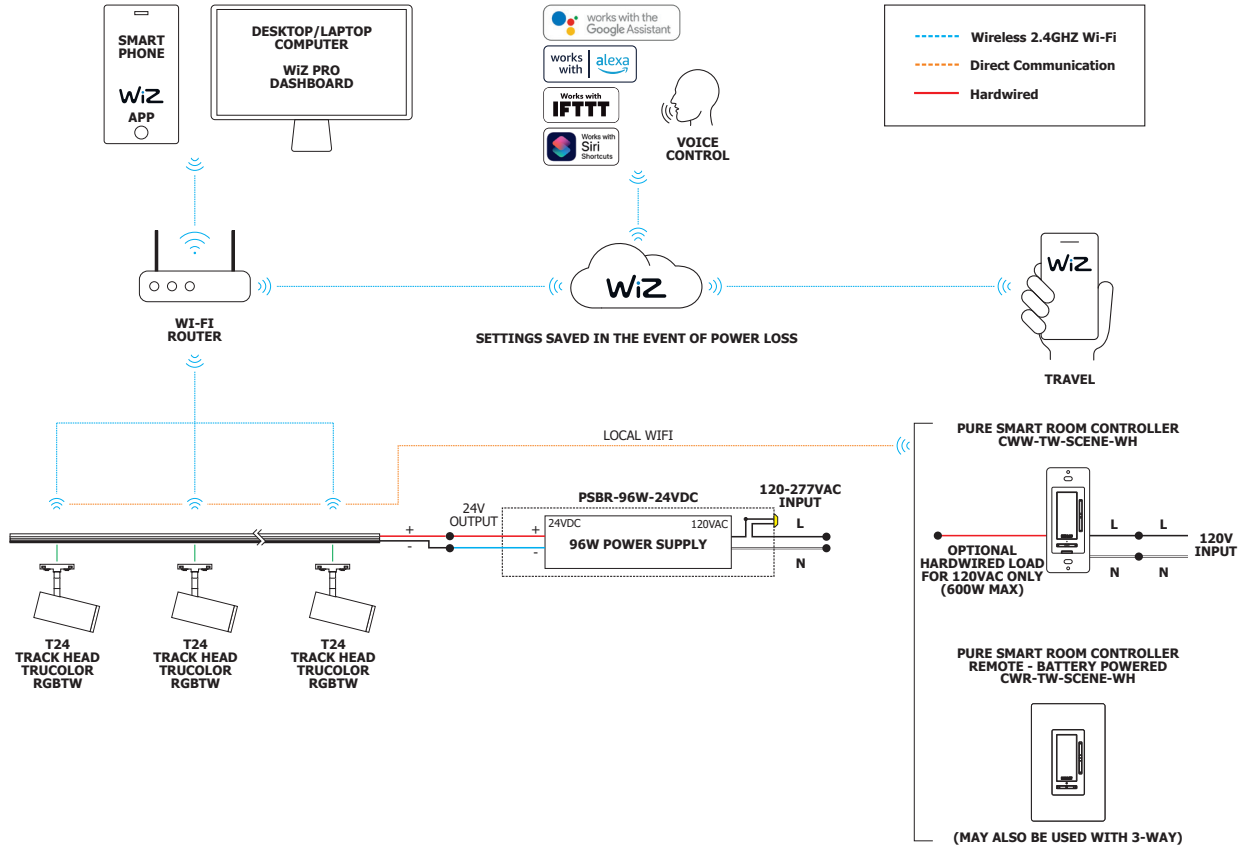
### 12 Watt



### 17 Watt



## NETWORK TOPOLOGY

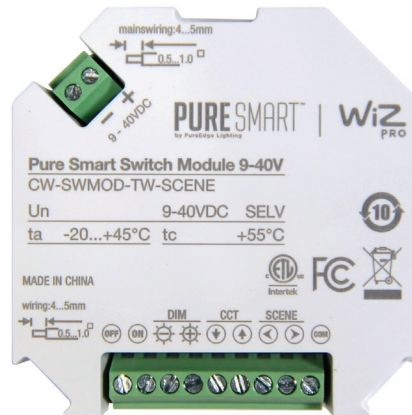


# PURE SMART™ SWITCH MODULE

CONTACT CLOSURE INTERFACE FOR WIZ INTEGRATION IN HOME AUTOMATION SYSTEMS

ASSEMBLED IN AMERICA

REV 03.19.26



## 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

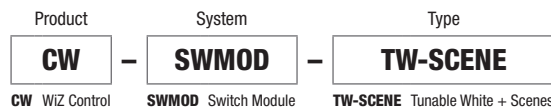
Wi-Fi IEEE802.11b/g/n, BLE V4.2

## AVERAGE LIFE

50,000 hours

## APPLICATIONS

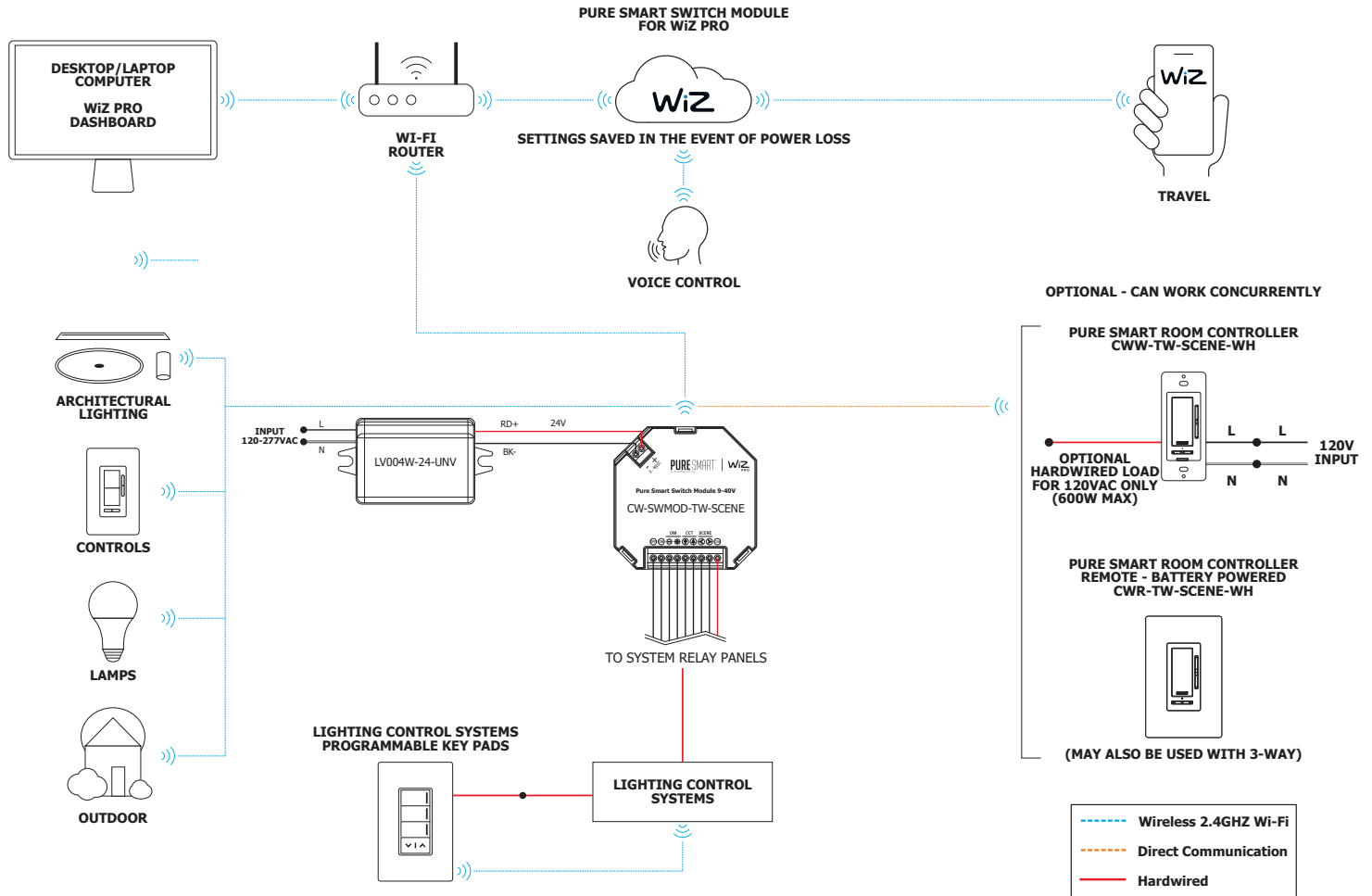
Indoor, Dry locations only



## 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

## WIRING & NETWORK TOPOGRAPHY





# DMX TO WIZ INTERFACE

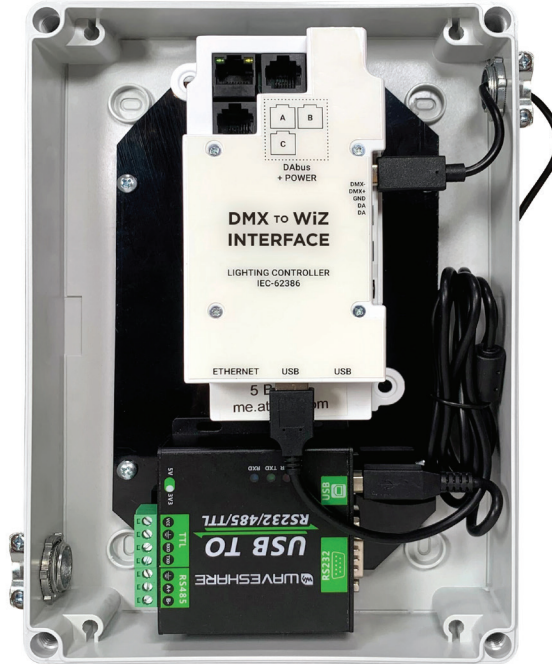
## DMX 512 TO WIZ INTERFACING MODULE



PROJECT  
FIXTURE TYPE  
DATE

ASSEMBLED IN AMERICA

REV 03.19.26



### 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

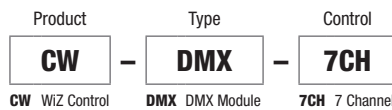
50,000 hours

### INSTALLATION

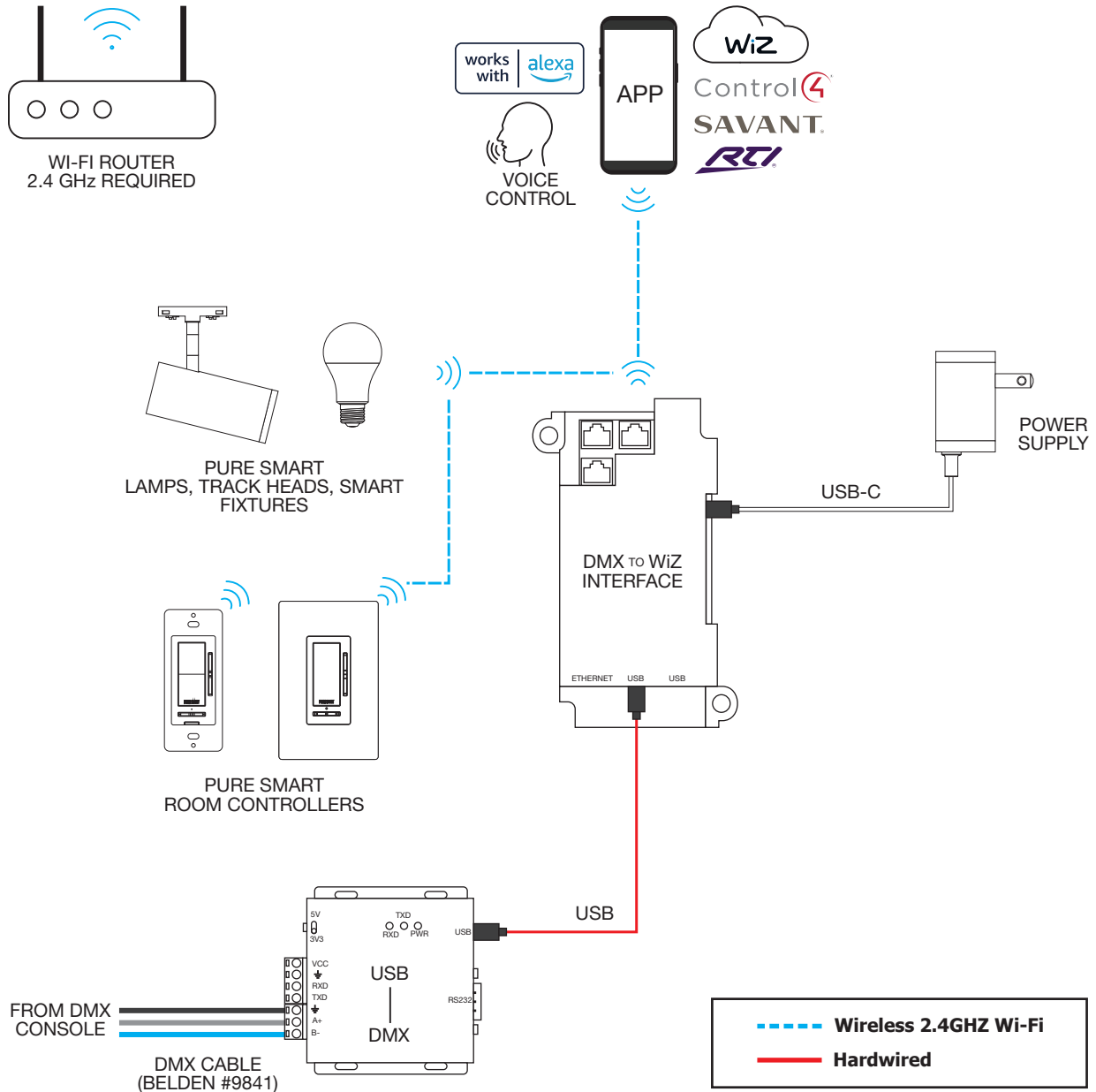
40 feet but can be extended with additional Wi-Fi access points.

### CONNECTIVITY

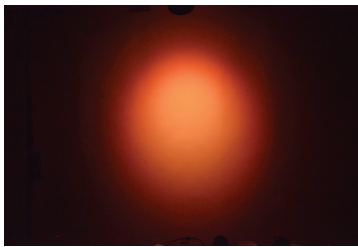
Ethernet, Wifi 802.11 a/b/g/n, DMX512 - up to 512 channels, WiZ bulbs - up to 1000 bulbs



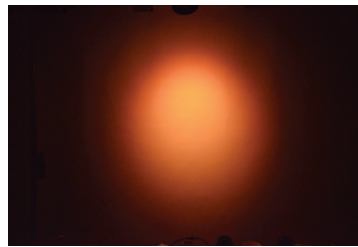
**WIRING & NETWORK TOPOGRAPHY**



**AURA EFFECT SP & NF BEAM SPREAD WITHOUT MIXING FILM, 20% MORE LUMENS, WHITE CENTER BEAM WITH COLOR OUTER RING**



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



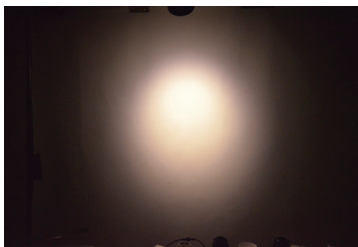
2700K - w/Amber Aura Effect



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

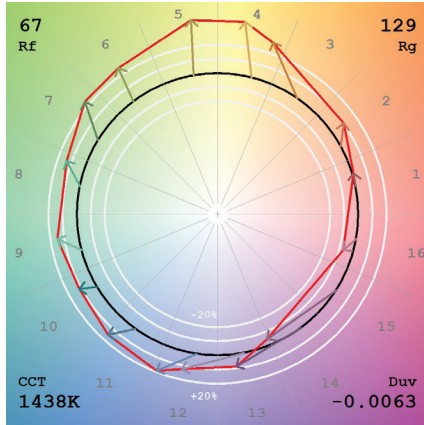
# TM30 DATA

24VDC INTEGRATED LED, RGB & TUNABLE WHITE, WI-FI ENABLED

**TM-30-15 DATA:** The data below is for Pure Smart TruColor™ RGBTW Tubo

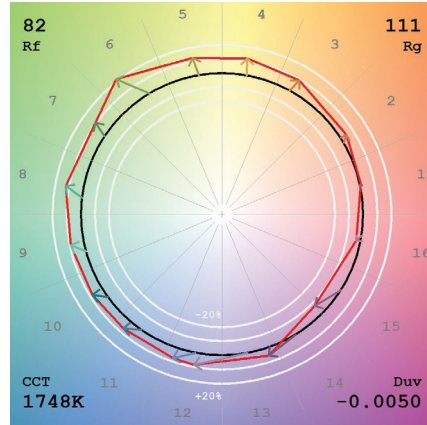
## 1500K (TruColor™ RGBTW)

View Angle: 2 Deg



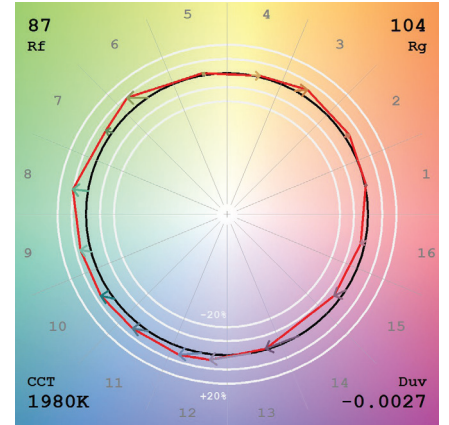
## 1800K (TruColor™ RGBTW)

View Angle: 2 Deg



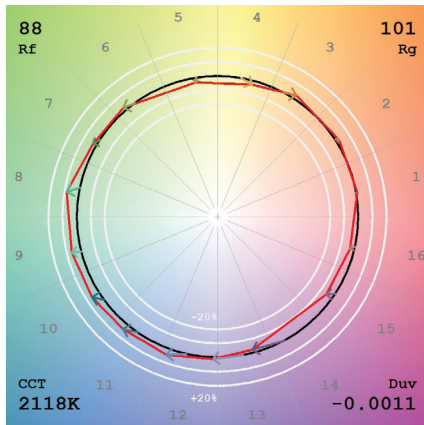
## 2000K (TruColor™ RGBTW)

View Angle: 2 Deg



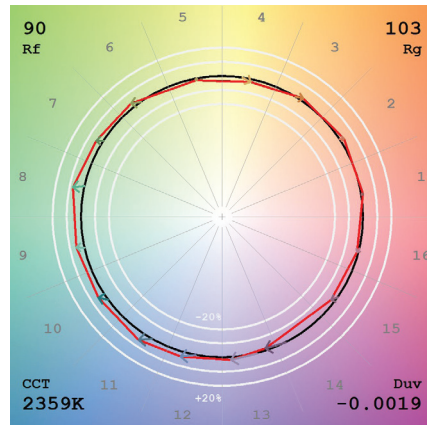
## 2200K (TruColor™ RGBTW)

View Angle: 2 Deg



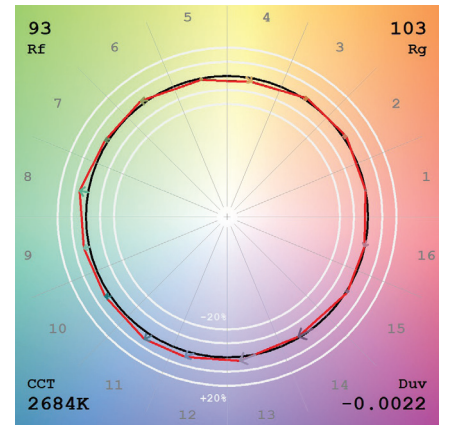
## 2400K (TruColor™ RGBTW)

View Angle: 2 Deg



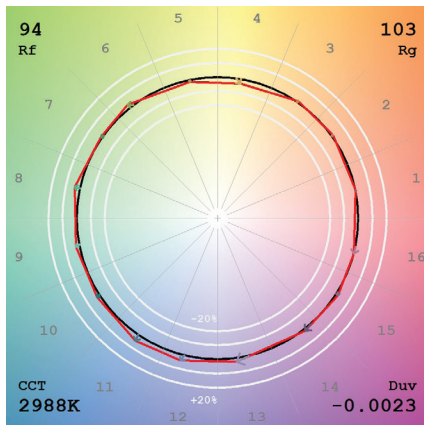
## 2700K (TruColor™ RGBTW)

View Angle: 2 Deg



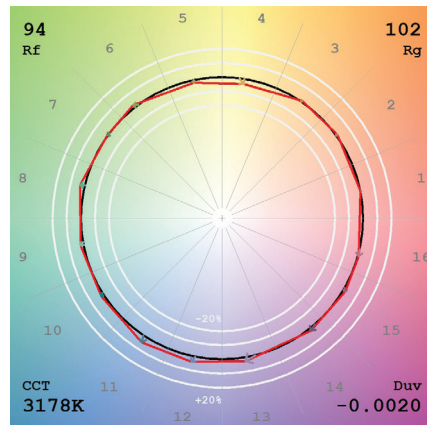
## 3000K (TruColor™ RGBTW)

View Angle: 2 Deg



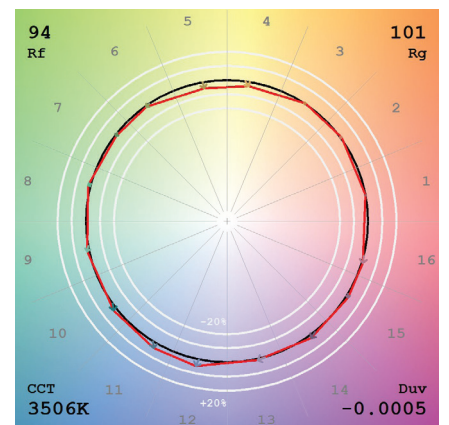
## 3200K (TruColor™ RGBTW)

View Angle: 2 Deg



## 3500K (TruColor™ RGBTW)

View Angle: 2 Deg



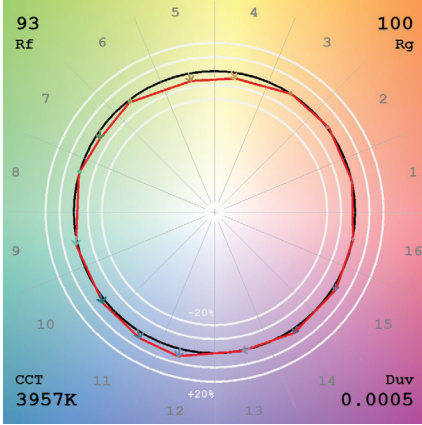
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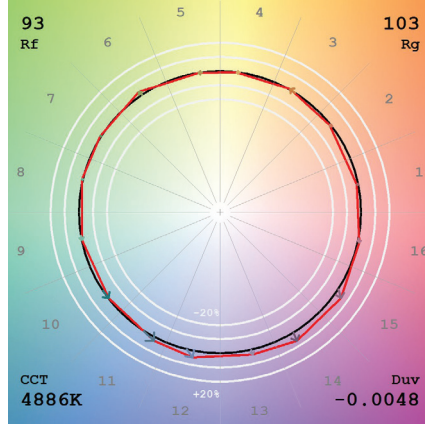
## 4000K (TruColor™ RGBTW)

View Angle: 2 Deg



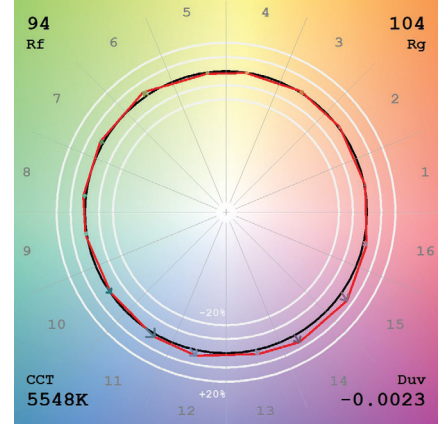
## 4500K (TruColor™ RGBTW)

View Angle: 2 Deg



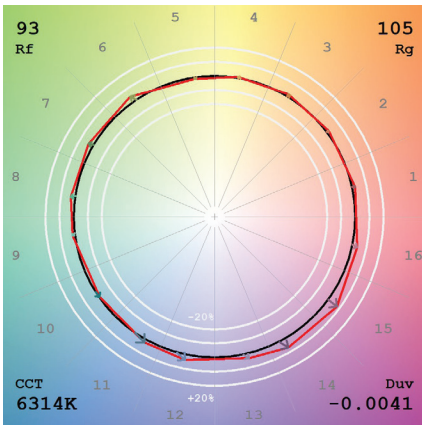
## 5000K (TruColor™ RGBTW)

View Angle: 2 Deg



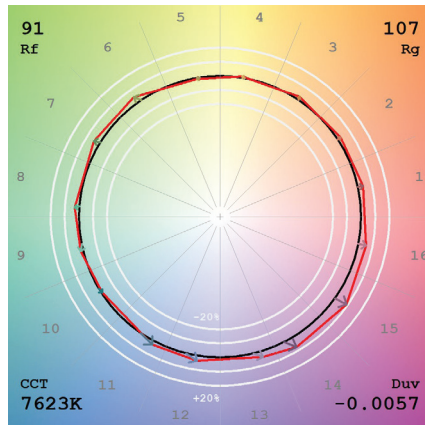
## 5500K (TruColor™ RGBTW)

View Angle: 2 Deg



## 6000K (TruColor™ RGBTW)

View Angle: 2 Deg



## 6500K (TruColor™ RGBTW)

View Angle: 2 Deg

