

T24 TUBO LARGE WALL WASH TRACK HEAD RGBTW

24VDC INTEGRATED LED, WI-FI ENABLED

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

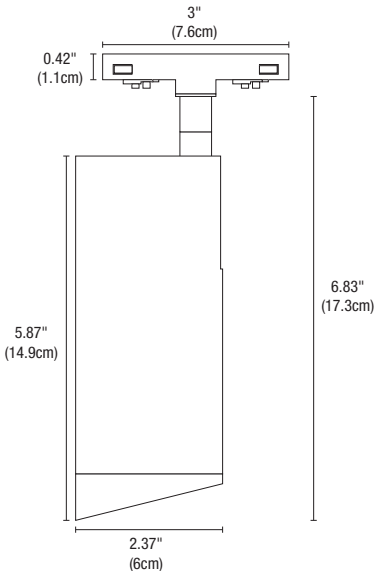
REV 04.25.25



T24-TU2L-WW-WZ-TC-PW



T24-TU2L-WW-WZ-TC-BK



DESCRIPTION

The Tubo Large Wall Wash is a 24VDC track head with 12 Watt and 17 Watt options, with integral LED and featuring an asymmetric optic. The cylindrical flat-back design houses the heat-sink, LED module, and integrated driver offering 360° horizontal rotation and 90° vertical aiming. The low voltage track connector is compatible with TR24 Single Circuit Recessed Track, Dual Source Recessed Track with integrated LED, TS24 Surface Track as well as Pipeline Track. The minimal design of the Tubo Track Head offers maximum illumination and efficiency within a small package. Fixture includes a 5 year pro-rated warranty. For custom designs and layout assistance, email our design team design@PureEdgeLighting.com.

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 92+ and a Duv of +/-0.0020 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.

The integrated WiZ Pro smart driver allows for user friendly installation, simple programming, and intuitive feature rich controls with the WiZ Pro Software Suite. The WiZ app, WiZ Pro Dashboard, Pure Smart Wall Controls, and voice control through integration with most popular virtual assistants, allow the user to execute dimming, CCT control, grouping/zoning, and access to many static and dynamic light modes from anywhere inside or outside the home or office. The options for scheduling and automation within the WiZ platform increase energy efficiency and help to support a healthy circadian rhythm. 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:

711 Lumens at 3000K

CRI:

95 CRI at 3000K

EFFICACY:

45 lumens per watt at 3000K

MOUNTING OPTIONS

PureEdge T24 Track Heads are compatible with Single Circuit and Dual Source TruTrack® (TR24-1C & TR24-DS), Surface Mount Track (TS24), as well as Pipeline Track (PLST, P1CTR Surface, P1STR Suspension).

REMOTE POWER SUPPLIES, DIMMERS & CONTROLS (SOLD SEPARATELY)

24VDC, Class 2 wiring

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

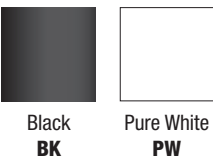
APPLICATIONS

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



System	Fixture	Wattage	Beam Spread Lens	Control	Color Temperature	Finish
T24	TU2L	12W	WW	WZ	TC	BK
T24 Track Head 24V	TU2L Tubo Large 2	12W 12 Watts 17W 17 Watts	WW Wall Wash	WZ WiZ Smart Control	TC TruColor™ RGBTW Red, Green, Blue & Tunable White 1500K- 6500K	BK Black Powder Coat PW Pure White Powder Coat RAL 9016

PROJECT		FIXTURE TYPE		DATE	
---------	--	--------------	--	------	--

T24 TUBO LARGE WALL WASH TRACK HEAD RGBTW

24VDC INTEGRATED LED, WI-FI ENABLED

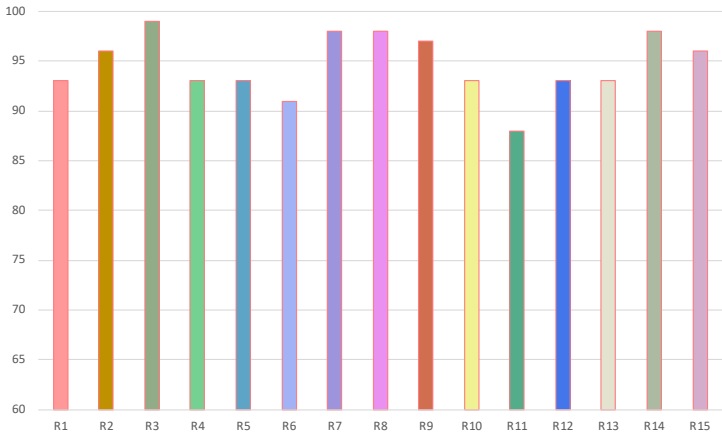
REV 04.25.25

NOMINAL DELIVERED LUMENS

WATTS PER FOOT	12W								
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K	57K	65K
LUMENS PER FOOT (lm/ft)	249	259	284	334	375	413	421	333	276
LUMENS PER WATT (lm/w)	24	25	27	29	31	34	36	33	31
CRI	87	88	90	93	95	97	97	94	92
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/FOOT	10.2	10.5	10.7	11.5	12	12.1	11.8	10	8.9

WATTS PER FOOT	17W								
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K	57K	65K
LUMENS	465	482	538	632	711	784	857	731	606
LUMENS PER WATT (lm/w)	34	35	39	41	45	49	51	52	46
CRI	87	88	90	93	95	97	97	94	92
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/FOOT	13.5	13.8	13.8	15.6	15.9	16.1	16.9	14.1	13.2

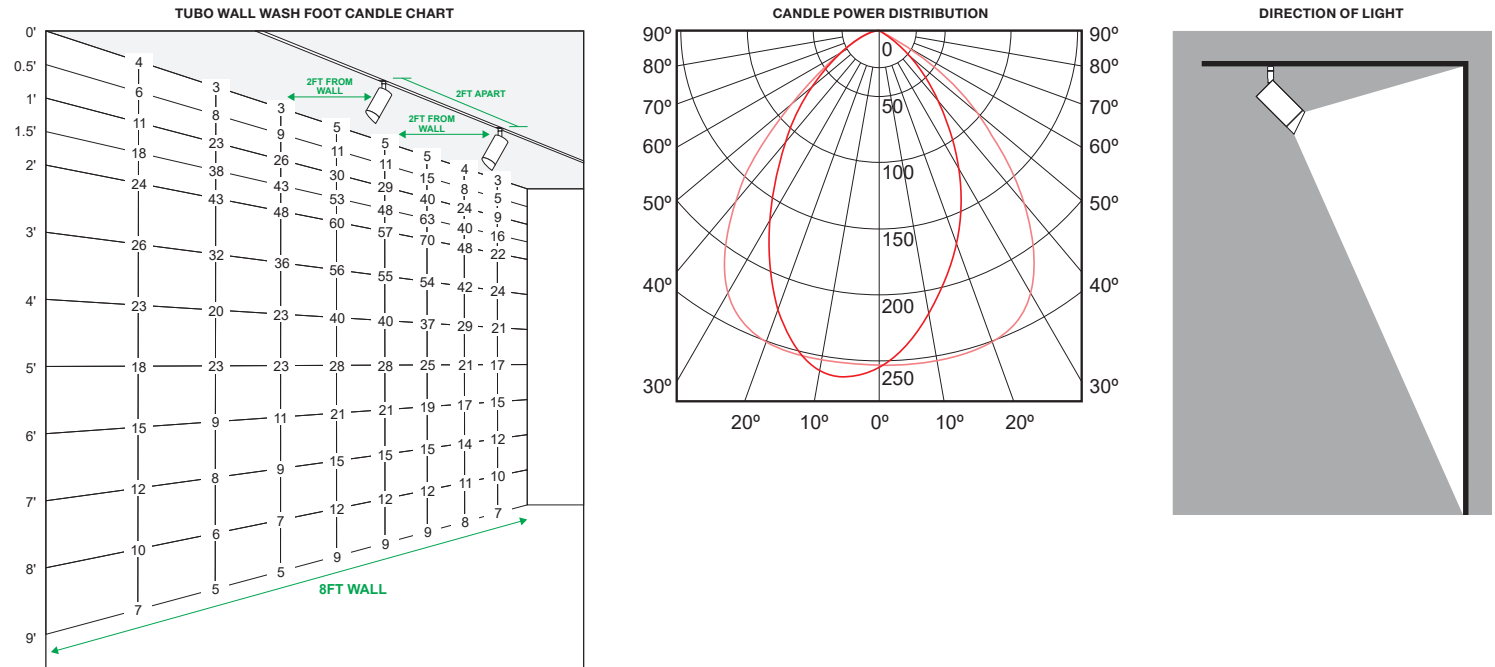
R1-R15 CRI CHART @ 3000K CRI 96+



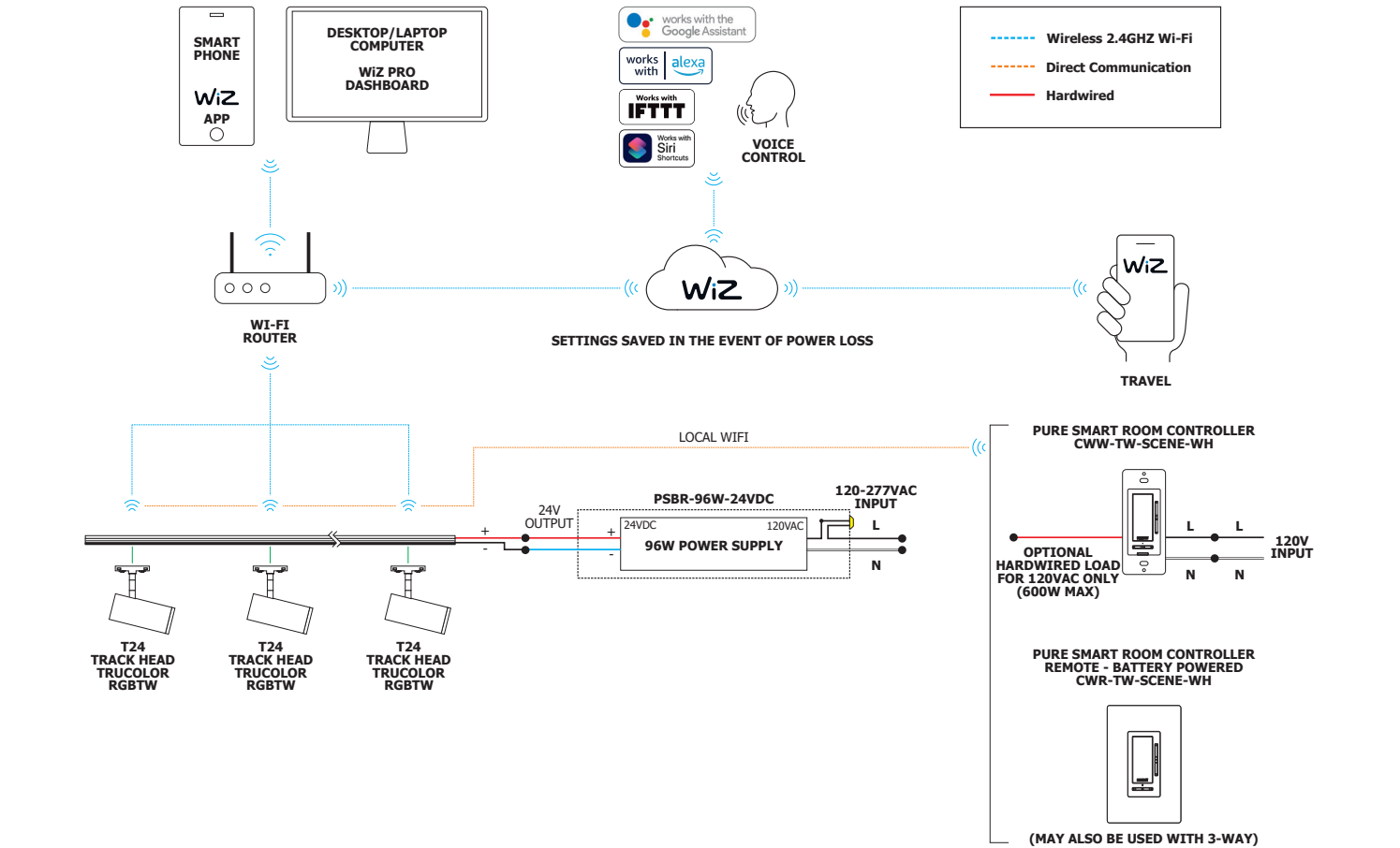
T24 TUBO LARGE WALL WASH TRACK HEAD RGBTW

24VDC INTEGRATED LED, WI-FI ENABLED

TUBO LARGE WALL WASH Photometric Data at 3000K



NETWORK TOPOLOGY



PROJECT		FIXTURE TYPE		DATE	
---------	--	--------------	--	------	--

PURE SMART™ SWITCH MODULE

CONTACT CLOSURE INTERFACE FOR WIZ INTEGRATION IN HOME AUTOMATION SYSTEMS

ASSEMBLED IN AMERICA

REV 04.25.25



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

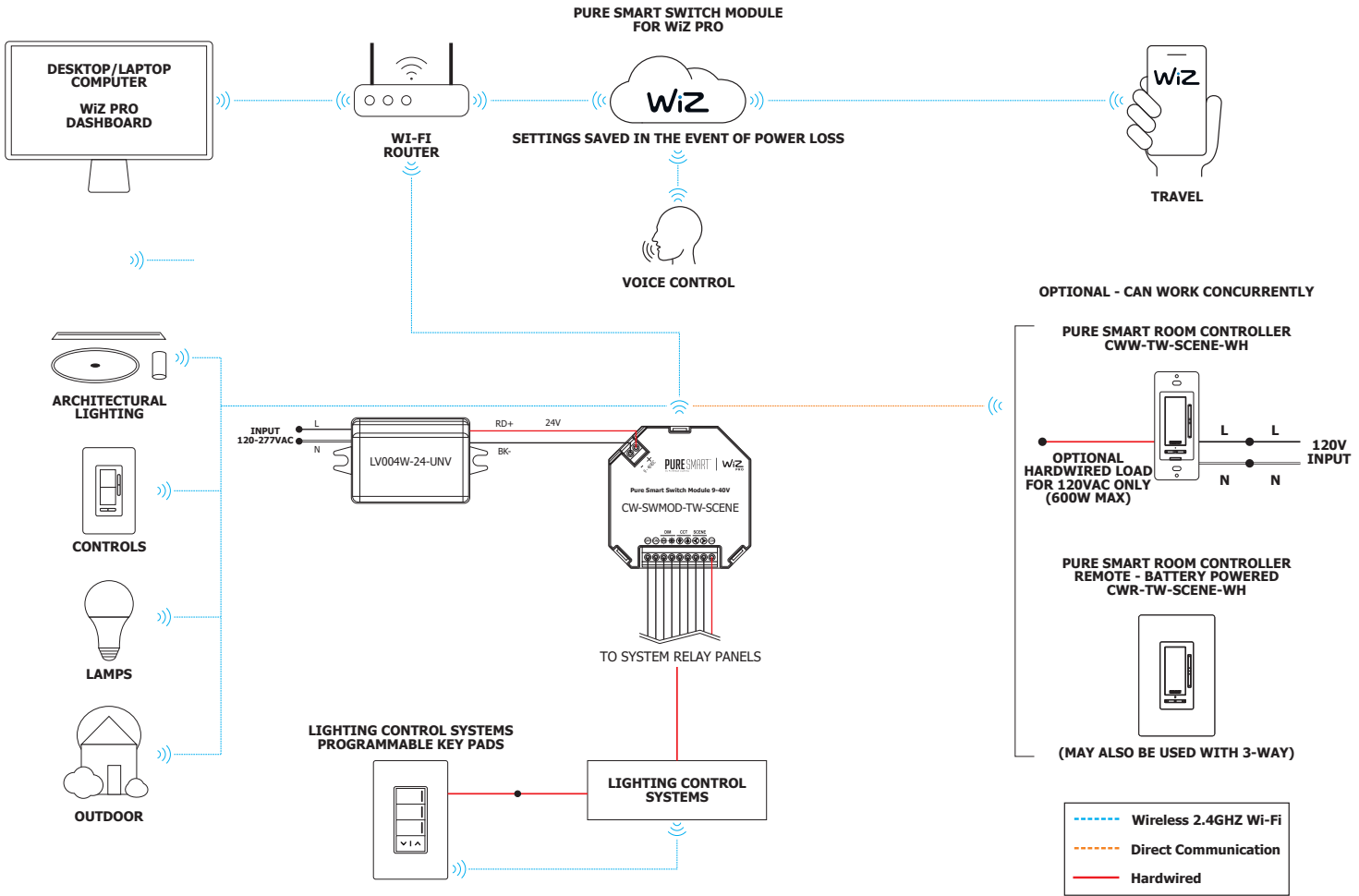
CONTACT/WIRE/TERMINAL	DEFINITION	REMARK
DC (+)	DC Input Plus Terminal	SELV Input
DC (-)	DC Input Negative Terminal	SELV Input
1	Off	Off
2	On	On
3	-	Dim Down
4	+	Dim Up
5	CCT -	CCT Down
6	CCT +	CCT Up
7	Prev	Previous Scene
8	Next	Next Scene
9	COM	Common Terminal

PROJECT		FIXTURE TYPE		DATE	
---------	--	--------------	--	------	--

T24 TUBO LARGE WALL WASH TRACK HEAD RGBTW

24VDC INTEGRATED LED, WI-FI ENABLED

WIRING & NETWORK TOPOGRAPHY



PROJECT		FIXTURE TYPE		DATE	
---------	--	--------------	--	------	--



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

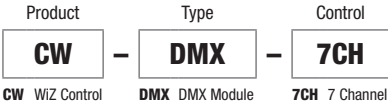
50,000 hours

INSTALLATION

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

CONNECTIVITY

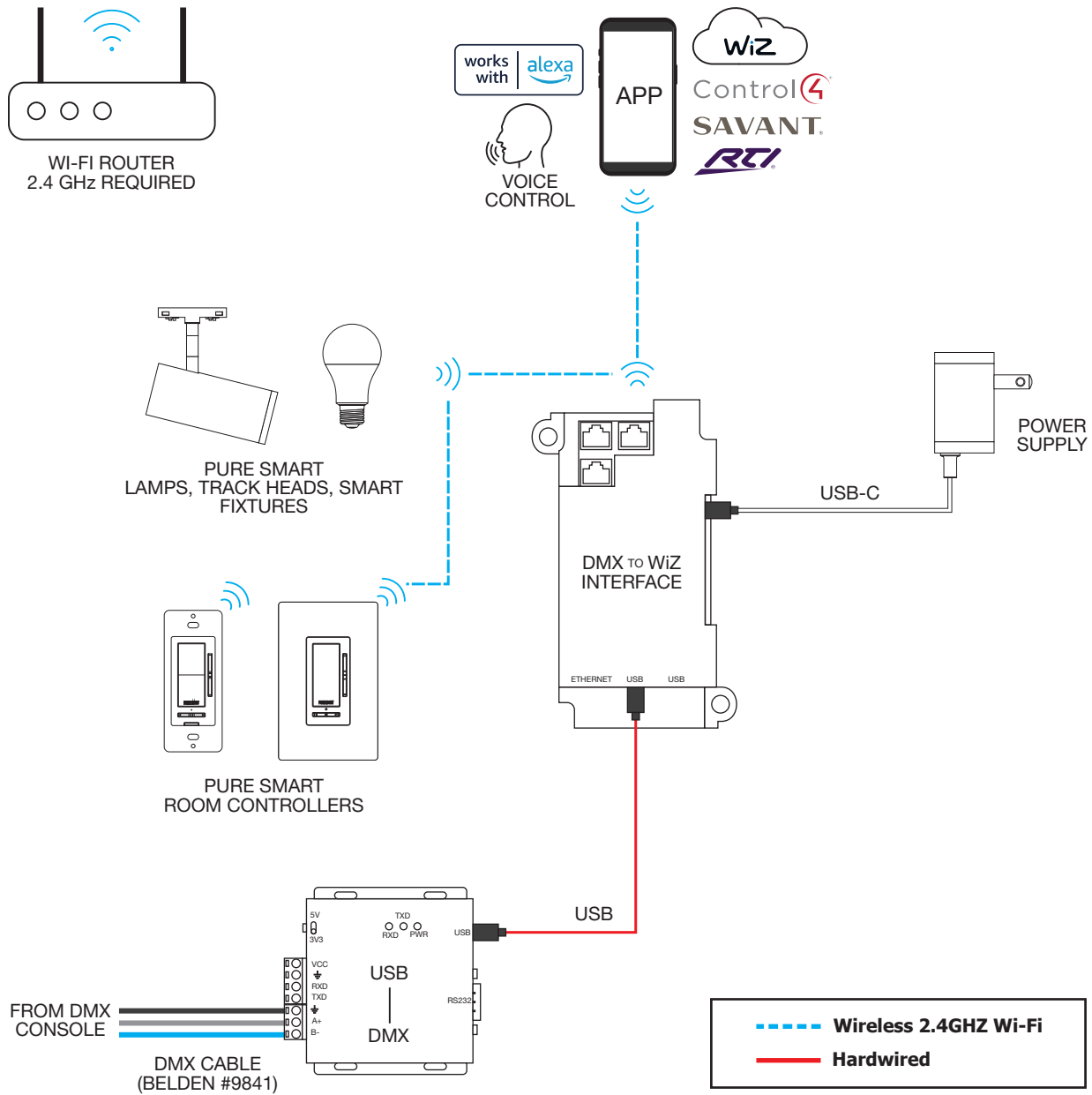
Ethernet, Wifi 802.11 a/b/g/n, DMX512 - up to 512 channels, WiZ bulbs - up to 1000 bulbs



T24 TUBO LARGE WALL WASH TRACK HEAD RGBTW

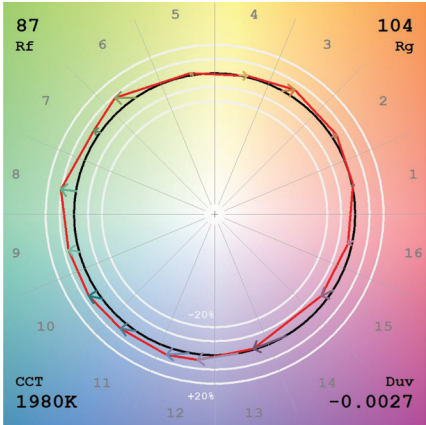
24VDC INTEGRATED LED, WI-FI ENABLED

WIRING & NETWORK TOPOGRAPHY

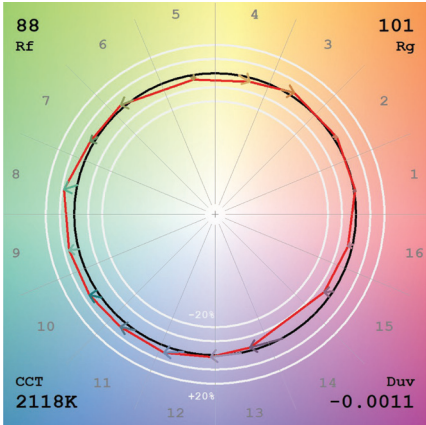


TM-30-15 DATA: The data below is for Tubo Large Wall Wash TruColor™ RGBTW Track Heads.

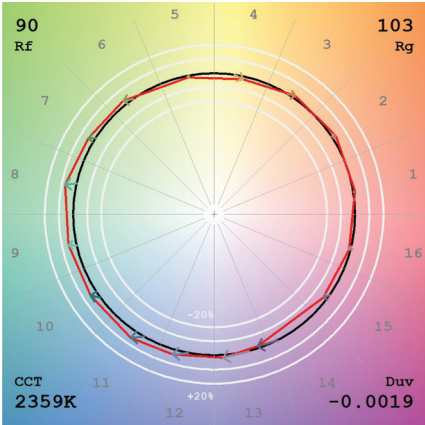
2000K (TruColor™ RGBTW)
 View Angle: 2 Deg



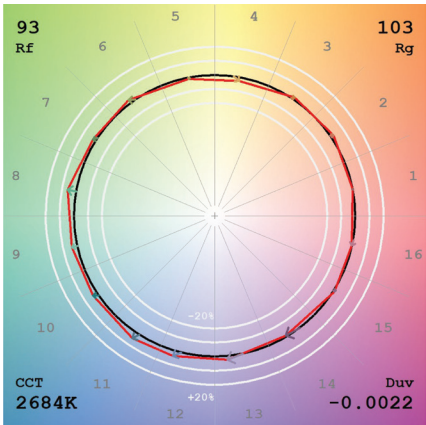
2200K (TruColor™ RGBTW)
 View Angle: 2 Deg



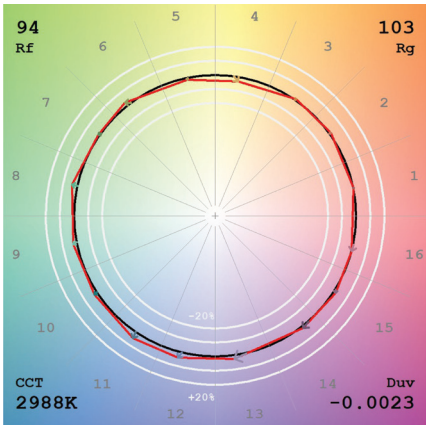
2400K (TruColor™ RGBTW)
 View Angle: 2 Deg



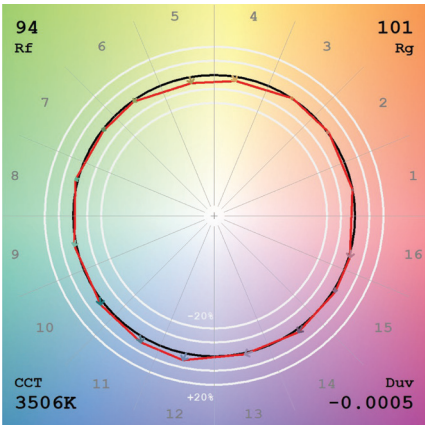
2700K (TruColor™ RGBTW)
 View Angle: 2 Deg



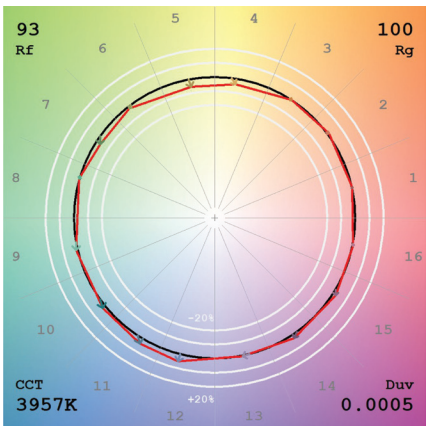
3000K (TruColor™ RGBTW)
 View Angle: 2 Deg



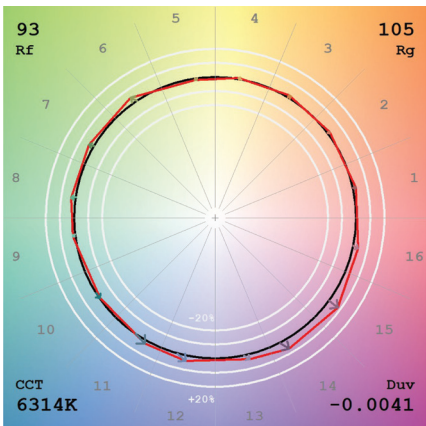
3500K (TruColor™ RGBTW)
 View Angle: 2 Deg



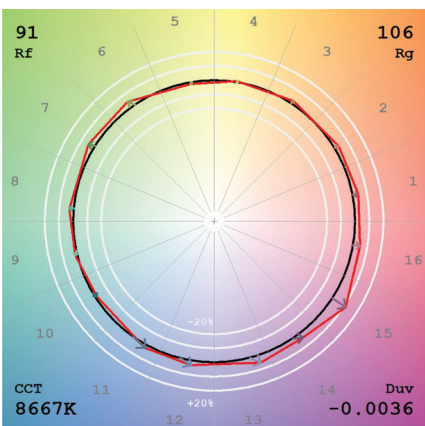
4000K (TruColor™ RGBTW)
 View Angle: 2 Deg



5700K (TruColor™ RGBTW)
 View Angle: 2 Deg



6500K (TruColor™ RGBTW)
 View Angle: 2 Deg



PROJECT		FIXTURE TYPE		DATE	
---------	--	--------------	--	------	--