

PURE SMART DISK 12 INCH TRUCOLOR™ RGBTW

120V, 18 WATT WI-FI ENABLED CEILING FLUSH/WALL MOUNT FIXTURE



DESCRIPTION

Pure Smart Disk is a Wi-Fi enabled, 12-inch round ceiling flush mount. The integral, 18-watt 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. 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 $\pm .0028$ 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 App.

- Controls - Easily control from anywhere with the WiZ app or with the WiZ Pro Dashboard on your computer. At home, experience the convenience of voice control with Alexa or Google Home. Take control to the next level by utilizing the available Pure Smart wall controls.
- Wall Controller - On/Off, Dimming, CCT selection, and scene control. Must use Pure Smart **CWW-TW-SCENE-WH** wall controller or Wall/Table Battery Remote Controller **CWR-TW-SCENE-WH** (Sold Separately).
- WiZ SpaceSense™ - Wi-Fi sensing technology that detects motion from disruptions in the Wi-Fi signal and triggers the lights to turn on or off when you enter or exit the room.
- Schedule & Automation - Customizable schedules, circadian rhythm, vacation mode, energy monitoring, and predictive maintenance.
- Wi-Fi/Bluetooth - Easily setup over Wi-Fi or Bluetooth. No hub required.
- Title 24 Compliances - Meets Title 24 regulations and standards for efficiency. Suitable for use in California.
- 3rd party log-in and cloud security provide a safe and protected connection. WiZ does not store nor share any personal information.

For custom quotes and layout assistance, send your drawings and ideas to our design team: design@PureEdgeLighting.com.

SPECIFICATIONS

APP	WiZ Mobile App
WI-FI/BLUETOOTH	Easily setup over Wi-Fi or Bluetooth. No hub required. 2.4GHz 802.11b/g/n WPA3 Personal
WATTAGE	18 Watts Average - Up to 20 Watts
INPUT VOLTAGE	120 Volt
FREQUENCY	60 Hz
COLOR TEMPERATURE	RGBTW: Red, Blue, Green, Tunable White from 1500K-6500K
LUMENS	1625 lumens at 3000K
CRI	93+ CRI at 3000K
EFFICACY	84 lumens per watt at 3000K
DUV	-0.0019 average across 2000K-5500K
RF	89 average across 2000K-5500K
RG	101 average across 2000K-5500K
R9	57 average across 2000K-5500K
SCHEDULES & AUTOMATION	Customizable schedules, circadian rhythm, vacation mode, energy monitoring, and predictive maintenance
LOCATION	Indoor, damp location.
MATERIAL	Polycarbonate
OPTICAL	120 degrees through a frosted lens
L70 LIFESPAN	30,000 Hours
TITLE 24 COMPLIANCE	Meets Title 24 regulations and standards for efficiency. Suitable for use in California
WARRANTY	3 years/30,000 hours

SMART DIMMING & CONTROLS (SOLD SEPARATELY)

- [Pure Smart™ 5 Channel Wi-Fi Controller](#)
- [Pure Smart™ Battery Remote Wi-Fi Controller](#)

Features an ON/OFF buttons, CCT and brightness control rockers, and preset scene selections. Wi-Fi, 2.4 GHz.

APPLICATIONS

Applications, indoor for residential, commercial, retail, and hospitality.

Product	Type	Wattage	System	Power	Color Temperature	Finish
DK	12R	18W	WZ	120V	TC	WH
DK Disk Ceiling or Wall Mount	12R 12 Inch Round	18W 18 Watts	WZ WiZ	120V 120 Volt	TC TruColor™ RGB & Tunable White (1500K-6500K)	WH White

PROJECT		FIXTURE TYPE		DATE	
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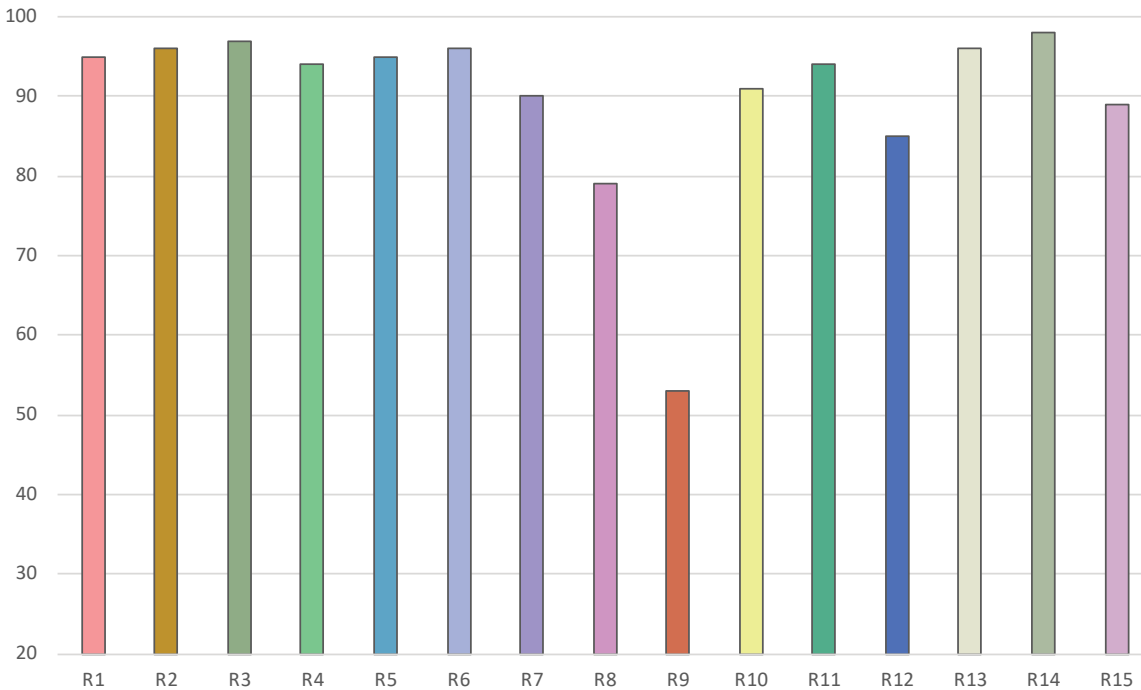
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NOMINAL DELIVERED LUMENS

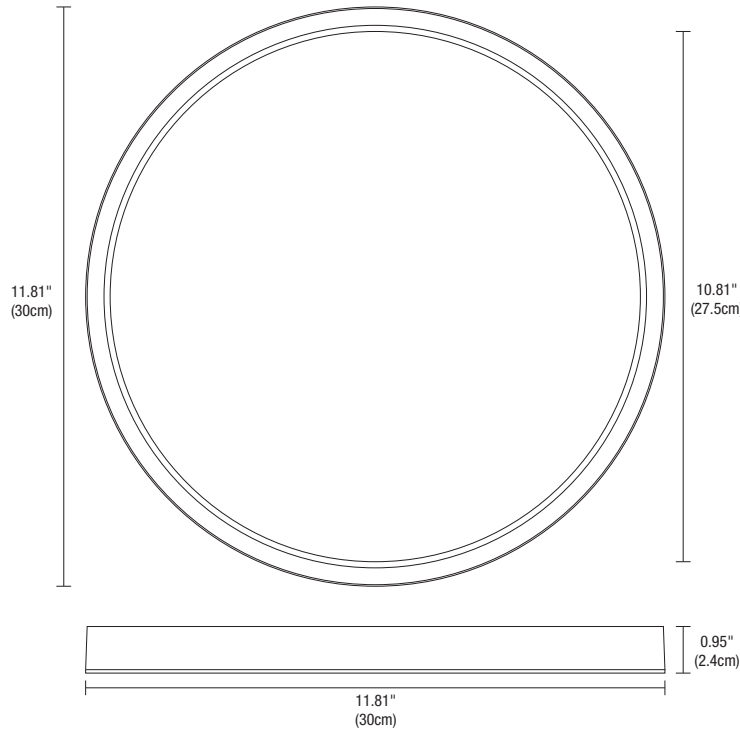
DESCRIPTION	DISK								
	18W AVERAGE - UP TO 20W								
	20K	22K	24K	27K	30K	35K	40K	57K	65K
WATTS									
COLOR TEMPERATURE									
LUMENS (lm)	768	1449	1512	1575	1626	1676	1900	1129	825
LUMENS PER WATT (lm/w)	67	73	77	82	85	88	105	73	72
CRI	95	87	90	93	96	96	94	97	94
Duv	-0.0006	-0.0003	-0.0021	-0.0028	-0.0032	-0.0015	-0.0003	-0.0002	-0.0004
Rf	88	85	86	88	89	91	90	93	93
Rg	98	97	100	102	103	102	100	103	103
R9	47	25	35	44	53	60	50	81	93
R13	95	87	90	93	96	96	94	97	94
R15	85	77	81	85	89	91	88	99	95
WATTS	11.4	19.8	19.6	19.3	19.2	19	18.1	15.4	11.5

R1-R15 CRI CHART @ 3000K CRI 96+

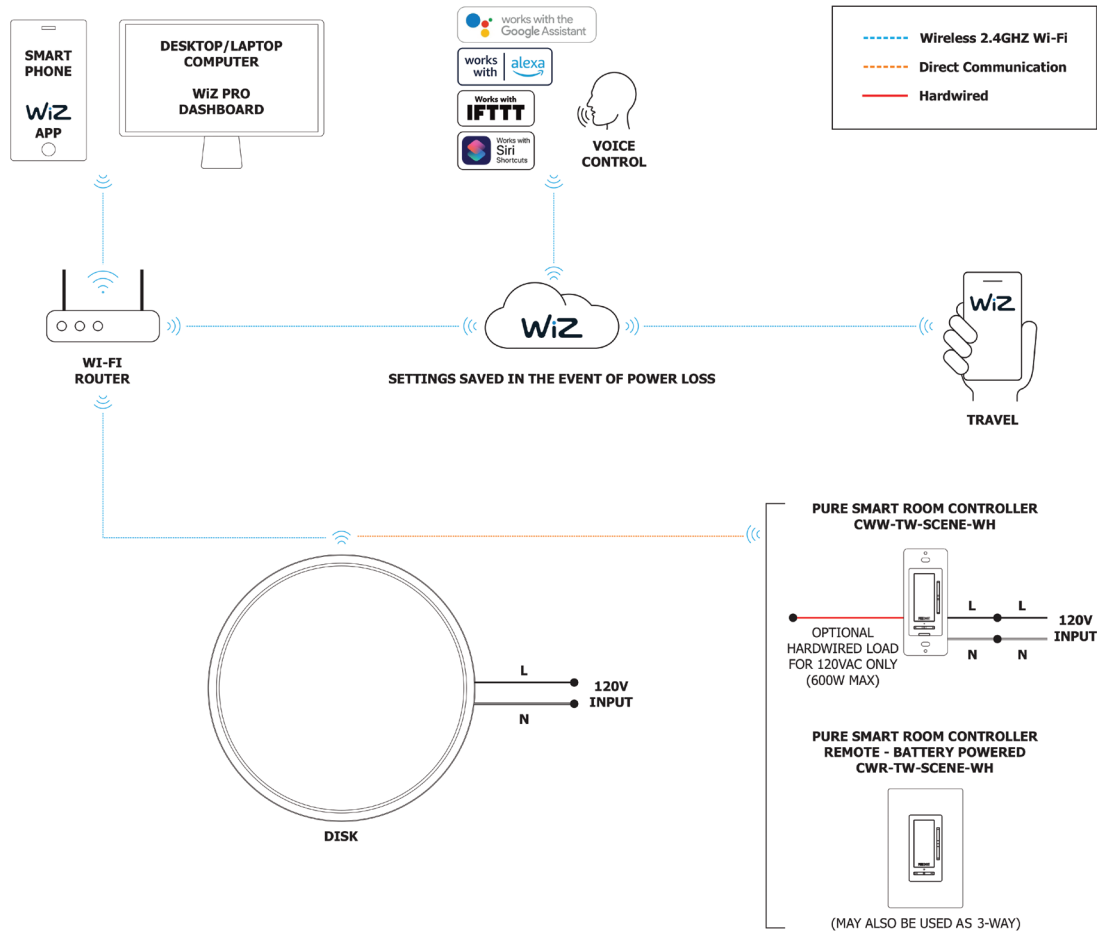


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NETWORK TOPOLOGY



PROJECT		FIXTURE TYPE		DATE	
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