PURE SMART TRUCOLOR™ A21-E26-13W-RGBTW

120V, 13 WATT, WI-FI ENABLED SMART LAMP

REV 04.03.25

DESCRIPTION

The Pure Smart Wi-Fi enabled A21 smart lamp uses TruColor™ RGBTW Technology – With 5 channels (Red, Green, and Blue + Tunable White) of proprietary color mixing we create over 16 million vivid saturated colors and pastels along with 85,000 tunable white tones. Promote a healthy Circadian rhythm and experience the beauty of natural white in its purest form. Tunable White ranges from 1500K-6500K. TruColor™ RGBTW4K delivers a tunable range from 2000K to 4000K, allowing for greater fine-tuning of warm white tones using the Pure Smart room controller or remote. Bring out the best of your world by saturating it in 97 CRI light with TruColor™ Technology. Dial in just the right ambiance for any occasion just by changing the preset color mode. Harness the beauty of the sunset and paint your living room with the amber glow of the golden hour. Experience life in TruColor™.

- 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. *Not compatible with mesh networks.
- 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 20 Compliances - Meets Title 20 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 .

DIMMING & CONTROLS (SOLD SEPARATELY)

- Home Integration Solutions
- 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.

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
BULB SHAPE	A21
BASE TYPE	E26
WATTAGE	13 Watts
WATTAGE EQUIVALENCY	100 watt Incandescent
INPUT VOLTAGE	120 Volt
FREQUENCY	60 Hz
COLOR TEMPERATURE	• **RGBTW**: Red, Blue, Green, Tunable White from 1500K-6500K • **RGBTW4K**: Red, Blue, Green, Tunable White from 2000K-4000K
LUMENS	1262 Lumens at 3000K
CRI	97 CRI at 3000K
EFFICACY	107 lumens per watt at 3000K
DUV	.00028 average across 2000K-5500K
RF	91.8 average across 2000K-5500K
RG	102 average across 2000K-5500K
R9	92 average across 2000K-5500K
SCHEDULES & AUTOMATION	Customizable schedules, circadian rhythm, vacation mode, energy monitoring, and predictive maintenance
LOCATION	Indoor, damp location. Suitable for use in enclosed and open fixtures
MATERIAL	Polycarbonate
OPTICAL	320 degrees through a frosted lens
L70 LIFESPAN	30,000 Hours
TITLE 20 COMPLIANCE	Meets Title 20 regulations and standards for efficiency. Suitable for use in California
WARRANTY	3 years/30,000 hours

APPLICATIONS

Ideal applications in residential, commercial, retail, and hospitality environments. For use with E26 Medium Base Sockets.

Product		Base/Voltage		Wattage		Color Temperature
A21	–	**E26**	–	**13W**	–	**RGBTW**
A19 A19 Smart Bulb		**E26** E26 Base		**13W** 13 Watts		**RGBTW** Red, Blue, Green, Tunable White from 1500K-6500K **RGBTW4K** Red, Blue, Green, Tunable White from 2000K-4000K

PROJECT		FIXTURE TYPE		DATE	

TM30 DATA

120V, 13 WATT, WI-FI ENABLED SMART LAMP

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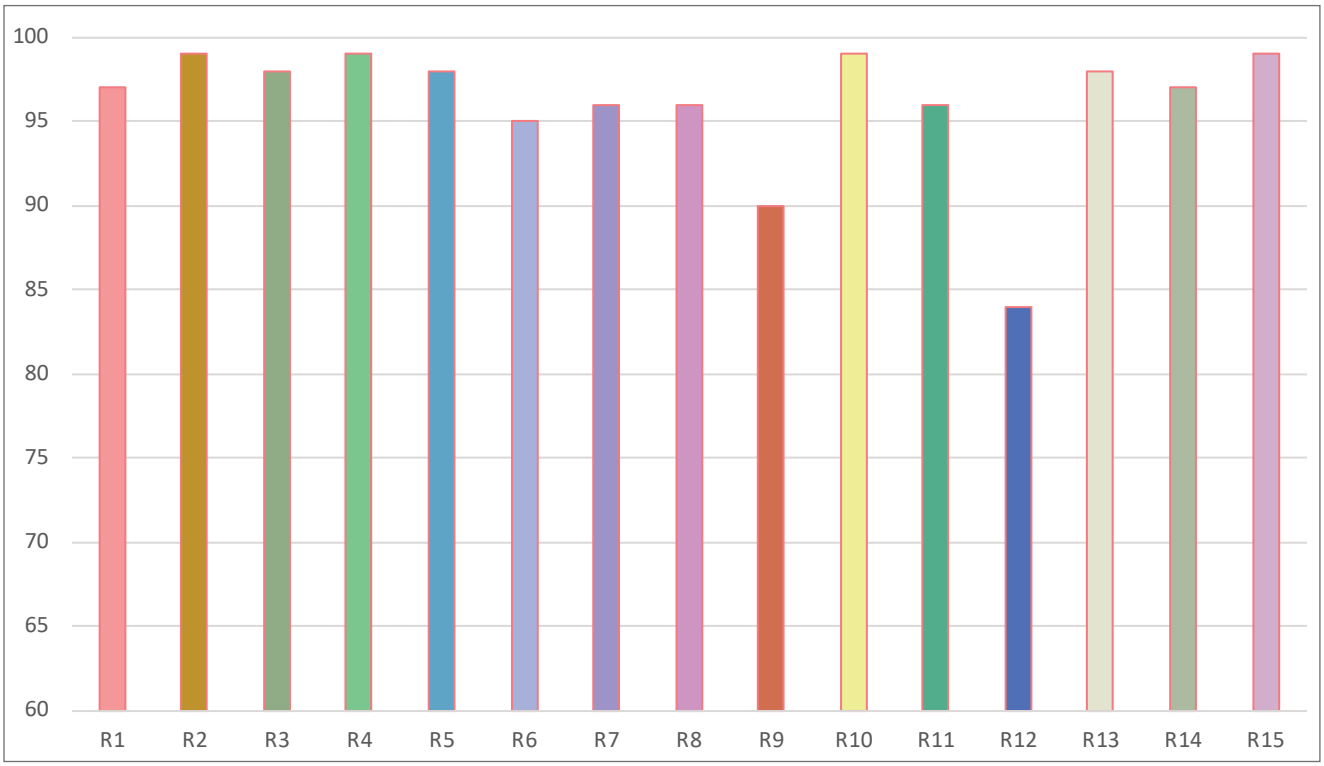
NOMINAL LAMP DATA

DESCRIPTION	**A21 LAMP**								
WATTS	**13W**								
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K	57K	65K
LUMENS (lm)	553	623	817	1029	1262	1436	1609	1321	1122
LUMENS PER WATT (lm/w)	56	62	76	91	107	122	135	121	109
CRI	94	92	95	96	97	98	97	96	94
Duv	0.0003	0.0015	-0.0003	-0.0011	-0.0017	-0.0004	-0.0008	-0.0042	-0.0037
Rf	91	89	94	94	94	93	92	92	92
Rg	98	97	101	102	102	101	100	104	104
R9	93	97	94	93	90	92	90	91	80
R13	92	91	94	96	98	98	99	95	94
R15	99	96	98	99	99	98	97	93	90
WATTS	9.9	10.1	10.8	11.3	11.8	11.8	11.9	10.9	10.3

R1-R15 CRI CHART @ 3000K 97 CRI



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TM30 DATA

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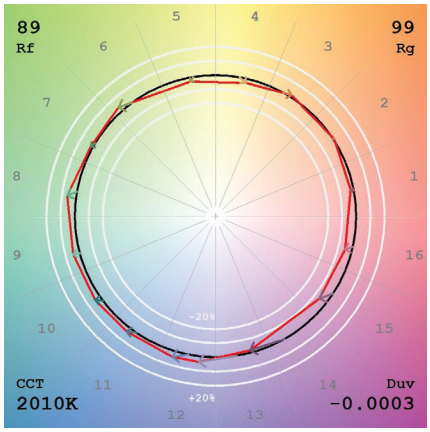
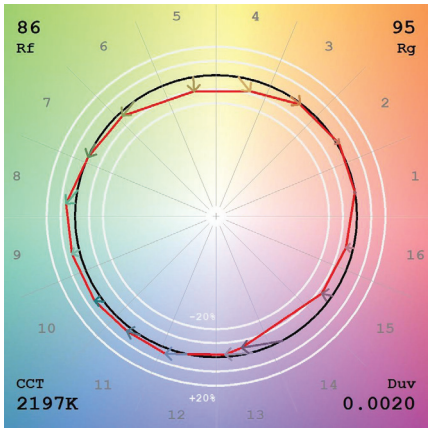
TM-30-15 DATA: The data below is for Pure Smart TruColor™ RGBTW Lamps.

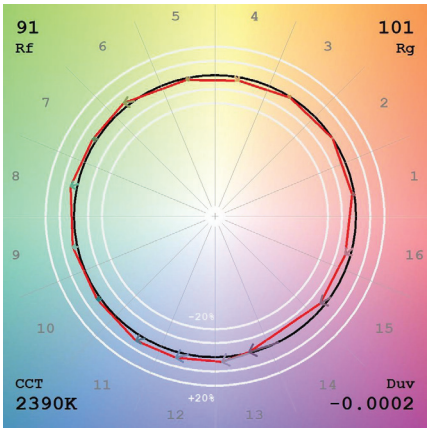
2000K (TruColor™ RGBTW)
View Angle: 2 Deg



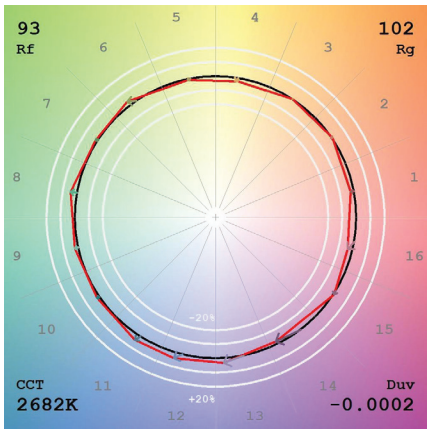
2200K (TruColor™ RGBTW)
View Angle: 2 Deg



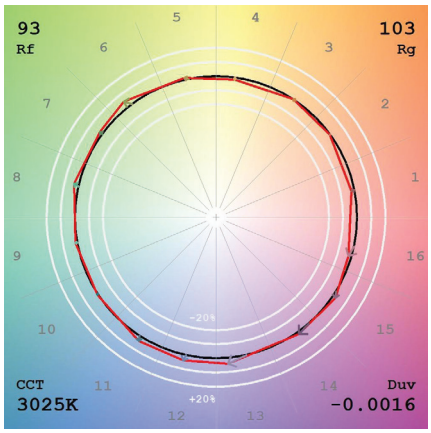
2400K (TruColor™ RGBTW)
View Angle: 2 Deg



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



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



3500K (TruColor™ RGBTW)
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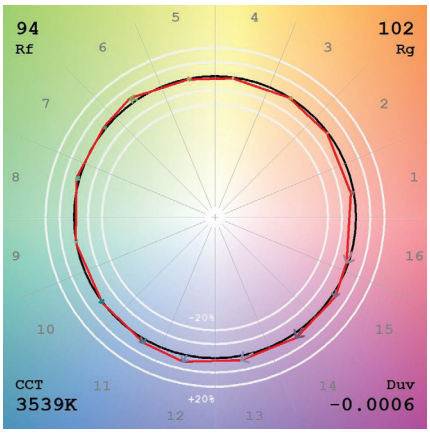

4000K (TruColor™ RGBTW)
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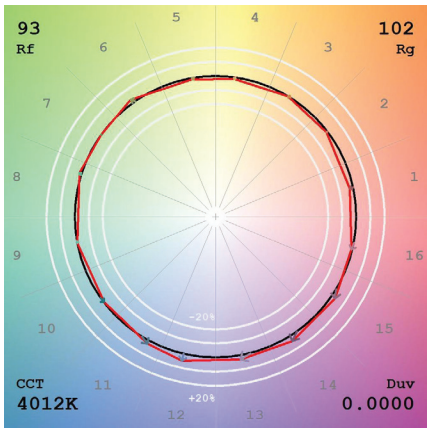
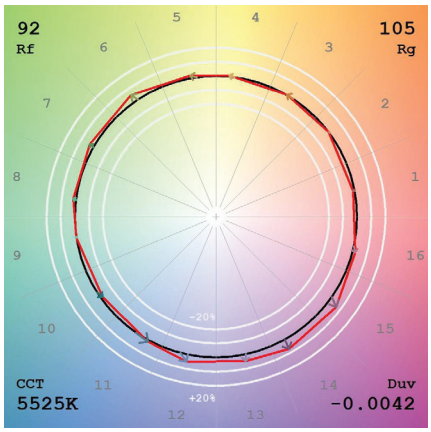
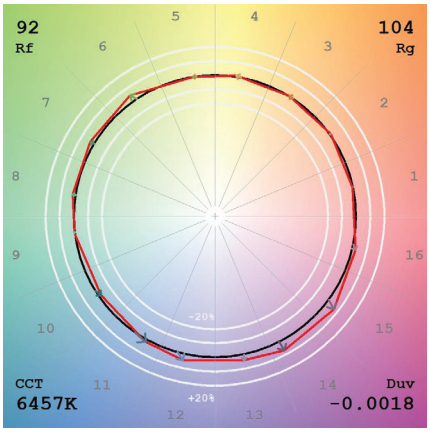


5700K (TruColor™ RGBTW)
View Angle: 2 Deg



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



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