

Cync Direct Connect Dynamic Effects Light Bulbs Specifications



Device

Bulb Image



Bulb Name	Direct Connect Full Color Dynamic Effects A19 Light Bulb	Direct Connect Full Color Dynamic Effects BR30 Light Bulb
Lamp Description	CLEDA199CDEN@	CLEDR309CDEN@
Input Voltage	120V	120V
Lumens (Brightness)	800	750
Lumens per Watt	>84	>78
CRI	>90	>90
Lamp Equivalence	60W	65W
Life (Hours)	15,000	15,000
Line Frequency	60Hz	60Hz
CCT Range	2000K - 7000K	2000K - 7000K
Color Range	16 Million Colors	16 Million Colors

Hardware

Operating Temperature	-4°F to 104°F (-20°C to 40°C)	-4°F to 104°F (-20°C to 40°C)
Base Type	E26	E26
Bulb Shape	A19	BR30
MOL	4.60 in (117 mm)	5.24 in (133 mm)
MOD	2.40 in (61 mm)	3.74 in (95mm)
Weight	0.20 lbs (90g)	0.26 lbs (120g)
Burn Position	Universal	Universal
Environmental (Wet, Dry, Damp)	Damp	Damp
Indoor/Outdoor	Indoor	Indoor

Electrical

Start Time	<0.5s	<0.5s
Standby Power	<0.2W	<0.2W
Power Factor	>0.7 at 2700K	>0.7 at 2700K
Power	9.5W	9.5W
Flickering Percentage	<30% @ 20% and 100% dimming @ default CCT	<30% @ 20% and 100% dimming @ default CCT
Short Term Flicker Perceptibility (PST)	<0.7 @ 10% dimming level	<0.7 @ 10% dimming level
Stroboscopic Visibility Measure (SVM)	<1 @ 10% dimming level	<1 @ 10% dimming level
Audible Noise	20dB @ 30cm	20dB @ 30cm

Controls

	Direct Connect Full Color Dynamic Effects A19 Light Bulb	Direct Connect Full Color Dynamic Effects BR30 Light Bulb
Dimmable	Yes	Yes
Dimmer Type	Dimmable though Cync App, Cync Remotes and Cync Dimmers	Dimmable though Cync App, Cync Remotes and Cync Dimmers
Tunable	Yes	Yes
Light Shows	Yes	Yes
Music Sync	Yes	Yes
Wireless	Yes	Yes
Wireless Protocol	Wi-Fi (2.4 GHz) and BLE	Wi-Fi (2.4 GHz) and BLE
Mobile Compatibility	Works with iOS 13 and above and Android 9 and above	Works with iOS 13 and above and Android 9 and above
Voice Assistant Compatibility	Works with Google Home and Amazon Alexa	Works with Google Home and Amazon Alexa

Reliability and Warranty

Warranty	3 Years	3 Years
Warranty Operating Conditions	Voltage: 120Vac/60hz; Temperature: -4°F to 104°F (-20°C to 40°C); Relative Humidity: < 88% 32°C	Voltage: 120Vac/60hz; Temperature: -4°F to 104°F (-20°C to 40°C); Relative Humidity: < 88% 32°C

Certifications

FCC ID	PUU-A19-DMEN	PUU-BR30-DMEN
IC ID	10798A-DMENA19	10798A-DMENBR30
Safety Listing	UL 1993 and cUL	UL 1993 and cUL
Lighting Facts	Yes	Yes
CEC Certification	Title 20	Title 20