

Cync Direct Connect Light Bulbs Specifications



Device

Bulb Image						
Bulb Name	Direct Connect Full Color A19 Light Bulb	Direct Connect Full Color BR30 Light Bulb	Direct Connect Tunable White A19 Light Bulb	Direct Connect Tunable White BR30 Light Bulb	Direct Connect Full Color PAR38 Light Bulb	Direct Connect Soft White A19 Light Bulb
Lamp Description (Single Chip)	CLEDA199CD1	CLEDR309CD1	CLEDA199SD1	CLEDR309SD1	CLEDP3815CD1	CLEDA199LD1
Lamp Description (Dual Mode)	CLEDA199CD1	CLEDR309CD1	CLEDR309SD1	CLEDR309CD1	CLEDP3815CD1	CLEDA199LD1
Input Voltage	120V	120V	120V	120V	120V	120V
Lumens (Brightness)	800	750	800	800	1300	800
Lumens per Watt	>85	>80	84	80	>80	84
CRI	>90	>90	>90	>90	>90	>90
Lamp Equivalence	60W	65W	60W	65W	90W	60W
Life (Hours)	15,000	15,000	15,000	15,000	25,000	15,000
Line Frequency	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz
CCT Range	2000K - 7000K	2000K - 7000K	2000K - 7000K	2000K - 7000K	2000K - 7000K	2700K
Color Range	16 Million Colors	16 Million Colors	Tunable White (Calm 2000K - Bright 7000K)	Tunable White (Calm 2000K - Bright 7000K)	16 Million Colors	Soft White (2700K)
Discharge Angle	230°	116°	230°	116°	35°	230°

Hardware

Operating Temperature	-4°F to 104°F (-20°C to 40°C)					
Base Type	E26	E26	E26	E26	E26	E26
Bulb Shape	A19	BR30	A19	BR30	PAR	A19
MOL	2.375in (114mm)	5.16in (131mm)	2.375in (114mm)	5.16in (131mm)	5.28in (134mm)	2.375in (114mm)
MOD	2.36in (60mm)	3.70in (94mm)	2.36in (60mm)	3.70in (94mm)	4.86in (123.5mm)	2.36in (60mm)
Weight	0.30lbs (138g)	0.26lbs (118g)	0.17lbs (75g)	0.22lbs (100g)	0.57lbs (260g)	0.14lbs (65g)
Burn Position	Universal	Universal	Universal	Universal	Universal	Universal
Environmental (Wet, Dry, Damp)	Damp	Damp	Damp	Damp	Wet	Damp
Indoor/Outdoor	Indoor	Indoor	Indoor	Indoor	Outdoor	Indoor

Electrical

Start Time	<1s	<1s	<1s	<1s	<1s	<1s
Standby Power	<0.2W	<0.2W	<0.2W	<0.2W	<0.2W	<0.2W
Power Factor	>0.7 at default color	>0.7 at default color	>0.7 at default color	>0.7 at default color	>0.7 at default color	>0.9
Power	9.5W	9.5W	9.5W	10W	14.5W	9.5W
Flickering Percentage	<30% @ 20% and 100% dimming @ default CCT	<30% @ 20% and 100% dimming @ default CCT	<30% @ 20% and 100% dimming	<30% @ 20% and 100% dimming	<30% @ 20% and 100% dimming @ default CCT	<30% @ 20% and 100% dimming
Short Term Flicker Perceptibility (PST)	<0.7 @ 10% dimming level	<0.7 @ 10% dimming level	-	-	<0.7 @ 10% dimming level	<1 @ minimum dimming level
Stroboscopic Visibility Measure (SVM)	<1 @ 10% dimming level	<1 @ 10% dimming level	-	-	<1 @ 10% dimming level	<1.6 @ minimum dimming level
Audible Noise	20dB @ 30cm	20dB @ 30cm	20dB @ 10cm	20dB @ 10cm	20dB @ 30cm	24dB @ 10cm

