

Dimmable LED COB PAR20/30/38 120V

7W/10W/13W/15W/18W

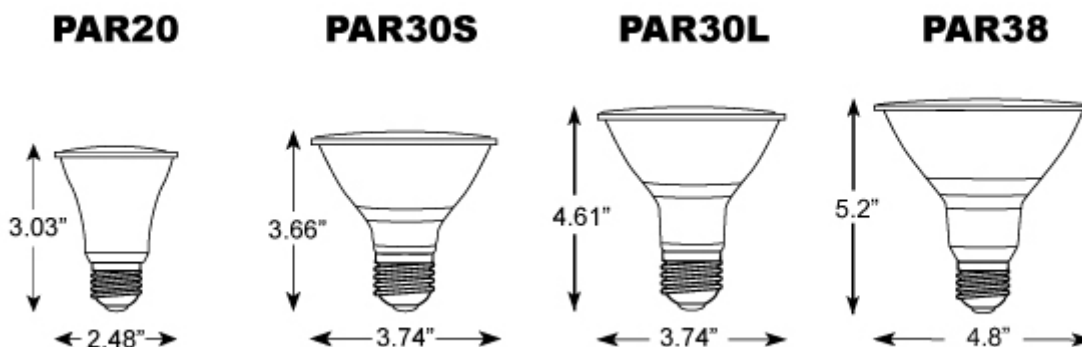
Features

- Extremely energy saving with low power consumption
- Perfectly retrofit traditional incandescent and halogen PAR lamps with same appearance / performance / dimensions
- Compatible with common dimmer switches and systems
- Smooth linear dimming range from 10%-100% without visible flickering
- Noise free during the dimming operation
- Wet location applicable
- No mercury and hazardous substances
- Good color rendition, CRI ≥80



Diagrams

Dimensions:



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Standards



Applications



Technical Data	
Electrical	
Rated Wattage [W]	7W / 10W / 13W / 15W / 18W
Rated Voltage [V/Hz]	110-130Vac, 50/60Hz
Power Factor @120V	0.9
Input Current [mA] @120V	65 / 93 / 120 / 139 / 167
LED	COB
Model	
LED NA PAR20 COB-7W	7W
LED NA PAR20 COB-7W DIM	7W
LED NA PAR30S COB-10W	10W
LED NA PAR30S COB-10W DIM	10W
LED NA PAR30S COB-13W	13W
LED NA PAR30S COB-13W DIM	13W
LED NA PAR30L COB-10W	10W
LED NA PAR30L COB-10W DIM	10W
LED NA PAR30L COB-13W	13W
LED NA PAR30L COB-13W DIM	13W
LED NA PAR38 COB-15W	15W
LED NA PAR38 COB-15W DIM	15W
LED NA PAR38 COB-18W	18W
LED NA PAR38 COB-18W DIM	18W
Luminous Flux (Useful Luminous Flux) [lm]	
7W	550lm (485lm) @3000K
10W	800lm (710lm) @3000K
13W	1000lm (890lm) @3000K
15W	1200lm (1060lm) @3000K
18W	1400lm (1240lm) @3000K
Performance	

SDCM	<6
Estimated Yearly Energy Cost [\$USD]	0.84 / 1.2 / 1.57 / 1.81 / 2.17
Luminous Efficacy [lm/W]	68-71
Color Rendering Index [Ra]	≥80 / 90
Color Maintenance [hr]	>6000
Luminous Intensity Distribution [°]	25 / 40 / 60
Life [Yrs] (based on 3hrs/day)	27
Lumen Maintenance at 6000hrs	>0.8
Rapid Cycle Stress	>15,000 cycles
Start Time [sec]	<0.5
LED Failure	<5%
Mechanical	
Diameter D [in]	Φ2.48 / Φ3.74 / Φ3.74 / Φ4.8
Height H [in]	3.03 / 3.66 / 4.61 / 5.2
Base	E26
Material	Plastic
Standard Compliance	
ANSI	UL8750, UL1993, C82.77-2002, C78.377-2008
FCC	FCC CFR Part 15, FCC CFR Part 18
Mercury Content [mg]	0.0
Energy Star	Dimmable version
Other	
Dimmable [Y/N]	Optional
Operation Temperature	-20°C ~ 50°C
Storage Temperature	-10°C ~ 30°C