



PROJECT:

DATE:

TYPE:

PREPARED BY:



50-100W Equivalent, Dimmable, 120V



### KEY FEATURES

- Energy-efficient replacement for incandescent and halogen PAR lamps
- Constructed from durable materials which lowers risk of breakage
- Rated for use in enclosed and open fixtures in wet locations
- Single optic and full face lens for precise beam angle control
- Replacements for halogen PAR lamps. Dimmable LED with 80 CRI and wet rated, great for use outdoors.

### PERFORMANCE

Catalog Number	Shape	Wattage Equivalency	Input Wattage	Lumens	Efficacy	Color Temp
PAR20-5-827-40D-DIM	PAR20	50W Halogen	6.5W	500 lm	77 lm/W	2700K
PAR20-5-830-40D-DIM						3000K
PAR30L-8-827-40D-DIM	PAR30L	75W Incandescent	11W	850 lm	77 lm/W	2700K
PAR30L-8-830-40D-DIM						3000K
PAR30L-8-840-40D-DIM						4000K
PAR30S-8-827-40D-DIM	PAR30S	75W Incandescent	11W	850 lm	77 lm/W	5000K
PAR30S-8-830-40D-DIM						3000K
PAR38-12.5-827-40D-DIM	PAR38	100W Incandescent	13W	1,100lm	85 lm/W	2700K
PAR38-12.5-830-40D-DIM						3000K
PAR38-12.5-840-40D-DIM	PAR38	100W Incandescent	13W	1,100lm	85 lm/W	4000K
PAR38-12.5-850-40D-DIM						5000K

## TECHNICAL SPECIFICATIONS

### CONSTRUCTION

**Product Type**

PAR, 80 CRI Dimmable

**Shape**

PAR20, PAR30L, PAR30S, PAR38

**Endcap Material**

Nickel-plated aluminum

**Enclosure Material**

Polycarbonate

**Finish**

White

### LED CHARACTERISTICS

**Beam Angle**

40°

**Color Temperature**

PAR20: 2700K, 3000K

PAR30L: 2700K, 3000K, 4000K

PAR30S: 2700K, 3000K

PAR38: 2700K, 3000K, 4000K, 5000K

**Color Accuracy (CRI)**

BR30: 90CRI; BR40: 80CRI

**R9 Value**

High color performance with R9 greater than 0

**Color Consistency**

<7-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

### ELECTRICAL

**Dimmable**

Yes, dimmable down to 10% on compatible TRIAC/ELV dimming systems. See Dimmer Compatibility List.

**Driver**

PAR20-5-8XX-40D-DIM: Constant Current 120V 50/60 Hz; 120V: 65mA

PAR30L-8-8XX-40D-DIM: Constant Current 120V 50/60 Hz; 120V: 105mA

PAR30S-8-8XX-40D-DIM: Constant Current 120V 50/60 Hz; 120V: 105mA

PAR38-12.5-8XX-40D-DIM: Constant Current 120V 50/60 Hz; 120V: 130mA

**Input Voltage**

120V

**Operating Temperature**

-4°F to 104°F (-20°C to 40°C)

**THD**

<50%

**Power Factor**

0.7

**Flicker**

≤30%

### COMPLIANCE

**ETL Listed**

This product has been tested by Intertek and found in compliance with accepted national standards.

**Environment**

Suitable for use indoors and outdoors in dry, damp, or wet environments.

**Fixture Rating**

Suitable for use in enclosed fixtures

**Energy Star Approved**

No

**DLC Listed**

No

**California Title 20 Compliant**

No

**California Title 24 JA8 Compliant**

No

**California Energy Commission (CEC)**

Not Lawful for Sales in California

**RoHS**

Mercury and UV free. RoHS-compliant components.

**FCC**

Complies with Part 15 of the FCC Rules

### INSTALLATION

**Base Type**

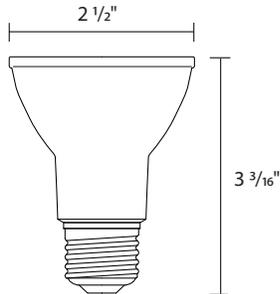
E26 Edison

### OTHER

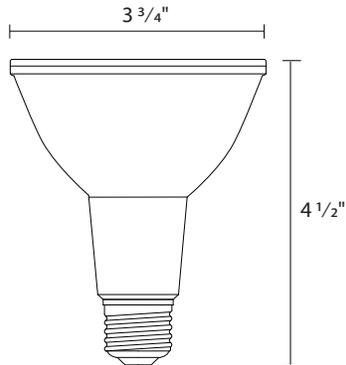
**Warranty**

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of three (3) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at [rablighting.com/warranty](http://rablighting.com/warranty).

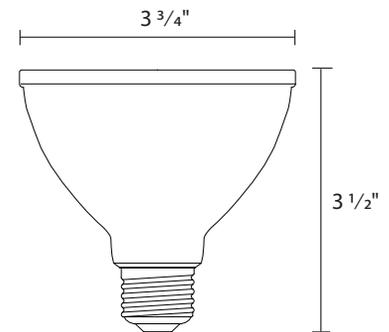
## DIMENSIONS



PAR20-5-827-40D-DIM  
 PAR20-5-830-40D-DIM  
 Weight: 0.07 lbs.



PAR30L-8-827-40D-DIM  
 PAR30L-8-830-40D-DIM  
 PAR30L-8-840-40D-DIM  
 PAR30S-8-827-40D-DIM  
 PAR30S-8-830-40D-DIM  
 Weight: 0.31 lbs.



PAR30L-8-827-40D-DIM  
 PAR30L-8-830-40D-DIM  
 PAR30L-8-840-40D-DIM  
 PAR30S-8-827-40D-DIM  
 PAR30S-8-830-40D-DIM  
 Weight: 0.31 lbs.

## ORDERING INFO

Catalog Number	Model Number	UPC	Case Pack
PAR20-5-827-40D-DIM	P30012(PAR20-5-827-40D-DIM)	192552024358	12
PAR20-5-830-40D-DIM	P30013(PAR20-5-830-40D-DIM)	192552024365	12
PAR30L-8-827-40D-DIM	P30014(PAR30L-8-827-40D-DIM)	192552024372	6
PAR30L-8-830-40D-DIM	P30015(PAR30L-8-830-40D-DIM)	192552024389	6
PAR30L-8-840-40D-DIM	P30016(PAR30L-8-840-40D-DIM)	192552024396	6
PAR30S-8-827-40D-DIM	P30017(PAR30S-8-827-40D-DIM)	192552024402	6
PAR30S-8-830-40D-DIM	P30018(PAR30S-8-830-40D-DIM)	192552024419	6
PAR38-12.5-827-40D-DIM	P30019(PAR38-12.5-827-40D-DIM)	192552024426	6
PAR38-12.5-830-40D-DIM	P30020(PAR38-12.5-830-40D-DIM)	192552024433	6
PAR38-12.5-840-40D-DIM	P30021(PAR38-12.5-840-40D-DIM)	192552024440	6
PAR38-12.5-850-40D-DIM	P30022(PAR38-12.5-850-40D-DIM)	192552052672	6

## ORDERING MATRIX

Family	Wattage	CRI/Color Temp	Beam Angle	Voltage/Dimming
<b>PAR20</b>	5		40D	DIM
	5      5W	827      80 CRI, 2700K 830      80 CRI, 3000K	40D    40 Degree	DIM      120V; TRIAC/ELV
<b>PAR30S PAR30L</b>	8		40D	DIM
	8      8W	827      80 CRI, 2700K 830      80 CRI, 3000K *840     80 CRI, 4000K	40D    40 Degree	DIM      120V; TRIAC/ELV
<b>PAR38</b>	12.5		40D	DIM
	12.5    12.5W	827      80 CRI, 2700K 830      80 CRI, 3000K 840      80 CRI, 4000K 850      80 CRI, 5000K	40D    40 Degree	DIM      120V; TRIAC/ELV

\*Only available in PAR30L