

**RAB**

Lamps

PARs

Reflectors

Small Reflectors





# How to order lamps from **RAB**

Our model numbers are easy to build and understand. Simply choose from the descriptions below each section of a matrix as seen below, and be sure to include any hyphens shown. No confusing, company-specific coding. Just basic logic that continues to “make it easy” for you.

## PARs

Bulb shape (Neck)	Lamp power	CRI	CCT	Beam angle	Dimmable	
PAR 30	L	11	8	27	40D	DIM
PAR20	Blank	7 = 50W PAR20	8 = 80	27 = 2700	25D = 25°	DIM = Dimmable
PAR30	Long*	11 = 75W PAR30	9 = 90	30 = 3000	35D = 35°	ND = Non-dimmable**
PAR38	Short*	12 = 90W PAR38	40 = 4000	40D = 40°		
		15 = 100W PAR38 or 90W PAR38	50 = 5000			
		16 = 120W PAR38				
		26 = 250W PAR38				

## REFLECTORS

Bulb shape	Lamp power	CRI	CCT	Dimmable
BR40	13	8	27	DIM
R20	7 = 50W R20	8 = 80	27 = 2700	DIM = Dimmable
BR30	9 = 65W BR30	9 = 90	30 = 3000	
BR40	10 = 65W BR30	40 = 4000		
	11 = 65W BR40	50 = 5000		
	13 = 75W BR40			
	15 = 85W BR40			

## SMALL REFLECTORS

Bulb shape/Base	Lamp power	CRI	CCT	Beam angle	Dimmable
MR16	8	8	50	35D	DIM
MR16	6 = 35W	8 = 80	30 = 3000	15D = 15°	DIM = Dimmable
GU10	5, 6, 8 = 50W <sup>†</sup>	9 = 90	35 = 3500	25D = 25°	
PAR16	8 = 60W <sup>††</sup>	40 = 4000	35D = 35°		
	9 = 75W	50 = 5000	40D = 40°		

\* PAR30 type only    \*\* High-output PAR lamps only    † GU10, PAR16, MR16 (in that order)    †† GU10, PAR16 only

## PARs



Dimmable



Premium Dimmable

## REFLECTORS



Dimmable



Premium Dimmable

## SMALL REFLECTORS



Dimmable

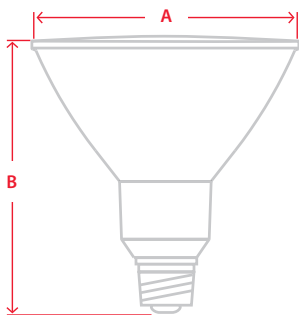


Premium Dimmable

# PAR Lamps | Dimmable

Serving as replacements for halogen PAR20, PAR30 and PAR38 directional lamps, these are perfect for fixtures used several hours per day.

## DIMENSIONS



Wattage EQ	A	B
50W	2 1/2"	3 7/16"
75W (short)	3 3/4"	3 7/16"
75W (long)	3 3/4"	4 3/4"
100W/90W	5 1/8"	4 3/4"

Dimmable PARs are ideal replacements for Halogen PAR lamps where directional light is preferred, commonly found in security and landscape lighting, and downlights/track lights various beam spreads, commonly found in security, landscape lighting, and downlights/track lights. All have a 25,000-hour lifespan, about 12x longer than traditional halogens, making them an economic, energy-efficient replacement for many commercial and residential applications.

## FEATURES

- 25,000-Hour lifespan**  
Reduce maintenance costs of relamping in high areas
- Wet rated**  
Suitable for use in wet locations
- Use anywhere**  
For use in open and enclosed fixtures



## 120V ONLY

Wattage EQ	Light Distribution	Model Name	Neck	Base	Dimmable	Energy Star	Lifespan (Hrs.)	CRI <sup>2</sup>	Lumens <sup>2</sup>	Lamp Wattage <sup>2</sup>	Efficacy <sup>2</sup> (lm/W)	CCT	Application
50W	40°	PAR20-7-8cc-40D-DIM	-	E26	Y	Y	25K	80	500	7	71	●●	UL Wet/ Enclosed
75W	40°	PAR30S-11-8cc-40D-DIM	Short	E26	Y	Y	25K	80	800	11	73	●●	UL Wet/ Enclosed
		PAR30L-11-8cc-40D-DIM	Long	E26	Y	Y	25K	80	800	11	73	●●●	UL Wet/ Enclosed
90W	25°	PAR38-15-830-25D-DIM	-	E26	Y	Y	25K	80	1050	15	70	●	UL Wet/ Enclosed
100W	40°	PAR38-15-8cc-40D-DIM	-	E26	Y	Y	25K	80	1050	15	70	●●●●	UL Wet/ Enclosed

## Color Temperature

cc = 27	2700 ●	cc = 30	3000 ●	cc = 40	4000 ●	cc = 50	5000 ●
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<sup>1</sup> The RAB No-Compromise warranty covers light output, color stability, driver performance and paint finish. RAB's warranty is subject to all terms and conditions found at [rablighting.com/warranty](http://rablighting.com/warranty).

<sup>2</sup> Margin of error +/-10%

# PAR Lamps | Premium Dimmable



Premium replacements for PAR directional lamps which feature a 40,000-hour lifespan, 90 CRI, and are available in high-output models.

When accurate color rendering is critical, these premium, dimmable PARs are an ideal solution. Their 40,000-hour lifespan is about 20x longer than traditional halogens, nearly eliminating the costs and hassles of relamping. Several models are waterproof, making them suitable for both indoor and outdoor use.

## DIMENSIONS

Wattage EQ	A	B
50W	2 1/2"	3 3/16"
75W (short)	3 3/4"	3 9/16"
75W (long)	3 3/4"	4 1/2"
90W	4 5/8"	5 1/8"
120W	4 5/8"	5 1/8"
250W	4 3/4"	5 1/8"

## FEATURES

**90+ CRI LIGHT** Produces rich and vibrant colors

**40,000-Hour lifespan** Extra long life reduces maintenance costs of relamping

**Damp and Wet Rated** Depending on the model, suitable for damp or wet locations

**Use anywhere** For use in open and enclosed fixtures



## 120V ONLY

Wattage EQ	Light Distribution	Model Name	Base	Dimmable	Energy Star	Lifespan (Hrs.)	CRI <sup>2</sup>	Lumens <sup>2</sup>	Lamp Wattage <sup>2</sup>	Efficacy <sup>2</sup> (lm/W)	CCT	Application
50W	40°	PAR20-7-9cc-40D-DIM	E26	Y	Y	40K	90	550	7	79	●●●●	UL Damp/ Enclosed
	25°	PAR20-7-9cc-25D-DIM	E26	Y	Y	40K	90	550	7	79	●●●●	UL Damp/ Enclosed
75W	40°	PAR30n-11-9cc-40D-DIM	E26	Y	Y	40K	90	900	11	82	●●●●	UL Damp/ Enclosed
	35°	PAR30L-11-9cc-35D-DIM	E26	Y	Y	40K	90	900	11	82	●●●●	UL Damp/ Enclosed
	25°	PAR30n-11-9cc-25D-DIM	E26	Y	Y	40K	90	900	11	82	●●●●	UL Damp/ Enclosed
90W	40°	PAR38-12-9cc-40D-DIM	E26	Y	Y	40K	80	950	12	79	●●●●	UL Wet/ Enclosed
	25°	PAR38-12-9cc-25D-DIM	E26	Y	Y	40K	80	950	12	79	●●●●	UL Wet/ Enclosed
120W	40°	PAR38-16-9cc-40D-DIM	E26	Y	Y	40K	90	1370	16	83	●●●●	UL Wet/ Enclosed
	25°	PAR38-16-9cc-25D-DIM	E26	Y	Y	40K	90	1370	16	83	●●●●	UL Wet/ Enclosed

## HIGH-OUTPUT PAR LAMPS | 120-277V

250W	40°	PAR38-26-930-40D-ND	E26	N	Y	40K	90	2400	26	92	●	UL Damp/ Enclosed
	25°	PAR38-26-930-25D-ND	E26	N	Y	40K	90	2400	26	92	●	UL Damp/ Enclosed

## Neck type

**n = S** Short neck    **n = L** Long neck

## Color Temperature

**cc = 27** 2700 ●    **cc = 30** 3000 ●    **cc = 40** 4000 ●    **cc = 50** 5000 ●

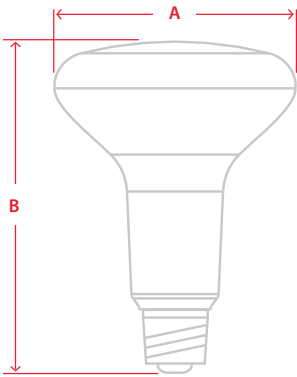


\* Does not apply to all color temperatures. See RAB Lamps catalog for details.

# Reflectors | Dimmable

Reflectors replace incandescent and halogen R and BR reflector lamps. They have a wide light distribution that's well suited for general lighting applications.

## DIMENSIONS



Wattage EQ	A	B
50W	2 1/2"	3 11/16"
65W	3 11/16"	5 1/8"
75W	4 15/16"	6 5/16"
85W	4 15/16"	6 5/16"

Dimmable reflectors are ideal replacements for BR and R lamps with a wide distribution, commonly found in indoor downlights and track lights. All have a 25,000-hour lifespan, about 12x longer than traditional halogens, making them an economic, energy-efficient replacement for many commercial and residential applications.

## FEATURES

- 25,000-Hour lifespan**  
Reduce maintenance costs of relamping in high areas
- Damp rated**  
Suitable for damp locations
- Use anywhere**  
For use in open and enclosed fixtures



ENERGY SAVINGS

Wattage EQ	Light Distribution	Model Name	Base	Dimmable	Energy Star	Lifespan (Hrs.)	CRI <sup>2</sup>	Lumens <sup>2</sup>	Lamp Wattage <sup>2</sup>	Efficacy <sup>2</sup> (lm/W)	CCT	Application
50W	110°	R20-7-8cc-DIM	E26	Y	Y	25K	80	525	7	75	●●●●	Enclosed
65W	110°	BR30-9-8cc-DIM	E26	Y	Y	25K	80	700	9.5	74	●●●●	Enclosed
75W	110°	BR40-13-827-DIM	E26	Y	Y	25K	80	950	13	73	●●	Enclosed
85W	110°	BR40-15-8cc-DIM	E26	Y	Y	25K	80	1100	15	73	●●●●	Enclosed

## Color Temperature



<sup>1</sup> The RAB No-Compromise warranty covers light output, color stability, driver performance and paint finish. RAB's warranty is subject to all terms and conditions found at [rablighting.com/warranty](http://rablighting.com/warranty).

<sup>2</sup> Margin of error +/-10%

# Reflectors | Premium Dimmable



Premium replacements for BR lamps with a wide 120° light distribution, which feature a 25,000-hour lifespan and 90 CRI.

Much like our standard reflectors, these also have a 25,000-hour lifespan, but if accurate color rendering is critical, these premium, dimmable reflectors are the ideal solution. Often found in downlights and track lights in applications such as art galleries, showrooms and clothing shops, premium reflectors let items show their true colors.

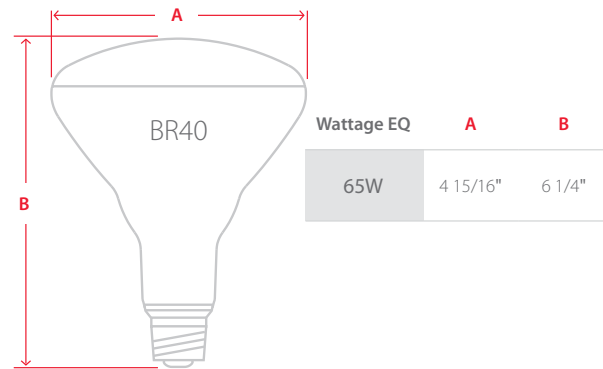
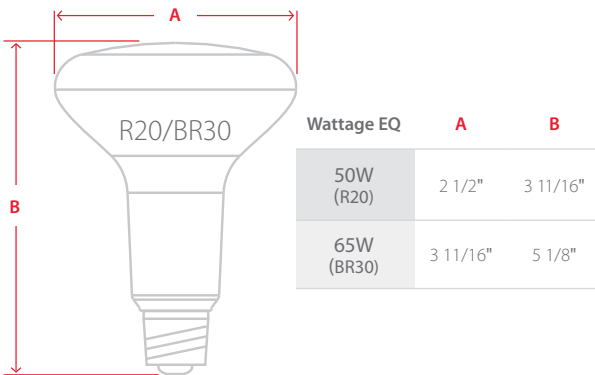
## FEATURES

- 90+ CRI LIGHT** Produces rich and vibrant colors
- 25,000-Hour lifespan** Extra long life reduces maintenance costs of relamping
- Damp rated** Suitable for damp locations
- Use anywhere** For use in open and enclosed fixtures



ENERGY SAVINGS

## DIMENSIONS



Wattage EQ	Light Distribution	Model Name	Base	Dimmable	Energy Star	Lifespan (Hrs.)	CRI <sup>2</sup>	Lumens <sup>2</sup>	Lamp Wattage <sup>2</sup>	Efficacy <sup>2</sup> (lm/W)	CCT	Application
50W	120°	R20-7-927-DIM	E26	Y	Y	25K	90	550	7	79	●●●	Enclosed
65W BR30	120°	BR30-10-9cc-DIM**	E26	Y	Y	25K	90	700	10	70	●●●●	Enclosed



65W BR40	110°	BR40-11-930-DIM	E26	Y	Y	25K	90	900	11	82	●●	Enclosed
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### Color Temperature



\* Does not apply to all color temperatures. See RAB Lamps catalog for details.

# Small Reflectors | Dimmable

Small reflectors serve as replacements for small-diameter, MR, GU and PAR halogen reflectors.

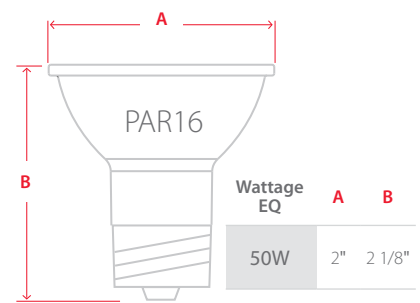
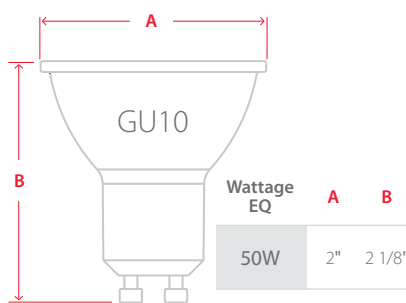
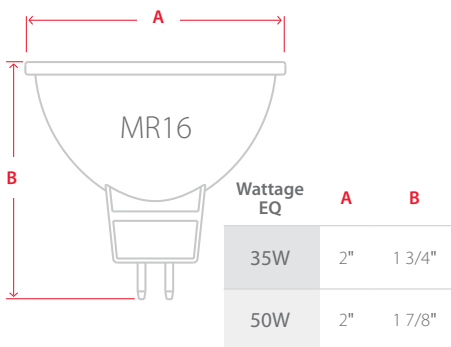
Often used in residential interiors for spotlighting accents and display cabinets, these narrow-distribution lamps replace MR, GU and PAR lamps. All models are dimmable with a 25,000-hour lifespan. LED technology keeps lamps running cool, making them ideal for spotlighting heat-sensitive objects such as foods or plants.

## FEATURES

- 25,000-Hour lifespan**  
Reduce maintenance costs of relamping in high areas
- Damp rated**  
Suitable for damp locations
- Use anywhere**  
For use in open and enclosed fixtures



## DIMENSIONS



Wattage EQ	Base	Light Distribution	Model Name	Dimmable	Energy Star	Lifespan (Hrs.)	CRI <sup>2</sup>	Lumens <sup>2</sup>	Lamp Wattage <sup>2</sup>	Efficacy <sup>2</sup> (lm/W)	Voltage	CCT	Application
35W	GU5.3	25°	MR16-6-8cc-25D-DIM*	Y	Y	25K	80	450	6.5	69	12V	●●	UL Damp/ Enclosed
		35°	MR16-6-8cc-35D-DIM	Y	Y	25K	80	450	6.5	69	12V	●●●	UL Damp/Enclosed
50W	GU5.3	25°	MR16-8-827-25D-DIM	Y	Y	25K	80	570	8	71	12V	●●	UL Damp/Enclosed
		35°	MR16-8-827-35D-DIM	Y	Y	25K	80	570	8	71	12V	●●●	UL Damp/Enclosed
	GU10	35°	GU10-5-8cc-35D-DIM	Y	Y	25K	80	400	5.5	73	120V	●●●●	UL Damp/Enclosed

\* 25° model currently unavailable in 5000K



50W	PAR16	40°	PAR16-6-8cc-40D-DIM	Y	Y	25K	80	500	6.5	77	120V	●●●●	UL Damp/Enclosed
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## Color Temperature



<sup>1</sup> The RAB No-Compromise warranty covers light output, color stability, driver performance and paint finish. RAB's warranty is subject to all terms and conditions found at [rablighting.com/warranty](http://rablighting.com/warranty).

<sup>2</sup> Margin of error +/-10%

# Small Reflectors | Premium Dimmable



Premium small-reflector models offer 90 CRI, producing rich, vibrant colors that are perfect for retail applications.

These compact LED lamps replace traditional MR, GU and PAR lamps with a narrow distribution that are often used to spotlight. All models are dimmable with a 25,000-hour lifespan. The high CRI makes these ideal for use in retail spaces, art galleries and museums.

## FEATURES

**90+ 90 CRI**  
CRI LIGHT Produces rich and vibrant colors

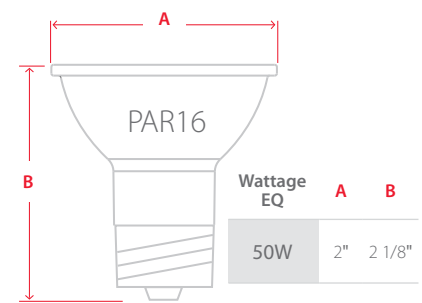
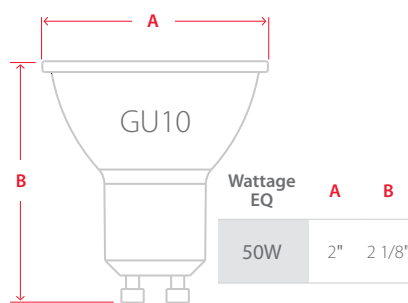
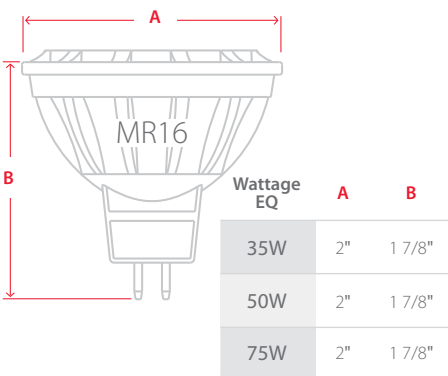
**25,000-Hour lifespan**  
Extra long life reduces maintenance costs

**Damp rated**  
Suitable for damp locations

**Use anywhere**  
For use in open and enclosed fixtures



## DIMENSIONS



Wattage EQ	Base	Light Distribution	Model Name	Dimmable	Energy Star	Lifespan (Hrs.)	CRI <sup>2</sup>	Lumens <sup>2</sup>	Lamp Wattage <sup>2</sup>	Efficacy <sup>2</sup> (lm/W)	CCT	Application
35W	GU5.3	15°	MR16-6-9cc-15D-DIM	Y	Y	25K	90	420	6.5	65	●●●●	UL Damp/ Enclosed
		25°	MR16-6-9cc-25D-DIM	Y	Y	25K	90	420	6.5	65	●●●●	UL Damp/ Enclosed
		35°	MR16-6-9cc-35D-DIM	Y	Y	25K	90	420	6.5	65	●●●●	UL Damp/ Enclosed
50W	GU5.3	15°	MR16-8-9cc-15D-DIM	Y	Y	25K	90	535	8.5	63	●●●●	UL Damp/ Enclosed
		25°	MR16-8-9cc-25D-DIM	Y	Y	25K	90	535	8.5	63	●●●●	UL Damp/ Enclosed
		35°	MR16-8-9cc-35D-DIM	Y	Y	25K	90	535	8.5	63	●●●●	UL Damp/ Enclosed
75W	GU5.3	15°	MR16-9-9cc-15D-DIM	Y	Y	25K	90	560	9	62	●●●●	UL Damp/ Enclosed
		25°	MR16-9-9cc-25D-DIM	Y	Y	25K	90	560	9	62	●●●●	UL Damp/ Enclosed
		35°	MR16-9-9cc-35D-DIM	Y	Y	25K	90	560	9	62	●●●●	UL Damp/ Enclosed



60W	GU10	35°	GU10-8-930-35D-DIM	Y	Y	25K	90	535	8	67	●●●●	UL Damp/ Enclosed
	PAR16	35°	PAR16-8-930-35D-DIM	Y	Y	25K	90	535	8	67	●●●●	UL Damp/ Enclosed




## Color Temperature





# Portfolio | At a Glance

## Linear Tubes



### BALLAST COMPATIBLE TUBES

Bulb Shape	Length	Material	Lumens	3000K	3500K	4000K	5000K
 T5	4 ft	Glass	3500	●	●	●	●
		Plastic	3500	●	●	●	●
 T8	2 ft	Glass	900	●	●	●	●
		Plastic	900	●	●	●	●
	3 ft	Glass	1200	●	●	●	●
		Glass	1800	●	●	●	●
	4 ft	Glass	2200	●	●	●	●
		Plastic	1800	●	●	●	●
2200	Plastic	2200	●	●	●	●	
	Plastic	2200	●	●	●	●	
 U-Bend	U-Bent	Glass	2100	●	●	●	●


### BALLAST BYPASS SINGLE-ENDED TUBES

Bulb Shape	Length	EQ Wattage	DLC	3000K	3500K	4000K	5000K
 T8	4 ft	32	●	●	●	●	●
	2 ft	17	●	●	●	●	●
 U-Bend	U-Bent	32	●	●	●	●	


### BALLAST BYPASS DOUBLE-ENDED TUBES

Bulb Shape	Length	EQ Wattage	DLC	3000K	3500K	4000K	5000K
 T8	8 ft	59/54	●	●	●	●	●
	4 ft	32	●	●	●	●	●
	2 ft	17	●	●	●	●	●
 T5	4 FT	54	●	●	●	●	



### BALLAST BYPASS SINGLE-ENDED+DOUBLE-ENDED TUBES

Bulb Shape	Length	EQ Wattage	DLC	3000K	3500K	4000K	5000K
 T8	4 ft	32	●	●	●	●	●
	2 ft	17	●	●	●	●	●




### BALLAST REPLACEMENT TUBES

Bulb Shape	Length	Base	Lumens	4000K	5000K
 T8	4ft x 2kits	G13	Standard Output	●	●
	4ft x 4kits	G13	Standard Output	●	●

## Compacts

Installation Type	Bulb Shape	Application	Base Type	3000K	3500K	4000K	5000K
 Type A Ballast Compatible	PLC/T	Horizontal	G24q	●	●	●	●
		Vertical	G24q	●	●	●	●
 Type B Ballast Bypass	PLC/T	Horizontal	G24d	●	●	●	●
		Vertical	G24d	●	●	●	●
	PLL	Horizontal	2G11	●	●	●	●

## HID

Type	Wattage EQ	E26 BASE			EX39 BASE		
		3000K	4000K	5000K	3000K	4000K	5000K
 Post Top	50	●	●	●			
	75	●	●	●			
	125	●	●	●	●	●	●
	150	●	●	●	●	●	●
	175	●	●	●	●	●	●
	200				●	●	●
	250				●	●	●
	320				●	●	●
 Wallpack	200				●	●	
	250				●	●	
 High bay	200				●	●	
	250				●	●	
	400				●	●	
 Shoebox	400				●	●	
	320/250				●	●	

## A-Line Bulbs

Lamp Family	Wattage EQ	Base Type	2700K	3000K	4000K	5000K
Frosted Bulbs Non Dim	40	E26	●	●		
	60	E26	●	●		●
Frosted Bulbs Dim	40	E26	●	●	●	●
		E26	●	●	●	●
	60	GU24	●	●	●	●
		E26		●		●
	75	GU24	●	●	●	●
		E26	●	●	●	●
100	GU24	●	●	●	●	
Premium Frosted Bulbs	40	E26	●	●		●
	60	E26	●	●	●	●
	75	E26		●		●
	100	E26	●	●	●	●

## Reflectors

Lamp Family	Bulb Shape	Wattage EQ	2700K	3000K	4000K	5000K
Reflectors	R20	50	●	●	●	●
	BR30	65	●	●	●	●
	BR40	75	●	●		
		85	●	●	●	●
Premium Reflectors	R20	50	●	●		●
	BR30	65	●	●	●	●
	BR40	65		●		●

## PARs

Lamp Family	Bulb Shape	Wattage EQ	Beam Angle	2700K	3000K	4000K	5000K
PARs	PAR20	50	40°	●	●		
	PAR30S	75	40°	●	●		
	PAR30L	75	40°	●	●	●	
	PAR38	100	25°		●		
			40°	●	●	●	●
		250	25°		●		
			40°	●	●	●	
Premium PARs	PAR20	50	25°	●	●	●	●
			40°	●	●	●	●
	PAR30S	75	25°	●	●	●	●
			40°	●	●	●	●
	PAR30L	75	25°	●	●	●	●
			35°	●	●	●	●
	PAR38	90	25°	●	●	●	●
			40°	●	●	●	●
		120	25°	●	●	●	●
			40°	●	●	●	●

## Small Reflectors

Lamp Family	Bulb Shape	Wattage EQ	Beam Angle	2700K	3000K	4000K	5000K
Small Reflectors	MR16	35	25°	●	●		
			35°	●	●		●
		50	25°	●	●		
			35°	●	●		●
GU10	50	35°	●	●	●	●	
	PAR16	50	40°	●	●	●	●
Premium Small Reflectors	MR16	35	15°	●	●	●	
			25°	●	●	●	
			35°	●	●	●	
		50	15°	●	●	●	
			25°	●	●	●	
			35°	●	●	●	
		75	15°	●	●	●	
			25°	●	●	●	
			35°	●	●	●	
				●	●	●	
GU10	50	35°		●			
PAR16	50	35°		●			

## Decorative

Lamp Family	Bulb Shape	Wattage EQ	2700K		5000K	
			E12	E26	E12	E26
Premium Clear Filament	ST19	40		●		
	A19	40		●		●
		60		●		●
	B11	40	●	●		
		60	●	●		
	BA11	40	●	●		
		60	●	●		
G16.5	40	●	●	●	●	
G25	40		●		●	
Premium Frost Filament	A19	40		●		●
		60		●		●
	B11	40	●	●		
		60	●	●		
	BA11	40	●	●		
		60	●	●		
	G16.5	40	●	●	●	●
	G25	40		●		●



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Northvale, New Jersey 07647  
[rablighting.com](http://rablighting.com) | [sales@rablighting.com](mailto:sales@rablighting.com)