

# LED

PRODUCT CATALOG



**BULBRITE**<sup>®</sup>  
SINCE 1971

INNOVATING.  
EDUCATING.  
EXCEEDING EXPECTATIONS.



**BULBRITE**<sup>®</sup>  
SINCE 1971

*Innovating. Educating. Exceeding Expectations.*



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# LED Education

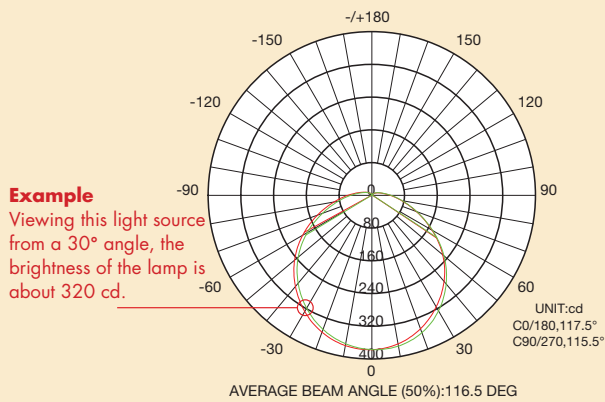
## LED Photometrics

As part of our commitment to education, Bulbrite supports your knowLEDge by providing you with a variety of resources to make the best LED lighting choices for you and your customers. Our family of performance LED products have been tested to LM79 standards.

To request this data, contact us at [productsupport@bulbrite.com](mailto:productsupport@bulbrite.com).

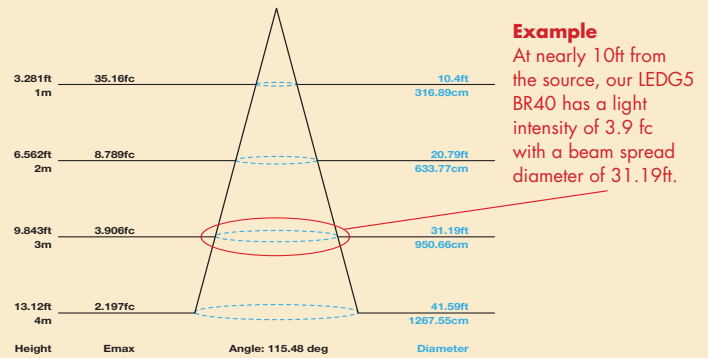
### POLAR DISTRIBUTION EXAMPLE

A graphic illustration of light intensity at specific directions from nadir. Intensity is on the vertical axis, and the curve represents brightness at various angles from the source, with the average beam angle beneath. This example chart graphically shows the shape of the smooth beam of a LED BR40, which mimics an incandescent BR40.



### CONICAL ILLUMINANCE EXAMPLE

A graphic illustration of light intensity and beam diameter at a variety of distances from nadir. This graph, for a LED BR40, illustrates light intensity which is comparable to incandescent light sources.



For additional LED resources, visit [Bulbrite.com/LED](http://Bulbrite.com/LED)

**lightopedia.com** LIGHTOPEDIA.COM - Stay educated and on top of industry news and updates with this one-stop resource for all lighting education and legislation needs!



**COMPATIBILITY** - Learn how to use LED retrofit lamps with the appropriate transformers and/or dimmers to maximize overall performance.



**LIGHTING FACTS** - Read about the Department of Energy's initiative and check Bulbrite's Lighting Facts for verified LED products.



**ENERGY STAR** - View all of our Energy Star certified LED products, which meet strict quality and performance standards.



**PRODUCTS** - See our full line of innovative, high performance LED lamps.

# How to Use Your LED Catalog

## COMPLIANCY ICONS

Indicates the lamp is compliant with the applicable regulation.



## BULBRITE FEATURED ICONS

Indicates specific features of the lamp, including if it is new or a dimmable product.

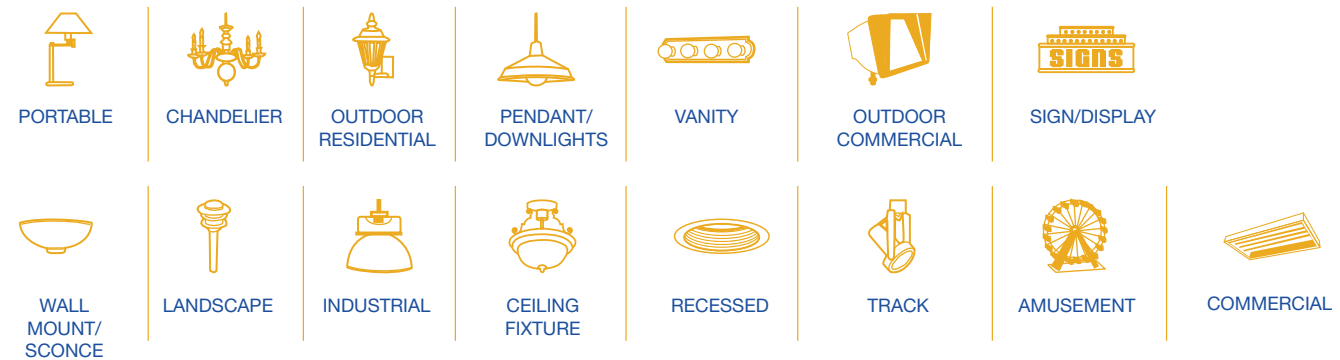


2015 LIGHTING for tomorrow Honorable Mention



2014 LIGHTING for tomorrow LED Retrofit Kit Winner

## APPLICATION ICONS



## SPECIFICATION TABLE

Indicates minimum sell quantity (inner) and smallest shipping carton (master)

Brightness at the center of the beam  
 Measurement of brightness  
 Average rated life expressed in hours  
 Maximum overall length in inches  
 Footnotes can be found on pg 58

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Color Temp.	CRI	Lumens	CBCP	Average Hours	M.O.L.	Notes pg. 58
3.5	MR11	GU4	771500	LED3MR11NF/30K	12	10 / 50	N. Flood 24°	3000K	80	150	-	25,000	1.5"	2
6	MR16	GU5.3	771073	LED6MR16FL/30K	12	1 / 10	N. Flood 24°	3000K	80	300	480	25,000	2"	2,3,4,5

LED

OMNI-DIRECTIONAL







# LED Nostalgic Filaments

## miniNostalgics

- Candelabra base for use in chandeliers and sconces
- Ideal for decorative lighting in homes and commercial areas
- Long life LEDs for lasting vintage appeal
- Antique finish for authentic vintage feel with very warm filaments
- Dimmable with Electronic Low Voltage (ELV) dimmers
- UL rated for damp locations



**LED = Incandescent**  
2W = 25W

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Dimmable with  
ELV dimmers

**OMNI-DIRECTIONAL**



**CA10**

LED2CA10/22K/FIL-NOS



**T6**

LED2T6/22K/FIL-NOS



**G16**

LED2G16/22K/FIL-NOS

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Color Temp.	CRI	Lumens	Average Hours	M.O.L.	M.O.D.	Notes pg. 58
2	CA10	E12	<b>776503</b>	<b>LED2CA10/22K/FIL-NOS</b>	120	1 / <b>10</b>	Antique	2200K	80	180	15,000	3.875"	1.25"	1,5
	T6	E12	<b>776504</b>	<b>LED2T6/22K/FIL-NOS</b>	120	1 / <b>10</b>	Antique	2200K	80	180	15,000	3.375"	0.75"	1,5
	G16	E12	<b>776506</b>	<b>LED2G16/22K/FIL-NOS</b>	120	1 / <b>10</b>	Antique	2200K	80	180	15,000	3.125"	2"	1,5

# LED Nostalgic Filaments

## Signature, A-Type, Globe

- Medium base for use in outdoor lanterns, ceiling fixtures and pendants
- Signature and globe designed with extra long filaments
- Long life LEDs for lasting vintage appeals
- Antique finish for authentic vintage feel with very warm LED filaments
- Fully dimmable with ALL dimmers
- UL rated for damp locations



**LED = Incandescent**  
4W = 40W

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Fully dimmable  
with no collar



**ST18**

LED4ST18/22K/FIL-NOS\*



**A19**

LED4A19/22K/FIL-NOS\*



**G25**

LED4G25/22K/FIL-NOS\*

**OMNI-DIRECTIONAL**

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Color Temp.	CRI	Lumens	Average Hours	M.O.L.	M.O.D.	Notes pg. 58
4	ST18	E26	<b>776601*</b>	<b>LED4ST18/22K/FIL-NOS/2</b>	120	1 / <b>10</b>	Antique	2200K	80	350	15,000	5"	2.375"	1,5
	A19	E26	<b>776602*</b>	<b>LED4A19/22K/FIL-NOS/2</b>	120	1 / <b>10</b>	Antique	2200K	80	300	15,000	4.125"	2.375"	1,5
	G25	E26	<b>776600*</b>	<b>LED4G25/22K/FIL-NOS/2</b>	120	1 / <b>10</b>	Antique	2200K	80	350	15,000	4.5"	3.125"	1,5

\*Fully dimmable with no collar

# LED Nostalgic Filaments

## Tubular

- Medium base for use in pendants and sconces
- Sleek form for a more modern look
- Long life LEDs for lasting vintage appeal
- Antique finish for authentic vintage feel with very warm filaments
- Dimmable with ALL dimmers
- UL rated for damp locations



**LED = Incandescent**  
 2W = 25W  
 4W = 40W



Fully dimmable with no collar

**OMNI-DIRECTIONAL**



**T9**

LED2T9/22K/FIL-NOS\*

**T9 Long**

LED4T9L/22K/FIL-NOS\*

**T14**

LED4T14/22K/FIL-NOS\*

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Color Temp.	CRI	Lumens	Average Hours	M.O.L.	M.O.D.	Notes pg. 58
2	T9	E26	<b>776608*</b>	<b>LED2T9/22K/FIL-NOS/2</b>	120	1 / <b>10</b>	Antique	2200K	80	170	15,000	5"	1.125"	1,5
4	T9	E26	<b>776607*</b>	<b>LED4T9L/22K/FIL-NOS/2</b>	120	1 / <b>10</b>	Antique	2200K	80	280	15,000	11"	1.125"	1,5
	T14	E26	<b>776605*</b>	<b>LED4T14/22K/FIL-NOS/2</b>	120	1 / <b>50</b>	Antique	2200K	80	280	15,000	4.13"	1.5"	1,5

\*Fully dimmable with no collar

# LED Clear Filaments

## A19, G16½

- Medium base for use in outdoor lanterns, ceiling fixtures and pendants
- Dimmable A-Shape replicates incandescent dimming and works with a wide variety of dimmers
- Long life LEDs for lasting vintage appeal
- Clear finish for a traditional look with warm LED filaments
- Dimmable with Electronic Low Voltage (ELV) dimmers
- A19 no collar is fully dimmable with ALL dimmers
- UL rated for damp locations



**LED = Incandescent**  
7W = 60W



### G16½

LED2G16/27K/FIL/E12

### Collared A19

LED7A19/27K/FIL/D



### A19

LED4A19/27K/FIL/D\*

**OMNI-DIRECTIONAL**

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Color Temp.	CRI	Lumens	Average Hours	M.O.L.	M.O.D.	Notes pg. 58
2	G16½	E12	<b>776573</b>	<b>LED2G16/27K/FIL/E12</b>	120	1 / 10	Warm White	2700K	80	170	15,000	2"	2"	1,5
4	A19	E26	<b>776672*</b>	<b>LED4A19/27K/FIL/D</b>	120	1 / 10	Warm White	2700K	80	320	15,000	4.125"	2.375"	1,5
7	A19	E26	<b>776550</b>	<b>LED7A19/27K/FIL/D</b>	120	1 / 10	Clear	2700K	80	700	15,000	4.25"	3.8"	1,5

# LED Clear & Frost Filaments

## B11



- Chandelier options with a candelabra base for use in chandeliers and sconces
- Chandelier options with a medium base for use in outdoor lanterns and sconces
- Collared chandelier replicates incandescent dimming and works with a wide variety of dimmers
- Long life LEDs for lasting vintage appeal
- UL rated for damp locations

**LED = Incandescent**  
 2W = 25W  
 4W = 40W



Fully dimmable with no collar

OMNI-DIRECTIONAL



**Collared B11 Candelabra (E12) Base**

**CLEAR**

LED4B11/27K/FIL/D



**B11 Candelabra (E12) Base**

**CLEAR**

LED2B11/27K/FIL/E12  
 LED4B11/27K/FIL/E12



**B11 Medium (E26) Base**

**CLEAR**

LED4B11/27K/FIL



**B11 Candelabra (E12) Base**

**FROST**

LED2B11/27K/FIL/E12/F



**B11 Candelabra (E12) Base**

**FROST**

LED4B11/27K/FIL/E12/F

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Color Temp.	CRI	Lumens	Average Hours	M.O.L.	M.O.D.	Notes pg. 58
2	B11	E12	776555	LED2B11/27K/FIL/E12	120	1 / 10	Clear	2700K	80	200	15,000	3.625"	1.375"	1,5
			776568	LED2B11/27K/FIL/E12/F	120	1 / 10	Frost	2700K	80	170	15,000	3.625"	1.375"	1,5
4	B11	E12	776552	LED4B11/27K/FIL/D	120	1 / 10	Clear	2700K	80	400	15,000	4.25"	1.25"	1,5
			776556	LED4B11/27K/FIL/E12	120	1 / 10	Clear	2700K	80	350	15,000	3.625"	1.375"	1,5
		E26	776557	LED4B11/27K/FIL	120	1 / 10	Clear	2700K	80	350	15,000	3.25"	1.375"	1,5
			776569	LED4B11/27K/FIL/E12/F	120	1 / 10	Frost	2700K	80	300	15,000	3.625"	1.375"	1,5

# LED Clear & Frost Filaments

## CA10

- Medium base for use in sconces, ceiling fixtures and pendants
- Long life LEDs for lasting vintage appeal
- Frost or Half Mirror finish for a traditional look with warm filaments
- UL rated for damp locations



**LED = Incandescent**  
 2W = 25W  
 4W = 40W

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 Honorable Mention



Fully dimmable  
 with no collar



**CA10**  
**Candelabra (E12) Base**  
**CLEAR**  
 LED2CA10/27K/FIL/E12  
 LED4CA10/27K/FIL/E12

**CA10**  
**Medium (E26) Base**  
**CLEAR**  
 LED4CA10/27K/FIL/E26



**CA10**  
**Candelabra (E12) Base**  
**FROST**  
 LED2CA10/27K/FIL/E12/F

**CA10**  
**Candelabra (E12) Base**  
**FROST**  
 LED4CA10/27K/FIL/E12/F

**OMNI-DIRECTIONAL**

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Color Temp.	CRI	Lumens	Average Hours	M.O.L.	M.O.D.	Notes pg. 58
2	CA10	E12	<b>776566</b>	<b>LED2CA10/27K/FIL/E12/F</b>	120	1 / <b>10</b>	Frost	2700K	80	170	15,000	3.86"	1.25"	1,5
			<b>776558</b>	<b>LED2CA10/27K/FIL/E12</b>	120	1 / <b>10</b>	Clear	2700K	80	190	15,000	3.86"	1.25"	1,5
4	CA10	E12	<b>776567</b>	<b>LED4CA10/27K/FIL/E12/F</b>	120	1 / <b>10</b>	Frost	2700K	80	300	15,000	3.86"	1.25"	1,5
			<b>776559</b>	<b>LED4CA10/27K/FIL/E12</b>	120	1 / <b>10</b>	Clear	2700K	80	320	15,000	3.86"	1.25"	1,5
			<b>776560</b>	<b>LED4CA10/27K/FIL/E26</b>	120	1 / <b>10</b>	Clear	2700K	80	320	15,000	3.86"	1.25"	1,5

# LED Clear Filaments

## Tubular

- Medium base for use in sconces, ceiling fixtures and pendants
- Long life LEDs for lasting vintage appeal - 15,000 hours
- Clear finish for a traditional look with warm 2700K LED filaments
- Dimmable with ALL dimmers
- UL rated for damp locations



**LED = Incandescent**  
 2W = 25W  
 4W = 40W



**OMNI-DIRECTIONAL**



**T9**  
LED2T9/27K/FIL\*



**T9 Long**  
LED4T9L/27K/FIL\*

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Color Temp.	CRI	Lumens	Average Hours	M.O.L.	M.O.D.	Notes pg. 58
2	T9	E26	<b>776665*</b>	<b>LED2T9/27K/FIL/2</b>	120	1 / <b>10</b>	Clear	2700K	80	190	15,000	5"	1.125"	1,5
4	T9	E26	<b>776653*</b>	<b>LED4T9L/27K/FIL/2</b>	120	1 / <b>10</b>	Clear	2700K	80	320	15,000	11"	1"	1

\*Fully dimmable with no collar



# LED Sign & Half Chrome Filaments

## S14, G25, A19

- Medium base for use in sconces, ceiling fixtures and pendants
- Long life LEDs for lasting vintage appeal
- LED Filament bulbs are UL damp listed
- Offered in clear and 4 color options



**LED = Incandescent**

2W = 11W

4W = 40W



**S14**  
**CLEAR**

LED2S14/27K/FIL

**S14**  
**GREEN**

LED2S14/GRN/FIL

**S14**  
**YELLOW**

LED2S14/YLW/FIL

**S14**  
**BLUE**

LED2S14/BLU/FIL

**S14**  
**RED**

LED2S14/RED/FIL



**G25**

**HALF CHROME**

LED4G25/27K/FIL/HM

**A19**

**HALF CHROME**

LED4A19/27K/FIL/HM

**OMNI-DIRECTIONAL**

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Color Temp.	CRI	Lumens	Average Hours	M.O.L.	M.O.D.	Notes pg. 58
2	S14	E26	776551	LED2S14/27K/FIL	120	1 / 10	Clear	2700K	80	150	15,000	3.125"	1.75"	1,5
			776561	LED2S14/GRN/FIL	120	1 / 10	Green	-	80	30	15,000	3.35"	1.75"	1,5
			776562	LED2S14/YLW/FIL	120	1 / 10	Yellow	-	80	100	15,000	3.35"	1.75"	1,5
			776563	LED2S14/RED/FIL	120	1 / 10	Blue	-	80	40	15,000	3.35"	1.75"	1,5
			776564	LED2S14/BLU/FIL	120	1 / 10	Red	-	80	20	15,000	3.35"	1.75"	1,5
4	G25	E26	776570	LED4G25/27K/FIL/HM	120	1 / 10	Half Chrome	2700K	80	250	15,000	4.5"	3.125"	1,5
	A19	E26	776571	LED4A19/27K/FIL/HM	120	1 / 10	Half Chrome	2700K	80	250	15,000	4.125"	2.375"	1,5

# LED A-Type

## Dimmable A19, A21

- True shape A19 closely resembles incandescents and halogens
- High performance A21 alternatives match the light quality and brightness of a 75W and 100W incandescent
- Ideal for residential and commercial applications most commonly used in ceiling fixtures and portables



**LED = Incandescent**  
 11W = 60W  
 13W = 75W  
 15.5W = 100W



Fully dimmable with no collar

OMNI-DIRECTIONAL



**A19**  
**60W Equivalent**  
 LED11A19/827/D

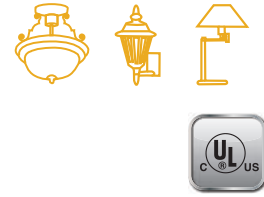
**A21**  
**75W Equivalent**  
 LED13A21/827/D

**A21**  
**100W Equivalent**  
 LED15A21/827/D

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Color Temp.	CRI	Lumens	Average Hours	M.O.L.	M.O.D.	Notes pg. 58
11	A19	E26	774101	LED11A19/827/D	120	10 / 60	Warm White	2700K	80	800	25,000	4.125"	2.375"	1,3,4,5
13	A21	E26	774102	LED13A21/827/D	120	10 / 60	Warm White	2700K	80	1100	25,000	5.25	2.625	1,3,4,5
15.5	A21	E26	774103	LED15A21/827/D	120	10 / 60	Warm White	2700K	80	1600	25,000	5.25	2.625	1,3,4,5

# LED A-Type

## A19 3-Way



LED

- 3-Way A19 offers 3 varying levels of light so users can adjust brightness to their preference when used in 3-Way fixtures
- Ideal for residential and commercial applications most commonly used in ceiling fixtures and portables



**A19  
3-Way**

LED12A19/830/3WAY

OMNI-DIRECTIONAL

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Color Temp.	CRI	Lumens	Average Hours	M.O.L.	M.O.D.	Notes pg. 58
3/9/12	A19 3-WAY	E26	<b>774105</b>	<b>LED12A19/830/3WAY</b>	120	1 / <b>10</b>	3 WAY - Soft White	3000K	80	250/800/1100	30000	4.5"	2.375"	5

## LED Chandelier

### Non-Dimmable B10, Dimmable B11



- 3W LED Chandelier has a smooth heatsink and true shape closely resembling incandescents
- Ideal for residential and commercial applications most commonly used in chandeliers

**LED = Incandescent**  
 3W = 25W  
 5W = 40W

OMNI-DIRECTIONAL



**B10**  
**Candelabra (E12) Base**  
**Non-Dimmable**

LED3CTC/E

**B11**  
**Candelabra (E12) Base**  
**Dimmable**

LED5CTC/27K/D  
 LED5CTC/30K/D



Dimmable

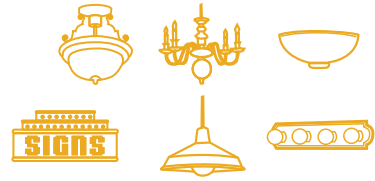
Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Color Temp.	CRI	Lumens	Average Hours	M.O.L.	M.O.D.	Notes pg. 58
3	B10	E12	770404	LED3CTC/E	120	1 / 25	Warm White & Non-Dimmable	2700K	80	170	25,000	3.5"	1.25"	5
5	B11	E12	770406	LED5CTC/27K/D	120	1 / 25	Warm White & Dimmable	2700K	80	280	50,000	4.25"	1.375"	1,3,4,5
			770409	LED5CTC/30K/D	120	1 / 25	Soft White & Dimmable	3000K	80	300	50,000	4.25"	1.375"	1,3,4,5



# LED Globe

## Non-Dimmable G16½, Dimmable G25

- G16 - Small, decorative shape is the perfect accent to chandeliers
- G25 - High performance driver offers smooth dimming and is compatible with a variety of dimmers
- Ideal for residential and commercial applications most commonly used in chandeliers, pendants and vanities



**LED = Incandescent**  
 2.5W = 25W  
 8W = 60W



**G16**  
**Candelabra (E12) Base**  
**Non-Dimmable**

LED/G16/E12



**G25**  
**Medium (E26) Base**  
**Dimmable**

LED8G25/O/27K/D



Dimmable

**OMNI-DIRECTIONAL**

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Color Temp.	CRI	Lumens	Average Hours	M.O.L.	M.O.D.	Notes pg. 58
2.5	G16½	E12	770145	LED/G16/E12	120	1 / 25	Warm White	2700K	80	250	15,000	2.94"	1.95"	7
8	G25	E26	775252	LED8G25/O/27K/D	120	1 / 12	Warm White	2700K	80	550	25,000	4.5"	3.125"	1,4,5

LED

DIRECTIONAL





# LED MR11 & MR16

## Non-Dimmable (12V)

- Size and shape emulate halogen lamps
- Ideal for residential and commercial applications most commonly used in track lighting and recessed lighting



**LED = Halogen**  
 3.5W = 20W  
 6W = 25W

DIRECTIONAL



**MR11**  
**Non-Dimmable**  
 LED3MR11NF/30K



**MR16**  
**Non-Dimmable**  
 LED6MR16FL/30K

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Color Temp.	CRI	Lumens	CBCP	Average Hours	M.O.L.	M.O.D.	Notes
3.5	MR11	GU4	771500	LED3MR11NF/30K	12	10 / 50	Flood 36°	3000K	80	150	-	25,000	1.5"	1.375"	2
6	MR16	GU5.3	771073	LED6MR16FL/30K	12	1 / 10	Flood 36°	3000K	80	300	480	25,000	2"	2"	2,3,4,5



# LED MR16

## Dimmable (12V)

- Size and shape emulate halogen lamps
- 7.7W LED MR16s high 90 CRI offers excellent color rendering
- Ideal for residential and commercial applications most commonly used in track lighting and recessed lighting



**LED = Halogen**  
7.7W = 50W  
9W = 50W



### MR16 12V Dimmable GU5.3 Base STANDARD CRI

LED9MR16NF/827/D  
LED9MR16NF/830/D  
LED9MR16FL/827/D  
LED9MR16FL/830/D

### MR16 12V Dimmable GU5.3 Base HIGH CRI 90

LED7MR16NF/927/D  
LED7MR16NF/930/D  
LED7MR16FL/927/D  
LED7MR16FL/930/D

**DIRECTIONAL**

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Color Temp.	CRI	Lumens	CBPC	Average Hours	M.O.L.	M.O.D.	Notes pg. 58
7.7	MR16	GU5.3	771090	LED7MR16NF/927/D	12	1 / 10	N. Flood 25°	2700K	90	480	2323	25,000	1.875"	2"	1,2,3,4,5
			771091	LED7MR16NF/930/D	12	1 / 10	N. Flood 25°	3000K	90	500	2323	25,000	1.875"	2"	1,2,3,4,5
			771092	LED7MR16FL/927/D	12	1 / 10	Flood 35°	2700K	90	480	1254	25,000	1.875"	2"	1,2,3,4,5
			771093	LED7MR16FL/930/D	12	1 / 10	Flood 35°	3000K	90	500	1254	25,000	1.875"	2"	1,2,3,4,5
9	MR16	GU5.3	771190	LED9MR16NF/827/D	12	1 / 10	N. Flood 25°	2700K	80	700	2323	25,000	1.875"	2"	1,2,3,4,7
			771191	LED9MR16NF/830/D	12	1 / 10	N. Flood 25°	3000K	80	700	2323	25,000	1.875"	2"	1,2,3,4,7
			771192	LED9MR16FL/827/D	12	1 / 10	Flood 35°	2700K	80	700	1315	25,000	1.875"	2"	1,2,3,4,7
			771193	LED9MR16FL/830/D	12	1 / 10	Flood 35°	3000K	80	700	1315	25,000	1.875"	2"	1,2,3,4,7

# LED MR16

## Dimmable (120V)

- High performance driver offers smooth dimming and is compatible with a variety of dimmers (120V)



**LED = Halogen**  
 6W = 35W MR16  
 6W = 20W PAR16



DIRECTIONAL



**MR16**  
**Twist & Lock (GU10) Base**  
 LED6MR16GU/30K/D-SN



**PAR16**  
**Medium (E26) Base**  
 LED6MR16SW/D/E26

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Color Temp.	CRI	Lumens	CBCP	Average Hours	M.O.L.	M.O.D.	Notes pg. 58
6	MR16	GU10	<b>771172</b>	<b>LED6MR16GU/30K/D-SN</b>	120	1 / <b>10</b>	Flood 36°	3000K	80	300	1255	50,000	1.875"	2"	2,3,4,5
	PAR16	E26	<b>771200</b>	<b>LED6MR16SW/D/E26</b>	120	1 / <b>12</b>	Flood 36°	3000K	80	300	1047	50,000	2.125"	2"	1,3,4,5

# LED Plus PARs

## PAR20

- High performance driver offers smooth dimming and is compatible with a variety of dimmers
- High 90 CRI offers excellent color rendering
- Silver finish shell closely resembles traditional halogen PARs
- LED PLUS Series PARs are UL wet location rated and can be used in a location in which water or other liquid may drip, splash, or flow on or against electrical equipment
- Ideal for residential and commercial applications most commonly used in recessed and track lighting
- Great for outdoor security lighting, landscape and for recessed shower lighting



LED = Halogen  
7W = 50W



### PAR20

- LED7PAR20/NF25/827/WD
- LED7PAR20/FL40/827/WD
- LED7PAR20/NF25/830/WD
- LED7PAR20/FL40/830/WD
- LED7PAR20/NF25/840/WD
- LED7PAR20/FL40/840/WD

DIRECTIONAL

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Color Temp.	CRI	Lumens	CBP	Average Hours	M.O.L.	M.O.D.	Notes pg. 58
7	PAR20	E26	772710	LED7PAR20/NF25/827/WD	120	1 / 10	N. Flood 25°	2700K	80	525	1180	25000	3.125"	2.5"	1,2,4,5
			772711	LED7PAR20/FL40/827/WD	120	1 / 10	Flood 40°	2700K	80	525	680	25000	3.125"	2.5"	1,2,4,5
			772714	LED7PAR20/NF25/830/WD	120	1 / 10	N. Flood 25°	3000K	80	525	1180	25000	3.125"	2.5"	1,2,4,5
			772715	LED7PAR20/FL40/830/WD	120	1 / 10	Flood 40°	3000K	80	525	680	25000	3.125"	2.5"	1,2,4,5
			772717	LED7PAR20/NF25/840/WD	120	1 / 10	N. Flood 25°	4000K	80	525	1180	25000	3.125"	2.5"	1,2,4,5
			772718	LED7PAR20/FL40/840/WD	120	1 / 10	Flood 40°	4000K	80	525	680	25000	3.125"	2.5"	1,2,4,5

## LED Plus PARs

### PAR30 Short Neck, Long Neck

- High performance driver offers smooth dimming and is compatible with a variety of dimmers
- High 90 CRI offers excellent color rendering
- Silver finish shell closely resembles traditional halogen PARs
- LED PLUS PARs are UL wet location rated and can be used in a location in which water or other liquid may drip, splash, or flow on or against electrical equipment
- Ideal for residential and commercial applications most commonly used in recessed and track lighting
- Great for outdoor security lighting, landscape and for recessed shower lighting



#### Standard 80 CRI

13W LED = 50W HALOGEN Short Neck  
13W LED = 75W HALOGEN Long Neck

#### High 90 CRI

13W LED = 45W HALOGEN Short Neck  
13W LED = 50W HALOGEN Long Neck



#### PAR30 Short Neck STANDARD CRI

LED13PAR30S/NF25/827/WD  
LED13PAR30S/FL40/827/WD  
LED13PAR30S/NF25/830/WD  
LED13PAR30S/FL40/830/WD  
LED13PAR30S/NF25/840/WD  
LED13PAR30S/FL40/840/WD

#### PAR30 Short Neck HIGH CRI 90

LED13PAR30S/FL40/927/WD  
LED13PAR30S/FL40/930/WD



#### PAR38 Long Neck STANDARD CRI

LED13PAR30L/NF25/827/WD  
LED13PAR30L/FL40/827/WD  
LED13PAR30L/NF25/830/WD  
LED13PAR30L/FL40/830/WD  
LED13PAR30L/NF25/840/WD  
LED13PAR30L/FL40/840/WD

#### PAR38 Long Neck HIGH CRI 90

LED13PAR30L/FL40/927/WD  
LED13PAR30L/FL40/930/WD



DIRECTIONAL

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Color Temp.	CRI	Lumens	CBCP	Average Hours	M.O.L.	M.O.D.	Notes pg. 58
13	PAR30 SN	E26	772720	LED13PAR30S/NF25/827/WD	120	1 / 10	N. Flood 25°	2700K	80	1000	1680	25,000	3.62"	3.75"	1,2,4,5
			772721	LED13PAR30S/FL40/827/WD	120	1 / 10	Flood 40°	2700K	80	1000	880	25,000	3.62"	3.75"	1,2,4,5
			772620	LED13PAR30S/FL40/927/WD	120	1 / 10	Flood 40°	2700K	90	820	680	25,000	3.62"	3.75"	1,2,4,5
			772723	LED13PAR30S/NF25/830/WD	120	1 / 10	N. Flood 25°	3000K	80	1000	1680	25,000	3.62"	3.75"	1,2,4,5
			772724	LED13PAR30S/FL40/830/WD	120	1 / 10	Flood 40°	3000K	80	1000	880	25,000	3.62"	3.75"	1,2,4,5
			772621	LED13PAR30S/FL40/930/WD	120	1 / 10	Flood 40°	3000K	90	820	680	25,000	3.62"	3.75"	1,2,4,5
	PAR30 LN	E26	772726	LED13PAR30S/NF25/840/WD	120	1 / 10	N. Flood 25°	4000K	80	1000	1680	25,000	3.62"	3.75"	1,2,4,5
			772727	LED13PAR30S/FL40/840/WD	120	1 / 10	Flood 40°	4000K	80	1000	880	25,000	3.62"	3.75"	1,2,4,5
			772730	LED13PAR30L/NF25/827/WD	120	1 / 10	N. Flood 25°	2700K	80	1000	2900	25,000	4.75"	3.75"	1,2,4,5
			772731	LED13PAR30L/FL40/827/WD	120	1 / 10	Flood 40°	2700K	80	1000	1500	25,000	4.75"	3.75"	1,2,4,5
			772630	LED13PAR30L/FL40/927/WD	120	1 / 10	Flood 40°	2700K	90	820	1150	25,000	4.75"	3.75"	1,2,4,5
			772733	LED13PAR30L/NF25/830/WD	120	1 / 10	N. Flood 25°	3000K	80	1000	2900	25,000	4.75"	3.75"	1,2,4,5
PAR38 LN	E26	772734	LED13PAR30L/FL40/830/WD	120	1 / 10	Flood 40°	3000K	80	1000	1500	25,000	4.75"	3.75"	1,2,4,5	
		772631	LED13PAR30L/FL40/930/WD	120	1 / 10	Flood 40°	3000K	90	820	1150	25,000	4.75"	3.75"	1,2,4,5	
		772736	LED13PAR30L/NF25/840/WD	120	1 / 10	N. Flood 25°	4000K	80	1000	2900	25,000	4.75"	3.75"	1,2,4,5	
		772737	LED13PAR30L/FL40/840/WD	120	1 / 10	Flood 40°	4000K	80	1000	1500	25,000	4.75"	3.75"	1,2,4,5	

# LED Plus PARs

## PAR38

- High performance driver offers smooth dimming and is compatible with a variety of dimmers
- High 90 CRI offers excellent color rendering
- Silver finish shell closely resembles traditional halogen PARs
- LED PLUS PARs are UL wet location rated and can be used in a location in which water or other liquid may drip, splash, or flow on or against electrical equipment
- Ideal for residential and commercial applications most commonly used in recessed and track lighting
- Great for outdoor security lighting, landscape and for recessed shower lighting



LED = Halogen  
15W = 90W



### PAR38

#### STANDARD CRI

LED15PAR38/NF25/827/WD  
LED15PAR38/FL40/827/WD  
LED15PAR38/WFL60/827/WD  
LED15PAR38/NF25/830/WD  
LED15PAR38/FL40/830/WD  
LED15PAR38/WFL60/830/WD  
LED15PAR38/NF25/840/WD  
LED15PAR38/FL40/840/WD  
LED15PAR38/WFL60/840/WD

### PAR38

#### HIGH CRI 90

LED18PAR38/FL40/927/WD  
LED18PAR38/FL40/930/WD



DIRECTIONAL

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Color Temp.	CRI	Lumens	CBCP	Average Hours	M.O.L.	M.O.D.	Notes pg. 58
15	PAR38	E26	772740	LED15PAR38/NF25/827/WD	120	1 / 10	N. Flood 25°	2700K	80	1200	3600	25,000	5.25"	4.875"	1,2,4,5
			772741	LED15PAR38/FL40/827/WD	120	1 / 10	Flood 40°	2700K	80	1200	1800	25,000	5.25"	4.875"	1,2,4,5
			772742	LED15PAR38/WFL60/827/WD	120	1 / 10	W. Flood 60°	2700K	80	1200	1050	25,000	5.25"	4.875"	1,2,4,5
			772743	LED15PAR38/NF25/830/WD	120	1 / 10	N. Flood 25°	3000K	80	1200	3600	25,000	5.25"	4.875"	1,2,4,5
			772744	LED15PAR38/FL40/830/WD	120	1 / 10	Flood 40°	3000K	80	1200	1800	25,000	5.25"	4.875"	1,2,4,5
			772745	LED15PAR38/WFL60/830/WD	120	1 / 10	W. Flood 60°	3000K	80	1200	1050	25,000	5.25"	4.875"	1,2,4,5
			772746	LED15PAR38/NF25/840/WD	120	1 / 10	N. Flood 25°	4000K	80	1200	3600	25,000	5.25"	4.875"	1,2,4,5
			772747	LED15PAR38/FL40/840/WD	120	1 / 10	Flood 40°	4000K	80	1200	1800	25,000	5.25"	4.875"	1,2,4,5
			772748	LED15PAR38/WFL60/840/WD	120	1 / 10	W. Flood 60°	4000K	80	1200	1050	25,000	5.25"	4.875"	1,2,4,5
18	PAR38	E26	772640	LED18PAR38/FL40/927/WD	120	1 / 10	Flood 40°	2700K	90	1150	1600	25,000	5.25"	4.875"	1,2,4,5
			772641	LED18PAR38/FL40/930/WD	120	1 / 10	Flood 40°	3000K	90	1150	1600	25,000	5.25"	4.875"	1,2,4,5

# LED Dimmable Reflectors

## R20, BR30, BR40



- High performance driver offers smooth dimming and is compatible with a variety of dimmers
- Silver finish shell closely resembles traditional halogen PARs
- Smooth heatsink and bulbous shape closely resemble incandescent reflectors
- High 90 CRI BR30 is CEC listed complying with strict energy standards set by the California Energy Commission
- Ideal for residential and commercial applications most commonly used in recessed and track lighting

### LED = Incandescent

8W = 50W R20  
 11W = 65W BR30  
 15W = 80W BR30  
 16W = 85W BR40  
 20W = 120W BR40



DIRECTIONAL



### R20

#### STANDARD CRI

LED8R20/827/D/2  
 LED8R20/830/D/2

### BR30

#### STANDARD CRI

LED11BR30/827/D/2  
 LED11BR30/830/D/2  
 LED13BR30/827/D/2  
 LED13BR30/830/D/2

### BR30

#### HIGH CRI 90

LED16BR30/C/927/D



### BR40

#### STANDARD CRI

LED20BR40/827/D/2  
 LED20BR40/830/D/2

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Color Temp.	CRI	Lumens	Average Hours	M.O.L.	M.O.D.	Notes pg. 58
8	R20	E26	773255	LED8R20/827/D/2	120	1 / 10	2700K	80	550	25,000	4"	2.5"	1,3,4,5
			773256	LED8R20/830/D/2	120	1 / 10	3000K	80	550	25,000	4"	2.5"	1,3,4,5
11	BR30	E26	773355	LED11BR30/827/D/2	120	1 / 10	2700K	80	750	25,000	5.125"	3.75"	1,3,4,5
			773356	LED11BR30/830/D/2	120	1 / 10	3000K	80	750	25,000	5.125"	3.75"	1,3,4,5
13	BR30	E26	772840	LED13BR30/827/D/2	120	1 / 10	2700K	82	1050	25,000	5.12"	3.7"	1,3,4,5
			772841	LED13BR30/830/D/2	120	1 / 10	3000K	82	1050	25,000	5.12"	3.7"	1,3,4,5
16	BR30	E26	772810	LED16BR30/C/927/D	120	1 / 12	2700K	90	975	25,000	5.55"	3.35"	1,3,4,5
20	BR40	E26	772850	LED20BR40/827/D/2	120	1 / 10	2700K	80	1750	25,000	6.3"	4.72"	1,3,4,5
			772851	LED20BR40/830/D/2	120	1 / 10	3000K	80	1750	25,000	6.3"	4.72"	1,3,4,5

# LED Dimmable PARs

## PAR20, PAR30SN, PAR30LN, PAR38

- High performance driver offers smooth dimming and is compatible with a variety of dimmers
- Smooth heatsink and true shape closely resembles halogens
- Ideal for recessed and track lighting



**LED = Halogen**  
 8W = 50W PAR20  
 13W = 75W PAR30  
 15W = 75W PAR38



Dimmable



### PAR20

LED8PAR20NFL/830/D/2  
 LED8PAR20FL/830/D/2  
 LED8PAR20WFL/830/D/2

### PAR30 Short Neck

LED13PAR30S/NFL830/D/2  
 LED13PAR30S/FL830/D/2  
 LED13PAR30S/WFL830/D/2

### PAR30 Long Neck

LED13PAR30NFL/830/D/2  
 LED13PAR30FL/830/D/2  
 LED13PAR30WFL/830/D/2

### PAR38

LED15PAR38NFL/830/D/2  
 LED15PAR38FL/830/D/2  
 LED15PAR38WFL/830/D/2

DIRECTIONAL

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/ Master	Description	Color Temp.	CRI	Lumens	CBP	Average Hours	M.O.L.	M.O.D.	Notes pg. 58
8	PAR20	E26	773248	LED8PAR20NFL/830/D/2	120	1 / 10	N. Flood 25°	3000K	80	500	1600	25,000	3.333"	2.5"	D, 1,3,4,5
			773249	LED8PAR20FL/830/D/2	120	1 / 10	Flood 40°	3000K	80	500	890	25,000	3.333"	2.5"	D, 1,3,4,5
			773250	LED8PAR20WFL/830/D/2	120	1 / 10	W. Flood 60°	3000K	80	500	482	25,000	3.333"	2.5"	D, 1,3,4,5
13	PAR30SN	E26	773364	LED13PAR30S/NFL830/D/2	120	1 / 10	N. Flood 25°	3000K	80	800	2500	25,000	3.714"	3.75"	D, 1,3,4,5
			773367	LED13PAR30S/FL830/D/2	120	1 / 10	Flood 40°	3000K	80	800	1000	25,000	3.714"	3.75"	D, 1,3,4,5
			773365	LED13PAR30S/WFL830/D/2	120	1 / 10	W. Flood 60°	3000K	80	800	600	25,000	3.714"	3.75"	D, 1,3,4,5
	PAR30LN	E26	773371	LED13PAR30NFL/830/D/2	120	1 / 10	N. Flood 25°	3000K	80	800	2500	25,000	4.666"	3.75"	D, 1,3,4,5
			773372	LED13PAR30FL/830/D/2	120	1 / 10	Flood 40°	3000K	80	800	1000	25,000	4.666"	3.75"	D, 1,3,4,5
			773373	LED13PAR30WFL/830/D/2	120	1 / 10	W. Flood 60°	3000K	80	800	600	25,000	4.666"	3.75"	D, 1,3,4,5
15	PAR38	E26	773464	LED15PAR38NFL/830/D/2	120	1 / 10	N. Flood 25°	3000K	80	1000	3000	25,000	5.125"	4.75"	D, 1,3,4,5
			773465	LED15PAR38FL/830/D/2	120	1 / 10	Flood 40°	3000K	80	1000	1200	25,000	5.125"	4.75"	D, 1,3,4,5
			773466	LED15PAR38WFL/830/D/2	120	1 / 10	W. Flood 60°	3000K	80	1000	700	25,000	5.125"	4.75"	D, 1,3,4,5

# ELEVA<sup>®</sup>

## 01 Housing Adaptor



- Connector makes it easy to install
- Standard (E26) base socket simply screws into existing 4" recessed cans
- Fits most recessed cans. Housing Compatibility Guide available at [www.bulbrite.com/ELEVA](http://www.bulbrite.com/ELEVA)
- Patent Pending



ELEVA<sup>®</sup> Counter Display  
**Item #900028**  
**Ord. Code: ELEVA/DIS/COUNTER**  
*Call for promotional details.*

The ELEVA Counter Display features a recessed housing and dimmer allowing users to interact and experience ELEVA. The display tray below showcases all accessory options. ELEVA Brochures are included.

**Housing Adaptor**  
 LEDMAG4/HS

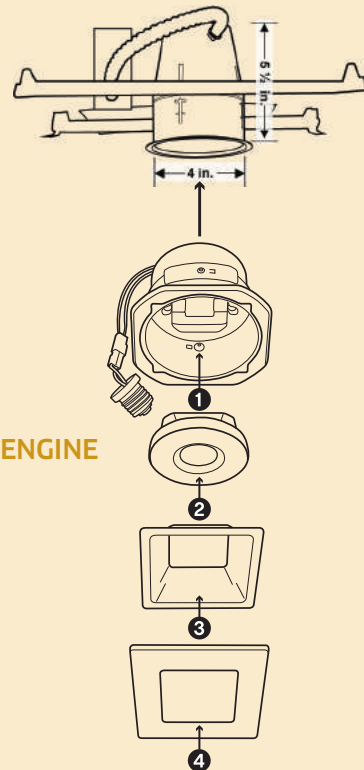
**Eleva Counter Display**  
 ELEVA/DIS/COUNTER

DIRECTIONAL

Ever look up at your ceiling and wish it looked as great as everything else in your home?

The ELEVA 4-part system:

- 1 4" DOWNLIGHT HOUSING ADAPTOR
- 2 DIMMABLE LED LIGHT ENGINE
- 3 REFLECTOR
- 4 TRIM



Item #	Ordering Code	Inner/Master	Description	M.O.L.	M.O.D.	Notes pg. 58
775590	LEDMAG4/HS	1 / 12	4" Housing	3.25"	4.75"	8
900028	ELEVA/DIS/COUNTER					



# ELEVA<sup>®</sup>

## 02 Light Engines

- Each light engine is fully dimmable. Dimmer Compatibility Guide available at [www.bulbrite.com/ELEVA](http://www.bulbrite.com/ELEVA)<sup>®</sup>
- Strong rare earth magnets made from neodymium snap your light engine securely in place making it easy to install
- 90 CRI Light Engines are Title 24 Compliant

2014 LIGHTING  
tomorrow  
LED Retrofit Kit Winner



**LED = Incandescent**  
11W 90 CRI = 60W Halogen  
11W 80 CRI = 75W Halogen



White Light Engine



Black Light Engine

### White Light Engines

Watts	Item #	Ordering Code	Volts	Inner/Master	Beam Angle	Color Temp.	CRI	Lumens	CBCP	Average Hours	M.O.L.	M.O.D.	Notes pg. 58
11	775600	LED11MAG/927WFL/WH	24	4/ 32	W. Flood 60°	2700K	90	650	505	25,000	0.75"	2.75"	1,8
	775601	LED11MAG/927FL/WH	24	4/ 32	Flood 36°	2700K	90	650	1280	25,000	0.75"	2.75"	1,8
	775602	LED11MAG/927NFL/WH	24	4/ 32	N. Flood 22°	2700K	90	650	2326	25,000	0.75"	2.75"	1,8
	775603	LED11MAG/930WFL/WH	24	4/ 32	W. Flood 60°	3000K	90	650	483	25,000	0.75"	2.75"	1,8
	775604	LED11MAG/930FL/WH	24	4/ 32	Flood 36°	3000K	90	650	1298	25,000	0.75"	2.75"	1,8
	775605	LED11MAG/930NFL/WH	24	4/ 32	N. Flood 22°	3000K	90	650	2397	25,000	0.75"	2.75"	1,8
	775610	LED11MAG/830WFL/WH	24	4/ 32	W. Flood 60°	3000K	80	800	698	25,000	0.75"	2.75"	1,8
	775611	LED11MAG/830FL/WH	24	4/ 32	Flood 36°	3000K	80	800	1597	25,000	0.75"	2.75"	1,8
	775612	LED11MAG/830NFL/WH	24	4/ 32	N. Flood 22°	3000K	80	800	1718	25,000	0.75"	2.75"	1,8
	775613	LED11MAG/827WFL/WH	24	4/ 32	W. Flood 60°	2700K	80	800	518	25,000	0.75"	2.75"	1,8
	775614	LED11MAG/827FL/WH	24	4/ 32	Flood 36°	2700K	80	800	1718	25,000	0.75"	2.75"	1,8
	775615	LED11MAG/827NFL/WH	24	4/ 32	N. Flood 22°	2700K	80	800	2916	25,000	0.75"	2.75"	1,8

### Black Light Engines

Watts	Item #	Ordering Code	Volts	Inner/Master	Beam Angle	Color Temp.	CRI	Lumens	CBCP	Average Hours	M.O.L.	M.O.D.	Notes pg. 58
11	775620	LED11MAG/927WFL/BK	24	4/ 32	W. Flood 60°	2700K	90	650	505	25,000	0.75"	2.75"	1,8
	775621	LED11MAG/927FL/BK	24	4/ 32	Flood 36°	2700K	90	650	1280	25,000	0.75"	2.75"	1,8
	775622	LED11MAG/927NFL/BK	24	4/ 32	N. Flood 22°	2700K	90	650	2326	25,000	0.75"	2.75"	1,8
	775623	LED11MAG/930WFL/BK	24	4/ 32	W. Flood 60°	3000K	90	650	483	25,000	0.75"	2.75"	1,8
	775624	LED11MAG/930FL/BK	24	4/ 32	Flood 36°	3000K	90	650	1298	25,000	0.75"	2.75"	1,8
	775625	LED11MAG/930NFL/BK	24	4/ 32	N. Flood 22°	3000K	90	650	2397	25,000	0.75"	2.75"	1,8
	775630	LED11MAG/830WFL/BK	24	4/ 32	W. Flood 60°	3000K	80	800	698	25,000	0.75"	2.75"	1,8
	775631	LED11MAG/830FL/BK	24	4/ 32	Flood 36°	3000K	80	800	1597	25,000	0.75"	2.75"	1,8
	775632	LED11MAG/830NFL/BK	24	4/ 32	N. Flood 22°	3000K	80	800	1718	25,000	0.75"	2.75"	1,8
	775633	LED11MAG/827WFL/BK	24	4/ 32	W. Flood 60°	2700K	80	800	518	25,000	0.75"	2.75"	1,8
	775634	LED11MAG/827FL/BK	24	4/ 32	Flood 36°	2700K	80	800	1718	25,000	0.75"	2.75"	1,8
	775635	LED11MAG/827NFL/BK	24	4/ 32	N. Flood 22°	2700K	80	800	2916	25,000	0.75"	2.75"	1,8



DIRECTIONAL

# ELEVA®

## 03 Reflectors

2014 LIGHTING for tomorrow  
LED Retrofit Kit Winner



- ELEVA® reflectors are compatible with round and square ELEVA® trims
- Available in white, black, bronze, chrome, and brushed nickel

### Reflectors

Round

**WHITE**



Item #: 775720  
Ordering Code:  
LEDMAG4/RRWH

**BLACK**



Item #: 775721  
Ordering Code:  
LEDMAG4/RRBK

**BRONZE**



Item #: 775722  
Ordering Code:  
LEDMAG4/RRBZ

**CHROME**



Item #: 775723  
Ordering Code:  
LEDMAG4/RRCH

**BRUSHED NICKEL**



Item #: 775724  
Ordering Code:  
LEDMAG4/RRNI

### Reflectors

Square

**WHITE**



Item #: 775725  
Ordering Code:  
LEDMAG4/RSWH

**BLACK**



Item #: 775726  
Ordering Code:  
LEDMAG4/RSBK

**BRONZE**



Item #: 775727  
Ordering Code:  
LEDMAG4/RSBZ

**CHROME**



Item #: 775728  
Ordering Code:  
LEDMAG4/RSCH

**BRUSHED NICKEL**



Item #: 775729  
Ordering Code:  
LEDMAG4/RSNI

Item Type	Item #	Ordering Code	Inner/ Master	Description	M.O.L.	M.O.D.
Round Reflector	<b>775720</b>	<b>LEDMAG4/RRWH</b>	1 / <b>12</b>	Reflector - Round White	1"	4.125"
	<b>775721</b>	<b>LEDMAG4/RRBK</b>	1 / <b>12</b>	Reflector - Round Black	1"	4.125"
	<b>775722</b>	<b>LEDMAG4/RRBZ</b>	1 / <b>12</b>	Reflector - Round Bronze	1"	4.125"
	<b>775723</b>	<b>LEDMAG4/RRCH</b>	1 / <b>12</b>	Reflector - Round Chrome	1"	4.125"
	<b>775724</b>	<b>LEDMAG4/RRNI</b>	1 / <b>12</b>	Reflector - Round Brushed Nickel	1"	4.125"
Square Reflector	<b>775725</b>	<b>LEDMAG4/RSWH</b>	1 / <b>12</b>	Reflector - Square White	1"	3.375"
	<b>775726</b>	<b>LEDMAG4/RSBK</b>	1 / <b>12</b>	Reflector - Square Black	1"	3.375"
	<b>775727</b>	<b>LEDMAG4/RSBZ</b>	1 / <b>12</b>	Reflector - Square Bronze	1"	3.375"
	<b>775728</b>	<b>LEDMAG4/RSCH</b>	1 / <b>12</b>	Reflector - Square Chrome	1"	3.375"
	<b>775729</b>	<b>LEDMAG4/RSNI</b>	1 / <b>12</b>	Reflector - Square Brushed Nickel	1"	3.375"

DIRECTIONAL

# ELEVA®

## 04 Trims

2014  
LIGHTING  
tomorrow  
LED Retrofit Kit Winner



- ELEVA® trims are compatible with round and square ELEVA® reflectors - though we don't recommend square reflectors with round trims
- Available in white, black, bronze, chrome, and brushed nickel
- Ultra-strong neodymium magnets easily snap onto the unit, no tools required and hold ELEVA® components together securely

### Trims

Round



Item #: 775700  
Ordering Code:  
LEDMAG4/TRWH

Item #: 775701  
Ordering Code:  
LEDMAG4/TRBK

Item #: 775702  
Ordering Code:  
LEDMAG4/TRBZ

Item #: 775703  
Ordering Code:  
LEDMAG4/TRCH

Item #: 775704  
Ordering Code:  
LEDMAG4/TRNI

### Trims

Square



Item #: 775705  
Ordering Code:  
LEDMAG4/TSWH

Item #: 775706  
Ordering Code:  
LEDMAG4/TSBK

Item #: 775707  
Ordering Code:  
LEDMAG4/TSBZ

Item #: 775708  
Ordering Code:  
LEDMAG4/TSCH

Item #: 775709  
Ordering Code:  
LEDMAG4/TSNI

DIRECTIONAL

Item Type	Item #	Ordering Code	Inner/ Master	Description	M.O.L.	M.O.D.
Round Trim	<b>775700</b>	<b>LEDMAG4/TRWH</b>	1 / 12	Trim - Round White	0.25"	5.5"
	<b>775701</b>	<b>LEDMAG4/TRBK</b>	1 / 12	Trim - Round Black	0.25"	5.5"
	<b>775702</b>	<b>LEDMAG4/TRBZ</b>	1 / 12	Trim - Round Bronze	0.25"	5.5"
	<b>775703</b>	<b>LEDMAG4/TRCH</b>	1 / 12	Trim - Round Chrome	0.25"	5.5"
	<b>775704</b>	<b>LEDMAG4/TRNI</b>	1 / 12	Trim - Round Brushed Nickel	0.25"	5.5"
Square Trim	<b>775705</b>	<b>LEDMAG4/TSWH</b>	1 / 12	Trim - Square White	0.25"	4.75"
	<b>775706</b>	<b>LEDMAG4/TSBK</b>	1 / 12	Trim - Square Black	0.25"	4.75"
	<b>775707</b>	<b>LEDMAG4/TSBZ</b>	1 / 12	Trim - Square Bronze	0.25"	4.75"
	<b>775708</b>	<b>LEDMAG4/TSCH</b>	1 / 12	Trim - Square Chrome	0.25"	4.75"
	<b>775709</b>	<b>LEDMAG4/TSNI</b>	1 / 12	Trim - Square Brushed Nickel	0.25"	4.75"

SPECIALTY





# LED Specialty

## JC Bi-Pin, Festoon



- LED 0.6W JC Bi-Pin is a true retrofit for bi-pin lamps (12V)
- LED 2.5W JC Bi-Pin is a high powered LED retrofit equivalent to a 10W Halogen (12V)
- LED Festoon is a true retrofit for festoon lamps (12V & 24V)

**LED = Xenon**  
 0.6W = 3W  
 0.8W = 3W



**BI-PIN**  
 LED3JC/12WW



**BI-PIN**  
 LED/JC/12WW  
 LED/JC/12CW



**FESTOON**  
 LED/FEST/12  
 LED/FEST/24

**SPECIALTY**

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Color Temp.	CRI	Lumens	Average Hours	M.O.L.	M.O.D.	Notes pg. 58
0.6	JC	G4	770510	LED/JC/12WW	12	10 / 50	Warm White	2700K	70	30	15,000	1.25"	.4"	1,5
			770511	LED/JC/12CW	12	10 / 50	Cool White	6000K	70	35	15,000	1.25"	.4"	1,5
0.8	T3	Festoon	770530	LED/FEST/12	12	10 / 50	Soft White	3000K	82	30	30,000	1.625"	.45"	1,5
			770531	LED/FEST/24	24	10 / 50	Soft White	3000K	82	35	30,000	1.625"	.45"	1,5
2.2	JC	G4	770513	LED3JC/12WW	12	1 / 25	Soft White	3000K	82	170	15,000	1.3"	.75"	1,5

# LED Specialty

## Wedge, G8, G9

- Offers 360° illumination and is a true retrofit for wedge lamps (12V)
- LED 3W G9, GY6, G8 are high powered LED retrofits equivalent to a 20W Halogen (120V)
- LED 5W G9 high powered LED retrofits equivalent to a 40W Halogen (120V)
- Ideal for use in residential and commercial applications most commonly used for landscape, signs and displays



**LED = Halogen**

3W = 10W

3W = 20W

2.5W = 10W

5W = 40W



**G9**

LED3G9/SW



Dimmable

**Dimmable G9**

LED5G9/SW/D



Dimmable

**Dimmable G9 Long**

LED5G9/SW/D/L



Dimmable

**Dimmable WEDGE**

LED3WEDGE/12



Dimmable

**Dimmable GY6**

LED3GY6/SW/D



Dimmable

**Dimmable G8**

LED3G8/SW/D

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Color Temp.	CRI	Lumens	Average Hours	M.O.L.	M.O.D.	Notes pg. 58
2.5	T4	G9	<b>770550</b>	<b>LED3G9/SW</b>	120	1 / <b>25</b>	Soft White	3000K	82	250	15,000	2.1"	.75"	1,5
	T3	Wedge	<b>770522</b>	<b>LED3WEDGE/12</b>	12	1 / <b>25</b>	Soft White	3000K	82	170	15,000	1.4"	.75"	1,5
3	T4	GY6	<b>770560</b>	<b>LED3GY6/SW/D</b>	120	1 / <b>25</b>	Soft White	3000K	80	350	15,000	1.6"	.75"	1,5
		G8	<b>770570</b>	<b>LED3G8/SW/D</b>	120	1 / <b>25</b>	Soft White	3000K	80	270	15,000	1.6"	.75"	1,5
5	T4	G9	<b>770552</b>	<b>LED5G9/SW/D</b>	120	1 / <b>25</b>	Soft White	3000K	80	350	15,000	2.4"	1.6"	1,5
		G9	<b>770553</b>	<b>LED5G9/SW/D/L</b>	120	1 / <b>25</b>	Soft White	3000K	80	450	15,000	1.6"	.9"	1,5



# LED Specialty Colors

## C7, C9, G14 (120V)

- C7 and C9 bright LED replacement bulbs are a true retrofit for their incandescent lamp counterparts
- Globes have decorative shape and are a true retrofit for their incandescent lamps counterparts
- Ideal for indoor and outdoor use most commonly used in amusement parks, hotels, signs and displays



**LED = Incandescent**  
 0.6W = 5W  
 1.5W = 15W



### C7

LED/C7C    LED/C7O  
 LED/C7Y    LED/C7P  
 LED/C7B    LED/C7R  
 LED/C7G    LED/C7PU

### C9

LED/C9C    LED/C9O  
 LED/C9Y    LED/C9P  
 LED/C9B    LED/C9R  
 LED/C9G    LED/C9PU

### G14

LED/G14B  
 LED/G14G  
 LED/G14R  
 LED/G14Y  
 LED/G14W

SPECIALTY

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/ Master	Description	Average Hours	M.O.L.	M.O.D.			
0.6	C7	E12	770171	LED/C7C	120	25 / 100	Warm White	30,000	2.1875"	0.875"			
			770172	LED/C7Y	120	25 / 100	Yellow	30,000	2.1875"	0.875"			
			770173	LED/C7B	120	25 / 100	Blue	30,000	2.1875"	0.875"			
			770174	LED/C7G	120	25 / 100	Green	30,000	2.1875"	0.875"			
			770175	LED/C7O	120	25 / 100	Orange	30,000	2.1875"	0.875"			
			770176	LED/C7P	120	25 / 100	Pink	30,000	2.1875"	0.875"			
			770177	LED/C7R	120	25 / 100	Red	30,000	2.1875"	0.875"			
			770178	LED/C7PU	120	25 / 100	Purple	30,000	2.1875"	0.875"			
	C9	E17	770191	LED/C9C	120	25 / 100	Warm White	30,000	2.9375"	1.125"			
			770192	LED/C9Y	120	25 / 100	Yellow	30,000	2.9375"	1.125"			
			770193	LED/C9B	120	25 / 100	Blue	30,000	2.9375"	1.125"			
			770194	LED/C9G	120	25 / 100	Green	30,000	2.9375"	1.125"			
			770195	LED/C9O	120	25 / 100	Orange	30,000	2.9375"	1.125"			
			770196	LED/C9P	120	25 / 100	Pink	30,000	2.9375"	1.125"			
			770197	LED/C9R	120	25 / 100	Red	30,000	2.9375"	1.125"			
			770198	LED/C9PU	120	25 / 100	Purple	30,000	2.9375"	1.125"			
			1	G14	E26	770151	LED/G14B	120	1 / 10	Blue	15,000	2.555"	1.75"
						770152	LED/G14G	120	1 / 10	Green	15,000	2.555"	1.75"
770153	LED/G14R	120				1 / 10	Red	15,000	2.555"	1.75"			
770154	LED/G14Y	120				1 / 10	Yellow	15,000	2.555"	1.75"			
770155	LED/G14W	120				1 / 10	Daylight	15,000	2.555"	1.75"			



# LED Commercial

## 1383 Elevator Lamps, Exit Light



**LED = Incandescent**  
2W = 20W

- Exit Light Kit requires less maintenance due to long life and durability and includes 2 candelabra based LED exit bulbs; 2 candelabra to D.C. bayonet adaptors; 2 candelabra to intermediate adaptors
- 1383 Elevator Lamps lasts 30 times longer, requires less maintenance and uses 87% less energy than incandescent alternatives
- Ideal for use in commercial applications



**1383 Elevator Lamp**

LED/1383/30K



**EXIT KIT**

LED/EX-KT

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Average Hours	M.O.L.	M.O.D.	Notes pg. 58
1	T6.5	E12-E17-DCBAY	<b>707550</b>	<b>LED/EX-KT</b>	120	1 / <b>12</b>	Red	30,000	4.75"	1.75"	-
2	R12	BA15S	<b>770541</b>	<b>LED/1383/30K</b>	12	1 / <b>25</b>	Soft White Flood 110°	30,000	2.5"	1.75"	2



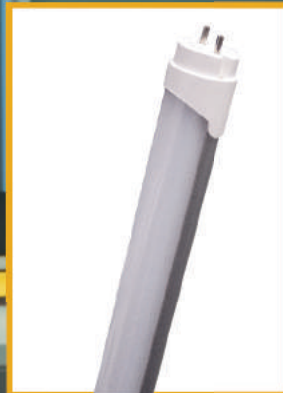
LED

LINEAR





Toilets ♀ →  
Toilets ♂ →



## LED T8 S14s Base

- Energy saving LED alternatives to traditional incandescent T8 linear lamps
- Simple installation (no ballast or transformer required)
- Long Life - 50,000 hour life
- Ideal for bathroom lighting applications



**LED = Incandescent**  
 4W = 35W  
 6W = 60W  
 10W = 150W



**LED T8 LINEAR TUBE - 4W**

LED/LI4T8/27K



**SIDE VIEW**



**LED T8 LINEAR TUBE - 6W**

LED/LI6T8/27K



**LED T8 LINEAR TUBE - 10W**

LED/LI10T8/27K

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Color Temp.	CRI	Lumens	Average Hours	M.O.L.	Notes pg. 58
4	T8	S14s	<b>770604</b>	<b>LED/LI4T8/27K</b>	120	1 / <b>25</b>	Warm White	2700K	80	300	50,000	11.75"	5
6	T8	S14s	<b>770606</b>	<b>LED/LI6T8/27K</b>	120	1 / <b>25</b>	Warm White	2700K	80	450	50,000	19.625"	5
10	T8	S14s	<b>770610</b>	<b>LED/LI10T8/27K</b>	120	1 / <b>25</b>	Warm White	2700K	80	900	50,000	39.375"	5



# LED T8

## G13 Base

- Energy saving LED alternatives to traditional fluorescent T12 or T8 lamps
- Universal input 90-277V; 50/60Hz (internal driver)
- Long Life - 50,000 hour life
- No warm-up time, instant on (perfect for applications with occupancy sensors)
- Simple rewiring only requires ballast to be bypassed, allowing fixture to maintain UL compliance
- Design Lights Consortium (DLC) Qualified
- Use only NON-SHUNTED socket at the line voltage end. One (1) NON-SHUNTED socket is included per lamp if socket retrofit is required.



**LED = Fluorescent**  
20W = 32W



### LED T8

LED20T8/830K  
LED20T8/840K

1 NON-SHUNTED TOMBSTONE IS INCLUDED WITH THIS LAMP FOR INSTALLATION. ONLY USE IF NEEDED. PLEASE REFER TO THE INSTRUCTION GUIDE.

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Color Temp.	CRI	Lumens	Average Hours	M.O.L.	M.O.D.	Notes pg. 58
20	T8	G13	776005	LED20T8/30K	100-277	1 / 25	Soft White	3000K	80	2000	50,000	47.25"	1"	1,4,5,9
			776006	LED20T8/40K	100-277	1 / 25	Cool White	4000K	80	2000	50,000	47.25"	1"	1,4,5,9

LINEAR

LED

S RAA®





# SORAA® Vivid & Brilliant MR16

## GU5.3 - 12V Dimmable

- Works with trailing edge and leading edge phase cut dimmers
- Enclosed fixture compatibility allows operation in damp or outdoor locations
- White point accuracy within 3 SDCM
- CUL rated for 12VAC NEC Class 1 and Class 2 systems
- SORAA SNAP SYSTEM compatible with spot models
- VIVID lamps offer excellent color rendering - CRI = 95, R9 = 95
- BRILLIANT lamps offer higher light output



Spot

**VIVID**  
**LED = Halogen**  
 6W = 35W  
 7.5W = 50W  
 9W = 60W

**BRILLIANT**  
**LED = Halogen**  
 6W = 40W  
 7.5W = 65W  
 9W = 75W



Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Color Temp.	CRI	Lumens	CBCP	Average Hours	M.O.L.	Notes			
6	MR16	GU5.3	777050	SM16-06-25D-927-03	12	1 / 10	N. Flood 25°	2700K	95	275	1570	35,000	1.875"	1,2,5			
			777051	SM16-06-36D-927-03	12	1 / 10	Flood 36°	2700K	95	285	740	35,000	1.875"	1,2,5			
			777052	SM16-06-25D-930-03	12	1 / 10	N. Flood 25°	3000K	95	310	1710	35,000	1.875"	1,2,5			
			777053	SM16-06-36D-930-03	12	1 / 10	Flood 36°	3000K	95	310	810	35,000	1.875"	1,2,5			
7.5	MR16	GU5.3	777054	SM16-07-10D-927-03	12	1 / 10	Spot 10°	2700K	95	380	5560	35,000	1.875"	1,2,5			
			777055	SM16-07-25D-927-03	12	1 / 10	N. Flood 25°	2700K	95	400	2210	35,000	1.875"	1,2,5			
			777056	SM16-07-36D-927-03	12	1 / 10	Flood 36°	2700K	95	400	1040	35,000	1.875"	1,2,5			
			777057	SM16-07-10D-930-03	12	1 / 10	Spot 10°	3000K	95	410	6000	35,000	1.875"	1,2,5			
			777058	SM16-07-25D-930-03	12	1 / 10	N. Flood 25°	3000K	95	435	2400	35,000	1.875"	1,2,5			
			777059	SM16-07-36D-930-03	12	1 / 10	Flood 36°	3000K	95	435	1130	35,000	1.875"	1,2,5			
			777060	SM16-07-10D-940-03	12	1 / 10	Spot 10°	4000K	95	430	6290	35,000	1.875"	1,2,5			
			777061	SM16-07-25D-940-03	12	1 / 10	N. Flood 25°	4000K	95	455	2510	35,000	1.875"	1,2,5			
			777062	SM16-07-36D-940-03	12	1 / 10	Flood 36°	4000K	95	455	1190	35,000	1.875"	1,2,5			
			777063	SM16-07-10D-950-03	12	1 / 10	Spot 10°	5000K	95	430	6290	35,000	1.875"	1,2,5			
9	MR16	GU5.3	777064	SM16-07-25D-950-03	12	1 / 10	N. Flood 25°	5000K	95	455	2510	35,000	1.875"	1,2,5			
			777065	SM16-07-36D-950-03	12	1 / 10	Flood 36°	5000K	95	455	1190	35,000	1.875"	1,2,5			
			777066	SM16-09-25D-927-03	12	1 / 10	N. Flood 25°	2700K	95	455	2510	35,000	1.875"	1,2,5			
			777067	SM16-09-36D-927-03	12	1 / 10	Flood 36°	2700K	95	455	1190	35,000	1.875"	1,2,5			
6	MR16	GU5.3	777068	SM16-09-25D-930-03	12	1 / 10	N. Flood 25°	3000K	95	490	2700	35,000	1.875"	1,2,5			
			777069	SM16-09-36D-930-03	12	1 / 10	Flood 36°	3000K	95	490	1280	35,000	1.875"	1,2,5			
			777070	SM16-06-25D-827-03	12	1 / 10	N. Flood 25°	2700K	80	345	1900	35,000	1.875"	1,2,5			
			777071	SM16-06-36D-827-03	12	1 / 10	Flood 36°	2700K	80	345	900	35,000	1.875"	1,2,5			
			777072	SM16-06-25D-830-03	12	1 / 10	N. Flood 25°	3000K	80	375	2070	35,000	1.875"	1,2,5			
			777073	SM16-06-36D-830-03	12	1 / 10	Flood 36°	3000K	80	375	980	35,000	1.875"	1,2,5			
			7.5	MR16	GU5.3	777074	SM16-07-10D-827-03	12	1 / 10	Spot 10°	2700K	80	465	6810	35,000	1.875"	1,2,5
						777075	SM16-07-25D-827-03	12	1 / 10	N. Flood 25°	2700K	80	485	2680	35,000	1.875"	1,2,5
						777076	SM16-07-36D-827-03	12	1 / 10	Flood 36°	2700K	80	485	1270	35,000	1.875"	1,2,5
						777077	SM16-07-10D-830-03	12	1 / 10	Spot 10°	3000K	80	500	7320	35,000	1.875"	1,2,5
777078	SM16-07-25D-830-03	12				1 / 10	N. Flood 25°	3000K	80	525	2900	35,000	1.875"	1,2,5			
9	MR16	GU5.3	777079	SM16-07-36D-830-03	12	1 / 10	Flood 36°	3000K	80	525	1370	35,000	1.875"	1,2,5			
			777080	SM16-09-25D-827-03	12	1 / 10	N. Flood 25°	2700K	80	550	3040	35,000	1.875"	1,2,5			
			777081	SM16-09-36D-827-03	12	1 / 10	Flood 36°	2700K	80	550	1440	35,000	1.875"	1,2,5			
			777082	SM16-09-25D-830-03	12	1 / 10	N. Flood 25°	3000K	80	590	3260	35,000	1.875"	1,2,5			
			777083	SM16-09-36D-830-03	12	1 / 10	Flood 36°	3000K	80	590	1540	35,000	1.875"	1,2,5			



# SORAA® Vivid & Brilliant MR16

## GU10 - 120V Dimmable

- Single source LED, with high CBCP and crisp single shadow of a halogen lamp
- Narrow spot CBCPs are superior in performance at 6000Cd for 95CRI models and 7300Cd for 80CRI models
- Works with trailing edge and leading edge phase cut dimmers
- White point accuracy within 3 SDCM
- CUL rated for 12VAC NEC Class 1 and Class 2 systems
- Automatic safety shut down in any thermal environment not conducive to minimum airflow or proper ventilation
- VP<sub>3</sub> technology for perfect and consistent rendering of colors and whites
- SORAA SNAP SYSTEM compatible with spot models
- Enclosed fixture compatibility allows operation in damp or outdoor locations
- VIVID lamps offer excellent color rendering - CRI = 95, R9 = 95
- BRILLIANT lamps offer higher light output



### Spot

GU10

### Flood & Narrow Flood

GU10

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Color Temp.	CRI	Lumens	CBCP	Average Hours	M.O.L.	Notes pg. 58
7.5	MR16	GU10	<b>777550</b>	<b>SM16GA-07-10D-927-03</b>	120	1 / 10	Spot 10°	2700K	95	390	5710	35,000	2.2"	1,5
			<b>777554</b>	<b>SM16GA-07-25D-927-03</b>	120	1 / 10	N. Flood 25°	2700K	95	410	2260	35,000	2.2"	1,5
			<b>777558</b>	<b>SM16GA-07-36D-927-03</b>	120	1 / 10	Flood 36°	2700K	95	410	1070	35,000	2.2"	1,5
			<b>777562</b>	<b>SM16GA-07-60D-927-03</b>	120	1 / 10	W. Flood 60°	2700K	95	410	440	35,000	2.2"	1,5
			<b>777551</b>	<b>SM16GA-07-10D-930-03</b>	120	1 / 10	Spot 10°	3000K	95	410	6000	35,000	2.2"	1,5
			<b>777555</b>	<b>SM16GA-07-25D-930-03</b>	120	1 / 10	N. Flood 25°	3000K	95	435	2400	35,000	2.2"	1,5
			<b>777559</b>	<b>SM16GA-07-36D-930-03</b>	120	1 / 10	Flood 36°	3000K	95	435	1130	35,000	2.2"	1,5
			<b>777563</b>	<b>SM16GA-07-60D-930-03</b>	120	1 / 10	W. Flood 60°	3000K	95	435	460	35,000	2.2"	1,5
			<b>777552</b>	<b>SM16GA-07-10D-940-03</b>	120	1 / 10	Spot 10°	4000K	95	430	6290	35,000	2.2"	1,5
			<b>777556</b>	<b>SM16GA-07-25D-940-03</b>	120	1 / 10	N. Flood 25°	4000K	95	455	2510	35,000	2.2"	1,5
			<b>777560</b>	<b>SM16GA-07-36D-940-03</b>	120	1 / 10	Flood 36°	4000K	95	455	1190	35,000	2.2"	1,5
			<b>777564</b>	<b>SM16GA-07-60D-940-03</b>	120	1 / 10	W. Flood 60°	4000K	95	455	490	35,000	2.2"	1,5
			<b>777553</b>	<b>SM16GA-07-10D-950-03</b>	120	1 / 10	Spot 10°	5000K	95	430	6290	35,000	2.2"	1,5
			<b>777557</b>	<b>SM16GA-07-25D-950-03</b>	120	1 / 10	N. Flood 25°	5000K	95	455	2510	35,000	2.2"	1,5
			<b>777561</b>	<b>SM16GA-07-36D-950-03</b>	120	1 / 10	Flood 36°	5000K	95	455	1190	35,000	2.2"	1,5
			<b>777565</b>	<b>SM16GA-07-60D-950-03</b>	120	1 / 10	W. Flood 60°	5000K	95	455	490	35,000	2.2"	1,5
7.5	MR16	GU10	<b>777566</b>	<b>SM16GA-07-10D-827-03</b>	120	1 / 10	Spot 10°	2700K	80	475	6950	35,000	2.2"	1,5
			<b>777568</b>	<b>SM16GA-07-25D-827-03</b>	120	1 / 10	N. Flood 25°	2700K	80	500	2760	35,000	2.2"	1,5
			<b>777570</b>	<b>SM16GA-07-36D-827-03</b>	120	1 / 10	Flood 36°	2700K	80	500	1310	35,000	2.2"	1,5
			<b>777572</b>	<b>SM16GA-07-60D-827-03</b>	120	1 / 10	W. Flood 60°	2700K	80	500	540	35,000	2.2"	1,5
			<b>777567</b>	<b>SM16GA-07-10D-830-03</b>	120	1 / 10	Spot 10°	3000K	80	500	7320	35,000	2.2"	1,5
			<b>777569</b>	<b>SM16GA-07-25D-830-03</b>	120	1 / 10	N. Flood 25°	3000K	80	525	2900	35,000	2.2"	1,5
			<b>777571</b>	<b>SM16GA-07-36D-830-03</b>	120	1 / 10	Flood 36°	3000K	80	525	1370	35,000	2.2"	1,5
			<b>777573</b>	<b>SM16GA-07-60D-830-03</b>	120	1 / 10	W. Flood 60°	3000K	80	525	560	35,000	2.2"	1,5



# SORAA® Vivid & Brilliant PAR20

## Medium Base (E26) - 120V Dimmable



### VIVID

**LED = Halogen**  
10.8W = 75W

### BRILLIANT

**LED = Halogen**  
10.8W = 90W



- Single source LED, with high CBCP and crisp single shadow of a halogen lamp
- Narrow spot CBCPs are superior in performance at 8600 Cd for 95CRI models and 11,000 Cd for 80CRI models
- Works with trailing edge and leading edge phase cut dimmers
- White point accuracy within 3 SDCM
- Automatic safety shut down in any thermal environment not conducive to minimum airflow or proper ventilation
- VP<sub>3</sub> technology for perfect and consistent rendering of colors and whites
- SORAA SNAP SYSTEM compatible with spot models
- Enclosed fixture compatibility allows operation in damp or outdoor locations
- VIVID lamps offer excellent color rendering - CRI = 95, R9 = 95
- BRILLIANT lamps offer higher light output
- Ideal for recessed and track lighting



**PAR20**  
**Medium Base (E26)**

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Color Temp.	CRI	Lumens	CBCP	Average Hours	M.O.L.	Notes pg. 58	
10.8	PAR20	E26	VIVID	777252	SP20-11-10D-927-03	120	1 / 10	Spot 10°	2700K	95	500	8000	35,000	3"	1,5
				777258	SP20-11-25D-927-03	120	1 / 10	N. Flood 25°	2700K	95	500	2640	35,000	3"	1,5
				777264	SP20-11-36D-927-03	120	1 / 10	Flood 36°	2700K	95	500	1240	35,000	3"	1,5
				777270	SP20-11-60D-927-03	120	1 / 10	W. Flood 60°	2700K	95	500	540	35,000	3"	1,5
				777253	SP20-11-10D-930-03	120	1 / 10	Spot 10°	3000K	95	540	5640	35,000	3"	1,5
				777259	SP20-11-25D-930-03	120	1 / 10	N. Flood 25°	3000K	95	540	2860	35,000	3"	1,5
				777265	SP20-11-36D-930-03	120	1 / 10	Flood 36°	3000K	95	540	1340	35,000	3"	1,5
				777271	SP20-11-60D-930-03	120	1 / 10	W. Flood 60°	3000K	95	540	580	35,000	3"	1,5
				777254	SP20-11-10D-940-03	120	1 / 10	Spot 10°	4000K	95	560	8960	35,000	3"	1,5
				777260	SP20-11-25D-940-03	120	1 / 10	N. Flood 25°	4000K	95	560	2960	35,000	3"	1,5
				777266	SP20-11-36D-940-03	120	1 / 10	Flood 36°	4000K	95	560	1400	35,000	3"	1,5
				777272	SP20-11-60D-940-03	120	1 / 10	W. Flood 60°	4000K	95	560	600	35,000	3"	1,5
				777255	SP20-11-10D-950-03	120	1 / 10	Spot 10°	5000K	95	565	9040	35,000	3"	1,5
				777261	SP20-11-25D-950-03	120	1 / 10	N. Flood 25°	5000K	95	565	2980	35,000	3"	1,5
777267	SP20-11-36D-950-03	120	1 / 10	Flood 36°	5000K	95	565	1400	35,000	3"	1,5				
777273	SP20-11-60D-950-03	120	1 / 10	W. Flood 60°	5000K	95	565	620	35,000	3"	1,5				
10.8	PAR20	E26	BRILLIANT	777250	SP20-11-10D-827-03	120	1 / 10	Spot 10°	2700K	80	640	10,240	35,000	3"	1,5
				777256	SP20-11-25D-827-03	120	1 / 10	N. Flood 25°	2700K	80	640	3380	35,000	3"	1,5
				777262	SP20-11-36D-827-03	120	1 / 10	Flood 36°	2700K	80	640	1600	35,000	3"	1,5
				777268	SP20-11-60D-827-03	120	1 / 10	W. Flood 60°	2700K	80	640	700	35,000	3"	1,5
				777251	SP20-11-10D-830-03	120	1 / 10	Spot 10°	3000K	80	690	11,040	35,000	3"	1,5
				777257	SP20-11-25D-830-03	120	1 / 10	N. Flood 25°	3000K	80	690	3640	35,000	3"	1,5
				777263	SP20-11-36D-830-03	120	1 / 10	Flood 36°	3000K	80	690	1720	35,000	3"	1,5
777269	SP20-11-60D-830-03	120	1 / 10	W. Flood 60°	3000K	80	690	740	35,000	3"	1,5				

# SORAA® Vivid PAR30

## Medium Base (E26) Short Neck

- Single source LED, the high CBCP and crisp single shadow of a halogen lamp
- Narrow spot CBCPs are superior in performance at 18,500 Cd for 95CRI models
- Works with trailing edge and leading edge phase cut dimmers
- White point accuracy within 3 SDCM
- Automatic safety shut down in any thermal environment not conducive to minimum airflow or proper ventilation
- VP3 technology for perfect and consistent rendering of colors and whites
- SORAA SNAP SYSTEM compatible with spot models
- Enclosed fixture compatibility allows operation in damp or outdoor locations
- VIVID lamps offer excellent color rendering - CRI = 95, R9 = 95
- Ideal for recessed and track lighting

**ENERGY SAVING** **UL US** **3 Year Warranty**

**LED = Halogen**  
 12.5W SPOT = 90W  
 12.5W FLOOD = 75W  
 18.5W = 100W

Dimmable



### PAR30 Short Neck

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Color Temp.	CRI	Lumens	CBCP	Average Hours	M.O.L.	Notes pg. 58			
12.5	PAR30SN	E26	777350	SP30S-12-08D-927-03	120	1 / 10	Spot 8°	2700K	95	575	15,520	35,000	3.222"	1,5			
			777351	SP30S-12-25D-927-03	120	1 / 10	N. Flood 25°	2700K	95	575	3100	35,000	3.222"	1,5			
			777352	SP30S-12-36D-927-03	120	1 / 10	Flood 36°	2700K	95	575	1420	35,000	3.222"	1,5			
			777353	SP30S-12-50D-927-03	120	1 / 10	W. Flood 50°	2700K	95	575	740	35,000	3.222"	1,5			
			777354	SP30S-12-08D-930-03	120	1 / 10	Spot 8°	3000K	95	620	16,740	35,000	3.222"	1,5			
			777355	SP30S-12-25D-930-03	120	1 / 10	N. Flood 25°	3000K	95	620	3340	35,000	3.222"	1,5			
			777356	SP30S-12-36D-930-03	120	1 / 10	Flood 36°	3000K	95	620	1540	35,000	3.222"	1,5			
			777357	SP30S-12-50D-930-03	120	1 / 10	W. Flood 50°	3000K	95	620	800	35,000	3.222"	1,5			
			777358	SP30S-12-08D-940-03	120	1 / 10	Spot 8°	4000K	95	645	17,400	35,000	3.222"	1,5			
			777359	SP30S-12-25D-940-03	120	1 / 10	N. Flood 25°	4000K	95	645	3480	35,000	3.222"	1,5			
			777360	SP30S-12-36D-940-03	120	1 / 10	Flood 36°	4000K	95	645	1600	35,000	3.222"	1,5			
			777361	SP30S-12-50D-940-03	120	1 / 10	W. Flood 50°	4000K	95	645	820	35,000	3.222"	1,5			
			777362	SP30S-12-08D-950-03	120	1 / 10	Spot 8°	5000K	95	650	17,540	35,000	3.222"	1,5			
			777363	SP30S-12-25D-950-03	120	1 / 10	N. Flood 25°	5000K	95	650	3500	35,000	3.222"	1,5			
			777364	SP30S-12-36D-950-03	120	1 / 10	Flood 36°	5000K	95	650	1620	35,000	3.222"	1,5			
			777365	SP30S-12-50D-950-03	120	1 / 10	W. Flood 50°	5000K	95	650	840	35,000	3.222"	1,5			
			18.5	PAR30SN	E26	777720	SP30S-18-09D-927-03	120	1 / 10	Spot 9°	2700K	95	930	22,400	35,000	3.222"	1,5
						777721	SP30S-18-25D-927-03	120	1 / 10	N. Flood 25°	2700K	95	930	5020	35,000	3.222"	1,5
777722	SP30S-18-36D-927-03	120				1 / 10	Flood 36°	2700K	95	930	2320	35,000	3.222"	1,5			
777723	SP30S-18-60D-927-03	120				1 / 10	W. Flood 60°	2700K	95	930	1020	35,000	3.222"	1,5			
777724	SP30S-18-09D-930-03	120				1 / 10	Spot 9°	3000K	95	1000	24,100	35,000	3.222"	1,5			
777725	SP30S-18-25D-930-03	120				1 / 10	N. Flood 25°	3000K	95	1000	5400	35,000	3.222"	1,5			
777726	SP30S-18-36D-930-03	120				1 / 10	Flood 36°	3000K	95	1000	2500	35,000	3.222"	1,5			
777727	SP30S-18-60D-930-03	120				1 / 10	W. Flood 60°	3000K	95	1000	1100	35,000	3.222"	1,5			
777728	SP30S-18-09D-940-03	120				1 / 10	Spot 9°	4000K	95	1040	25,060	35,000	3.222"	1,5			
777729	SP30S-18-25D-940-03	120				1 / 10	N. Flood 25°	4000K	95	1040	5600	35,000	3.222"	1,5			
777730	SP30S-18-36D-940-03	120	1 / 10	Flood 36°	4000K	95	1040	2600	35,000	3.222"	1,5						
777731	SP30S-18-60D-940-03	120	1 / 10	W. Flood 60°	4000K	95	1040	1140	35,000	3.222"	1,5						
777732	SP30S-18-09D-950-03	120	1 / 10	Spot 9°	5000K	95	1050	25,300	35,000	3.222"	1,5						
777733	SP30S-18-25D-950-03	120	1 / 10	N. Flood 25°	5000K	95	1050	5660	35,000	3.222"	1,5						
777734	SP30S-18-36D-950-03	120	1 / 10	Flood 36°	5000K	95	1050	2620	35,000	3.222"	1,5						
777735	SP30S-18-60D-950-03	120	1 / 10	W. Flood 60°	5000K	95	1050	1140	35,000	3.222"	1,5						





# SORAA® Vivid PAR30

## Medium Base (E26) Long Neck



- Single source LED, with high CBCP and crisp single shadow of a halogen lamp
- Narrow spot CBCPs are superior in performance at 18,500 Cd for 95CRI models
- Works with trailing edge and leading edge phase cut dimmers
- White point accuracy within 3 SDCM
- Automatic safety shut down in any thermal environment not conducive to minimum airflow or proper ventilation
- VP3 technology for perfect and consistent rendering of colors and whites
- SORAA SNAP SYSTEM compatible with spot models
- Enclosed fixture compatibility allows operation in damp or outdoor locations
- VIVID lamps offer excellent color rendering - CRI = 95, R9 = 95
- Ideal for recessed and track lighting

**LED = Halogen**  
 12.5W FLOOD = 75W  
 2.5W SPOT = 90W  
 18.5W = 100W



### PAR30 Long Neck

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Color Temp.	CRI	Lumens	CBCP	Average Hours	M.O.L.	Notes pg. 58
12.5	PAR30LN	E26	777375	SP30L-12-08D-927-03	120	1 / 10	Spot 8°	2700K	95	575	15,520	35,000	4.444"	1,5
			777376	SP30L-12-25D-927-03	120	1 / 10	N. Flood 25°	2700K	95	575	3100	35,000	4.444"	1,5
			777377	SP30L-12-36D-927-03	120	1 / 10	Flood 36°	2700K	95	575	1420	35,000	4.444"	1,5
			777378	SP30L-12-50D-927-03	120	1 / 10	W. Flood 50°	2700K	95	575	740	35,000	4.444"	1,5
			777379	SP30L-12-08D-930-03	120	1 / 10	Spot 8°	3000K	95	620	16,740	35,000	4.444"	1,5
			777380	SP30L-12-25D-930-03	120	1 / 10	N. Flood 25°	3000K	95	620	3340	35,000	4.444"	1,5
			777381	SP30L-12-36D-930-03	120	1 / 10	Flood 36°	3000K	95	620	1540	35,000	4.444"	1,5
			777382	SP30L-12-50D-930-03	120	1 / 10	W. Flood 50°	3000K	95	620	800	35,000	4.444"	1,5
			777383	SP30L-12-08D-940-03	120	1 / 10	Spot 8°	4000K	95	645	17,400	35,000	4.444"	1,5
			777384	SP30L-12-25D-940-03	120	1 / 10	N. Flood 25°	4000K	95	645	3480	35,000	4.444"	1,5
			777385	SP30L-12-36D-940-03	120	1 / 10	Flood 36°	4000K	95	645	1600	35,000	4.444"	1,5
			777386	SP30L-12-50D-940-03	120	1 / 10	W. Flood 50°	4000K	95	645	820	35,000	4.444"	1,5
			777387	SP30L-12-08D-950-03	120	1 / 10	Spot 8°	5000K	95	650	17,540	35,000	4.444"	1,5
			777388	SP30L-12-25D-950-03	120	1 / 10	N. Flood 25°	5000K	95	650	3500	35,000	4.444"	1,5
777389	SP30L-12-36D-950-03	120	1 / 10	Flood 36°	5000K	95	650	1620	35,000	4.444"	1,5			
777390	SP30L-12-50D-950-03	120	1 / 10	W. Flood 50°	5000K	95	650	840	35,000	4.444"	1,5			
18.5	PAR30LN	E26	777700	SP30L-18-09D-927-03	120	1 / 10	Spot 9°	2700K	95	930	22,400	35,000	4.444"	1,5
			777701	SP30L-18-25D-927-03	120	1 / 10	N. Flood 25°	2700K	95	930	5020	35,000	4.444"	1,5
			777702	SP30L-18-36D-927-03	120	1 / 10	Flood 36°	2700K	95	930	2320	35,000	4.444"	1,5
			777703	SP30L-18-60D-927-03	120	1 / 10	W. Flood 60°	2700K	95	930	1020	35,000	4.444"	1,5
			777704	SP30L-18-09D-930-03	120	1 / 10	Spot 9°	3000K	95	1000	24,100	35,000	4.444"	1,5
			777705	SP30L-18-25D-930-03	120	1 / 10	N. Flood 25°	3000K	95	1000	5400	35,000	4.444"	1,5
			777706	SP30L-18-36D-930-03	120	1 / 10	Flood 36°	3000K	95	1000	2500	35,000	4.444"	1,5
			777707	SP30L-18-60D-930-03	120	1 / 10	W. Flood 60°	3000K	95	1000	1100	35,000	4.444"	1,5
			777708	SP30L-18-09D-940-03	120	1 / 10	Spot 9°	4000K	95	1040	25,060	35,000	4.444"	1,5
			777709	SP30L-18-25D-940-03	120	1 / 10	N. Flood 25°	4000K	95	1040	5600	35,000	4.444"	1,5
			777710	SP30L-18-36D-940-03	120	1 / 10	Flood 36°	4000K	95	1040	2600	35,000	4.444"	1,5
			777711	SP30L-18-60D-940-03	120	1 / 10	W. Flood 60°	4000K	95	1040	1140	35,000	4.444"	1,5
			777712	SP30L-18-09D-950-03	120	1 / 10	Spot 9°	5000K	95	1050	25,300	35,000	4.444"	1,5
			777713	SP30L-18-25D-950-03	120	1 / 10	N. Flood 25°	5000K	95	1050	5660	35,000	4.444"	1,5
			777714	SP30L-18-36D-950-03	120	1 / 10	Flood 36°	5000K	95	1050	2620	35,000	4.444"	1,5
777715	SP30L-18-60D-950-03	120	1 / 10	W. Flood 60°	5000K	95	1050	1140	35,000	4.444"	1,5			

SORAA®

# SORAA® Brilliant PAR30

## Medium Base (E26) Long Neck, Short Neck

- Single source LED, with high CBCP and crisp single shadow of a halogen lamp
- Narrow spot CBCPs are superior in performance at 23,680 Cd for 80CRI models
- Works with trailing edge and leading edge phase cut dimmers
- White point accuracy within 3 SDCM
- Automatic safety shut down in any thermal environment not conducive to minimum airflow or proper ventilation
- VP<sub>3</sub> technology for perfect and consistent rendering of colors and whites
- SORAA SNAP SYSTEM compatible with spot models
- Enclosed fixture compatibility allows operation in damp or outdoor locations
- VIVID lamps offer excellent color rendering - CRI = 95, R9 = 95
- Ideal for recessed and track lighting



**LED = Halogen**  
 12.5W SPOT = 100W  
 12.5W FLOOD = 90W  
 18.5W 120W



### PAR30 Short Neck

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Color Temp.	CRI	Lumens	CBCP	Average Hours	M.O.L.	Notes pg. 58	
12.5	PAR30SN	E26	777366	SP30S-12-08D-827-03	120	1 / 10	Spot 8°	2700K	80	735	19,840	35,000	3.222"	1,5	
			777367	SP30S-12-25D-827-03	120	1 / 10	N. Flood 25°	2700K	80	735	3960	35,000	3.222"	1,5	
			777368	SP30S-12-36D-827-03	120	1 / 10	Flood 36°	2700K	80	735	1820	35,000	3.222"	1,5	
			777369	SP30S-12-50D-827-03	120	1 / 10	W. Flood 50°	2700K	80	735	940	35,000	3.222"	1,5	
			777370	SP30S-12-08D-830-03	120	1 / 10	Spot 8°	3000K	80	795	21,460	35,000	3.222"	1,5	
			777371	SP30S-12-25D-830-03	120	1 / 10	N. Flood 25°	3000K	80	795	4280	35,000	3.222"	1,5	
			777372	SP30S-12-36D-830-03	120	1 / 10	Flood 36°	3000K	80	795	1980	35,000	3.222"	1,5	
			777373	SP30S-12-50D-830-03	120	1 / 10	W. Flood 50°	3000K	80	795	1020	35,000	3.222"	1,5	
			PAR30LN	E26	777391	SP30L-12-08D-827-03	120	1 / 10	Spot 8°	2700K	80	735	19,840	35,000	4.444"
	777392	SP30L-12-25D-827-03			120	1 / 10	N. Flood 25°	2700K	80	735	3960	35,000	4.444"	1,5	
	777393	SP30L-12-36D-827-03			120	1 / 10	Flood 36°	2700K	80	735	1820	35,000	4.444"	1,5	
	777394	SP30L-12-50D-827-03			120	1 / 10	W. Flood 50°	2700K	80	735	940	35,000	4.444"	1,5	
	777395	SP30L-12-08D-830-03			120	1 / 10	Spot 8°	3000K	80	795	21,460	35,000	4.444"	1,5	
	777396	SP30L-12-25D-830-03			120	1 / 10	N. Flood 25°	3000K	80	795	4280	35,000	4.444"	1,5	
	777397	SP30L-12-36D-830-03			120	1 / 10	Flood 36°	3000K	80	795	1980	35,000	4.444"	1,5	
	777398	SP30L-12-50D-830-03			120	1 / 10	W. Flood 50°	3000K	80	795	1020	35,000	4.444"	1,5	
	18.5	PAR30SN			E26	777750	SP30S-18-09D-827-03	120	1 / 10	Spot 9°	2700K	80	1190	28,680	35,000
			777751	SP30S-18-25D-827-03		120	1 / 10	N. Flood 25°	2700K	80	1190	6420	35,000	3.222"	1,5
777752			SP30S-18-36D-827-03	120		1 / 10	Flood 36°	2700K	80	1190	2960	35,000	3.222"	1,5	
777753			SP30S-18-60D-827-03	120		1 / 10	W. Flood 60°	2700K	80	1190	1300	35,000	3.222"	1,5	
777754			SP30S-18-09D-830-03	120		1 / 10	Spot 9°	3000K	80	1280	30,840	35,000	3.222"	1,5	
777755			SP30S-18-25D-830-03	120		1 / 10	N. Flood 25°	3000K	80	1280	6900	35,000	3.222"	1,5	
777756			SP30S-18-36D-830-03	120		1 / 10	Flood 36°	3000K	80	1280	3200	35,000	3.222"	1,5	
777757			SP30S-18-60D-830-03	120		1 / 10	W. Flood 60°	3000K	80	1280	1400	35,000	3.222"	1,5	
PAR30LN			E26	777740		SP30L-18-09D-827-03	120	1 / 10	Spot 9°	2700K	80	1190	28,680	35,000	4.444"
		777741		SP30L-18-25D-827-03	120	1 / 10	N. Flood 25°	2700K	80	1190	6420	35,000	4.444"	1,5	
		777742		SP30L-18-36D-827-03	120	1 / 10	Flood 36°	2700K	80	1190	2960	35,000	4.444"	1,5	
		777743		SP30L-18-60D-827-03	120	1 / 10	W. Flood 60°	2700K	80	1190	1300	35,000	4.444"	1,5	
		777744		SP30L-18-09D-830-03	120	1 / 10	Spot 9°	3000K	80	1280	30,840	35,000	4.444"	1,5	
		777745		SP30L-18-25D-830-03	120	1 / 10	N. Flood 25°	3000K	80	1280	6900	35,000	4.444"	1,5	
		777746		SP30L-18-36D-830-03	120	1 / 10	Flood 36°	3000K	80	1280	3200	35,000	4.444"	1,5	
		777747		SP30L-18-60D-830-03	120	1 / 10	W. Flood 60°	3000K	80	1280	1400	35,000	4.444"	1,5	





# SORAA® Vivid & Brilliant PAR38

## Medium Base (E26) - 120V Dimmable



- Single source LED, with high CBCP and crisp single shadow of a halogen lamp
- Narrow spot CBCPs are superior in performance at 8600 Cd for 95CRI models and 11,000 Cd for 80CRI models
- Works with trailing edge and leading edge phase cut dimmers
- White point accuracy within 3 SDCM
- Automatic safety shut down in any thermal environment not conducive to minimum airflow or proper ventilation
- VP<sub>3</sub> technology for perfect and consistent rendering of colors and whites
- SORAA SNAP SYSTEM compatible with spot models
- Enclosed fixture compatibility allows operation in damp or outdoor locations
- VIVID lamps offer excellent color rendering - CRI = 95, R9 = 95
- BRILLIANT lamps offer higher light output
- Ideal for recessed and track lighting

**VIVID**  
LED = Halogen  
18.5W = 100W

**BRILLIANT**  
LED = Halogen  
18.5W = 120W



### PAR38

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Color Temp.	CRI	Lumens	CBCP	Average Hours	M.O.L.	Notes pg. 58
<b>VIVID</b>	PAR38	E26	<b>777760</b>	<b>SP38-18-09D-927-03</b>	120	1 / <b>10</b>	Spot 9°	2700K	95	930	22,400	35,000	5"	1,5
			<b>777761</b>	<b>SP38-18-25D-927-03</b>	120	1 / <b>10</b>	N. Flood 25°	2700K	95	930	5020	35,000	5"	1,5
			<b>777762</b>	<b>SP38-18-36D-927-03</b>	120	1 / <b>10</b>	Flood 36°	2700K	95	930	2320	35,000	5"	1,5
			<b>777763</b>	<b>SP38-18-60D-927-03</b>	120	1 / <b>10</b>	W. Flood 60°	2700K	95	930	1020	35,000	5"	1,5
			<b>777764</b>	<b>SP38-18-09D-930-03</b>	120	1 / <b>10</b>	Spot 9°	3000K	95	1000	24,100	35,000	5"	1,5
			<b>777765</b>	<b>SP38-18-25D-930-03</b>	120	1 / <b>10</b>	N. Flood 25°	3000K	95	1000	5400	35,000	5"	1,5
			<b>777766</b>	<b>SP38-18-36D-930-03</b>	120	1 / <b>10</b>	Flood 36°	3000K	95	1000	2500	35,000	5"	1,5
			<b>777767</b>	<b>SP38-18-60D-930-03</b>	120	1 / <b>10</b>	W. Flood 60°	3000K	95	1000	1100	35,000	5"	1,5
			<b>777768</b>	<b>SP38-18-09D-940-03</b>	120	1 / <b>10</b>	Spot 9°	4000K	95	1040	25,060	35,000	5"	1,5
			<b>777769</b>	<b>SP38-18-25D-940-03</b>	120	1 / <b>10</b>	N. Flood 25°	4000K	95	1040	5600	35,000	5"	1,5
			<b>777770</b>	<b>SP38-18-36D-940-03</b>	120	1 / <b>10</b>	Flood 36°	4000K	95	1040	2600	35,000	5"	1,5
			<b>777771</b>	<b>SP38-18-60D-940-03</b>	120	1 / <b>10</b>	W. Flood 60°	4000K	95	1040	1140	35,000	5"	1,5
			<b>777772</b>	<b>SP38-18-09D-950-03</b>	120	1 / <b>10</b>	Spot 9°	5000K	95	1050	25,300	35,000	5"	1,5
			<b>777773</b>	<b>SP38-18-25D-950-03</b>	120	1 / <b>10</b>	N. Flood 25°	5000K	95	1050	5660	35,000	5"	1,5
			<b>777774</b>	<b>SP38-18-36D-950-03</b>	120	1 / <b>10</b>	Flood 36°	5000K	95	1050	2620	35,000	5"	1,5
<b>777775</b>	<b>SP38-18-60D-950-03</b>	120	1 / <b>10</b>	W. Flood 60°	5000K	95	1050	1140	35,000	5"	1,5			
<b>BRILLIANT</b>	PAR38	E26	<b>777780</b>	<b>SP38-18-09D-827-03</b>	120	1 / <b>10</b>	Spot 9°	2700K	80	1190	28,680	35,000	5"	1,5
			<b>777781</b>	<b>SP38-18-25D-827-03</b>	120	1 / <b>10</b>	N. Flood 25°	2700K	80	1190	6420	35,000	5"	1,5
			<b>777782</b>	<b>SP38-18-36D-827-03</b>	120	1 / <b>10</b>	Flood 36°	2700K	80	1190	2960	35,000	5"	1,5
			<b>777783</b>	<b>SP38-18-60D-827-03</b>	120	1 / <b>10</b>	W. Flood 60°	2700K	80	1190	1300	35,000	5"	1,5
			<b>777784</b>	<b>SP38-18-09D-830-03</b>	120	1 / <b>10</b>	Spot 9°	3000K	80	1280	30,840	35,000	5"	1,5
			<b>777785</b>	<b>SP38-18-25D-830-03</b>	120	1 / <b>10</b>	N. Flood 25°	3000K	80	1280	6900	35,000	5"	1,5
			<b>777786</b>	<b>SP38-18-36D-830-03</b>	120	1 / <b>10</b>	Flood 36°	3000K	80	1280	3200	35,000	5"	1,5
			<b>777787</b>	<b>SP38-18-60D-830-03</b>	120	1 / <b>10</b>	W. Flood 60°	3000K	80	1280	1400	35,000	5"	1,5

SORAA®

# SORAA® Vivid AR111

## G53 - 12V Dimmable

- Single source LED, with high CBCP and crisp single shadow of a halogen lamp
- Narrow spot CBCPs are superior in performance at 23,680 Cd for 80CRI models
- Works with trailing edge and leading edge phase cut dimmers
- White point accuracy within 3 SDCM
- Automatic safety shut down in any thermal environment not conducive to minimum airflow or proper ventilation
- VP<sub>3</sub> technology for perfect and consistent rendering of colors and whites
- SORAA SNAP SYSTEM compatible with on spot models
- Enclosed fixture compatibility allows operation in damp or outdoor locations
- VIVID lamps offer excellent color rendering - CRI = 95, R9 = 95
- Ideal for recessed and track lighting



**LED = Halogen**  
12.5W = 50W  
18.5W = 75W



**AR111**

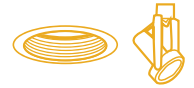
Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Color Temp.	CRI	Lumens	CBCP	Average Hours	M.O.L.	Notes pg. 58
12.5	AR111	G53	777930	SR111-12-08D-927-03	12	1 / 10	Spot 8°	2700K	95	575	15,520	35,000	2.25"	1,5
			777931	SR111-12-25D-927-03	12	1 / 10	N. Flood 25°	2700K	95	575	3100	35,000	2.25"	1,5
			777932	SR111-12-36D-927-03	12	1 / 10	Flood 36°	2700K	95	575	1420	35,000	2.25"	1,5
			777933	SR111-12-50D-927-03	12	1 / 10	W. Flood 50°	2700K	95	575	740	35,000	2.25"	1,5
			777934	SR111-12-08D-930-03	12	1 / 10	Spot 8°	3000K	95	620	16,740	35,000	2.25"	1,5
			777935	SR111-12-25D-930-03	12	1 / 10	N. Flood 25°	3000K	95	620	3340	35,000	2.25"	1,5
			777936	SR111-12-36D-930-03	12	1 / 10	Flood 36°	3000K	95	620	1540	35,000	2.25"	1,5
			777937	SR111-12-50D-930-03	12	1 / 10	W. Flood 50°	3000K	95	620	800	35,000	2.25"	1,5
			777938	SR111-12-08D-940-03	12	1 / 10	Spot 8°	4000K	95	645	17,400	35,000	2.25"	1,5
			777939	SR111-12-25D-940-03	12	1 / 10	N. Flood 25°	4000K	95	645	3480	35,000	2.25"	1,5
			777940	SR111-12-36D-940-03	12	1 / 10	Flood 36°	4000K	95	645	1600	35,000	2.25"	1,5
			777941	SR111-12-50D-940-03	12	1 / 10	W. Flood 50°	4000K	95	645	820	35,000	2.25"	1,5
			777942	SR111-12-08D-950-03	12	1 / 10	Spot 8°	5000K	95	650	17,540	35,000	2.25"	1,5
			777943	SR111-12-25D-950-03	12	1 / 10	N. Flood 25°	5000K	95	650	3500	35,000	2.25"	1,5
			777944	SR111-12-36D-950-03	12	1 / 10	Flood 36°	5000K	95	650	1620	35,000	2.25"	1,5
777945	SR111-12-50D-950-03	12	1 / 10	W. Flood 50°	5000K	95	650	840	35,000	2.25"	1,5			
18.5	AR111	G53	777900	SR111-18-09D-927-03	12	1 / 10	Spot 9°	2700K	95	930	22,400	35,000	2.25"	1,5
			777901	SR111-18-25D-927-03	12	1 / 10	N. Flood 25°	2700K	95	930	5020	35,000	2.25"	1,5
			777902	SR111-18-36D-927-03	12	1 / 10	Flood 36°	2700K	95	930	2320	35,000	2.25"	1,5
			777903	SR111-18-60D-927-03	12	1 / 10	W. Flood 60°	2700K	95	930	1020	35,000	2.25"	1,5
			777904	SR111-18-09D-930-03	12	1 / 10	Spot 9°	3000K	95	1000	24,100	35,000	2.25"	1,5
			777905	SR111-18-25D-930-03	12	1 / 10	N. Flood 25°	3000K	95	1000	5400	35,000	2.25"	1,5
			777906	SR111-18-36D-930-03	12	1 / 10	Flood 36°	3000K	95	1000	2500	35,000	2.25"	1,5
			777907	SR111-18-60D-930-03	12	1 / 10	W. Flood 60°	3000K	95	1000	1100	35,000	2.25"	1,5
			777908	SR111-18-09D-940-03	12	1 / 10	Spot 9°	4000K	95	1040	25,060	35,000	2.25"	1,5
			777909	SR111-18-25D-940-03	12	1 / 10	N. Flood 25°	4000K	95	1040	5600	35,000	2.25"	1,5
			777910	SR111-18-36D-940-03	12	1 / 10	Flood 36°	4000K	95	1040	2600	35,000	2.25"	1,5
			777911	SR111-18-60D-940-03	12	1 / 10	W. Flood 60°	4000K	95	1040	1140	35,000	2.25"	1,5
			777912	SR111-18-09D-950-03	12	1 / 10	Spot 9°	5000K	95	1050	25,300	35,000	2.25"	1,5
			777913	SR111-18-25D-950-03	12	1 / 10	N. Flood 25°	5000K	95	1050	5660	35,000	2.25"	1,5
			777914	SR111-18-36D-950-03	12	1 / 10	Flood 36°	5000K	95	1050	2620	35,000	2.25"	1,5
777915	SR111-18-60D-950-03	12	1 / 10	W. Flood 60°	5000K	95	1050	1140	35,000	2.25"	1,5			





# SORAA® Brilliant AR111

## G53 - 12V Dimmable



**LED = Halogen**  
 12.5W = 60W  
 18.5W = 100W



- Single source LED, with high CBCP and crisp single shadow of a halogen lamp
- Narrow spot CBCPs are superior in performance at 23,680 Cd for 80CRI models
- Works with trailing edge and leading edge phase cut dimmers
- White point accuracy within 3 SDCM
- Automatic safety shut down in any thermal environment not conducive to minimum airflow or proper ventilation
- VP<sub>3</sub> technology for perfect and consistent rendering of colors and whites
- SORAA SNAP SYSTEM compatible with on spot models
- Enclosed fixture compatibility allows operation in damp or outdoor locations
- VIVID lamps offer excellent color rendering - CRI = 95, R9 = 95
- Ideal for recessed and track lighting



**AR111**

SORAA®

Watts	Bulb Type	Base	Item #	Ordering Code	Volts	Inner/Master	Description	Color Temp.	CRI	Lumens	CBCP	Average Hours	M.O.L.	Notes pg. 58
12.5	AR111	G53	777946	SR111-12-08D-827-03	12	1 / 10	Spot 8°	2700K	80	735	19,840	35,000	2.25"	1,5
			777947	SR111-12-25D-827-03	12	1 / 10	N. Flood 25°	2700K	80	735	3960	35,000	2.25"	1,5
			777948	SR111-12-36D-827-03	12	1 / 10	Flood 36°	2700K	80	735	1820	35,000	2.25"	1,5
			777949	SR111-12-50D-827-03	12	1 / 10	W. Flood 50°	2700K	80	735	940	35,000	2.25"	1,5
			777950	SR111-12-08D-830-03	12	1 / 10	Spot 8°	3000K	80	795	21,460	35,000	2.25"	1,5
			777951	SR111-12-25D-830-03	12	1 / 10	N. Flood 25°	3000K	80	795	4280	35,000	2.25"	1,5
			777952	SR111-12-36D-830-03	12	1 / 10	Flood 36°	3000K	80	795	1980	35,000	2.25"	1,5
			777953	SR111-12-50D-830-03	12	1 / 10	W. Flood 50°	3000K	80	795	1020	35,000	2.25"	1,5
18.5	AR111	G53	777920	SR111-18-09D-827-03	12	1 / 10	Spot 9°	2700K	80	1190	28,680	35,000	2.25"	1,5
			777921	SR111-18-25D-827-03	12	1 / 10	N. Flood 25°	2700K	80	1190	6420	35,000	2.25"	1,5
			777922	SR111-18-36D-827-03	12	1 / 10	Flood 36°	2700K	80	1190	2960	35,000	2.25"	1,5
			777923	SR111-18-60D-827-03	12	1 / 10	W. Flood 60°	2700K	80	1190	1300	35,000	2.25"	1,5
			777924	SR111-18-09D-830-03	12	1 / 10	Spot 9°	3000K	80	1300	30,840	35,000	2.25"	1,5
			777925	SR111-18-25D-830-03	12	1 / 10	N. Flood 25°	3000K	80	1300	6900	35,000	2.25"	1,5
			777926	SR111-18-36D-830-03	12	1 / 10	Flood 36°	3000K	80	1300	3200	35,000	2.25"	1,5
777927	SR111-18-60D-830-03	12	1 / 10	W. Flood 60°	3000K	80	1300	1400	35,000	2.25"	1,5			



# SORAA® Snap System

## Accessories - MR & Large Lamps



- Achieve all beam distributions or colors with one lamp SKU
- Compatible with SORAA Dimmable MR16 Spot 10° lamps
- Available accessories include CCT shifters, beam spreaders, linear lens, flat tops, and louvers
- Magnetic snap discs are stackable
- Simple installation
- Magnet automatically self-centers accessories onto lamp
- Snap System Combo 10-Pack includes 1 of each MR snap system accessory, except item 777810 (Louver)



**CCT SHIFTER SNAP MR**  
 1/4 CTO -- AC-CC-0001-95-00  
 1/2 CTO -- AC-CC-0002-95-00  
 3/4 CTO -- AC-CC-0003-95-00



**BEAM SPREADER SNAP MR**  
 25° -- AC-GC-2525-00-00  
 36° -- AC-GC-3636-00-00  
 60° -- AC-GC-6060-00-00



**LINEAR SNAP MR**  
 10° - 25° -- AC-GE-1025-00-00  
 10° - 36° -- AC-GE-1036-00-00



**FLAT TOP SNAP MR**  
 25° - 25° -- AC-FR-2525-00-00  
 36° - 36° -- AC-FR-3636-00-00



**LOUVER SNAP MR**  
 AC-LU-4040-00-00

**CCT SHIFTER SNAP LARGE**  
 1/4 CTO -- AC-E-CC-0001-00  
 1/2 CTO -- AC-E-CC-0002-00  
 3/4 CTO -- AC-E-CC-0003-00

**BEAM SPREADER SNAP LARGE**  
 25° -- AC-E-GC-2525-00  
 36° -- AC-E-GC-3636-00  
 60° -- AC-E-GC-6060-00

**LINEAR SNAP LARGE**  
 10° - 36° -- AC-E-GE-1036-00

**FLAT TOP SNAP LARGE**  
 36° - 36° -- AC-E-FR-3636-00

**LOUVER SNAP LARGE**  
 AC-E-LU-4040-00



Item #	Ordering Code	Inner/Master	Description
777800	AC-CC-0001-95-00	1 / 10	Snap Color Changing CTO 1/4
777801	AC-CC-0002-95-00	1 / 10	Snap Color Changing CTO 1/2
777802	AC-CC-0003-95-00	1 / 10	Snap Color Changing CTO 3/4
777803	AC-GC-2525-00-00	1 / 10	Snap Beam Spreading to 25°
777804	AC-GC-3636-00-00	1 / 10	Snap Beam Spreading to 36°
777805	AC-GC-6060-00-00	1 / 10	Snap Beam Spreading to 60°
777806	AC-GE-1025-00-00	1 / 10	Snap Shaping Angle 10° x 25°
777807	AC-GE-1036-00-00	1 / 10	Snap Shaping Angle 10° x 36°
777808	AC-FR-2525-00-00	1 / 10	Snap Shaping Square 25° x 25°
777809	AC-FR-3636-00-00	1 / 10	Snap Shaping Square 36° x 36°
777810	AC-LU-4040-00-00	1 / 10	Snap Louver
777811	AC-AA-COMB-00-00	1 / 10	Snap Combo Pack

Snap Accessories for MR16 Lamps

Item #	Ordering Code	Inner/Master	Description
777820	AC-E-CC-0001-00	1 / 10	Snap Color Changing CTO 1/4
777821	AC-E-CC-0002-00	1 / 10	Snap Color Changing CTO 1/2
777822	AC-E-CC-0003-00	1 / 10	Snap Color Changing CTO 3/4
777823	AC-E-GC-2525-00	1 / 10	Snap Beam Spreading to 25°
777824	AC-E-GC-3636-00	1 / 10	Snap Beam Spreading to 36°
777825	AC-E-GC-6060-00	1 / 10	Snap Beam Spreading to 60°
777827	AC-E-GE-1036-00	1 / 10	Snap Shaping Angle 10° x 36°
777828	AC-E-FR-3636-00	1 / 10	Snap Shaping Square 36° x 36°
777830	AC-E-LU-4040-00	1 / 10	Snap Louver

Snap Accessories for Large Lamps



## LED Footnotes

- 1 - This lamp may not be compatible with all dimmer models, occupancy sensors or control systems (photocells). The quantity of lamps used on any one dimmer may affect lamp performance. For more details on compatibility, contact Bulbrite at: (800) 528 - 5555 or [info@bulbrite.com](mailto:info@bulbrite.com).

Do not use dimming as a method for turning off the lamp. Dimming may adversely affect lamp life.

- 2 - This lamp may not be compatible with all transformers. Visit [bulbrite.com/LED](http://bulbrite.com/LED) for transformer compatibility information.
- 3 - ENERGY STAR is a joint program of the U.S. Environmental Protection Agency and the U.S. Department of Energy promoting money savings and the protection of the environment through the use of energy efficient products and practices. Energy Star has developed standards for LEDs for Directional Lamps, Decorative Lamps, Omni-directional Lamps and Non-Standard Lamps. Energy Star approved lamps in this catalog are based on ENERGY STAR Program Requirements for Integral LED lamps Version 1.4. For the most up to date standards, visit [www.energystar.gov](http://www.energystar.gov).
- 4 - LED Lighting Facts is a program of the U.S. Department of Energy that showcases LED products for general illumination from manufacturers who commit to testing products and reporting performance results according to industry standards. LM79 reports are available for all Lighting Facts verified products. For additional information, visit [www.lightingfacts.com](http://www.lightingfacts.com)
- 5 - UL approved LED lamps are certified against UL standard 1993 for Self-Ballasted Lamps and Lamp Adapters. For details on UL test standards, visit [www.ul.com](http://www.ul.com)
- 6 - This lamp is UL wet location rated and can be used in a location in which water or other liquid can drip, splash, or flow on or against electrical equipment per UL 1598.
- 7 - ETL is a safety mark issued through Intertek. Intertek is an NRTL (Nationally Recognized Testing Laboratory) capable of performing electrical safety testing to North American safety standards, including UL, ANSI, CSA, ASTM and NFPA standards. ETL approved LED products are certified against UL standard 8750 and the ELEVA LED Magnetic Retrofit System is tested to UL standard 1598C. For details on ETL, visit [www.intertek.com/marks/etl/](http://www.intertek.com/marks/etl/)
- 8 - The DesignLights Consortium® (DLC) qualifies commercial LED luminaires, retrofit kits, and linear replacement lamps for inclusion in DLC members' energy efficiency rebate and incentive programs. Test laboratory requirements include In situ Temperature Measurement Test (ISTMT), LM79, and LM80. DesignLights Consortium® qualified products are published on their Qualified Products List. For details on DLC, visit [www.designlights.org](http://www.designlights.org)
- 9 - The California Energy Code, part 6 of the California Building Standards Code which is title 24 of the California Code of Regulations, also titled The Energy Efficiency Standards for Residential and Nonresidential Buildings, were created by the California Building Standards Commission in 1978 in response to a legislative mandate to reduce California's energy consumption. The standards are updated periodically by the California Energy Commission to allow consideration and possible incorporation of new energy efficiency technologies and methods. The Title 24 residential lighting requirements apply only to permanently installed luminaires (light fixtures), not portable lamps that are provided by the occupant.

Current standards went into effect in 2014. Under current standards, luminaires must have GU24 sockets, comply with efficacy standards in Reference Join Appendix JA8 of Title 24 and the housing must be rated by the manufacturer for use only with LED light engines. An updated set of standards available now is scheduled for an effective date of January 1st, 2017. For standards details, visit: <http://www.energy.ca.gov>

### IMPORTANT NOTE:

LM79 test data is available for select LED lamps, for details contact Bulbrite at: (800) 528 - 5555 or [productmgmt@bulbrite.com](mailto:productmgmt@bulbrite.com)

All data in this catalog is subject to change without notice.  
See [Bulbrite.com](http://Bulbrite.com) for most current product specifications.



**Average Rated Life** – An average rating, in hours, indicating when a percentage of a large group of lamps have failed, when operated at nominal lamp voltage and current. The life of an LED is defined as the operating time in hours for the lamp to reach L70 which designates 70% lumen maintenance (or 30% reduction in initial light output). Every lamp type has a unique mortality curve that depicts its average rated life.

**Binning** – The separation of LEDs according to color temperature subsequent to a production run for full manufactured, distribution in terms of color, lumen output and forward voltage. This allows luminaire manufacturers to select only those LEDs that meet their acceptable performance ranges and also maintain consistency in production.

**Center Beam Candlepower (CBCP)** – The luminous intensity at the center of the beam of a reflector lamp. Measured in candelas.

**CIE System** – The International Commission on Illumination classifies luminaires based on the proportion of upward and downward directed light output. This system is usually applied to indoor luminaires.

**Diode** – A two-terminal semiconductor device having a p-n (positive-negative) junction which allows energy travel in one direction.

**DLC** – The DesignLights Consortium® (DLC) promotes quality, performance and energy efficient commercial sector LED lighting solutions through collaboration among its federal, regional, state, utility, and energy efficiency program members; luminaire manufacturers; lighting designers and other industry stakeholders throughout the U.S. and Canada.

**Driver** – A self-contained power supply that has outputs which match the electrical characteristics of the lamp. It is similar to a ballast and is used to power illumination sources.

**Electrical Testing Laboratory (ETL)** – Independent testing laboratory that performs ballast tests and certifies accuracy of performance data.

**Energy Star** – ENERGY STAR is a joint program of the U.S. Environmental Protection Agency and the U.S. Department of Energy promoting money savings and the protection of the environment through the use of energy efficient products and practices. [www.energystar.gov](http://www.energystar.gov).

**Federal Communications Commission (FCC)** – The U. S. Federal agency that regulates emissions in the radio frequency portion of the electromagnetic spectrum. Part 18 of the FCC rules specifies electromagnetic interference (EMI) from lighting devices operating at frequencies greater than 9 kilohertz (kHz). Typical

electronically-ballasted compact fluorescent lamps operate in the 24 - 100 kHz frequency range.

**Heat Sink** – A heat sink is an environment or object that absorbs and dissipates heat from another object. The design of an LED retrofit lamp's heat sink is an integral factor in the overall performance of the lamp.

**High Power LED** – LED chips can be assembled in two primary methods for integration in an LED retrofit lamp: SMD (Surface Mount Device) and COB (Chip on Board).

- **SMD** – SMD LEDs are enclosed by a housing and the encased LED is soldered onto the printed circuit board (PCB). This method of assembly does not have optimal heat conduction.

- **COB** – COB LEDs are neither encased nor connected. The LED chips are placed directly onto the PCB through wire bonding and connected to the contact surface of the PCB. The benefits of COB technology include longer life, better performance as well as higher light output due to better heat conduction in this assembly structure.

**Illuminance** – The intensity of light falling on a surface area. If the area is measured in square feet, the unit of illuminance is footcandles (fc). If measured in square meters, the unit of illuminance is lux (lx).

**Illuminance Cone Diagram** – Usually used for spotlights or lamps with reflectors. The diagram indicates the maximum illuminance at different distances away from the lamp.

**Illuminating Engineering Society (IES)** – The recognized technical authority on illumination, communicating information on all aspects of good lighting practice to its members, to the lighting community, and to consumers through a variety of programs, publications, and services.

**Integral LED Lamp** – A lamp with LEDs, optics, an integrated LED driver or power source and with an ANSI standardized base designed for connection to an existing luminaire/fixture. These light sources are sold as retrofits or direct replacements for traditional sources.

**Junction Temperature** – Noted as T<sub>j</sub>, is the temperature of the LED's active region.

**LED Array** – An assembly of LED packages on a printed circuit board or substrate, possible with optical elements and additional thermal, mechanical, and electrical interfaces. The device does not contain a power source, does not include an ANSI standardized base, and is not connected directly to the branch circuit.

**LED Chip** – The light producing semiconductor device is incorporated into an LED package.



**LED Lighting Facts** – The US Department of Energy developed the Lighting Facts label for LED luminaires to provide specifiers and end-users with objective information and facilitate comparisons.

**LED Primary Optics** – Optics that form part of the LED and serve to protect and to shape the light output.

**LED Secondary Optics** – Additional components that are not part of the LED itself, such as a lens or diffuser placed over the LED to shape the light.

**Light Emitting Diode (LED)** – A solid-state semiconductor device that converts electrical energy directly into light. On its most basic level, the semiconductor is comprised of two regions. The p-region contains positive electrical charges while the n-region contains negative electrical charges. When voltage is applied and current begins to flow, the electrons move across the n region into the p region. The process of an electron moving through the p-n junction releases energy. The dispersion of this energy produces photons with visible wavelengths.

**LM79** – An IES approved method describing procedures and precautions in performing reproducible measurements of LEDs including total flux, electrical power, efficacy (lpw) and chromaticity. This is applicable to LED products incorporating control electronics and heat sinks (LED luminaires and integrated LED sources).

**LM80** – An IES approved method for measuring lumen depreciation of solid-state (LED) light sources, array and modules. This does not apply to luminaires and does not define or provide methods for estimation of life.

**Nadir** – The angle that points directly downward, or 0°, from the luminaire.

**Polar Luminous Intensity Graph** – A diagram illustrates the distribution of luminous intensity, in candelas, for the transverse and axial planes of the luminaire. The curve provides a visual guide to the type of distribution expected from the luminaire such as wide, narrow, direct, indirect etc. in addition to intensity.

**Power Factor (PF)** – Measurement of the relationship between the AC source voltage and current. Power factors can range from 0 to 1.0, with 1.0 being ideal. Power factor is sometimes expressed as a percent. Incandescent lamps have power factors close to 1.0 because they are simple “resistive” loads. The power factor of a fluorescent and HID lamp system is determined by the ballast used. “High” power factor usually means a rating of 0.9 or greater.

**Pulse-Width Modulation** – A method for dimming LEDs by rapidly switches the LED lamp on and off from hundreds to hundreds of thousands modulations

per second. At such frequencies LED flickering is undetectable by the human visual system.

**RGB White** – A method of producing white light by combining the output from red, green, and blue LEDs.

**TM-21** – IESNA TM-21-11 provides the method for determining when the “useful lifetime” of an LED is reached, a point when the light emitted from an LED depreciates to a level where it is no longer considered adequate for a specific application through the use of extrapolated data from LM80 testing. Lumen maintenance of LEDs can vary from manufacturer to manufacturer and between different LED package types produced by a single manufacturer. TM-21 ensures consistent lumen maintenance extrapolation methods for all LED manufacturers. TM-21 extrapolations are ‘best-case’ system lifetime estimates, and assume that no other failure mechanisms influence the life of the LED luminaire.

**Total Harmonic Distortion (THD)** - A measure of the distortion of the input current on alternating current (AC) power systems caused by higher order harmonics of the fundamental frequency (60Hz in North America). THD is expressed in percent and may refer to individual electrical loads (such as ballast) or a total electrical circuit or system in a building. ANSI C82.77 recommends THD not exceed 32% for individual commercial electronic ballasts, although some electrical utilities may require lower THDs on some systems. Excessive THDs on electrical systems can cause efficiency losses as well as overheating and deterioration of system components.

**Transformer** – An electrical device by which the alternating current of one voltage is changed (stepped up or down) to another voltage. Magnetic transformers use a core and coil assembly transformer to start and operate the lamp. Electronic transformers operate lamps at frequencies above 20,000Hz through the use of electronic circuitry.

**Zhaga** – An international organization establishing industry standards for interchangeable LED light source modules.

### Bulbrite's distinctions and awards:



### Bulbrite is a proud member of:





### LED 3 or 5 YEAR LIMITED WARRANTY

Bulbrite warrants its products to perform according to specifications and are free from defects in material, workmanship and title and to operate from the date of invoice (or date of manufacture if invoice date is not known or available) for the time periods specified for covered products and subject to the Terms and Conditions.

Bulbrite offers a 3 or 5 year limited warranty on LED products (Based on an average household use of 3 hours per day). For a full list of warranty details by category, visit [www.bulbrite.com/led](http://www.bulbrite.com/led)

If a covered product fails within the warranty period, please contact Bulbrite Industries Inc.:  
145 W. Commercial Avenue, Moonachie, NJ 07074 • 800.528.5555 • [info@bulbrite.com](mailto:info@bulbrite.com)

Bulbrite reserves the right to examine all failed lamps and/or ballast and reserves the right to be the sole judge as to whether any lamps and/or Bulbrite lighting products are defective and covered under this warranty. This product will be credited, repaired or replaced at Bulbrite's option and associated labor costs will not be covered.

### LIMITATION OF LIABILITY

THE FOREGOING WARRANTY CONSTITUTES BULBRITE'S EXCLUSIVE LIABILITY AND THE EXCLUSIVE REMEDY TO A CUSTOMER FOR ANY BREACH OF OR ANY OTHER NONCONFORMITY OF THE PRODUCTS COVERED BY THIS WARRANTY. THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES. BULBRITE MAKES NO WARRANTY, EXPRESSED OR IMPLIED OR STATUTORY, INCLUDING, WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

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**For additional warranty information, visit [bulbrite.com/LED](http://bulbrite.com/LED).**

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770153	40	770510	38	771191	25	772727	28	773249	31	775601	33	775635	33
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770172	40	770530	38	771500	24	772734	28	773355	30	775605	33	775703	35
770173	40	770531	38	772620	28	772736	28	773356	30	775610	33	775704	35
770174	40	770541	41	772621	28	772737	28	773364	31	775611	33	775705	35
770175	40	770550	39	772630	28	772740	29	773365	31	775612	33	775706	35
770176	40	770552	39	772631	28	772741	29	773367	31	775613	33	775707	35
770177	40	770553	39	772640	29	772742	29	773371	31	775614	33	775708	35
770178	40	770560	39	772641	29	772743	29	773372	31	775615	33	775709	35
770191	40	770570	39	772710	27	772744	29	773373	31	775620	33	775720	34
770192	40	770604	44	772711	27	772745	29	773464	31	775621	33	775721	34
770193	40	770606	44	772714	27	772746	29	773465	31	775622	33	775722	34
770194	40	770610	44	772715	27	772747	29	773466	31	775623	33	775723	34
770195	40	771073	24	772717	27	772748	29	774101	18	775624	33	775724	34
770196	40	771090	25	772718	27	772810	30	774102	18	775625	33	775725	34
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775728	34	777059	48	777270	50	777392	53	777714	52	777771	54	777911	55
775729	34	777060	48	777271	50	777393	53	777715	52	777772	54	777912	55
776005	45	777061	48	777272	50	777394	53	777720	51	777773	54	777913	55
776006	45	777062	48	777273	50	777395	53	777721	51	777774	54	777914	55
776503	10	777063	48	777350	51	777396	53	777722	51	777775	54	777915	55
776504	10	777064	48	777351	51	777397	53	777723	51	777780	54	777920	56
776506	10	777065	48	777352	51	777398	53	777724	51	777781	54	777921	56
776550	13	777066	48	777353	51	777550	49	777725	51	777782	54	777922	56
776552	14	777067	48	777354	51	777551	49	777726	51	777783	54	777923	56
776551	17	777068	48	777355	51	777552	49	777727	51	777784	54	777924	56
776555	14	777069	48	777356	51	777553	49	777728	51	777785	54	777925	56
776556	14	777070	48	777357	51	777554	49	777729	51	777786	54	777926	56
776557	14	777071	48	777358	51	777555	49	777730	51	777787	54	777927	56
776558	15	777072	48	777359	51	777556	49	777731	51	777800	57	777930	55
776559	15	777073	48	777360	51	777557	49	777732	51	777801	57	777931	55
776560	15	777074	48	777361	51	777558	49	777733	51	777802	57	777932	55
776561	17	777075	48	777362	51	777559	49	777734	51	777803	57	777933	55
776562	17	777076	48	777363	51	777560	49	777735	51	777804	57	777934	55
776563	17	777077	48	777364	51	777561	49	777740	53	777805	57	777935	55
776564	17	777078	48	777365	51	777562	49	777741	53	777806	57	777936	55
776566	15	777079	48	777366	53	777563	49	777742	53	777807	57	777937	55
776567	15	777080	48	777367	53	777564	49	777743	53	777808	57	777938	55
776568	14	777081	48	777368	53	777565	49	777744	53	777809	57	777939	55
776569	14	777082	48	777369	53	777566	49	777745	53	777810	57	777940	55
776573	13	777083	48	777370	53	777567	49	777746	53	777811	57	777941	55
776570	17	777250	50	777371	53	777568	49	777747	53	777820	57	777942	55
776571	17	777251	50	777372	53	777569	49	777750	53	777821	57	777943	55
776600	11	777252	50	777373	53	777570	49	777751	53	777822	57	777944	55
776601	11	777253	50	777375	52	777571	49	777752	53	777823	57	777945	55
776602	11	777254	50	777376	52	777572	49	777753	53	777824	57	777946	56
776605	12	777255	50	777377	52	777573	49	777754	53	777825	57	777947	56
776607	12	777256	50	777378	52	777700	52	777755	53	777827	57	777948	56
776608	12	777257	50	777379	52	777701	52	777756	53	777828	57	777949	56
776653	16	777258	50	777380	52	777702	52	777757	53	777830	57	777950	56
776665	16	777259	50	777381	52	777703	52	777760	54	777900	55	777951	56
776672	13	777260	50	777382	52	777704	52	777761	54	777901	55	777952	56
777050	48	777261	50	777383	52	777705	52	777762	54	777902	55	777953	56
777051	48	777262	50	777384	52	777706	52	777763	54	777903	55	900028	32
777052	48	777263	50	777385	52	777707	52	777764	54	777904	55		
777053	48	777264	50	777386	52	777708	52	777765	54	777905	55		
777054	48	777265	50	777387	52	777709	52	777766	54	777906	55		
777055	48	777266	50	777388	52	777710	52	777767	54	777907	55		
777056	48	777267	50	777389	52	777711	52	777768	54	777908	55		
777057	48	777268	50	777390	52	777712	52	777769	54	777909	55		



*Inside every box,  
there's a promise.*

**A promise to never stop innovating.**

We push ourselves to be ahead of the curve because we believe innovation is as much about people and process as it is about product.

**A promise to never stop educating.**

We help our customers and partners succeed by sharing intelligence on everything from business strategy to the latest technology.

**A promise to never stop exceeding expectations.**

We deliver a 95% order fulfillment rate with same day shipping as a part of our never-ending pursuit to create an amazing customer experience.

**This is the Bulbrite Promise.**

# **BULBRITE**<sup>®</sup>

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## ***Corporate Office & Distribution Center***

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F: 800.441.7708 • 201-531-1217

info@bulbrite.com

## ***Showroom & Educational Training Center***

Dallas Market Center TM#3525  
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## ***West Coast Distribution Center***

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