



High Performance  
**LED LIGHTING  
SOLUTIONS**





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Bridging science with the

# ARCHITECTURE OF LIGHT

At Lighting Science, our engineers design LED lighting that can help you save energy, reduce your environmental impact, and provide superior lighting quality for every environment. Whether you are looking to improve your overall lighting quality or cut your energy bill, our LED lamps provide the best solution for every lighting application.

Lighting Science delivers LED lighting solutions for better living and a healthier planet.



Beautiful lighting quality with outstanding

# PERFORMANCE

The latest LED lamp series from Lighting Science achieves superior performance through efficient power supplies, unique thermal solutions, top-tier LED technology, leading edge optical control solutions and rigid binning techniques that result in visually pleasing quality of light for all retrofit applications.

## WHY CHOOSE LIGHTING SCIENCE?

- ENERGY STAR qualified lamps available throughout line to meet rebate requirements
- No UV or infrared light – safeguarding vibrant colors and inventory
- Innovative thermal management for reduced heat generation
- Longer life than traditional lamps
- Dimmable – down to as low as 10% with a wide array of dimmers
- Instant-on with no warm up, unlike CFL
- Extensive range of color temperatures
- Incandescent equivalents up to 120W
- RoHS compliant-contains no mercury or lead
- 5 year limited warranty



# PAR38

## FEATURES

- Lower wattage lamps - requires 80% less power than comparable halogen lamps.
- Dimmable to 10% on most dimmers.
- Four available color temperatures and two available beam angles.
- Suitable for wet locations.
- Maintenance free operation, lasts up to 40x longer than incandescent lighting.
- RoHS compliant - Contains no Mercury or Lead.

## BENEFITS

- Reduced energy usage – decreases energy related costs.
- Variable light intensity creates optimal light quality.
- Offers a multitude of combinations and directionality to fit almost any need or application.
- Long rated life – reduces maintenance cost.
- Innovative materials reduce waste and environmental impact.

## APPLICATIONS

- Accent or security lighting for commercial, residential and retail applications.

## ANNUAL OVERALL SAVINGS<sup>1</sup>

| Standard Halogen                | PAR38 90WE                     |
|---------------------------------|--------------------------------|
| Maintenance Cost<br><b>\$29</b> | Savings<br><b>\$24</b>         |
| Electricity Cost<br><b>\$29</b> | Electricity Cost<br><b>\$4</b> |

**PAR38 90WE LIFETIME SAVINGS:  
\$325**

Two power configurations  
available 16W / 19W



## PAR38 COMPARISON

|           | HALOGEN   | PAR38 90WE       |
|-----------|-----------|------------------|
| WATTAGE:  | 90W       | 16W              |
| LIFETIME: | 3,000 HRS | UP TO 40,000 HRS |

Up to 84% energy savings!

**PAR38** ★

| Part Number                   | Base Type | Wattage | Beam Angle <sup>1</sup> | Lumens | Voltage | Efficacy | CRI | CBCP |
|-------------------------------|-----------|---------|-------------------------|--------|---------|----------|-----|------|
| LS 38 90WE W27 NFL 120 S1 BX  | E26       | 16      | 25                      | 960    | 120     | 60       | 80  | 3697 |
| LS 38 90WE WW NFL 120 S1 BX   | E26       | 16      | 25                      | 960    | 120     | 60       | 80  | 3697 |
| LS 38 90WE NW NFL 120 S1 BX   | E26       | 16      | 25                      | 1020   | 120     | 64       | 80  | 3697 |
| LS 38 90WE CW NFL 120 S1 BX   | E26       | 16      | 25                      | 1000   | 120     | 63       | 80  | 3697 |
| LS 38 90WE W27 FL 120 S1 BX   | E26       | 16      | 40                      | 950    | 120     | 59       | 80  | 1533 |
| LS 38 90WE WW FL 120 S1 BX    | E26       | 16      | 40                      | 1000   | 120     | 63       | 80  | 1533 |
| LS 38 90WE NW FL 120 S1 BX    | E26       | 16      | 40                      | 1020   | 120     | 64       | 80  | 1533 |
| LS 38 90WE CW FL 120 S1 BX    | E26       | 16      | 40                      | 1100   | 120     | 69       | 80  | 1533 |
| LS 38 120WE W27 NFL 120 S1 BX | E26       | 19      | 25                      | 1200   | 120     | 63       | 80  | 5382 |
| LS 38 120WE WW NFL 120 S1 BX  | E26       | 19      | 25                      | 1250   | 120     | 66       | 80  | 5382 |
| LS 38 120WE NW NFL 120 S1 BX  | E26       | 19      | 25                      | 1150   | 120     | 61       | 80  | 5382 |
| LS 38 120WE CW NFL 120 S1 BX  | E26       | 19      | 25                      | 1180   | 120     | 62       | 80  | 5382 |
| LS 38 120WE W27 FL 120 S1 BX  | E26       | 19      | 40                      | 1200   | 120     | 63       | 80  | 2231 |
| LS 38 120WE WW FL 120 S1 BX   | E26       | 19      | 40                      | 1200   | 120     | 63       | 80  | 2231 |
| LS 38 120WE NW FL 120 S1 BX   | E26       | 19      | 40                      | 1150   | 120     | 61       | 80  | 2231 |
| LS 38 120WE CW FL 120 S1 BX   | E26       | 19      | 40                      | 1300   | 120     | 68       | 80  | 2231 |

FL: Flood NFL: Narrow Flood SP: Spot NW: Neutral White WW: Warm White W27: Soft White 2700K CW: Cool White  
CBCP: Center Beam Candle Power

**SPECIFICATIONS<sup>3</sup>**

|                            |                         |
|----------------------------|-------------------------|
| Equivalent Source Standard | 90W & 120W Incandescent |
| Rated Life                 | 40,000 hours            |
| Housing                    | Aluminum                |
| Socket                     | E26                     |
| Beam Spread                | 40°, 25°                |
| Flood, Narrow Flood        |                         |
| Operating Temperature      | -20°C to +40°C          |
| E26 MOL                    | 5.08in, 129.03mm        |
| Voltage                    | 120VAC                  |
| Weight                     | 1lbs., 453.59g          |
| Power Factor               | ≥.9                     |
| Warranty                   | 5 year limited          |

**DIMMER COMPATABILITY<sup>2</sup>**

**90WE PAR38**

LUTRON

C\*L Wall Mount: DIVA/SKYLARK/SKYLARK CONTOUR/ARIANDI/TOGGLER/LUMEA

Radora2: RRD-10ND, RRD-6NA

Maestro Wireless: MRF2-6ND

Homeworks Qs: HQRD-6ND, HQRD-10ND, HQRD-6NA, HXD-6ND

Stanza: SZ-6ND

Panel Modules: HW/LP-RPM-4A-120, HW/LP-RPM-4U-120, GP (HARRIER) CARD

Grafik Eye: GRAFIK EYE QS MAIN UNIT FAMILY, GRAFIK EYE 3000 FAMILY

**120WE PAR38**

LUTRON

C\*L Wall Mount: DIVA/SKYLARK/SKYLARK CONTOUR/ARIADNI/TOGGLER/LUMEA

Panel Modules: HW/LP-RPM-4A-120, HW/LP-RPM-4U-120, GP (HARRIER) CARD

Grafik Eye: GRAFIK EYE QS MAIN UNIT FAMILY, GRAFIK EYE 3000 FAMILY

Specifications supplied are nominal. Please refer to the DOE's Lighting Facts Tolerance Guidelines.

- Savings based on 8hrs/day annual hours of operation, \$0.114 average cost per KWH, \$40/hr. cost of labor and 15 minutes maintenance time to change lamp.
- Dimmer compatibility list indicates those dimmers that have been tested and operate properly under normal conditions. In certain cases, approved dimmers are offered in higher wattage varieties that are also compliant and allow the installation of additional lamps if kept within the maximum inrush current equivalent provided in the table. Each application is unique and various factors such as load, common neutrals or other electrical products on the circuit can, in certain instances, cause variance in system performance. Consult dimming system manufacturer for additional support in operation.
- Values are nominal, advances from further innovation, specifications are subject to change.



Visit [www.lsgc.com/energystar](http://www.lsgc.com/energystar) for list of ENERGY STAR qualified lamps.



**ORDERING INFORMATION \ \ LS 38 90WE WW FL 120 S1 BX**

| Family              | Product  | Watt Equivalent       | Color (CCT)            | Distribution     | Voltage      | Family | Packaging |
|---------------------|----------|-----------------------|------------------------|------------------|--------------|--------|-----------|
| LS Lighting Science | 38 PAR38 | 90WE 90W Equivalent   | W27 Soft White 2700K   | FL Flood         | 120 120 Volt | S1 S1  | BOX Box   |
|                     |          | 120WE 120W Equivalent | WW Warm White 3000K    | NFL Narrow Flood |              |        |           |
|                     |          |                       | NW Neutral White 4000K |                  |              |        |           |
|                     |          |                       | CW Cool White 5000K    |                  |              |        |           |

**NORTH AMERICAN CERTIFICATIONS**



**ENVIRONMENT**





# PAR30 & PAR20

## FEATURES

- Lower wattage lamps - requires 80% less power than comparable halogen lamps.
- Dimmable to 10% on most dimmers.
- Four available color temperatures and two available beam angles.
- Suitable for wet locations.
- Maintenance free operation, lasts up to 40x longer than incandescent lighting.
- RoHS Compliant - contains no Mercury or Lead.

## BENEFITS

- Reduced energy usage – decreases energy related costs.
- Variable light intensity creates optimal light quality.
- Offers a multitude of combinations and directionality to fit almost any need or application.
- Allows for flexibility in application.
- Long rated life – reduces maintenance cost.
- Innovative materials reduce waste and environmental impact.

## APPLICATIONS

- Accent or security lighting for commercial, residential and retail applications.

## ANNUAL OVERALL SAVINGS<sup>1</sup>

| Standard Halogen                | PAR30 75WE                     |
|---------------------------------|--------------------------------|
| Maintenance Cost<br><b>\$29</b> | Savings<br><b>\$20</b>         |
| Electricity Cost<br><b>\$24</b> | Electricity Cost<br><b>\$4</b> |

**PAR30 75WE LIFETIME SAVINGS:  
\$268**

Lasts up to 40x longer than halogen!



## PAR30 COMPARISON

|           | HALOGEN   | PAR30 75WE       |
|-----------|-----------|------------------|
| WATTAGE:  | 75W       | 14W              |
| LIFETIME: | 3,000 HRS | UP TO 40,000 HRS |

Up to 81% energy savings!



**PAR30** ★

| Part Number                  | Base Type | Wattage | Beam Angle <sup>1</sup> | Lumens | Voltage | Efficacy | CRI | CBCP |
|------------------------------|-----------|---------|-------------------------|--------|---------|----------|-----|------|
| LS 30 75WE W27 NFL 120 S1 BX | E26       | 14      | 25                      | 800    | 120     | 57       | 80  | 2910 |
| LS 30 75WE WW NFL 120 S1 BX  | E26       | 14      | 25                      | 835    | 120     | 60       | 80  | 2910 |
| LS 30 75WE NW NFL 120 S1 BX  | E26       | 14      | 25                      | 835    | 120     | 60       | 80  | 2910 |
| LS 30 75WE CW NFL 120 S1 BX  | E26       | 14      | 25                      | 935    | 120     | 67       | 80  | 2910 |
| LS 30 75WE W27 FL 120 S1 BX  | E26       | 14      | 40                      | 800    | 120     | 57       | 80  | 1315 |
| LS 30 75WE WW FL 120 S1 BX   | E26       | 14      | 40                      | 800    | 120     | 57       | 80  | 1315 |
| LS 30 75WE NW FL 120 S1 BX   | E26       | 14      | 40                      | 820    | 120     | 59       | 80  | 1315 |
| LS 30 75WE CW FL 120 S1 BX   | E26       | 14      | 40                      | 900    | 120     | 64       | 80  | 1315 |

**PAR20** ★

| Part Number                  | Base Type | Wattage | Beam Angle <sup>1</sup> | Lumens | Voltage | Efficacy | CRI | CBCP |
|------------------------------|-----------|---------|-------------------------|--------|---------|----------|-----|------|
| LS 20 50WE W27 NFL 120 S1 BX | E26       | 8       | 25                      | 460    | 120     | 58       | 80  | 1179 |
| LS 20 50WE WW NFL 120 S1 BX  | E26       | 8       | 25                      | 470    | 120     | 59       | 80  | 1179 |
| LS 20 50WE NW NFL 120 S1 BX  | E26       | 8       | 25                      | 470    | 120     | 59       | 80  | 1179 |
| LS 20 50WE CW NFL 120 S1 BX  | E26       | 8       | 25                      | 490    | 120     | 61       | 80  | 1179 |
| LS 20 50WE W27 FL 120 S1 BX  | E26       | 8       | 40                      | 490    | 120     | 61       | 80  | 593  |
| LS 20 50WE WW FL 120 S1 BX   | E26       | 8       | 40                      | 450    | 120     | 56       | 80  | 593  |
| LS 20 50WE NW FL 120 S1 BX   | E26       | 8       | 40                      | 490    | 120     | 61       | 80  | 593  |
| LS 20 50WE CW FL 120 S1 BX   | E26       | 8       | 40                      | 500    | 120     | 63       | 80  | 593  |

NFL: Narrow Flood FL: Flood NW: Neutral White WW: Warm White W27: Warm White 2700K CW: Cool White  
CBCP: Center Beam Candle Power

**SPECIFICATIONS<sup>3</sup>**

|                       |                               |
|-----------------------|-------------------------------|
| Equivalent Source     | 75W Incandescent              |
| Rated Life            | 40,000 hours                  |
| Housing               | Aluminum                      |
| Socket                | E26                           |
| Beam Spread           | 40°, 25°                      |
| Operating Temperature | -20°C to +40°C                |
| Dimensions (MO L x W) | 4.6in (119mm) x 3.74in (95mm) |
| Voltage               | 120VAC                        |
| Weight                | 0.6lbs., 272.15g              |
| Power Factor          | ≥0.9                          |
| Warranty              | 5 year limited                |

**SPECIFICATIONS<sup>3</sup>**

|                       |                                 |
|-----------------------|---------------------------------|
| Equivalent Source     | Up to 50W Incandescent          |
| Rated Life            | 40,000 hours                    |
| Housing               | Aluminum                        |
| Socket                | E26                             |
| Beam Spread           | 40°, 25°                        |
| Operating Temperature | -20°C to +40°C                  |
| Dimensions (MO L x W) | 3.3in (86mm) x 2.48in (62.99mm) |
| Voltage               | 120VAC                          |
| Weight                | 0.35lbs., 158.75g               |
| Power Factor          | ≥0.9                            |
| Warranty              | 5 year limited                  |

Specifications supplied are nominal. Please refer to the DOE's Lighting Facts Tolerance Guidelines.  
 1 Savings based on 8hrs/day annual hours of operation, \$0.114 average cost per KWH, \$40/hr. cost of labor and 15 minutes maintenance time to change lamp.  
 2 Dimmer compatibility list indicates those dimmers that have been tested and operate properly under normal conditions. In certain cases, approved dimmers are offered in higher wattage varieties that are also compliant and allow the installation of additional lamps if kept within the maximum inrush current equivalent provided in the table. Each application is unique and various factors such as load, common neutrals or other electrical products on the circuit can, in certain instances, cause variance in system performance. Consult dimming system manufacturer for additional support in operation.  
 3 Values are nominal, advances from further innovation, specifications are subject to change.

**DIMMER COMPATABILITY<sup>2</sup>**

**75WE PAR30**

**LUTRON**  
 RadioRA2 : RRD-10ND  
 Maestro Wireless : MRF2-6ND  
 Homeworks QS : HQRD-6ND, HQRD-10ND, HxD-6ND  
 Stanza : SZ-6ND  
 Panel Modules : HW/LP-RPM-4A-120, HW/LP-RPM-4U-120, GP (Harrier) Card,  
**Grafik Eye** : Grafik Eye QS Main Unit Family, Grafik Eye 3000 Family

**50WE PAR20**

**LUTRON**  
 Maestro : MAEL-153M  
 Homeworks QS : HxD-6ND  
 Stanza : SZ-6ND  
 Panel Modules : HW/LP-RPM-4A-120, HW/LP-RPM-4U-120, GP (Harrier) Card  
**Grafik Eye** : Grafik Eye QS Main Unit Family, Grafik Eye 3000 Family

★ Visit [www.lsgc.com/energystar](http://www.lsgc.com/energystar) for list of ENERGY STAR qualified lamps.



**ORDERING INFORMATION \ \ LS 30 75WE WW FL 120 S1 BX**

| Family              | Product  | Watt Equivalent | Color (CCT)    | Distribution   | Voltage             | Family           | Packaging |
|---------------------|----------|-----------------|----------------|----------------|---------------------|------------------|-----------|
| LS Lighting Science | 30 PAR30 | 75WE            | 75W Equivalent | W27            | Soft White 2700K    | FL               | Flood     |
|                     |          | 20 PAR20        | 50WE           | 50W Equivalent | WW                  | Warm White 3000K | NFL       |
|                     |          |                 |                | NW             | Neutral White 4000K |                  |           |
|                     |          |                 |                | CW             | Cool White 5000K    |                  |           |

**NORTH AMERICAN CERTIFICATIONS**



**ENVIRONMENT**





# BR20, BR30 & BR40

## FEATURES

- Soft light with wide, flood distribution.
- Dimmable to 10% on most dimmers.
- Maintenance free operation, lasts up to 25x longer than conventional lighting.
- 25,000 hour rated design life.
- RoHS compliant – contains no mercury or lead.
- Uniform design with reduced materials.

## BENEFITS

- Optical design achieves smooth beam pattern to achieve a warm room filling glow and minimize glare.
- Long rated life – reduces maintenance cost.
- Innovative materials reduce waste and environmental impact.
- Installs easily into new or retrofit applications.

## APPLICATIONS

- Downlighting for recessed cans in commercial, residential, retail, hospitality and office applications.

25,000 hour rated design life

## ANNUAL OVERALL SAVINGS<sup>1</sup>

Standard Incandescent

BR30 65WE

Maintenance Cost  
**\$29**

Savings  
**\$18**

Electricity Cost  
**\$21**

Electricity Cost  
**\$3**

**BR30 65WE LIFETIME SAVINGS:  
\$151**

## BR30 COMPARISON

|           | INCANDESCENT | BR30             |
|-----------|--------------|------------------|
| WATTAGE:  | 75W          | 10W              |
| LIFETIME: | 2,000 HRS    | UP TO 25,000 HRS |

Up to 84% energy savings!



**BR20** ★

| Part Number                | Base Type | Wattage | Lumens | Voltage | Efficacy | CRI |
|----------------------------|-----------|---------|--------|---------|----------|-----|
| LS BR20 50WE W27 120 CB BX | E26       | 8       | 550    | 120     | 69       | 80  |
| LS BR20 50WE CW 120 CB BX  | E26       | 8       | 600    | 120     | 75       | 80  |

**BR30** ★

| Part Number                | Base Type | Wattage | Lumens | Voltage | Efficacy | CRI |
|----------------------------|-----------|---------|--------|---------|----------|-----|
| LS BR30 65WE W27 120 CB BX | E26       | 10      | 650    | 120     | 65       | 80  |
| LS BR30 65WE CW 120 CB BX  | E26       | 10      | 700    | 120     | 70       | 80  |

**BR40** ★

| Part Number                | Base Type | Wattage | Lumens | Voltage | Efficacy | CRI |
|----------------------------|-----------|---------|--------|---------|----------|-----|
| LS BR40 90WE W27 120 CB BX | E26       | 14      | 1000   | 120     | 71       | 80  |
| LS BR40 90WE CW 120 CB BX  | E26       | 14      | 1050   | 120     | 75       | 80  |

NW: Neutral White WW: Warm White W27: Warm White 2700K CW: Cool White

**BR20 SPECIFICATIONS<sup>3</sup>**

|                       |                                |
|-----------------------|--------------------------------|
| Equivalent Source     | 50W Incandescent BR            |
| Rated Life            | 25,000 hours                   |
| Housing               | Aluminum                       |
| Socket                | E26                            |
| Operating Temperature | -20°C to +40°C                 |
| Dimensions (MOL x W)  | 3.8in (96.52mm) x 2.9in (74mm) |
| Voltage               | 120VAC                         |
| Weight                | 3.8 oz, 110g                   |
| Power Factor          | ≥.95                           |
| Warranty              | 5 year limited                 |

**BR30 SPECIFICATIONS<sup>3</sup>**

|                       |                                |
|-----------------------|--------------------------------|
| Equivalent Source     | 65W Incandescent BR            |
| Rated Life            | 25,000 hours                   |
| Housing               | Aluminum                       |
| Socket                | E26                            |
| Operating Temperature | -20°C to +40°C                 |
| Dimensions (MOL x W)  | 5.2in (132.08mm) x 4in (102mm) |
| Voltage               | 120VAC                         |
| Weight                | 4.9 oz, 140g                   |
| Power Factor          | ≥.95                           |
| Warranty              | 5 year limited                 |

**BR40 SPECIFICATIONS<sup>3</sup>**

|                       |                                |
|-----------------------|--------------------------------|
| Equivalent Source     | 90W Incandescent BR            |
| Rated Life            | 25,000 hours                   |
| Housing               | Aluminum                       |
| Socket                | E26                            |
| Operating Temperature | -20°C to +40°C                 |
| Dimensions (MOL x W)  | 5.5 in (139.7mm) x 5in (127mm) |
| Voltage               | 120VAC                         |
| Weight                | 7.05 oz, 200g                  |
| Power Factor          | ≥.94                           |
| Warranty              | 5 year limited                 |

Specifications supplied are nominal. Please refer to the DOE's Lighting Facts Tolerance Guidelines.

<sup>1</sup> Savings based on 8hrs/day annual hours of operation, \$0.114 average cost per KWH, \$40/hr. cost of labor and 15 minutes maintenance time to change lamp.

<sup>2</sup> Dimmer compatibility list indicates those dimmers that have been tested and operate properly under normal conditions. In certain cases, approved dimmers are offered in higher wattage varieties that are also compliant and allow the installation of additional lamps if kept within the maximum inrush current, equivalent provided in the table. Each application is unique and various factors such as load, common neutrals or other electrical products on the circuit can, in certain instances, cause variance in system performance. Consult dim51ng system manufacturer for additional support in operation.

<sup>3</sup> Values are nominal, advances from further innovation, specifications are subject to change.

**DIMMER COMPATABILITY<sup>2</sup>**

**50WE BR20**

LUTRON

C\*L Wall Mount: Diva/Skylark/Skylark Contour/Ariadni/Toggler/Lumea

Maestro: MACL-153M

RadioRA2: RRD-6NA

Homeworks QS: HQRD-6NA

**65WE BR30**

LUTRON

C\*L Wall Mount: Diva/Skylark/Skylark Contour/Ariadni/Toggler/Lumea

Maestro: MACL-153M

**90WE BR40**

LUTRON

Maestro: MACL-153M

Maestro Wireless: MRF2-6ND

Homeworks QS: HQRD-6ND, HQRD-10ND

Maestro Sensor: MSCL-OP153M, MSCL-VP153M



Visit [www.lsgc.com/energystar](http://www.lsgc.com/energystar) for list of ENERGY STAR qualified lamps.



**ORDERING INFORMATION \ \ LS BR20 50WE WW 120 CB BX**

| Family              | Product   | Watt Equivalent     | Color (CCT)          | Voltage      | Family          | Packaging |
|---------------------|-----------|---------------------|----------------------|--------------|-----------------|-----------|
| LS Lighting Science | BR20 BR20 | 50WE 50W Equivalent | W27 Warm White 2700K | 120 120 Volt | CB Chicken Bone | BX Box    |
|                     | BR30 BR30 | 65WE 65W Equivalent | CW Cool White 5000K  |              |                 |           |
|                     | BR40 BR40 | 90WE 90W Equivalent |                      |              |                 |           |

**NORTH AMERICAN CERTIFICATIONS**



**ENVIRONMENT**





# MR16

## FEATURES

- Up to 80% more efficient than comparable halogen lamps.
- Dimmable to 10% on most dimmers.
- Two available color temperatures and two available beam angles.
- Maintenance free operation, lasts up to 11x longer than conventional lighting.
- 25,000 hour rated design life.
- RoHS compliant – contains no mercury or lead.
- Uniform design with reduced materials.

## BENEFITS

- Reduced energy usage – decreases energy related costs.
- Variable light intensity creates optimal light quality.
- Offers a multitude of combinations and directionality to fit almost any need or application.
- Long rated life – reduces maintenance cost.
- Innovative materials reduce waste and environmental impact.
- Installs easily into new or retrofit applications.

## APPLICATIONS

- Track and accent lighting for residential, retail, hospitality and office applications.

## ANNUAL OVERALL SAVINGS<sup>1</sup>

| Standard Halogen                | MR16 50WE                      |
|---------------------------------|--------------------------------|
| Maintenance Cost<br><b>\$29</b> | Savings<br><b>\$13</b>         |
| Electricity Cost<br><b>\$16</b> | Electricity Cost<br><b>\$2</b> |

**MR16 50WE LIFETIME SAVINGS: \$115**

50W High Output version available



## MR16 50WE COMPARISON

|           | HALOGEN   | MR16 50WE  |
|-----------|-----------|------------|
| WATTAGE:  | 50W       | 8W         |
| LIFETIME: | 3,000 HRS | 25,000 HRS |

Up to 84% energy savings!

**MR16**

| Part Number              | Base Type | Wattage | Beam Angle | Lumens | Efficacy | CRI | CBCP |
|--------------------------|-----------|---------|------------|--------|----------|-----|------|
| LS 16 35WE WW NFL S1 BX  | 5.3       | 6W      | 25         | 350    | 58       | 80  | 1601 |
| LS 16 35WE WW FL S1 BX   | 5.3       | 6W      | 40         | 350    | 58       | 80  | 791  |
| LS 16 35WE W27 NFL S1 BX | 5.3       | 6W      | 25         | 330    | 55       | 80  | 1601 |
| LS 16 35WE W27 FL S1 BX  | 5.3       | 6W      | 40         | 330    | 55       | 80  | 791  |
| LS 16 50WE WW NFL S1 BX  | 5.3       | 8W      | 25         | 500    | 63       | 80  | 2323 |
| LS 16 50WE WW FL S1 BX   | 5.3       | 8W      | 40         | 500    | 63       | 80  | 1147 |
| LS 16 50WE W27 NFL S1 BX | 5.3       | 8W      | 25         | 470    | 59       | 80  | 2323 |
| LS 16 50WE W27 FL S1 BX  | 5.3       | 8W      | 40         | 470    | 59       | 80  | 1147 |

FL: Flood NFL: Narrow Flood NW: Neutral White WW: Warm White W27: Warm White 2700K  
 CW: Cool White CBCP: Center Beam Candle Power

**MR16 SPECIFICATIONS<sup>3</sup>**

|                       |                               |
|-----------------------|-------------------------------|
| Equivalent Source     | Up to 35W /50W Halogen        |
| Rated Life            | 25,000 hours                  |
| Housing               | Aluminum                      |
| Socket                | GU 5.3                        |
| Beam Spread           | 40°, 25°                      |
| Operating Temperature | -20°C to +40°C                |
| Dimensions (MOL x W)  | 1.88in (48mm) x 1.96in (50mm) |
| Voltage               | 120VAC                        |
| Weight                | 0.2 lbs., 90.7g               |
| Power Factor          | ≥.7                           |
| Warranty              | 5 year limited                |

**MR16 TRANSFORMER COMPATABILITY**

**MR16 35WE:**

**Hatch:** RS12-15M-LED, RS12-30M-LED, RS12-80M, VS12-75W  
**WAC:** EN-1260-R-AR  
**ELCO:** ET526  
**PROGRESS:** P8560-31  
**PHILIPS:** LED120A0012V10F

**MR16 50WE:**

**Hatch:** RS12-15M-LED, RS12-30M-LED, RS12-80M,  
**WAC:** EN-1260-R-AR, EN-1275-R-AR  
**LIGHTECH:** LVT-60  
**JUON:** R731BL  
**ELCO:** ET526  
**TRAN:** QT10  
**B+L TECHNOLOGIES:** FX95100

Specifications supplied are nominal. Please refer to the DOE's Lighting Facts Tolerance Guidelines. As a part of a continuous improvement program, specifications can be subject to change and are updated regularly at [www.lsgc.com](http://www.lsgc.com). LM79 results based on 12 Volt DC source

1. Savings based on 8hrs/day annual hours of operation, \$0.114 average cost per KWH, \$40/hr. cost of labor and 15 minutes maintenance time to change lamp.  
 2. Values are nominal, advances from further innovation, specifications are subject to change.



Visit [www.lsgc.com/energystar](http://www.lsgc.com/energystar) for list of ENERGY STAR qualified lamps.



**ORDERING INFORMATION \ \ LS 16 35WE WW NFL S1 BX**

| Family              | Product | Watt Equivalent |                | Color (CCT) |                  | Distribution |              | Family |    | Packaging |     |
|---------------------|---------|-----------------|----------------|-------------|------------------|--------------|--------------|--------|----|-----------|-----|
| LS Lighting Science | 16 MR16 | 35WE            | 35W Equivalent | W27         | Soft White 2700K | FL           | Flood        | S1     | S1 | BX        | Box |
|                     |         | 50WE            | 50W Equivalent | WW          | Warm White 3000K | NFL          | Narrow Flood |        |    |           |     |

**NORTH AMERICAN CERTIFICATIONS**



**ENVIRONMENT**





# MR16 GU10 & PAR16

## FEATURES

- Up to 80% more efficient than comparable halogen lamps.
- Dimmable to 10% on most dimmers.
- Two available color temperatures and two available beam angles.
- Maintenance free operation, lasts up to 11x longer than conventional lighting.
- 25,000 hour rated design life.
- RoHS compliant – contains no mercury or lead.
- Uniform design with reduced materials.

## BENEFITS

- Reduced energy usage – decreases energy related costs.
- Variable light intensity creates optimal light quality.
- Offers a multitude of combinations and directionality to fit almost any need or application.
- Long rated life – reduces maintenance cost.
- Innovative materials reduce waste and environmental impact.
- Installs easily into new or retrofit applications.

## APPLICATIONS

- Track and accent lighting for residential, retail, hospitality and office applications.

## MR16 GU10 COMPARISON

|           | HALOGEN   | MR16 GU10  |
|-----------|-----------|------------|
| WATTAGE:  | 30W       | 6W         |
| LIFETIME: | 3,000 HRS | 20,000 HRS |

Up to 84% energy savings!

## ANNUAL OVERALL SAVINGS<sup>1</sup>

| Standard Halogen                | MR16 GU10 35WE                 |
|---------------------------------|--------------------------------|
| Maintenance Cost<br><b>\$29</b> | Savings<br><b>\$9</b>          |
| Electricity Cost<br><b>\$11</b> | Electricity Cost<br><b>\$2</b> |

**MR16 GU10 35WE LIFETIME SAVINGS: \$79**

Up to 80% more efficient than comparable halogen lamp **+**



**MR16 GU10**

| Part Number                       | Base Type | Wattage | Beam Angle | Lumens | Voltage | Efficacy | CRI | CBCP |
|-----------------------------------|-----------|---------|------------|--------|---------|----------|-----|------|
| LS 16 35WE W27 NFL GU10 S1 BX     | GU10      | 6W      | 25         | 360    | 120     | 60       | 80  | 1601 |
| LS 16 35WE W27 FL GU10 S1 BX      | GU10      | 6W      | 40         | 360    | 120     | 60       | 80  | 791  |
| LS 16 35WE WW NFL GU10 120 S1 BX  | GU10      | 6W      | 25         | 380    | 120     | 63       | 80  | 1601 |
| LS 16 35WE WW FL GU10 120 S1 BX   | GU10      | 6W      | 40         | 380    | 120     | 63       | 80  | 791  |
| LS 16 50WE W27 NFL GU10 120 S1 BX | GU10      | 8W      | 25         | 470    | 120     | 59       | 80  | 2323 |
| LS 16 50WE W27 FL GU10 120 S1 BX  | GU10      | 8W      | 40         | 470    | 120     | 59       | 80  | 1147 |
| LS 16 50WE WW NFL GU10 120 S1 BX  | GU10      | 8W      | 25         | 500    | 120     | 63       | 80  | 2323 |
| LS 16 50WE WW FL GU10 120 S1 BX   | GU10      | 8W      | 40         | 500    | 120     | 63       | 80  | 1147 |

**PAR16**

| Part Number                    | Base Type | Wattage | Beam Angle | Lumens | Voltage | Efficacy | CRI | CBCP |
|--------------------------------|-----------|---------|------------|--------|---------|----------|-----|------|
| LS 16 35WE WW FL E26 120 S1 BX | E26       | 6W      | 40         | 380    | 120     | 63       | 80  | 791  |
| LS 16 50WE WW FL E26 120 S1 BX | E26       | 8W      | 40         | 500    | 120     | 63       | 80  | 1147 |

FL: Flood NFL: Narrow Flood NW: Neutral White WW: Warm White W27: Warm White 2700K  
 CW: Cool White CBCP: Center Beam Candle Power

**MR16 GU10 SPECIFICATIONS<sup>3</sup>**

|                       |                               |
|-----------------------|-------------------------------|
| Equivalent Source     | Up to 35W /50W Halogen        |
| Rated Life            | 25,000 hours                  |
| Housing               | Aluminum                      |
| Socket                | GU10                          |
| Beam Spread           | 40°, 25°                      |
| Operating Temperature | -20°C to +40°C                |
| Dimensions (MOL x W)  | 2.04in (52mm) x 1.96in (50mm) |
| Voltage               | 120VAC                        |
| Weight                | 0.2 lbs., 90.7g               |
| Power Factor          | ≥.7                           |
| Warranty              | 5 year limited                |

**PAR16 SPECIFICATIONS<sup>3</sup>**

|                       |                                |
|-----------------------|--------------------------------|
| Equivalent Source     | Up to 35W /50W Halogen         |
| Rated Life            | 25,000 hours                   |
| Housing               | Aluminum                       |
| Socket                | E26                            |
| Operating Temperature | -20°C to +40°C                 |
| Dimensions (MOL x W)  | 2.51 in (64mm) x 1.96in (50mm) |
| Voltage               | 120VAC                         |
| Weight                | .2 lbs, 90.7g                  |
| Power Factor          | ≥.7                            |
| Warranty              | 5 year limited                 |

**MR16 GU10 & PAR16 DIMMER COMPATABILITY<sup>2</sup>**

**MR16 GU10**

LUTRON

C\*L Series : Diva/Skylark/Ariandi/Toggler/Diva

**PAR16**

LUTRON

C\*L Series : Diva/Skylark/Ariandi/Toggler/Diva



Visit [www.lsgc.com/energystar](http://www.lsgc.com/energystar) for list of ENERGY STAR qualified lamps.



Specifications supplied are nominal. Please refer to the DOE's Lighting Facts Tolerance Guidelines.

- 1 Savings based on 8hrs/day annual hours of operation, \$0.114 average cost per KWH, \$40/hr. cost of labor and 15 minutes maintenance time to change lamp.
- 2 Dimmer compatibility list indicates those dimmers that have been tested and operate properly under normal conditions. In certain cases, approved dimmers are offered in higher wattage varieties that are also compliant and allow the installation of additional lamps if kept within the maximum inrush current equivalent provided in the table. Each application is unique and various factors such as load, common neutrals or other electrical products on the circuit can, in certain instances, cause variance in system performance. Consult dimming system manufacturer for additional support in operation.
- 3 Values are nominal, advances from further innovation, specifications are subject to change.

**ORDERING INFORMATION \ \ LS 16 35WE WW NFL GU10 120 S1 BX**

| Family | Product  | Watt Equivalent     | Color (CCT)          | Distribution     | Base           | Voltage      | Family | Packaging |
|--------|----------|---------------------|----------------------|------------------|----------------|--------------|--------|-----------|
| LS     | 16 MR16  | 35WE 35W Equivalent | W27 Soft White 2700K | FL Flood         | GU10 GU10 Base | 120 120 Volt | S1 S1  | BX Box    |
|        | 16 PAR16 |                     | WW Warm White 3000K  | NFL Narrow Flood | E26 E26 Base   |              |        |           |

**NORTH AMERICAN CERTIFICATIONS**



**ENVIRONMENT**





# A19

## FEATURES

- 80% more efficient than comparable incandescent lamps.
- Dimmable to 10% on most dimmers.
- Omni-directional design in three wattage equivalencies.
- Maintenance free operation, lasts over 50x longer than conventional lighting.
- RoHS compliant – contains no mercury or lead.

## BENEFITS

- Reduced energy usage – decreases energy related costs.
- Variable light intensity creates optimal light quality.
- Smooth and uniform light to create a well-balanced environment.
- Long rated life – reduces maintenance cost.
- Innovative materials reduce waste and environmental impact.
- Installs easily into new or retrofit applications.

## APPLICATIONS

- Ideal for table and floor lamps in residential, retail, hospitality and office applications.

Available in 40W, 60W & 75W equivalents +

## ANNUAL OVERALL SAVINGS<sup>1</sup>

Standard Incandescent

A19 60WE

|                                 |                                |
|---------------------------------|--------------------------------|
| Maintenance Cost<br><b>\$32</b> | Savings<br><b>\$46</b>         |
| Electricity Cost<br><b>\$20</b> | Electricity Cost<br><b>\$5</b> |

**A19 60WE LIFETIME SAVINGS:  
\$815**



## A19 60WE COMPARISON

|           | INCANDESCENT | A19 60WE   |
|-----------|--------------|------------|
| WATTAGE:  | 60W          | 12W        |
| LIFETIME: | 1,000 HRS    | 25,000 HRS |

Up to 81% energy savings!



**A19** ★

| Part Number          | Base Type | Wattage | Lumens | Voltage | Efficacy | CRI |
|----------------------|-----------|---------|--------|---------|----------|-----|
| DFN A19 40WE W27 120 | E26       | 8W      | 450    | 120     | 56       | 82  |
| DFN A19 40WE WW 120  | E26       | 8W      | 450    | 120     | 56       | 82  |
| DFN A19 40WE CW 120  | E26       | 8W      | 480    | 120     | 60       | 82  |
| DFN A19 60WE W27 120 | E26       | 12W     | 800    | 120     | 67       | 82  |
| DFN A19 60WE WW 120  | E26       | 12W     | 800    | 120     | 67       | 82  |
| DFN A19 60WE CW 120  | E26       | 12W     | 850    | 120     | 71       | 82  |
| DFN A19 75WE W27 120 | E26       | 14W     | 1150   | 120     | 82       | 80  |
| DFN A19 75WE WW 120  | E26       | 14W     | 1200   | 120     | 86       | 80  |
| DFN A19 75WE CW 120  | E26       | 14W     | 1300   | 120     | 93       | 80  |

NW: Neutral White WW: Warm White W27: Warm White 2700K CW: Cool White

**A19 40WE SPECIFICATIONS<sup>3</sup>**

|                       |                                  |
|-----------------------|----------------------------------|
| Equivalent Source     | 40W Incandescent                 |
| Rated Life            | 50,000 hours                     |
| Housing               | Thermally Conductive Plastic     |
| Socket                | E26                              |
| Operating Temperature | -20°C to +40°C                   |
| Dimensions            | 4.39in (111mm) x 2.53in (64.3mm) |
| Voltage               | 120VAC                           |
| Weight                | 3.8 oz, 110g                     |
| Power Factor          | ≥.9                              |
| Warranty              | 5 year limited                   |

**A19 60WE SPECIFICATIONS<sup>3</sup>**

|                       |                                   |
|-----------------------|-----------------------------------|
| Equivalent Source     | 60W Incandescent                  |
| Rated Life            | 25,000 hours                      |
| Housing               | Thermally Conductive Plastic      |
| Socket                | E26                               |
| Operating Temperature | -20°C to +40°C                    |
| Dimensions            | 4.39in (111.5mm) x 2.5in (64.3mm) |
| Voltage               | 120VAC                            |
| Weight                | 4.9 oz., 141g                     |
| Power Factor          | ≥.9                               |
| Warranty              | 5 year limited                    |

**A19 75WE SPECIFICATIONS<sup>3</sup>**

|                       |                                   |
|-----------------------|-----------------------------------|
| Equivalent Source     | 75W Incandescent                  |
| Rated Life            | 25,000 hours                      |
| Housing               | Thermally Conductive Plastic      |
| Socket                | E26                               |
| Operating Temperature | -20°C to +40°C                    |
| Dimensions            | 4.4in (111.5mm) x 2.73in (69.2mm) |
| Voltage               | 120VAC                            |
| Weight                | 4.6 oz., 131g                     |
| Power Factor          | ≥.9                               |
| Warranty              | 5 year limited                    |

Specifications supplied are nominal. Please refer to the DOE's Lighting Facts Tolerance Guidelines.

- Savings based on 8hrs/day annual hours of operation, \$0.114 average cost per KWH, \$40/hr. cost of labor and 15 minutes maintenance time to change lamp.
- Dimmer compatibility list indicates those dimmers that have been tested and operate properly under normal conditions. In certain cases, approved dimmers are offered in higher wattage varieties that are also compliant and allow the installation of additional lamps if kept within the maximum inrush current equivalent provided in the table. Each application is unique and various factors such as load, common neutrals or other electrical products on the circuit can, in certain instances, cause variance in system performance. Consult dim5ing system manufacturer for additional support. In operation.
- Values are nominal, advances from further innovation, specifications are subject to change.

**DIMMER COMPATABILITY<sup>2</sup>**

40WE / 60WE / 75WE A19

LUTRON

Diva: DVCL-153PD, DVW-603-PGH

Skylark: CTCL-153PDH, S-600PR

Lumea: LG-103PH, LGCL-153PH

Toggle R: TGCL 153PH



Visit [www.lsgc.com/energystar](http://www.lsgc.com/energystar) for list of ENERGY STAR qualified lamps.



**ORDERING INFORMATION \ \ LS A19 40WE W27 120 BX**

| Family              | Product | Wattage Equivalency     | Color (CCT)          | Voltage      | Packaging |
|---------------------|---------|-------------------------|----------------------|--------------|-----------|
| LS Lighting Science | A19 A19 | 40WE 40 Watt Equivalent | W27 Warm White 2700K | 120 120 Volt | BX Box    |
|                     |         | 60WE 60 Watt Equivalent | WW Warm White 3000K  |              |           |
|                     |         | 75WE 75 Watt Equivalent | CW Cool White 5000K  |              |           |

**40WE / 60WE NORTH AMERICAN CERTIFICATIONS**



**75WE NORTH AMERICAN CERTIFICATIONS**



**ENVIRONMENT**





# GP19 & GP19 3-WAY

## FEATURES

- Up to 84% more efficient than comparable incandescent lamps.
- GP19 3-Way – offers three power options equivalent to 25, 40, & 60W incandescent lamps.
- Maintenance free operation, lasts over 20x longer than conventional lighting.
- RoHS compliant – contains no mercury or lead.

## BENEFITS

- Reduced energy usage – decreases energy related costs.
- Easily controllable light intensity for greater energy savings.
- Perfect for table and floor lamps with a 3-way switch to adjust light levels..
- Long rated life – reduces maintenance cost.
- Innovative materials reduce waste and environmental impact.
- Installs easily into new or retrofit applications.

## APPLICATIONS

- Ideal for table and floor lamps with a 3-way switch in residential and hospitality applications.


## ANNUAL OVERALL SAVINGS<sup>1</sup>

Standard Incandescent

GP19 60WE

|                                 |                                     |
|---------------------------------|-------------------------------------|
| Maintenance Cost<br><b>\$29</b> | Savings <sup>2</sup><br><b>\$16</b> |
| Electricity Cost<br><b>\$19</b> | Electricity Cost<br><b>\$3</b>      |

**GP19 60WE LIFETIME SAVINGS:  
\$110**

Up to 84% more efficient than comparable  
40W incandescent lamp 



## G19 COMPARISON

|           | INCANDESCENT | GP19       |
|-----------|--------------|------------|
| WATTAGE:  | 40W          | 6W         |
| LIFETIME: | 2,000 HRS    | 20,000 HRS |

Up to 85% energy savings!

**GP19** ★

| Part Number                    | Base Type | Wattage | Lumens | Voltage | Efficacy | CRI |
|--------------------------------|-----------|---------|--------|---------|----------|-----|
| LS GP19 40WE W27 NDM 120 G1 BX | E26       | 6       | 450    | 120     | 75       | 80  |
| LS GP19 40WE CW NDM 120 G1 BX  | E26       | 6       | 450    | 120     | 75       | 80  |
| LS GP19 60WE W27 NDM 120 G1 BX | E26       | 9       | 800    | 120     | 89       | 80  |
| LS GP19 60WE CW NDM 120 G1 BX  | E26       | 9       | 800    | 120     | 89       | 80  |

**GP19 3-WAY** ★

| Part Number                     | Base Type | Wattage | Lumens      | Voltage | Efficacy | CRI |
|---------------------------------|-----------|---------|-------------|---------|----------|-----|
| LS GP19 60WE W27 120 3WAY G1 BX | E26       | 10      | 300/450/810 | 120     | 81       | 80  |

NW: Neutral White WW: Warm White W27: Soft White 2700K CW: Cool White

**GP19 SPECIFICATIONS<sup>2</sup>**

|                       |                             |
|-----------------------|-----------------------------|
| Equivalent Source     | 40W & 60W Incandescent      |
| Rated Life            | 20,000 hours                |
| Housing               | Aluminum                    |
| Socket                | E26                         |
| Operating Temperature | -20°C to +40°C              |
| Dimensions            | 3.9in (99mm) x 2.2in (56mm) |
| Voltage               | 120VAC                      |
| Weight                | .3 lbs, 136.07g             |
| Power Factor          | ≥.7                         |
| Warranty              | 5 year limited              |

**GP19 SPECIFICATIONS<sup>2</sup>**

|                       |                             |
|-----------------------|-----------------------------|
| Equivalent Source     | 60W Incandescent            |
| Rated Life            | 20,000 hours                |
| Housing               | Aluminum                    |
| Socket                | E26                         |
| Operating Temperature | -20°C to +40°C              |
| Dimensions            | 3.9in (99mm) x 2.2in (56mm) |
| Voltage               | 120VAC                      |
| Weight                | .3 lbs, 136.07g             |
| Power Factor          | ≥.7                         |
| Warranty              | 5 year limited              |

Specifications supplied are nominal. Please refer to the DOE's Lighting Facts Tolerance Guidelines.  
 1. Savings based on 8hrs/day annual hours of operation, 50,114 average cost per KWH, \$40/hr, cost of labor and 15 minutes maintenance time to change lamp.  
 2. Values are nominal, advances from further innovation, specifications are subject to change.

★ Visit [www.lsgc.com/energystar](http://www.lsgc.com/energystar) for list of ENERGY STAR qualified lamps.



**ORDERING INFORMATION \ \ LS GP19 60WE W27 NDM 120 G1 BX**

| Family              | Product   | Watt Equivalent     | Color (CCT)          | Descriptor       | Voltage      | Family | Package |
|---------------------|-----------|---------------------|----------------------|------------------|--------------|--------|---------|
| LS Lighting Science | GP19 GP19 | 40WE 40W Equivalent | W27 Warm White 2700K | NDM Non Dimmable | 120 120 Volt | G1 G1  | BX Box  |
|                     |           | 60WE 60W Equivalent | CW Cool White 5000K  |                  |              |        |         |

**NORTH AMERICAN CERTIFICATIONS**



**ENVIRONMENT**



**ORDERING INFORMATION \ \ LS GP19 60WE W27 120 3WAY G1 BX**

| Family              | Product   | Watt Equivalent     | Color (CCT)          | Voltage      | Descriptor | Family | Package |
|---------------------|-----------|---------------------|----------------------|--------------|------------|--------|---------|
| LS Lighting Science | GP19 GP19 | 60WE 60W Equivalent | W27 Soft White 2700K | 120 120 Volt | 3WAY       | G1     | BX Box  |

**NORTH AMERICAN CERTIFICATIONS**



**ENVIRONMENT**





# G25

## FEATURES

- Decorative LED lamp offering for aesthetically driven projects.
- Dimmable to 10% on most dimmers.
- Requires 80% less power than comparable incandescent lamps.
- Maintenance free operation, lasts over 20x longer than conventional lighting.
- RoHS compliant – contains no mercury or lead.

## BENEFITS

- Offers flexibility for projects that include candelabra, sconce and fan lighting.
- Reduced energy usage – decreases energy related costs.
- Long rated life – reduces maintenance cost.
- Innovative materials reduce waste and environmental impact.
- Installs easily into new or retrofit applications.

## APPLICATIONS

- Ideal for decorative applications in residential, retail and hospitality applications.


## ANNUAL OVERALL SAVINGS<sup>1</sup>

Standard Incandescent

G25

|                                 |                                     |
|---------------------------------|-------------------------------------|
| Maintenance Cost<br><b>\$29</b> | Savings <sup>2</sup><br><b>\$11</b> |
| Electricity Cost<br><b>\$13</b> | Electricity Cost<br><b>\$2</b>      |

**G25 LIFETIME SAVINGS: \$93**

Dimmable to 10% on most dimmers 



## G25 COMPARISON

|           | INCANDESCENT | G25        |
|-----------|--------------|------------|
| WATTAGE:  | 50W          | 6W         |
| LIFETIME: | 1,000 HRS    | 25,000 HRS |

Up to 84% energy savings!

**G25**

| Part Number              | Base Type | Wattage | Lumens | Voltage | Efficacy | CRI |
|--------------------------|-----------|---------|--------|---------|----------|-----|
| LS 25 40WE W27 120 CB BX | E26       | 6W      | 400    | 120     | 67       | 80  |

NW: Neutral White WW: Warm White W27: Soft White 2700K CW: Cool White

**G25 SPECIFICATIONS<sup>3</sup>**

|                       |                                 |
|-----------------------|---------------------------------|
| Equivalent Source     | 40W Incandescent                |
| Rated Life            | 25,000 hours                    |
| Housing               | Thermally Conductive Plastic    |
| Socket                | E26                             |
| Operating Temperature | -20°C to +40°C                  |
| Dimensions            | 4.6in (116.84mm) x 3.3in (83mm) |
| Voltage               | 120VAC                          |
| Weight                | .3 lbs, 136.07g                 |
| Power Factor          | ≥.9                             |
| Warranty              | 5 year limited                  |

**DIMMER COMPATABILITY<sup>2</sup>**

40WE G25

**LUTRON**

C\*L Wall Mount: Diva/Skylark/Skylark  
Contour/Ariadni/Toggler/Lumea

Maestro: MACL-153M

RadioRA2: RRD-6NA

Homeworks QS: HQRD-6NA, HxD-6ND

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1 Savings based on 8hrs/day annual hours of operation, \$0.114 average cost per KWH, \$40/hr. cost of labor and 15 minutes maintenance time to change lamp.

2 Dimmer compatibility list indicates those dimmers that have been tested and operate properly under normal conditions. In certain cases, approved dimmers are offered in higher wattage varieties that are also compliant and allow the installation of additional lamps if kept within the maximum inrush current equivalent provided in the table. Each application is unique and various factors such as load, common neutrals or other electrical products on the circuit can, in certain instances, cause variance in system performance. Consult dimming system manufacturer for additional support in operation.

3 Values are nominal, advances from further innovation, specifications are subject to change.



Visit [www.lsgc.com/energystar](http://www.lsgc.com/energystar) for list of ENERGY STAR qualified lamps.



**ORDERING INFORMATION \ \ LS G25 40WE W27 120 G1 BX**

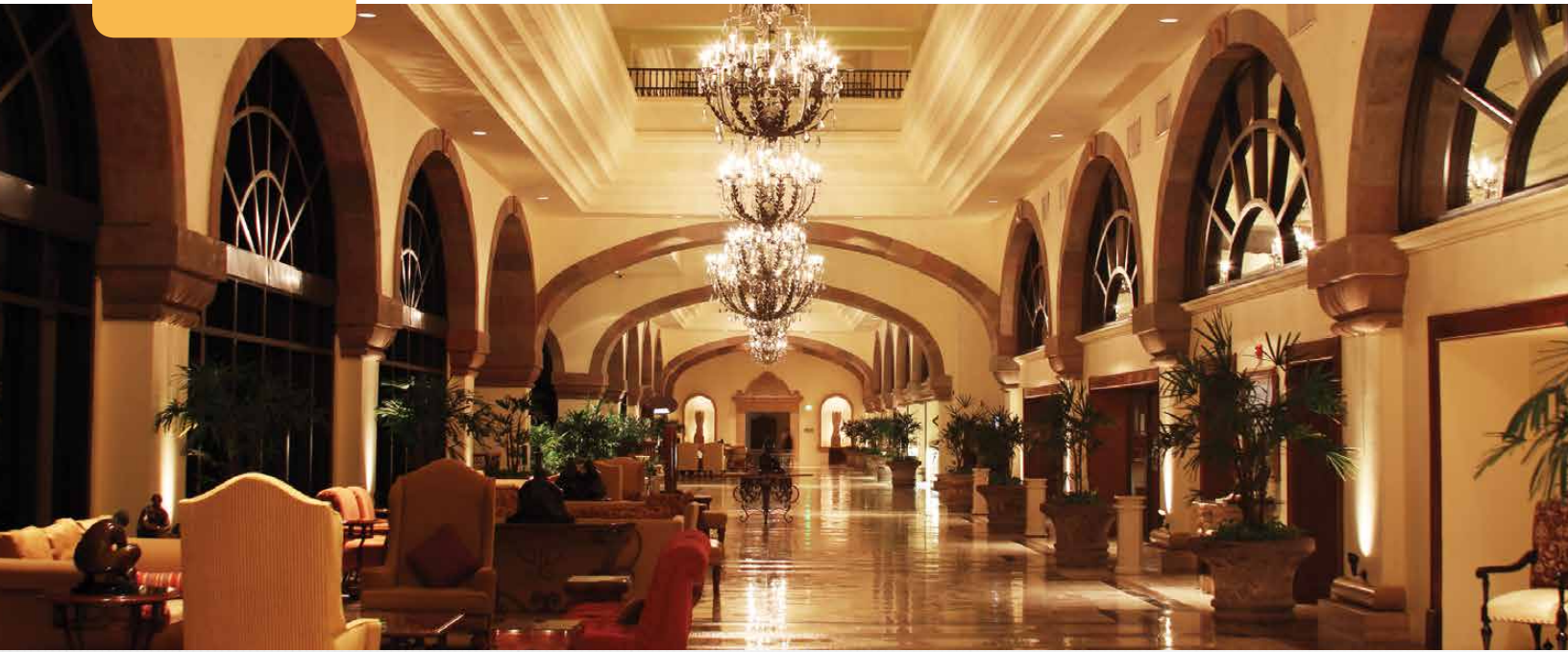
| Family              | Product | Watt Equivalent     | Color (CCT)          | Voltage      | Family          | Package |
|---------------------|---------|---------------------|----------------------|--------------|-----------------|---------|
| LS Lighting Science | G25 G25 | 40WE 40W Equivalent | W27 Warm White 2700K | 120 120 Volt | CB Chicken Bone | BX Box  |

**NORTH AMERICAN CERTIFICATIONS**



**ENVIRONMENT**





# B11 & P15

## FEATURES

- Decorative LED lamp offering for aesthetically driven projects.
- Dimmable to 10% on most dimmers.
- Requires 80% less power than comparable incandescent lamps.
- Maintenance free operation, lasts over 20x longer than conventional lighting.
- RoHS compliant – contains no mercury or lead.

## BENEFITS

- Offers flexibility for projects that include candelabra, sconce and fan lighting.
- Reduced energy usage – decreases energy related costs.
- Long rated life – reduces maintenance cost.
- Innovative materials reduce waste and environmental impact.
- Installs easily into new or retrofit applications.

## APPLICATIONS

- Ideal for decorative applications in residential, retail and hospitality applications.


## ANNUAL OVERALL SAVINGS<sup>1</sup>

Standard Incandescent

P15

|                                 |                                |
|---------------------------------|--------------------------------|
| Maintenance Cost<br><b>\$29</b> | Savings<br><b>\$11</b>         |
| Electricity Cost<br><b>\$13</b> | Electricity Cost<br><b>\$1</b> |

**P15 LIFETIME SAVINGS: \$77**

Dimmable to 10% on most dimmers 

## P15 COMPARISON

|           | INCANDESCENT | P15        |
|-----------|--------------|------------|
| WATTAGE:  | 50W          | 6W         |
| LIFETIME: | 1,000 HRS    | 50,000 HRS |

Up to 87% energy savings!



**B11** ★

| Part Number                   | Base Type | Wattage | Lumens | Voltage | Efficacy | CRI |
|-------------------------------|-----------|---------|--------|---------|----------|-----|
| LS B11 25WE W27 120 G1 BX     | E12       | 4W      | 200    | 120     | 50       | 80  |
| LS B11 25WE W27 E26 120 G1 BX | E26       | 4W      | 200    | 120     | 50       | 80  |
| LS B11 40WE W27 120 G1 BX     | E12       | 5W      | 325    | 120     | 65       | 80  |
| LS B11 40WE W27 E26 120 G1 BX | E26       | 5W      | 325    | 120     | 65       | 80  |

**P15** ★

| Part Number               | Base Type | Wattage | Lumens | Voltage | Efficacy | CRI |
|---------------------------|-----------|---------|--------|---------|----------|-----|
| LS P15 40WE W27 120 G1 BX | E26       | 5W      | 300    | 120     | 60       | 80  |

NW: Neutral White WW: Warm White W27: Soft White 2700K CW: Cool White

**B11 SPECIFICATIONS<sup>3</sup>**

|                       |                                    |
|-----------------------|------------------------------------|
| Equivalent Source     | 25W & 40W Incandescent             |
| Rated Life            | 20,000 hours                       |
| Housing               | Aluminum                           |
| Socket                | E12 & E26                          |
| Operating Temperature | -20°C to +40°C                     |
| E26 Dimensions        | 3.7 in, 94mm                       |
| E12 Dimensions        | 3.9 in, 100mm                      |
| Voltage               | 120VAC                             |
| E26 Weight            | .1 lbs, 45.35g<br>.25 lbs, 113.98g |
| Power Factor          | ≥.7                                |
| Warranty              | 5 year limited                     |

**P15 SPECIFICATIONS<sup>3</sup>**

|                       |                              |
|-----------------------|------------------------------|
| Equivalent Source     | 40W Incandescent             |
| Rated Life            | 25,000 hours                 |
| Housing               | Thermally Conductive Plastic |
| Socket                | E26                          |
| Operating Temperature | -20°C to +40°C               |
| Dimensions (MOL x W)  | 3.49 in, 88.64mm             |
| Voltage               | 120VAC                       |
| Weight                | .1 lbs, 045g                 |
| Power Factor          | ≥.7                          |
| Warranty              | 5 year limited               |

Specifications supplied are nominal. Please refer to the DOE's Lighting Facts Tolerance Guidelines.  
 1 Savings based on 8hrs/day annual hours of operation, \$0.114 average cost per KWH, \$40/hr. cost of labor and 15 minutes maintenance time to change lamp.  
 2 Dimmer compatibility list indicates those dimmers that have been tested and operate properly under normal conditions. In certain cases, approved dimmers are offered in higher wattage varieties that are also compliant and allow the installation of additional lamps if kept within the maximum inrush current equivalent provided in the table. Each application is unique and various factors such as load, common neutrals or other electrical products on the circuit can, in certain instances, cause variance in system performance. Consult dim5ing system manufacturer for additional support in operation.  
 3 Values are nominal, advances from further innovation, specifications are subject to change.

**DIMMER COMPATABILITY<sup>3</sup>**

**25WE B11**

LUTRON

C\*L Wall Mount: Diva/Skylark/Skylark Contour/  
Ariadni/Toggler/Lumea  
Maestro: MACL-153M

**40WE B11**

LUTRON

C\*L Wall Mount: Diva/Skylark/Skylark Contour/  
Ariadni/Toggler/Lumea Maestro: MACL-153M C\*L  
Series, Grafik Eye 3000 Family, PHPM-PA, PHPM-WBX

**40WE P15**

LUTRON

150W LED/CFL CTCL DBCL-153P,  
Maestro MACL-153M-LS

PASS & SEYMOUR LEGRAND DIMMERS:  
Harmony H703 PTUW



Visit [www.lsgc.com/energystar](http://www.lsgc.com/energystar) for list of ENERGY STAR qualified lamps.



**ORDERING INFORMATION \ \ LS B11 25WE W27 120 G1 BX**

| Family              | Product | Watt Equivalent     | Color (CCT)          | Dimmable         | Voltage      | Family | Package |
|---------------------|---------|---------------------|----------------------|------------------|--------------|--------|---------|
| LS Lighting Science | B11 B11 | 25WE 25W Equivalent | W27 Soft White 2700K | NDM Non Dimmable | 120 120 Volt | G1 G1  | BX Box  |
|                     |         | 40WE 40W Equivalent |                      |                  |              |        |         |

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**ORDERING INFORMATION \ \ LS P15 40WE W27 120 G1 BX**

| Family              | Product     | Watt Equivalent     | Color (CCT)          | Voltage      | Family | Package |
|---------------------|-------------|---------------------|----------------------|--------------|--------|---------|
| LS Lighting Science | P15 P15 Fan | 40WE 40W Equivalent | W27 Soft White 2700K | 120 120 Volt | G1 G1  | BX Box  |

**NORTH AMERICAN CERTIFICATIONS**



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and our planet **look, feel**  
and **heal** better.

