

Features

- Designed as a direct retrofit to most PAR30 lighting fixtures
- Low power consumption. 15W LED lamp, for replacement of 80W halogen lamp
- Long life. 50,000 hours rated life to 70% of initial light output
- Unique thermal system. It's effective to keep LED junction temperature below 90° C, with only 54° C of housing temperature
- Wide selections of CCT and beam angle
- Excellent color rendering. CRI - 80 with warm white and neutral white
- RoHS compliant
- UV and IR free



Description

Our flagship PAR30 LED SSL replacement Lamp is a true representation of what the future of LED lighting holds. Its unique thermal design with two international patents allows for the best heat dissipation possible in a direct retrofit PAR30 foot print. Using only 15W or less of power it is able to illuminate up to a distance of over 10 meters.

Product Offering

| Item | Type | Wattage | Input Voltage | CCT |
|--------------------|------------|---------|---------------|-------|
| PAR30C-01-15W3-40B | Short Neck | 15W | 80-260VAC | 2800K |
| E920C-01-15C2-40B | Long Neck | 15W | 80-260VAC | 5500K |

- Beam Angle selection 15° / 25° / 40° / 60° / 80° full beam angle
- CCT range selection: 2500-4000K; 5000-6500K
- Housing finish: black or silver
- Available in Short Neck and Long Neck
- Base selection: E26; E27; GU24

Application Information

Applications

- Tracking lighting
- Spot lighting
- Display and cabinet lighting
- Architectural lighting
- Art gallery and museum
- Industrial and commercial area lighting

Notes

- Operating temperature range between -20° C and +40° C (-4° F and +104° F)
- For used in dry indoor only
- Not for use with dimmers or in luminaires controlled by a dimmer
- Not for use where exposed to weather
- Not for use in totally enclosed recessed fixtures
- Not intended for use with emergency exit fixtures or emergency lights
- Don't look into the light directly

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Performance Summary

| Item | Nominal | | | Lumen | Beam | Housing | |
|--------------------|---------|---------------|------------|--------|-------|---------|-------------|
| | Wattage | Input Voltage | CCT | Output | Angle | CRI | Temperature |
| PAR30C-01-15W3-40B | 15W | 80-260VAC | 2800-3000K | 580lm | 40° | 82 | 54°C |
| E920C-01-15C2-40B | 15W | 80-260VAC | 5500-6500K | 760lm | 40° | 75 | 54°C |

Note: All specifications @ 25°C ambient condition

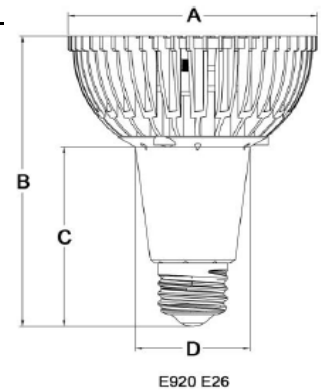
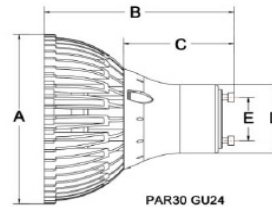
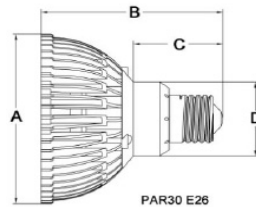
Photometrics

| Throw Distance | 2800-3000K / 25° | | 2800-3000K / 40° | | 2800-3000K / 80° | |
|----------------|------------------|-------------|------------------|-------------|------------------|-------------|
| | Beam width | Illuminance | Beam width | Illuminance | Beam width | Illuminance |
| 1m | 0.6m | 4650 lux | 0.6m | 2770 lux | 2.0m | 820 lux |
| 2m | 1.1m | 1200 lux | 1.4m | 720 lux | 2.8m | 220 lux |
| 3m | 1.2m | 535 lux | 1.8m | 320 lux | 4.0m | 100 lux |

| Throw Distance | 5500-6500K / 25° | | 5500-6500K / 40° | | 5500-6500K / 80° | |
|----------------|------------------|-------------|------------------|-------------|------------------|-------------|
| | Beamwidth | Illuminance | Beam width | Illuminance | Beam width | Illuminance |
| 1m | 0.6m | 7030 lux | 0.6m | 4070 lux | 2.0m | 1170 lux |
| 2m | 1.1m | 1080 lux | 1.4m | 1070 lux | 2.8m | 315 lux |
| 3m | 1.2m | 825 lux | 1.8m | 470 lux | 4.0m | 165 lux |

Dimension

| Lamp Type | A (mm) | B (mm) | C (mm) | D (mm) | E (mm) | Weight (g) |
|------------|--------|--------|--------|--------|--------|------------|
| PAR30 E26 | 94 | 90 | 45.7 | 41 | | 280 |
| PAR30 GU24 | 94 | 99 | 56.4 | 38 | 24 | |
| E920 E26 | 94 | 116.7 | 72 | 43 | | 300 |



Packaging Information

| Lamp Type | Dimension (cm) | Gross Weight (kg) | Net Weight (kg) | Qty/Carton |
|------------|----------------|-------------------|-----------------|------------|
| PAR30 E26 | 45 x 34 x 26 | 8 | 7 | 24 |
| PAR30 GU24 | | | | |
| E920 E26 | | | | |

Ordering Guide

| PAR30 | C | O1 | O9 | W3 | 40 | B |
|-------------------------|---------|----------|---------|---------------------------------|------------|----------------|
| Lamp Type | Voltage | Bass | Wattage | CCT | Beam Angle | Housing finish |
| PAR30: PAR30 Short Neck | C: 120V | O1: E26 | 15W | W1: 2500-2700K; W2: 2700-2800K; | 15: 15° | B: black |
| Multiple lenses | B: 240V | O2: E27 | | W3: 2800-3000K; W4: 3000-3200K; | 25: 25° | S: silver |
| E920: PAR30 Long Neck | | O3: GU24 | | W5: 3200-3500K; W6: 3500-3700K; | 40: 40° | |
| Multiple lenses | | | | W7: 3700-4000K; | 60: 60° | |
| | | | | C1: 5000-5500K; C2: 5500-6500K | 80: 80° | |

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