

LED PAR20

7 Watt 5000K 520 Lumens PAR20 LED



| Electrical | |
|-----------------------|---------------------|
| Watt | 7 |
| Input Current | 85 (mA) |
| Power Factor | .8 |
| Voltage | 120 volt |
| Frequency | 60hz |
| Min. Start Temp | -4F |
| Max. Operating Temp | 104F |
| Base Type | E26 Medium |
| Light | |
| Initial Lumens | 520 |
| Lumens per Watt | 74 |
| Color Temperature | 5000K |
| Color Rendering (CRI) | 85 |
| Beam Angle | 40° |
| Agency Approvals | |
| Energy Star | 15,000 hr rated |
| UL | Yes |
| RoHS | Yes |
| FCC | Yes |
| Product Details | |
| Warranty | 10 years, 6 hrs/day |
| Mercury Content | 0 |
| Diameter | 2.5" |
| Overall Length | 3.35" |

PRODUCT DESCRIPTION

7 watt PAR20 EarthBulb LED floodlight replaces 50 watt incandescent floodlights for over 80% energy savings. Great for use in dimming recessed lighting, track lighting and display lighting applications. High power LED and an advanced cooling system provides for 15,000 hours of LED life. Medium screw base. PAR20 can be used indoor or outdoor. Energy Star.

PRODUCT FEATURES

- This Energy Star dimming PAR20 flood light provides 520 lumens, capable of dimming to less than 8%
- 40° beam angle provides a flood, not spot light
- Lensed single chip design is similar in appearance to a halogen bulb
- Chipset provides 5000K day light with a high color rendering rating of 85
- Suitable for exterior use when out of the direct elements

CONE OF LIGHT

Lumens: 520

| Distance ft | Foot Candles fc | Diameter ft |
|-------------|-----------------|-------------|
| 2 | 245.1 | 1.09 |
| 4 | 61.26 | 2.18 |
| 6 | 27.23 | 3.28 |
| 8 | 15.32 | 4.37 |
| 10 | 9.80 | 5.47 |

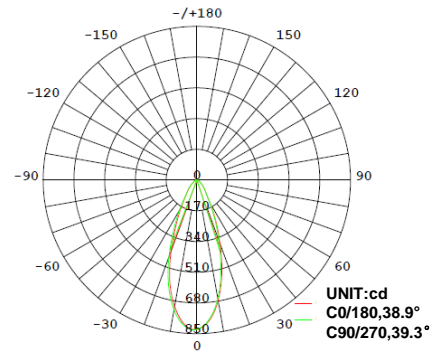
LUMINOUS DISTRIBUTION INTENSITY DATA

| Y(deg) | C(deg) | | | | |
|--------|--------|------|------|------|------|
| | 0 | 23 | 45 | 68 | 90 |
| 0 | 826 | 827 | 827 | 827 | 827 |
| 5 | 802 | 810 | 814 | 814 | 809 |
| 10 | 711 | 726 | 737 | 738 | 729 |
| 15 | 581 | 604 | 616 | 614 | 607 |
| 20 | 421 | 448 | 463 | 463 | 453 |
| 25 | 273 | 295 | 311 | 315 | 305 |
| 30 | 173 | 189 | 199 | 201 | 193 |
| 35 | 111 | 116 | 119 | 119 | 116 |
| 40 | 79.8 | 82.7 | 83.1 | 82 | 80.6 |
| 45 | 60.2 | 62.3 | 63.1 | 62.6 | 60.7 |
| 50 | 43 | 44.4 | 45.1 | 45.5 | 43.3 |
| 55 | 28.5 | 29.6 | 29.8 | 30.8 | 29.3 |
| 60 | 20.1 | 20.3 | 20.2 | 20.4 | 19.7 |
| 65 | 14.9 | 15.1 | 14.9 | 14.9 | 14.3 |
| 70 | 10.9 | 11.1 | 10.9 | 10.8 | 10.4 |
| 75 | 7.87 | 7.98 | 7.87 | 7.77 | 7.47 |
| 80 | 5.11 | 5.28 | 5.24 | 5.19 | 4.91 |
| 85 | 2.52 | 2.74 | 2.76 | 2.72 | 2.48 |
| 90 | 0.51 | 0.69 | 0.74 | 0.7 | 0.54 |

PRODUCT APPLICATIONS

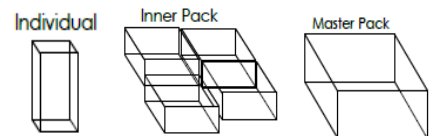


LUMINOUS DISTRIBUTION INTENSITY DIAGRAM



AVERAGE BEAM ANGLE (50%):39.1°

Note: IES files available upon request.



MODEL NUMBER: LP2850D7

| Order Code | Pack Size | Individual UPC | Inner Pack UPC | Qty | Master Park UPC | Qty |
|---|-----------|--------------------|---------------------|-----|--------------------|-----|
| 10819 | 1 | 840791108192 | 00840791108192 | 12 | 840791108192000 | 24 |
| Dimensions (inches - Length x Width x Height) | | | | | | |
| 10819 | 1 | 2.50 x 2.50 x 3.42 | 10.55 x 7.96 x 3.93 | 12 | 10.9 x 8.30 x 8.50 | 24 |
| Weight (lbs) | | | | | | |
| 10819 | 1 | 0.462 | 1.83 | 12 | 7.78 | 24 |

