



MASTER VALUE LED spot PAR

MAS LEDspot VLE D 6-50W 930 PAR20 40D

MASTER Value, LEDspot, PAR20, 50 W, E27, 3000 K, 515 lm, CRI 90, 25000 hour(s), Glass

MASTER Value, LEDspot, PAR20, 50 W, E27, 3000 K, 515 lm, CRI 90, 25000 hour(s), Glass, 85 lm/W, EEL F, PF 0.7, Beam angle 40 degree(s), RG1, IP20, SVM 0.4, PstLM 1

Product data

| General Information | |
|----------------------------|----------------|
| Cap-Base | E27 |
| Nominal lifetime | 25,000 hour(s) |
| Switching Cycle | 50,000 |
| Lighting Technology | LEDspot |
| Flux measurement reference | Narrow Cone |
| Warranty period | 5 years |

| Light Technical | |
|---------------------------------------|--------------------|
| Color Code | 930 [CCT of 3000K] |
| Beam Angle (Nom) | 40 degree(s) |
| Luminous Flux | 515 lm |
| Luminous Intensity (Nom) | 1,000 cd |
| Color Designation | White (WH) |
| Correlated Color Temperature (Nom) | 3000 K |
| Luminous Efficacy (rated) (Nom) | 85 lm/W |
| Color Consistency | <6 |
| Color rendering index (CRI) | 90 |
| LLMF At End Of Nominal Lifetime (Nom) | 70 % |

| | |
|----------------------------------------------|--------|
| Luminous Flux in 90° Cone (Rated) | 515 lm |
| Photobiological safety according to EN 62471 | RG1 |

| Operating and Electrical | |
|---------------------------|-------------|
| Line Frequency | 50 to 60 Hz |
| Input Frequency | 50 to 60 Hz |
| Power Consumption | 6 W |
| Lamp Current (Nom) | 40 mA |
| Wattage Equivalent | 50 W |
| Starting Time (Nom) | 0.5 s |
| Warm-up time to 60% light | 0.5 s |
| Power Factor (Fraction) | 0.7 |
| Voltage (Nom) | 220-240 V |

| Temperature | |
|----------------------|-------|
| T-Case Maximum (Nom) | 80 °C |

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Controls and Dimming

| | |
|----------|----------------------------|
| Dimmable | Only with specific dimmers |
|----------|----------------------------|

Mechanical and Housing

| | |
|--------------------|----------|
| Bulb Finish | Clear |
| Bulb Material | Glass |
| Bulb Shape | PAR20 |
| Net Weight (Piece) | 0.080 kg |

Approval and Application

| | |
|-----------------------------------------------------------------|---------|
| Energy Efficiency Class | F |
| Suitable For Accent Lighting | Yes |
| Energy Consumption kWh/1000 h | 6 kWh |
| EPREL Registration Number | 1121743 |
| CE mark | Yes |
| EU RoHS compliant | Yes |
| EyeComfort | Yes |
| Flickering value (PstLM) - Flickering value as per EN 61000-3-3 | 1 |
| Stroboscopic effect visibility measure (SVM) | 0.4 |

| | |
|---------------------------|---------------|
| Ambient temperature range | -20 to +45 °C |
|---------------------------|---------------|

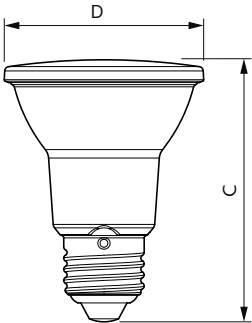
Application Conditions

| | |
|-------------------------------------|----------------|
| can it be used in closed luminaires | No |
| Wireless Technology | Not applicable |

Product Data

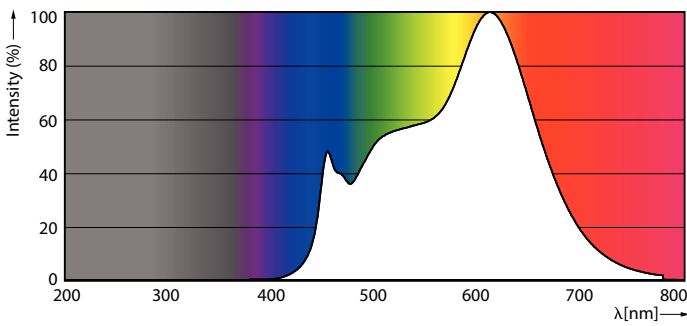
| | |
|---------------------------------|---------------------------------------|
| Order product name | MAS LEDspot VLE D 6-50W 930 PAR20 40D |
| Full product name | MAS LEDspot VLE D 6-50W 930 PAR20 40D |
| Full product code | 871951444312900 |
| Order code | 929003486102 |
| Material Nr. (12NC) | 929003486102 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8719514443129 |
| Numerator - Packs per outer box | 6 |
| EAN/UPC - Case | 8719514443136 |

Dimensional drawing

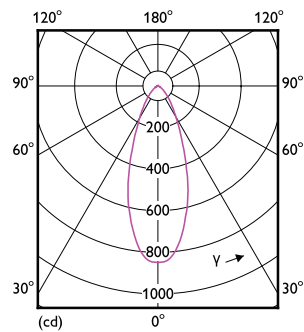


| Product | D | C |
|---------------------------------------|-------|-------|
| MAS LEDspot VLE D 6-50W 930 PAR20 40D | 65 mm | 85 mm |

Photometric data



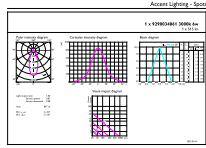
Spectral Power Distribution Colour - MAS LEDspot VLE D 6-50W 930 PAR20 40D



Light Distribution Diagram - MAS LEDspot VLE D 6-50W 930 PAR20 40D

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Photometric data



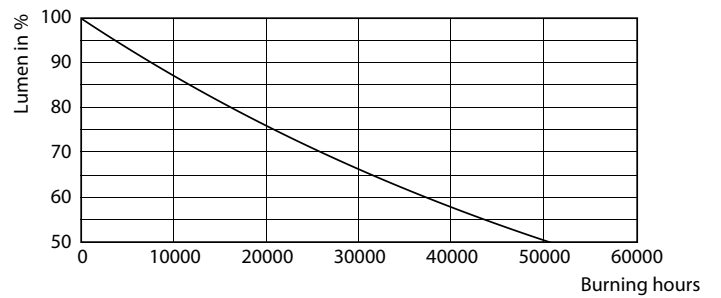
Master Value Parameters 4.1 | Philips Lighting B.V. | Page 11

Accent Lighting Spots - MAS LEDspot VLE D 6-50W 930 PAR20 40D

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - MAS LEDspot VLE D 6-50W 930 PAR20 40D

