



Characteristic

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|------------------------|---|
| Ingress protection | IP 66 |
| Electrical class | II |
| Nominal input voltage | 120 - 277 V AC |
| Frequency | 50/60 Hz |
| Operating temperatures | -40°C to +40°C |
| Material | cast aluminium, paint coated |
| Colour | housing RAL 9006 structure, cover – SILVER RENOIR |
| Setup | pole top mounted $\varnothing 60 \times 120$, or on the extension arm; recommended mount height : od 4 do 6 m |
| Tilt angle | -5° to $+20^{\circ}$ every $2,5^{\circ}$; 0° to 90° with extra screw holes |
| Optical system | ROSA PMMA lens, quenched glass |
| LEDs type | CREE XM-L2 |
| LEDs lifetime L90 | >50 000h |
| Warranty | 5 years |





Technical parameters

| Type | MAGNOLIA LED 48 | |
|--|------------------|----------|
| Code | 220733/6 | 220733/3 |
| Correlated colour temperature [K] | 5 000 | 3 500 |
| Color rendering index CRI | 75 ²⁾ | >80 |
| LEDs quantity | 16 | |
| Supply current [mA] | 1 000 | |
| LEDs power [W] | 48 | |
| LEDs luminous flux ¹⁾ [lm] | 6 750 | 5 300 |
| Power consumption [W] | 55 | |
| Luminaire luminous flux ¹⁾ [lm] | 4 700 | 3 700 |
| Luminaire efficacy [lm/W] | 85 | 70 |
| Weight [kg] | 11 | |
| Volume [m ³] | 0,050 | |
| Windage [m ²] | 0,1 | |

- 1) including LEDs tolerance parameter accuracy +/- 3%
 2) parameter accuracy +/-2

- Low voltage directive LVD 2006/95/WE, norm PN-EN 60598-1, PN-EN 60598-2-3
- Directive EMC 2004/108/WE, norms: PN-EN 55015, PN-EN 61547, PN-EN 61000-3-2, PN-EN 61000-3-3
- Shown parameters based on measurements according to IESNA LM 79-08

Distribution of MAGNOLIA LED

