

LIGHT SOURCE

| | |
|----------------------------|--|
| LED quantity | 3 |
| Power max | 3 W |
| Total lumen output (3000K) | 3W: 15° - 192 lm 30° - 158 lm 60° - 120 lm Elliptical lens - 153 lm Frosted glass - 97 lm |
| Efficacy lm/W (3000K) | 3W: 15° - 64 lm/W 30° - 53 lm/W 60° - 40 lm/W Elliptical lens - 51 lm/W Frosted glass - 32 lm/W |
| CRI | >80 – >90 |
| LED Temperature | 2200K - 2700K – 3000K – 3000K CRI>90 – 4000K |
| Average operational life | 50.000 hours |

OPTIC

| | |
|------------------|---|
| Material | PMMA |
| Available optics | 15° - 30° - 60° - elliptical lens – frosted glass |
| Beam direction | Adjustable +/-90°, rotating +/- 355° |
| Flux symmetry | Symmetrical, asymmetrical |

FIXTURE

| | |
|---------------------------|---|
| Material | Aluminum, Brass |
| Available finishes | Hard coat anodized: 3 - Gray 4 - Black As per material: E - Massive Brass |
| IP Rate | IP67 |
| Working Temperature | -20° ÷ +40° |
| Integrated fixing Systems | Applique, stake, tree strap mounting |

ELECTRICAL FEATURES

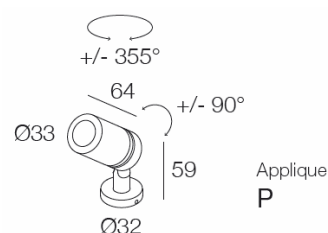
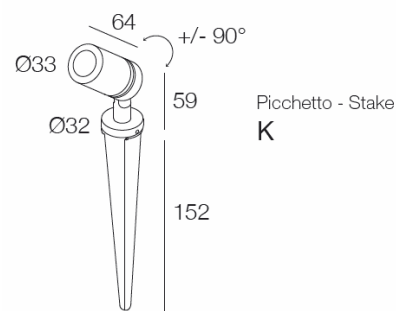
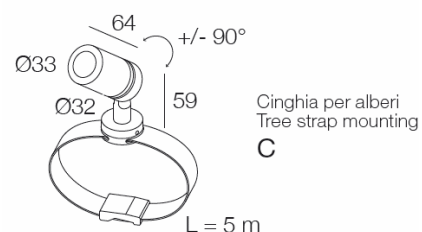
| | |
|------------|--------------------|
| Driver | Remote |
| Dimmable | Push, 1-10V, DALI |
| Connection | In series at 350mA |
| Class | III |

MECHANICAL FEATURES

| | |
|-------------------|-------------------------------|
| Dimensions (body) | Ø33 x 64 mm |
| Weight | 160 gr |
| Installation | Wall, ceiling, floor mounting |
| Cut-out | - |
| Use | Outdoor |

ACCESSORIES

| | |
|---------------|----------------------------------|
| Visors | Low glare visor, low glare snoot |
| Filters | - |
| Box/ Frame | - |
| Fixing system | - |

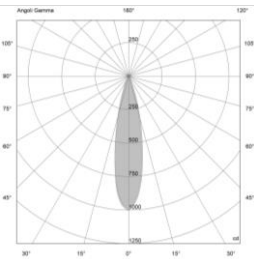
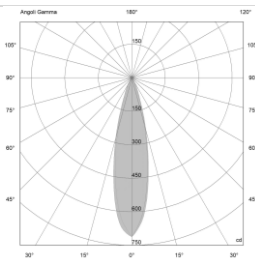
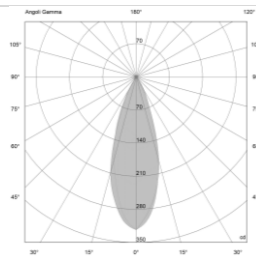
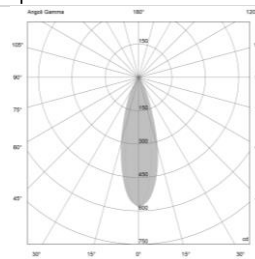
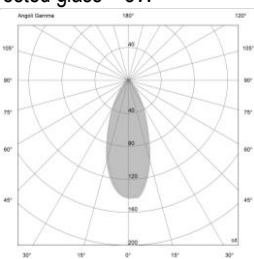
Applique
PPicchetto - Stake
KCinghia per alberi
Tree strap mounting
C

A00846._0 Low glare visor



A00847._0 Low glare snoot

PHOTOMETRIC DATA

| 15° Lens – 3W | 30° Lens – 3W | 60° Lens – 3W | Elliptical lens – 3W | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|--|---|----------------------|---------------------|--|--|--|-------------|------|------|-----|-------------|------|-----|-----|-------------|------|-----|----|-------------|------|----|----|-------------|------|----|----|---|------|------|-----------------------|----------------------|------------|--|--|--|-------------|------|-----|-----|-------------|------|-----|-----|-------------|------|----|----|-------------|------|----|----|-------------|------|----|----|--|------|------|-----------------------|----------------------|------------|--|--|--|-------------|------|-----|-----|-------------|------|----|----|-------------|------|----|----|-------------|------|----|----|-------------|------|----|---|--|------|------|-----------------------|----------------------|--------------|--|--|--|-------------|------|-----|-----|-------------|------|-----|----|-------------|------|----|----|-------------|------|----|----|-------------|------|----|----|
|  |  |  |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table> <tr> <th>H(m)</th><th>D(m)</th><th>E_{max}(lx)</th><th>E_{av}(lx)</th></tr> <tr> <td>15°</td><td></td><td></td><td></td></tr> <tr> <td><u>1.00</u></td><td>0.41</td><td>1003</td><td>623</td></tr> <tr> <td><u>2.00</u></td><td>0.83</td><td>251</td><td>156</td></tr> <tr> <td><u>3.00</u></td><td>1.24</td><td>111</td><td>69</td></tr> <tr> <td><u>4.00</u></td><td>1.65</td><td>63</td><td>39</td></tr> <tr> <td><u>5.00</u></td><td>2.07</td><td>40</td><td>25</td></tr> </table> | H(m) | D(m) | E _{max} (lx) | E _{av} (lx) | 15° | | | | <u>1.00</u> | 0.41 | 1003 | 623 | <u>2.00</u> | 0.83 | 251 | 156 | <u>3.00</u> | 1.24 | 111 | 69 | <u>4.00</u> | 1.65 | 63 | 39 | <u>5.00</u> | 2.07 | 40 | 25 | <table> <tr> <th>H(m)</th><th>D(m)</th><th>E_{max}(lx)</th><th>E_{av}(lx)</th></tr> <tr> <td>30°</td><td></td><td></td><td></td></tr> <tr> <td><u>1.00</u></td><td>0.42</td><td>712</td><td>441</td></tr> <tr> <td><u>2.00</u></td><td>0.84</td><td>178</td><td>110</td></tr> <tr> <td><u>3.00</u></td><td>1.26</td><td>79</td><td>49</td></tr> <tr> <td><u>4.00</u></td><td>1.68</td><td>45</td><td>28</td></tr> <tr> <td><u>5.00</u></td><td>2.10</td><td>28</td><td>18</td></tr> </table> | H(m) | D(m) | E _{max} (lx) | E _{av} (lx) | 30° | | | | <u>1.00</u> | 0.42 | 712 | 441 | <u>2.00</u> | 0.84 | 178 | 110 | <u>3.00</u> | 1.26 | 79 | 49 | <u>4.00</u> | 1.68 | 45 | 28 | <u>5.00</u> | 2.10 | 28 | 18 | <table> <tr> <th>H(m)</th><th>D(m)</th><th>E_{max}(lx)</th><th>E_{av}(lx)</th></tr> <tr> <td>60°</td><td></td><td></td><td></td></tr> <tr> <td><u>1.00</u></td><td>0.59</td><td>323</td><td>194</td></tr> <tr> <td><u>2.00</u></td><td>1.18</td><td>81</td><td>48</td></tr> <tr> <td><u>3.00</u></td><td>1.77</td><td>36</td><td>22</td></tr> <tr> <td><u>4.00</u></td><td>2.35</td><td>20</td><td>12</td></tr> <tr> <td><u>5.00</u></td><td>2.94</td><td>13</td><td>8</td></tr> </table> | H(m) | D(m) | E _{max} (lx) | E _{av} (lx) | 60° | | | | <u>1.00</u> | 0.59 | 323 | 194 | <u>2.00</u> | 1.18 | 81 | 48 | <u>3.00</u> | 1.77 | 36 | 22 | <u>4.00</u> | 2.35 | 20 | 12 | <u>5.00</u> | 2.94 | 13 | 8 | <table> <tr> <th>H(m)</th><th>D(m)</th><th>E_{max}(lx)</th><th>E_{av}(lx)</th></tr> <tr> <td>20x30</td><td></td><td></td><td></td></tr> <tr> <td><u>1.00</u></td><td>0.40</td><td>582</td><td>358</td></tr> <tr> <td><u>2.00</u></td><td>0.79</td><td>146</td><td>90</td></tr> <tr> <td><u>3.00</u></td><td>1.19</td><td>65</td><td>40</td></tr> <tr> <td><u>4.00</u></td><td>1.58</td><td>36</td><td>22</td></tr> <tr> <td><u>5.00</u></td><td>1.98</td><td>23</td><td>14</td></tr> </table> | H(m) | D(m) | E _{max} (lx) | E _{av} (lx) | 20x30 | | | | <u>1.00</u> | 0.40 | 582 | 358 | <u>2.00</u> | 0.79 | 146 | 90 | <u>3.00</u> | 1.19 | 65 | 40 | <u>4.00</u> | 1.58 | 36 | 22 | <u>5.00</u> | 1.98 | 23 | 14 |
| H(m) | D(m) | E _{max} (lx) | E _{av} (lx) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15° | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>1.00</u> | 0.41 | 1003 | 623 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>2.00</u> | 0.83 | 251 | 156 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>3.00</u> | 1.24 | 111 | 69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>4.00</u> | 1.65 | 63 | 39 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>5.00</u> | 2.07 | 40 | 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| H(m) | D(m) | E _{max} (lx) | E _{av} (lx) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30° | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>1.00</u> | 0.42 | 712 | 441 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>2.00</u> | 0.84 | 178 | 110 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>3.00</u> | 1.26 | 79 | 49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>4.00</u> | 1.68 | 45 | 28 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>5.00</u> | 2.10 | 28 | 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| H(m) | D(m) | E _{max} (lx) | E _{av} (lx) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 60° | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>1.00</u> | 0.59 | 323 | 194 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>2.00</u> | 1.18 | 81 | 48 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>3.00</u> | 1.77 | 36 | 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>4.00</u> | 2.35 | 20 | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>5.00</u> | 2.94 | 13 | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| H(m) | D(m) | E _{max} (lx) | E _{av} (lx) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20x30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>1.00</u> | 0.40 | 582 | 358 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>2.00</u> | 0.79 | 146 | 90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>3.00</u> | 1.19 | 65 | 40 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>4.00</u> | 1.58 | 36 | 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>5.00</u> | 1.98 | 23 | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Frosted glass – 3W | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table> <tr> <th>H(m)</th><th>D(m)</th><th>E_{max}(lx)</th><th>E_{av}(lx)</th></tr> <tr> <td>Frost. glass</td><td></td><td></td><td></td></tr> <tr> <td><u>1.00</u></td><td>0.73</td><td>143</td><td>83</td></tr> <tr> <td><u>2.00</u></td><td>1.46</td><td>36</td><td>21</td></tr> <tr> <td><u>3.00</u></td><td>2.20</td><td>16</td><td>9</td></tr> <tr> <td><u>4.00</u></td><td>2.93</td><td>9</td><td>5</td></tr> <tr> <td><u>5.00</u></td><td>3.66</td><td>6</td><td>3</td></tr> </table> | H(m) | D(m) | E _{max} (lx) | E _{av} (lx) | Frost. glass | | | | <u>1.00</u> | 0.73 | 143 | 83 | <u>2.00</u> | 1.46 | 36 | 21 | <u>3.00</u> | 2.20 | 16 | 9 | <u>4.00</u> | 2.93 | 9 | 5 | <u>5.00</u> | 3.66 | 6 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| H(m) | D(m) | E _{max} (lx) | E _{av} (lx) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Frost. glass | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>1.00</u> | 0.73 | 143 | 83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>2.00</u> | 1.46 | 36 | 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>3.00</u> | 2.20 | 16 | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>4.00</u> | 2.93 | 9 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>5.00</u> | 3.66 | 6 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

NOTES

Provided with 200 cm neoprene