# LED Garden pole / bollard (square section)

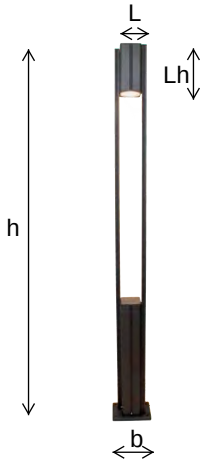
## For Landscape Lighting

*A decorative asset for landscape lighting. A complete solution of poles/bollards in one style. Indirect lighting offers comfort while maintaining a modern sleek look compatible with a wide range of architecture standards.*

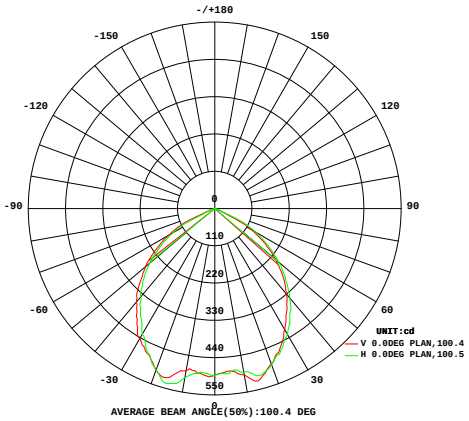


12/20W 150Lm/W 3000-6000°K IP65

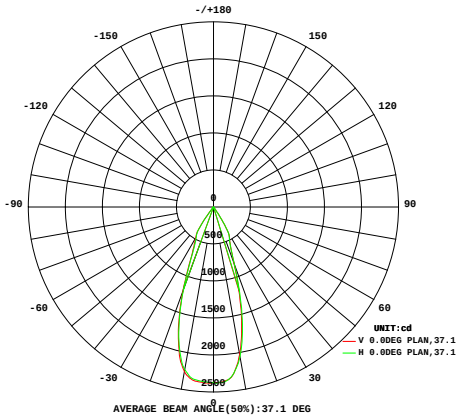
| | |
|---|---|
| **Physical** | |
| Mass | 1.935/2.45kg (head Bollard/Pole) |
| Dimensions | L135*135mm, b 250*250mm, Lh200/300mm, h1000-2500mm(Bollard/Pole) |
| Body | Electrostatically coated aluminum sections |
| Reflector | Segmented Specular |
| Diffuser | Textured/Clear glass |
| Protection | IP65, IK08 |
| Mounting | M6, M8 Anchor Bolts |
| **Photometric** | |
| Light Source | SMD LEDs |
| Efficacy | 150 Lm/W |
| LOR | 0.645 |
| Spread angle | As Per Variant |
| **Spectrometric** | |
| CCT | 3000-6000°K |
| CRI | 84.3 |
| **Electrical** | |
| Power supply | 220VAC, 50Hz |
| Power | 12/20W |
| Current | 0.054/0.104A (RMS) |
| Power Factor | 0.965 |
| THDI | 9.9% |



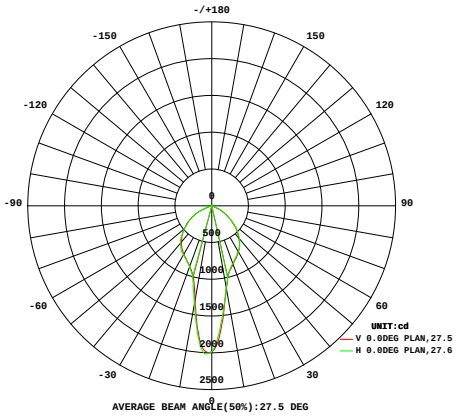
## Polar radiation distribution



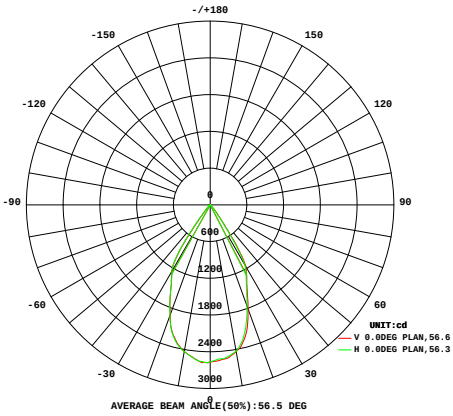

12W Wide angle




12W Narrow angle

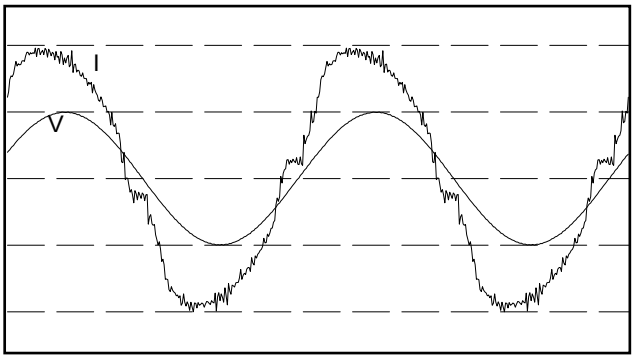



20W Wide angle




20W Narrow angle

## Electrical oscilloscopy




| Art. no. | Type | Power | CCT |
|---|---|---|---|
| BLR1-COB012230-- | LED Garden bollard 1m squared wide angle | 12W | 3000°K |
| BLR1-COB012240-- | LED Garden bollard 1m squared wide angle | 12W | 4000°K |
| BLR1-COB012260-- | LED Garden bollard 1m squared wide angle | 12W | 6000°K |
| BLR2-COB012230-- | LED Garden bollard 1m squared narrow angle | 12W | 3000°K |
| BLR2-COB012240-- | LED Garden bollard 1m squared narrow angle | 12W | 4000°K |
| BLR2-COB012260-- | LED Garden bollard 1m squared narrow angle | 12W | 6000°K |
| PSQR1-COB012230-- | LED Garden pole 2.5m squared wide angle | 12W | 3000°K |
| PSQR1-COB012240-- | LED Garden pole 2.5m squared wide angle | 12W | 4000°K |
| PSQR1-COB012260-- | LED Garden pole 2.5m squared wide angle | 12W | 6000°K |
| PSQR2-COB012230-- | LED Garden pole 2.5m squared narrow angle | 12W | 3000°K |
| PSQR2-COB012240-- | LED Garden pole 2.5m squared narrow angle | 12W | 4000°K |
| PSQR2-COB012260-- | LED Garden pole 2.5m squared narrow angle | 12W | 6000°K |
| PSQR1-COB020230-- | LED Garden pole 3m squared wide angle | 20W | 3000°K |
| PSQR1-COB020240-- | LED Garden pole 3m squared wide angle | 20W | 4000°K |
| PSQR1-COB020260-- | LED Garden pole 3m squared wide angle | 20W | 6000°K |
| PSQR2-COB020230-- | LED Garden pole 3m squared narrow angle | 20W | 3000°K |
| PSQR2-COB020240-- | LED Garden pole 3m squared narrow angle | 20W | 4000°K |
| PSQR2-COB020260-- | LED Garden pole 3m squared narrow angle | 20W | 6000°K |

Sources for software simulation for installation (*.IES, *.LDT files) and advanced test results are available on request
Performance described above requires proper installation according to internationally recognized codes and within mentioned operational limitations.
Any properties not directly affecting photometric, spectrometric or electrical performance are liable to change without prior notice.

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