# CPD1618 | YMG

## Solar Lawn & Pathway Light

The compact, ribbed head of CPD1618 sits on a narrow post with a ground stake. The cover drawing shows a 180 mm head and a 614 mm complete assembly including the stake. Its Solar system uses a 3 W panel and 4 Ah battery.

## Electrical & light output

| Specification | Solar |
|---|---|
| Rated power | 3 W |
| Light source | 2835 LEDs · 40 pcs |
| Input voltage | DC 5-30 V (listed) |
| Luminous flux | 120 lm |
| Colour temperature | 3000K / 4000K / 6000K |

## Solar energy & control

| Specification | Solar |
|---|---|
| Solar panel | 5 V / 3 W |
| Battery | 3.2 V / 4 Ah |
| Charging time | 4-6 hours |
| Lighting schedule | 12 hours with reduced-power periods |
| Solar control | Light sensor, timer and manual switch |

## Housing & environment

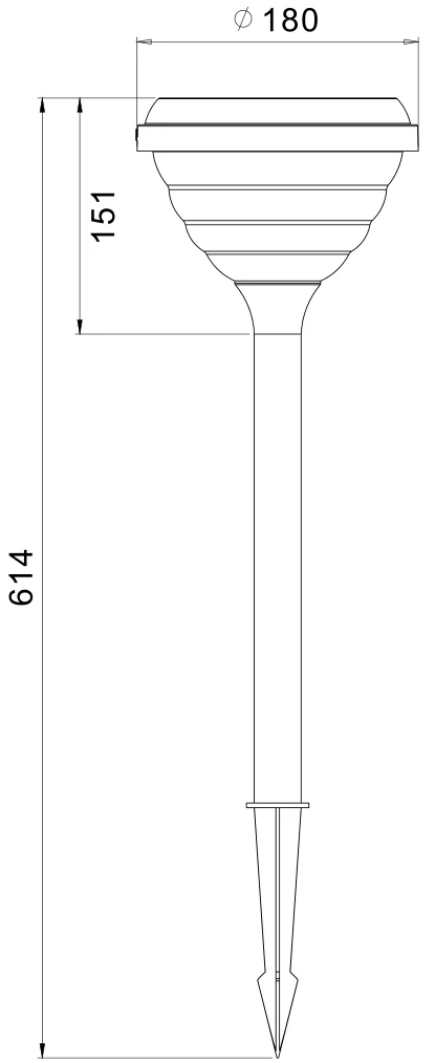
| Specification | Value |
|---|---|
| Model | CPD1618 |
| Housing / shade | Die-cast aluminium + PC shade |
| Finish | Sand black |
| Protection rating | IP65 |
| Ambient temperature | -20°C to +50°C |

## Installation

Check soil, drainage and the stake position before placing the light. Keep the panel above planting that could shade it and confirm the exposed height required for the site.

The 12-hour Solar schedule includes reduced-power periods. Charging time and operating duration depend on available sunlight, initial battery charge and the selected operating settings.

# CPD1618 | Mounting drawing




Confirm the selected assembly and fixing dimensions before fabrication.

## Packing reference

| Assembly / box | Units | Box size | Net weight | Gross weight |
|---|---|---|---|---|
| Solar · inner box | 1 | 20 × 18.5 × 18 cm | 0.89 kg | 1.01 kg |
| Solar · 4-piece outer carton | 4 | 39 × 22 × 38 cm | 0.89 kg | 4.06 kg |

| Assembly / box | Units | Box size | Net weight | Gross weight |
|---|---|---|---|---|
| Solar · 10-piece outer carton | 10 | 94.5 × 22 × 38 cm | 0.89 kg | 11.07 kg |