# ABERDEEN 1 (ABA-20001-SO-20) (Version 1)

IP65 IK08

## Product description

Made to order for 20 W Vertical solar PV pole

microPrism™ MOTION SENSOR

## Luminaire Structure

- High-efficiency PMMA lens
- Clear acrylic PMMA diffuser
- Integral control gear

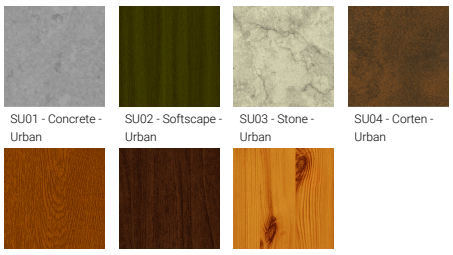
## Optic

T2 T3 T4 T5

## Product colour

01 - Black (RAL 9011)
02 - Dark Grey (RAL 7043)
03 - White (RAL 9003)
05 - Matt Silver (RAL 9006)
06 - Bronze (RAL 6014)

## Special finishes upon request



SU01 - Concrete - Urban
SU02 - Softscape - Urban
SU03 - Stone - Urban
SU04 - Corten - Urban
SW01 - Oak - Woodland
SW02 - Walnut - Woodland
SW03 - Pine - Woodland

We reserve the right to make technical and design changes.

06:33, 16-03-2026

https://www.ligman.com/aberdeen-1-aba-20001-so-20/

**THAILAND**
LIGMAN Lighting Co.,Ltd.
17/2 Moo 4, Monthong, Bang Nam Priao,
24150 Chachoengsao - Thailand
**info@ligman.com**

GLP Good Labour Practices

# ABERDEEN 1 (ABA-20001-SO-20) (Version 1)

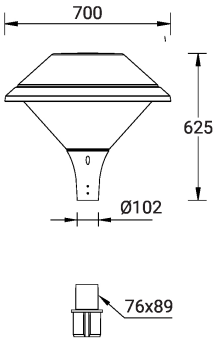
## Technical information

| | |
|---|---|
| **Material** | Aluminium |
| **Light source** | 24 LED |
| **Power** | 20 W |
| **Lumen** | 2554 - 2691 lm |
| **Efficacy** | 128 - 135 lm/W |
| **Driver option** | Integral control gear |
| **Driver** | Constant current (CC) |
| **Input voltage** | Solar 36 VDC |

| | |
|---|---|
| **Optic** | T2, T3, T4, T5 |
| **Optic value** | 142°x 58°, 124°x 86°, 106°x 68°, 118°x 141° |
| **CCT / CRI** | 3000K CRI80, 4000K CRI80 |
| **Bug** | B1-U2-G1, B2-U2-G1 |
| **ULR** | 1%, 2% |
| **ULOR** | 1%, 2% |
| **CIE flux code n°3** | 94 |
| **Dimming type** | Dusk to Dawn, 2 Step dimming with motion sensor override, Solar Custom |

| | |
|---|---|
| **Product colours** | Black, Dark Grey, White, Matt Silver, Bronze, Concrete - Urban, Softscape - Urban, Stone - Urban, Corten - Urban, Oak - Woodland, Walnut - Woodland, Pine - Woodland |
| **Weight** | 11.5 kg |
| **Operating temperature** | -20 °C to 40 °C |
| **Lens / Reflector / Optic** | High-efficiency PMMA lens, Clear acrylic PMMA diffuser |
| **MacAdam Ellipse** | 3 SDCM |
| **Lifetime L90B10 (hours)** | > 90,000 |
| **Lifetime L80B10 (hours)** | > 90,000 |
| **Lifetime L80B50 (hours)** | > 90,000 |

ABA-20001




We reserve the right to make technical and design changes.

06:33, 16-03-2026

https://www.ligman.com/aberdeen-1-aba-20001-so-20/

**THAILAND**
LIGMAN Lighting Co.,Ltd.
17/2 Moo 4, Monthong, Bang Nam Priao,
24150 Chachoengsao - Thailand
**info@ligman.com**

GLP Good Labour Practices

# ABERDEEN 1 (ABA-20001-SO-20) (Version 1)

## Accessory

Remote solar charge controller for Solar Integrated Bollards and Vertical Solar PV poles
**A92691**

Vertical solar PV pole 1
**SOL-20001**

Vertical solar PV pole 2
**SOL-20011**

Vertical solar PV pole 6
**SOL-20051**

IoT Module
**A95591**

Auto dimming feature
**auto-dim**



**THAILAND**
LIGMAN Lighting Co.,Ltd.
17/2 Moo 4, Monthong, Bang Nam Priao,
24150 Chachoengsao - Thailand
**info@ligman.com**

GLP Good Labour Practices