# Solez Wall

IP65 | IK14 (100J) | Bulkhead | Class I | Surface

Community and Public

Solez Wall is a vandal resistant bulkhead specifically designed for community and public installations.

Standard Colours

Matt Black | Matt White | Matt Titanium

## Product Information

Solez Wall's frosted or opal diffuser provides a soft lit appearance, while providing uniform illumination, ensuring a consistent light distribution, with minimal upward light. Incorporating a removable gear tray ensures Solez Wall is quick and easy to maintain, whilst enabling sustainable technology upgrades.

Community and Public applications include the perimeter of buildings, open car parks, staircases and footbridges.

**Impact Resistance Rating:** IK14 (100J). What is IK Rating?

**Ingress Protection Rating:** IP65. What is IP Rating?

**Housing:** Die cast aluminium body.

**Paint:** Polyester powder coat. All Colour Options Available Here.

**Diffuser:** Frosted or opal polycarbonate diffuser in casting secured with tamperproof screws.

**Driver:** Electronic control gear on removable tray with fused plug & socket connector block.

**Mounting:** Wall.

**Cable Entry:** Provision for conduit entry in back.

**Design Life:** 30+ years. What is Design Life?

## Technical Information

| SolezWall | Output (Lum/lm) | Load (W) | Efficacy (lm/W) | CCT (K) |
|---|---|---|---|---|
| Opal | | | | |
| SOW-1100N-X-MT | 1154 | 13.4 | 86 | 4000 |
| | Weight (kg) | CRI | High Temp (°C) | LED Lifetime |
| | 3.2 | 80 | - | $L_{70}B_{10}$>120,000h |
| | Driver lifetime (up to hours) | LED Energy Rating | Emergency Output (Lum/lm) | Nightlight Output (Lum/lm) |
| | 100,000 | C | 404 | - |
| | Dimensions | | | |
| | 162mm x 300mm x 182mm | | | |
| SOW-1500N-X-MT | 1516 | 17.6 | 86 | 4000 |
| | Weight (kg) | CRI | High Temp (°C) | LED Lifetime |
| | 3.2 | 80 | - | $L_{70}B_{10}$>120,000h |
| | Driver lifetime (up to hours) | LED Energy Rating | Emergency Output (Lum/lm) | Nightlight Output (Lum/lm) |
| | 100,000 | C | 404 | - |
| | Dimensions | | | |
| | 162mm x 300mm x 182mm | | | |
| SOW-1900N-X-MT | 1939 | 22.9 | 85 | 4000 |
| | Weight (kg) | CRI | High Temp (°C) | LED Lifetime |
| | 3.2 | 80 | - | $L_{70}B_{10}$>120,000h |
| | Driver lifetime (up to hours) | LED Energy Rating | Emergency Output (Lum/lm) | Nightlight Output (Lum/lm) |
| | 100,000 | C | 404 | - |
| | Dimensions | | | |
| | 162mm x 300mm x 182mm | | | |
| SOW-1100W-X-MT | 1096 | 13.4 | 82 | 3000 |
| | Weight (kg) | CRI | High Temp (°C) | LED Lifetime |
| | 3.2 | 80 | - | $L_{70}B_{10}$>120,000h |
| | Driver lifetime (up to hours) | LED Energy Rating | Emergency Output (Lum/lm) | Nightlight Output (Lum/lm) |
| | 100,000 | C | 383 | - |
| | Dimensions | | | |
| | 162mm x 300mm x 182mm | | | |
| SOW-1500W-X-MT | 1440 | 17.6 | 82 | 3000 |
| | Weight (kg) | CRI | High Temp (°C) | LED Lifetime |
| | 3.2 | 80 | - | $L_{70}B_{10}$>120,000h |
| | Driver lifetime (up to hours) | LED Energy Rating | Emergency Output (Lum/lm) | Nightlight Output (Lum/lm) |
| | 100,000 | C | 383 | - |
| | Dimensions | | | |
| | 162mm x 300mm x 182mm | | | |

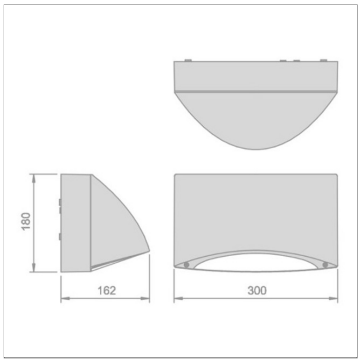
| SolezWall | Output (Lum/lm) | Load (W) | Efficacy (lm/W) | CCT (K) |
|---|---|---|---|---|
| **Opal** | | | | |
| SOW-1900W-X-MT | 1842 | 22.9 | 80 | 3000 |
| | **Weight (kg)** | **CRI** | **High Temp (°C)** | **LED Lifetime** |
| | 3.2 | 80 | - | $L_{70}B_{10}$>120,000h |
| | **Driver lifetime (up to hours)** | **LED Energy Rating** | **Emergency Output (Lum/lm)** | **Nightlight Output (Lum/lm)** |
| | 100,000 | C | 383 | - |
| | **Dimensions** | | | |
| | 162mm x 300mm x 182mm | | | |
| **Frosted** | | | | |
| SOW-2000N-F-MT | 1329 | 17.6 | 76 | 4000 |
| | **Weight (kg)** | **CRI** | **High Temp (°C)** | **LED Lifetime** |
| | 3.2 | 80 | - | $L_{70}B_{10}$>100,000h |
| | **Driver lifetime (up to hours)** | **LED Energy Rating** | **Emergency Output (Lum/lm)** | **Nightlight Output (Lum/lm)** |
| | 100,000 | F | 367 | - |
| | **Dimensions** | | | |
| | 162mm x 300mm x 182mm | | | |
| SOW-2500N-F-MT | 1567 | 21 | 75 | 4000 |
| | **Weight (kg)** | **CRI** | **High Temp (°C)** | **LED Lifetime** |
| | 3.2 | 80 | - | $L_{70}B_{10}$>100,000h |
| | **Driver lifetime (up to hours)** | **LED Energy Rating** | **Emergency Output (Lum/lm)** | **Nightlight Output (Lum/lm)** |
| | 100,000 | F | 367 | - |
| | **Dimensions** | | | |
| | 162mm x 300mm x 182mm | | | |
| SOW-3000N-F-MT | 2003 | 28.4 | 71 | 4000 |
| | **Weight (kg)** | **CRI** | **High Temp (°C)** | **LED Lifetime** |
| | 3.2 | 80 | - | $L_{70}B_{10}$>100,000h |
| | **Driver lifetime (up to hours)** | **LED Energy Rating** | **Emergency Output (Lum/lm)** | **Nightlight Output (Lum/lm)** |
| | 100,000 | F | 367 | - |
| | **Dimensions** | | | |
| | 162mm x 300mm x 182mm | | | |
| SOW-2000W-F-MT | 1263 | 17.6 | 72 | 3000 |
| | **Weight (kg)** | **CRI** | **High Temp (°C)** | **LED Lifetime** |
| | 3.2 | 80 | - | $L_{70}B_{10}$>102,000h |
| | **Driver lifetime (up to hours)** | **LED Energy Rating** | **Emergency Output (Lum/lm)** | **Nightlight Output (Lum/lm)** |
| | 100,000 | F | 348 | - |
| | **Dimensions** | | | |
| | 162mm x 300mm x 182mm | | | |

| SolezWall | Output (Lum/lm) | Load (W) | Efficacy (lm/W) | CCT (K) |
|---|---|---|---|---|
| **Frosted** | | | | |
| SOW-2500W-F-MT | 1489 | 21 | 71 | 3000 |
| | **Weight (kg)** | **CRI** | **High Temp (°C)** | **LED Lifetime** |
| | 3.2 | 80 | - | $L_{70}B_{10}$>102,000h |
| | **Driver lifetime (up to hours)** | **LED Energy Rating** | **Emergency Output (Lum/lm)** | **Nightlight Output (Lum/lm)** |
| | 100,000 | F | 348 | - |
| | **Dimensions** | | | |
| | 162mm x 300mm x 182mm | | | |
| SOW-3000W-F-MT | 1903 | 28.4 | 67 | 3000 |
| | **Weight (kg)** | **CRI** | **High Temp (°C)** | **LED Lifetime** |
| | 3.2 | 80 | - | $L_{70}B_{10}$>102,000h |
| | **Driver lifetime (up to hours)** | **LED Energy Rating** | **Emergency Output (Lum/lm)** | **Nightlight Output (Lum/lm)** |
| | 100,000 | F | 348 | - |
| | **Dimensions** | | | |
| | 162mm x 300mm x 182mm | | | |

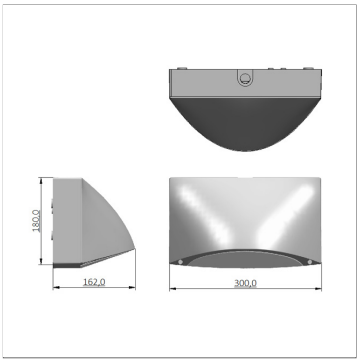
## Fitting Options

| | |
|---|---|
| Conduit Hole - Top of Fitting | -TH |
| Ski-Slope Body | -SK |
| Conduit Hole in Both Ends | -2H |
| DALI with **% Pre-set | -D |
| Maintained Emergency 3 Hour, Self Test | -ES |
| Maintained Emergency 3 Hour, DALI | -ED |
| Maintained Emergency 3 Hour | -E3 |
| Matt Black | -MB |
| Matt White | -MW |
| Matt Titanium | -MT |
| DALI-2 Dimming / Monitoring | -DA |

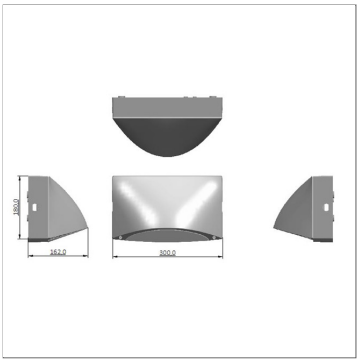
• For paint colour options, please replace -MT with required paint code.



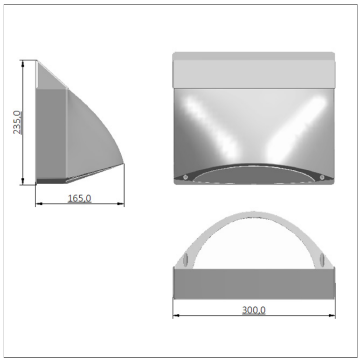

Solez Wall Drawing



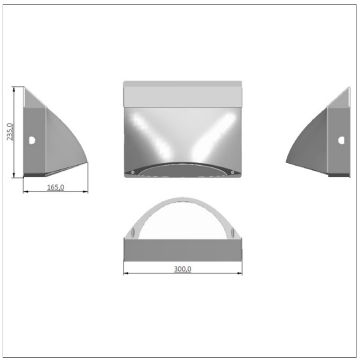

Solez Wall Conduit Hole - Top of Fitting Option Drawing



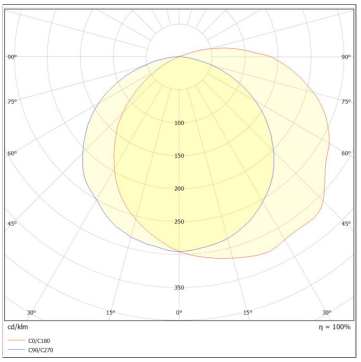
Solez Wall Conduit Hole in Both Ends Option Drawing



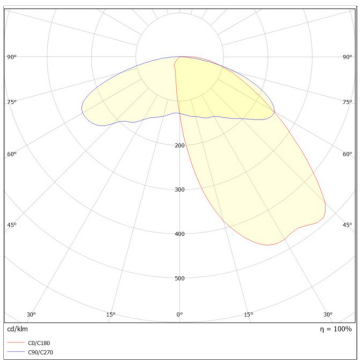

Solez Wall Ski-Slope Option Drawing




Solez Wall Ski-Slope and Conduit Hole in Both Ends Options Drawing




Solez Wall Opal Polar Curve




Solez Wall Frosted Polar Curve