# Stromma

IP65 | IK14 (100J) | Linear | Class I | Recessed | Surface | Suspended

Community and Public | Secure Healthcare | Transport

Stromma is a vandal resistant stand alone luminaire or continuous illumination system. It is designed for secure healthcare facilities, transport applications and community and public installations.

Standard Colours

Matt Black | Matt White | Matt Silver | Matt Titanium

## Product Information

Stromma's opal or asymmetric diffuser provides a soft lit appearance, while providing uniform illumination, ensuring a consistent light distribution. Stromma utilises high transmission material which helps prevent hot spots, provides uniform light output and has advanced UV resistance.

Stromma can be specified as a standalone luminaire or a continuous illumination system by utilising easily integrated modules. Stromma is convenient to upgrade and maintain further to a removable LED gear tray.

Stromma can be surface mounted, suspended, or recessed with a flange. Integral through wire trunking for up to 3 lighting circuits, providing long continuous runs, remote central battery capability and enhanced circuit diversity.

Transport applications include covered platforms, ticket areas and station forecourts. Community and Public applications include subways. Secure Health applications include corridors and circulation spaces.

This luminaire is designed for longevity and sustainability and adheres to our circular design principles. We conduct a circular economy assessment using TM66 and measure embodied carbon ($kgCO_2e$) in accordance with TM65.2.

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

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

**Housing:** Extruded aluminium body

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

**Diffuser:** Polycarbonate.

**Driver:** Integral electronic control gear. DALI driver as standard.

**Mounting:** Surface.

**Cable Entry:** Via plug and socket (Supplied).

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

## Technical Information

| Stromma | Output (Lum/lm) | Load (W) | Efficacy (lm/W) | CCT (K) |
|---|---|---|---|---|
| **L589mm Symmetric** | | | | |
| STR-G2-2-L-W-MS-DA | 1085 | 11 | 97 | 3000 |
| | **Weight (kg)** | **CRI** | **High Temp (°C)** | **LED Lifetime** |
| | 4.9 | CRI>80 | - | $L_{80}B_{10}$>102,000h |
| | **Driver lifetime (up to hours)** | **LED Energy Rating** | **Emergency Output (Lum/lm)** | **Nightlight Output (Lum/lm)** |
| | 100,000 | C | - | - |
| | **Dimensions** | | | |
| | 100mm x 120mm | | | |
| STR-G2-2-L-N-MS-DA | 1112 | 11 | 100 | 4000 |
| | **Weight (kg)** | **CRI** | **High Temp (°C)** | **LED Lifetime** |
| | 4.9 | CRI>80 | - | $L_{80}B_{10}$>102,000h |
| | **Driver lifetime (up to hours)** | **LED Energy Rating** | **Emergency Output (Lum/lm)** | **Nightlight Output (Lum/lm)** |
| | 100,000 | B | - | - |
| | **Dimensions** | | | |
| | 100mm x 120mm | | | |
| STR-G2-2-H-W-MS-DA | 2099 | 21 | 100 | 3000 |
| | **Weight (kg)** | **CRI** | **High Temp (°C)** | **LED Lifetime** |
| | 4.9 | CRI>80 | - | $L_{80}B_{10}$>102,000h |
| | **Driver lifetime (up to hours)** | **LED Energy Rating** | **Emergency Output (Lum/lm)** | **Nightlight Output (Lum/lm)** |
| | 100,000 | C | - | - |
| | **Dimensions** | | | |
| | 100mm x 120mm | | | |
| STR-G2-2-H-N-MS-DA | 2174 | 21 | 105 | 4000 |
| | **Weight (kg)** | **CRI** | **High Temp (°C)** | **LED Lifetime** |
| | 4.9 | CRI>80 | - | $L_{80}B_{10}$>102,000h |
| | **Driver lifetime (up to hours)** | **LED Energy Rating** | **Emergency Output (Lum/lm)** | **Nightlight Output (Lum/lm)** |
| | 100,000 | B | - | - |
| | **Dimensions** | | | |
| | 100mm x 120mm | | | |
| **L589mm 8 Degree Angle Asymmetric** | | | | |
| STR-G2-2-L-WA-MS-DA | 1030 | 11 | 93 | 3000 |
| | **Weight (kg)** | **CRI** | **High Temp (°C)** | **LED Lifetime** |
| | 4.9 | CRI>80 | - | $L_{80}B_{10}$>102,000h |
| | **Driver lifetime (up to hours)** | **LED Energy Rating** | **Emergency Output (Lum/lm)** | **Nightlight Output (Lum/lm)** |
| | 100,000 | C | - | - |
| | **Dimensions** | | | |
| | 100mm x 120mm | | | |

| Stromma | Output (Lum/lm) | Load (W) | Efficacy (lm/W) | CCT (K) |
|---|---|---|---|---|
| **L589mm 8 Degree Angle Asymmetric** | | | | |
| STR-G2-2-L-NA-MS-DA | 1067 | 11 | 97 | 4000 |
| | **Weight (kg)** | **CRI** | **High Temp (°C)** | **LED Lifetime** |
| | 4.9 | CRI>80 | - | $L_{80}B_{10}$>102,000h |
| | **Driver lifetime (up to hours)** | **LED Energy Rating** | **Emergency Output (Lum/lm)** | **Nightlight Output (Lum/lm)** |
| | 100,000 | B | - | - |
| | **Dimensions** | | | |
| | 100mm x 120mm | | | |
| STR-G2-2-H-WA-MS-DA | 2000 | 21 | 96 | 3000 |
| | **Weight (kg)** | **CRI** | **High Temp (°C)** | **LED Lifetime** |
| | 4.9 | CRI>80 | - | $L_{80}B_{10}$>102,000h |
| | **Driver lifetime (up to hours)** | **LED Energy Rating** | **Emergency Output (Lum/lm)** | **Nightlight Output (Lum/lm)** |
| | 100,000 | C | - | - |
| | **Dimensions** | | | |
| | 100mm x 120mm | | | |
| STR-G2-2-H-NA-MS-DA | 2071 | 21 | 100 | 4000 |
| | **Weight (kg)** | **CRI** | **High Temp (°C)** | **LED Lifetime** |
| | 4.9 | CRI>80 | - | $L_{80}B_{10}$>102,000h |
| | **Driver lifetime (up to hours)** | **LED Energy Rating** | **Emergency Output (Lum/lm)** | **Nightlight Output (Lum/lm)** |
| | 100,000 | B | - | - |
| | **Dimensions** | | | |
| | 100mm x 120mm | | | |
| **L1151mm Symmetric** | | | | |
| STR-G2-4-L-W-MS-DA | 2168 | 20 | 109 | 3000 |
| | **Weight (kg)** | **CRI** | **High Temp (°C)** | **LED Lifetime** |
| | 8.5 | CRI>80 | - | $L_{80}B_{10}$>102,000h |
| | **Driver lifetime (up to hours)** | **LED Energy Rating** | **Emergency Output (Lum/lm)** | **Nightlight Output (Lum/lm)** |
| | 100,000 | C | 614 | - |
| | **Dimensions** | | | |
| | 100mm x 120mm | | | |
| STR-G2-4-L-N-MS-DA | 2210 | 20 | 112 | 4000 |
| | **Weight (kg)** | **CRI** | **High Temp (°C)** | **LED Lifetime** |
| | 8.5 | CRI>80 | - | $L_{80}B_{10}$>102,000h |
| | **Driver lifetime (up to hours)** | **LED Energy Rating** | **Emergency Output (Lum/lm)** | **Nightlight Output (Lum/lm)** |
| | 100,000 | B | 650 | - |
| | **Dimensions** | | | |
| | 100mm x 120mm | | | |

| Stromma | Output (Lum/lm) | Load (W) | Efficacy (lm/W) | CCT (K) |
|---|---|---|---|---|
| **L1151mm Symmetric** | | | | |
| STR-G2-4-H-W-MS-DA | 4262 | 40 | 108 | 3000 |
| | **Weight (kg)** | **CRI** | **High Temp (°C)** | **LED Lifetime** |
| | 8.5 | CRI>80 | - | $L_{80}B_{10}$>102,000h |
| | **Driver lifetime (up to hours)** | **LED Energy Rating** | **Emergency Output (Lum/lm)** | **Nightlight Output (Lum/lm)** |
| | 100,000 | C | 614 | - |
| | **Dimensions** | | | |
| | 100mm x 120mm | | | |
| STR-G2-4-H-N-MS-DA | 4338 | 40 | 109 | 4000 |
| | **Weight (kg)** | **CRI** | **High Temp (°C)** | **LED Lifetime** |
| | 8.5 | CRI>80 | - | $L_{80}B_{10}$>102,000h |
| | **Driver lifetime (up to hours)** | **LED Energy Rating** | **Emergency Output (Lum/lm)** | **Nightlight Output (Lum/lm)** |
| | 100,000 | B | 650 | - |
| | **Dimensions** | | | |
| | 100mm x 120mm | | | |
| **L1151mm 8 Degree Angle Asymmetric** | | | | |
| STR-G2-4-L-WA-MS-DA | 2041 | 20 | 101 | 3000 |
| | **Weight (kg)** | **CRI** | **High Temp (°C)** | **LED Lifetime** |
| | 8.5 | CRI>80 | - | $L_{80}B_{10}$>102,000h |
| | **Driver lifetime (up to hours)** | **LED Energy Rating** | **Emergency Output (Lum/lm)** | **Nightlight Output (Lum/lm)** |
| | 100,000 | C | 614 | - |
| | **Dimensions** | | | |
| | 100mm x 120mm | | | |
| STR-G2-4-L-NA-MS-DA | 2087 | 20 | 104 | 4000 |
| | **Weight (kg)** | **CRI** | **High Temp (°C)** | **LED Lifetime** |
| | 8.5 | CRI>80 | - | $L_{80}B_{10}$>102,000h |
| | **Driver lifetime (up to hours)** | **LED Energy Rating** | **Emergency Output (Lum/lm)** | **Nightlight Output (Lum/lm)** |
| | 100,000 | B | 650 | - |
| | **Dimensions** | | | |
| | 100mm x 120mm | | | |
| STR-G2-4-H-WA-MS-DA | 3964 | 40 | 99 | 3000 |
| | **Weight (kg)** | **CRI** | **High Temp (°C)** | **LED Lifetime** |
| | 8.5 | CRI>80 | - | $L_{80}B_{10}$>102,000h |
| | **Driver lifetime (up to hours)** | **LED Energy Rating** | **Emergency Output (Lum/lm)** | **Nightlight Output (Lum/lm)** |
| | 100,000 | C | 614 | - |
| | **Dimensions** | | | |
| | 100mm x 120mm | | | |

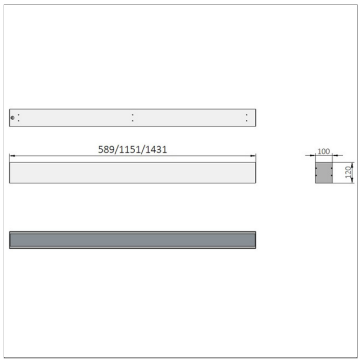
| Stromma | Output (Lum/lm) | Load (W) | Efficacy (lm/W) | CCT (K) |
|---|---|---|---|---|
| **L1151mm 8 Degree Angle Asymmetric** | | | | |
| STR-G2-4-H-NA-MS-DA | 4060 | 40 | 102 | 4000 |
| | **Weight (kg)** | **CRI** | **High Temp (°C)** | **LED Lifetime** |
| | 8.5 | CRI>80 | - | $L_{80}B_{10}$>102,000h |
| | **Driver lifetime (up to hours)** | **LED Energy Rating** | **Emergency Output (Lum/lm)** | **Nightlight Output (Lum/lm)** |
| | 100,000 | B | 650 | - |
| | **Dimensions** | | | |
| | 100mm x 120mm | | | |
| **L1431mm Symmetric** | | | | |
| STR-G2-5-L-W-MS-DA | 2733 | 24 | 112 | 3000 |
| | **Weight (kg)** | **CRI** | **High Temp (°C)** | **LED Lifetime** |
| | 10.5 | CRI>80 | - | $L_{80}B_{10}$>102,000h |
| | **Driver lifetime (up to hours)** | **LED Energy Rating** | **Emergency Output (Lum/lm)** | **Nightlight Output (Lum/lm)** |
| | 100,000 | C | 555 | - |
| | **Dimensions** | | | |
| | 100mm x 120mm | | | |
| STR-G2-5-L-N-MS-DA | 2855 | 25 | 116 | 4000 |
| | **Weight (kg)** | **CRI** | **High Temp (°C)** | **LED Lifetime** |
| | 10.5 | CRI>80 | - | $L_{80}B_{10}$>102,000h |
| | **Driver lifetime (up to hours)** | **LED Energy Rating** | **Emergency Output (Lum/lm)** | **Nightlight Output (Lum/lm)** |
| | 100,000 | B | 584 | - |
| | **Dimensions** | | | |
| | 100mm x 120mm | | | |
| STR-G2-5-H-W-MS-DA | 5297 | 49 | 108 | 3000 |
| | **Weight (kg)** | **CRI** | **High Temp (°C)** | **LED Lifetime** |
| | 10.5 | CRI>80 | - | $L_{80}B_{10}$>102,000h |
| | **Driver lifetime (up to hours)** | **LED Energy Rating** | **Emergency Output (Lum/lm)** | **Nightlight Output (Lum/lm)** |
| | 100,000 | C | 555 | - |
| | **Dimensions** | | | |
| | 100mm x 120mm | | | |
| STR-G2-5-H-N-MS-DA | 5507 | 49 | 112 | 4000 |
| | **Weight (kg)** | **CRI** | **High Temp (°C)** | **LED Lifetime** |
| | 10.5 | CRI>80 | - | $L_{80}B_{10}$>102,000h |
| | **Driver lifetime (up to hours)** | **LED Energy Rating** | **Emergency Output (Lum/lm)** | **Nightlight Output (Lum/lm)** |
| | 100,000 | B | 584 | - |
| | **Dimensions** | | | |
| | 100mm x 120mm | | | |

| Stromma | Output (Lum/lm) | Load (W) | Efficacy (lm/W) | CCT (K) |
|---|---|---|---|---|
| **L1431mm 8 Degree Angle Asymmetric** | | | | |
| STR-G2-5-L-WA-MS-DA | 2514 | 24 | 103 | 3000 |
| | **Weight (kg)** | **CRI** | **High Temp (°C)** | **LED Lifetime** |
| | 10.5 | CRI>80 | - | $L_{80}B_{10}$>102,000h |
| | **Driver lifetime (up to hours)** | **LED Energy Rating** | **Emergency Output (Lum/lm)** | **Nightlight Output (Lum/lm)** |
| | 100,000 | C | 555 | - |
| | **Dimensions** | | | |
| | 100mm x 120mm | | | |
| STR-G2-5-L-NA-MS-DA | 2588 | 24 | 106 | 4000 |
| | **Weight (kg)** | **CRI** | **High Temp (°C)** | **LED Lifetime** |
| | 10.5 | CRI>80 | - | $L_{80}B_{10}$>102,000h |
| | **Driver lifetime (up to hours)** | **LED Energy Rating** | **Emergency Output (Lum/lm)** | **Nightlight Output (Lum/lm)** |
| | 100,000 | B | 584 | - |
| | **Dimensions** | | | |
| | 100mm x 120mm | | | |
| STR-G2-5-H-WA-MS-DA | 4864 | 49 | 99 | 3000 |
| | **Weight (kg)** | **CRI** | **High Temp (°C)** | **LED Lifetime** |
| | 10.5 | CRI>80 | - | $L_{80}B_{10}$>102,000h |
| | **Driver lifetime (up to hours)** | **LED Energy Rating** | **Emergency Output (Lum/lm)** | **Nightlight Output (Lum/lm)** |
| | 100,000 | C | 555 | - |
| | **Dimensions** | | | |
| | 100mm x 120mm | | | |
| STR-G2-5-H-NA-MS-DA | 5045 | 49 | 103 | 4000 |
| | **Weight (kg)** | **CRI** | **High Temp (°C)** | **LED Lifetime** |
| | 10.5 | CRI>80 | - | $L_{80}B_{10}$>102,000h |
| | **Driver lifetime (up to hours)** | **LED Energy Rating** | **Emergency Output (Lum/lm)** | **Nightlight Output (Lum/lm)** |
| | 100,000 | B | 584 | - |
| | **Dimensions** | | | |
| | 100mm x 120mm | | | |

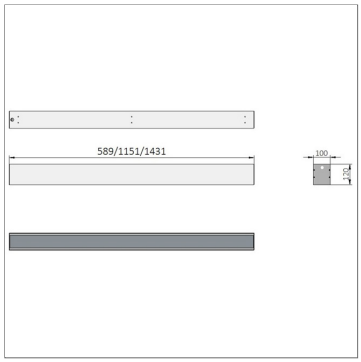
## Fitting Options

| | |
|---|---|
| 3 Circuit | -3C |
| 1 Circuit | -1C |
| Continuous Start | -CS |
| Continuous End | -CE |
| Continuous Middle | -CM |
| Conduit Hole in One End | -1H |
| 3 Conduit Holes, One End | -3H |
| Suspended | -S |
| Fully Recessed | -R |
| Extra Secure Fix - Screw from front | -X2 |
| Extra Secure Fix - Screw from side | -X1 |
| DALI with **% Pre-set | -D |
| Maintained Emergency 3 Hour, DALI | -ED |
| Maintained Emergency 3 Hour | -E3 |
| Matt Black | -MB |
| Matt White | -MW |
| Matt Silver | -MS |
| Matt Titanium | -MT |
| DALI-2 Dimming / Monitoring | -DA |

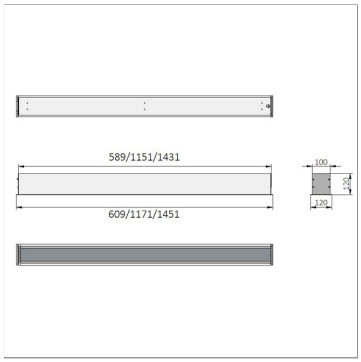
- For paint colour options, please replace -MS.
- Standard 8 degree angle asymmetric.Other asymmetric angles available.
- When specifying continuous illumination, low and high output versions should not be mixed.
- Allow a tolerance of +3mm on overall dimensions.
- For stand-alone units, maximum number of luminaires per MCB: Type B10 MCB – 13 pcs,Type C10 MCB – 21 pcs
- For continuous runs, maximum 10 luminaires (2 Amps) per circuit.
- -1C / -3C options not available in 589mm versions.
- For beginning or end fittings of a continuous run deduct 3mm from dimension for length. For middle fittings deduct 6mm from dimension for length.
- For 240V changeover relay, please call technical sales on +44 (0)20 8254 2022.
- -E3 and -ED options not available for 589mm version.
- -3H only available in 1431mm version.
- -R Recessed option includes 10mm flange all round. For recessed cut-out add 5mm to width and length shown.
- -S Suspended option comes with brackets. Drop rods and fasteners not included.



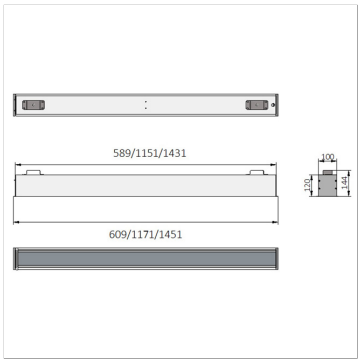

Stromma Drawing



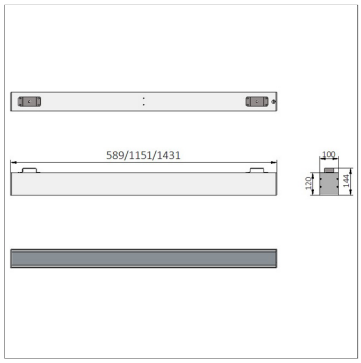

Stromma with Conduit Hole in One End



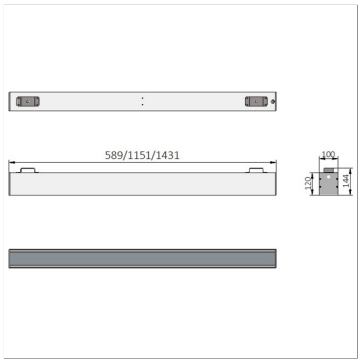

Stromma Recessed Drawing



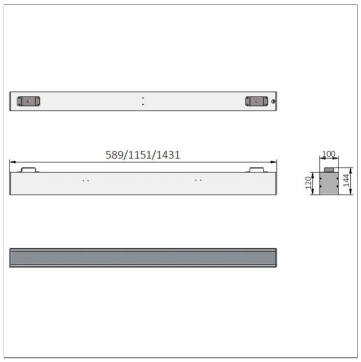

Stromma Recessed Suspended Drawing



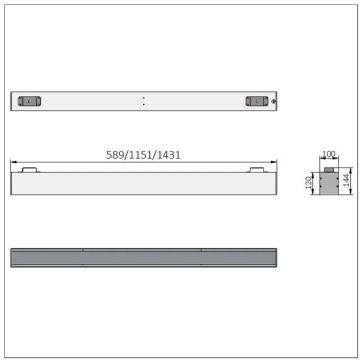

Stromma Suspended Drawing



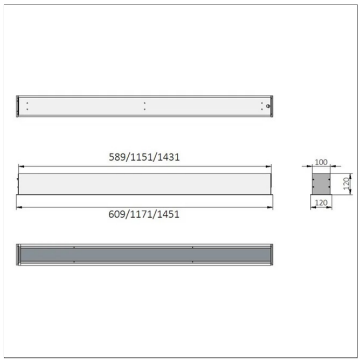

Stromma Suspended with Conduit Hole in One End



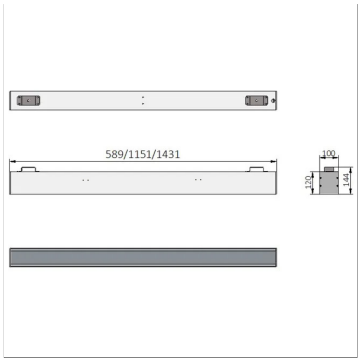

Stromma with Extra Secure Screw-Side



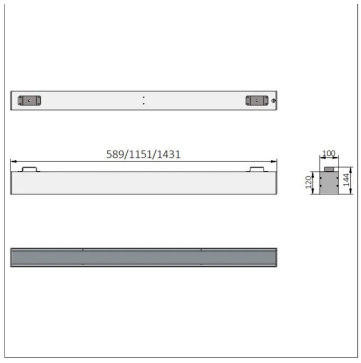

Stromma with Extra Secure Screw-Front



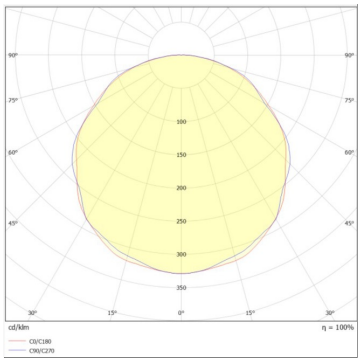

Stromma Recessed with Extra Secure Screw-Front



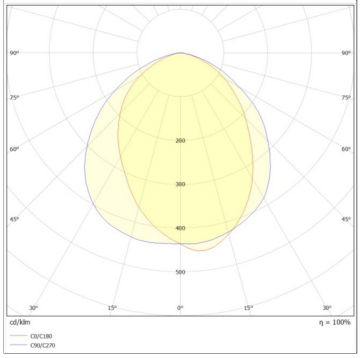

Stromma Suspended with Extra Secure Screw-Side




Stromma Suspended with Extra Secure Screw-Front




Stromma Polar Curve




Stromma 8 Degree Angle Asymmetric Polar Curve

designplan LIGHTING

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