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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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			

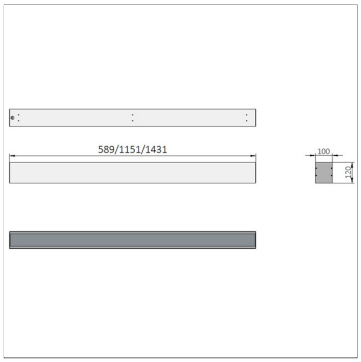
Stromma	Output (Lum/lm)	Load (W)	Efficacy (lm/W)	CCT (K)
L1151mm 8 Degree Angle Asymmetric				
STR-G2-4-H-NA-MS-DA	4060	40	102	4000
	Weight (kg)	**CRI**	**High Temp (°C)**	**LED Lifetime**
	8.5	80	-	$L_{80}B_{10}$>102,000h
	Driver lifetime (up to hours)	**LED Energy Rating**	**Emergency Output (Lum/lm)**	**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	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	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	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	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	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	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	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	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			

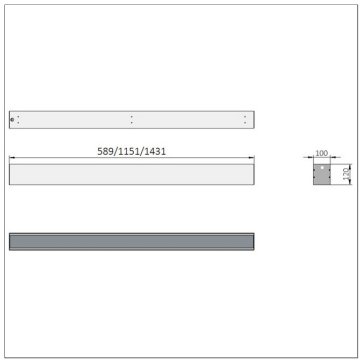
Fitting Options

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

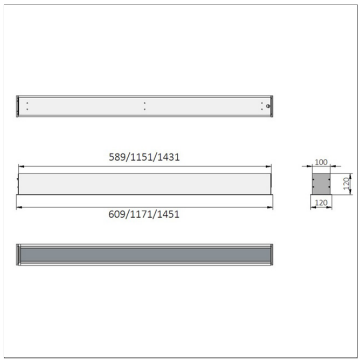
- For paint colour options, please replace -MS.
- Standard 8 degree angle asymmetric.Other asymmetric angles available.
- When specifying continuous illumination, low and high output versions should not be mixed.
- Allow a tolerance of +3mm on overall dimensions.
- For stand-alone units, maximum number 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.



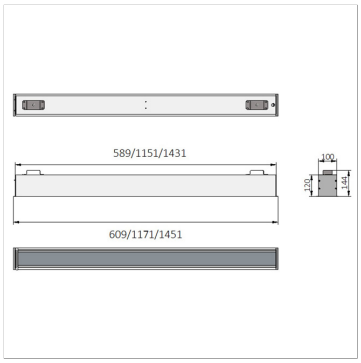
Stromma Drawing



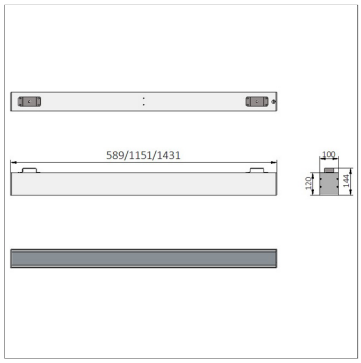
Stromma with Conduit Hole in One End



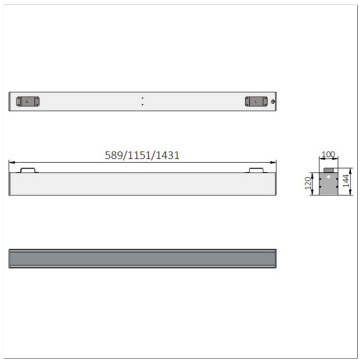
Stromma Recessed Drawing



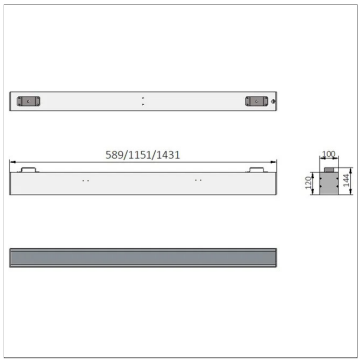
Stromma Recessed Suspended Drawing



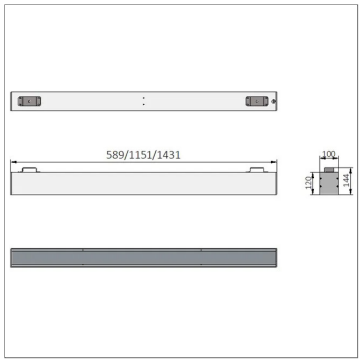
Stromma Suspended Drawing



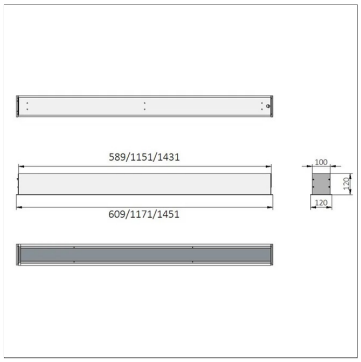
Stromma Suspended with Conduit Hole in One End



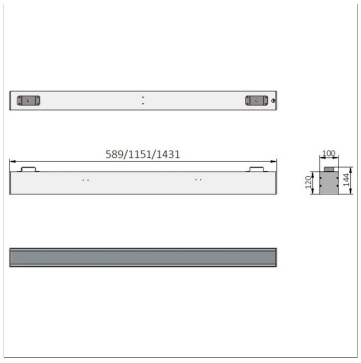
Stromma with Extra Secure Screw-Side



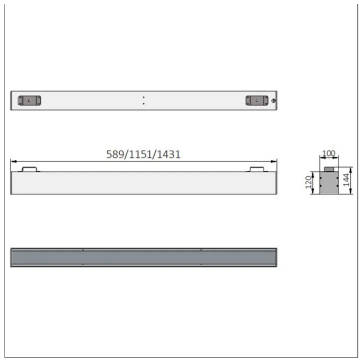
Stromma with Extra Secure Screw-Front



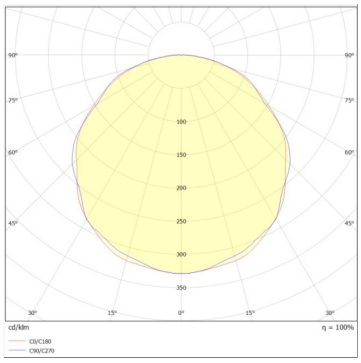
Stromma Recessed with Extra Secure Screw-Front



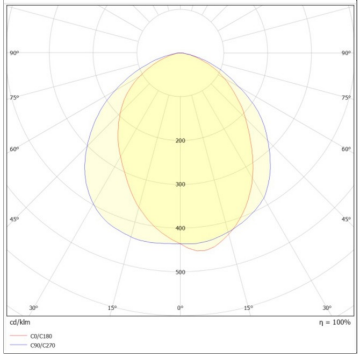
Stromma Suspended with Extra Secure Screw-Side



Stromma Suspended with Extra Secure Screw-Front



Stromma Polar Curve



Stromma 8 Degree Angle Asymmetric Polar Curve

designplan LIGHTING

Tel: 020 8254 2000 | Email: sales@designplan.co.uk | Web: designplan.co.uk
Designplan Lighting Ltd. 16 Kimpton Park Way, Sutton, Surrey, United Kingdom, SM3 9QS | Registered in England No. 784246