

LUMALINE

BY KC SHADE

STRAIGHT LINE RANGE · WINDOW & DOOR AWNINGS

Rain out. Light in.

A crisp, flat-profile awning in powder-coated aluminium and twin-wall polycarbonate. Lumaline keeps weather off windows, doors and outdoor equipment without darkening the room behind — and its slim, architectural lines suit everything from coastal homes to heritage shopfronts.



Shopfronts & cafés

Shelter for doorways and window displays, with daylight kept on the street.



Equipment covers

Protect batteries, switchboards and meters from rain and direct sun.

Why Lumaline

Daylight stays. Up to 86% light through in Clear.

UV blocked. The panel absorbs virtually all UV.

Clean lines. Flat profile, slim arms, no bulky brackets.

Made to measure. Up to 1.6 m projection, any width.

Make it yours

4 FRAMES × 5 TINTS = 20 LOOKS

FRAME COLOUR

Black · White · Cream · Monument

PANEL TINT · LASERLITE

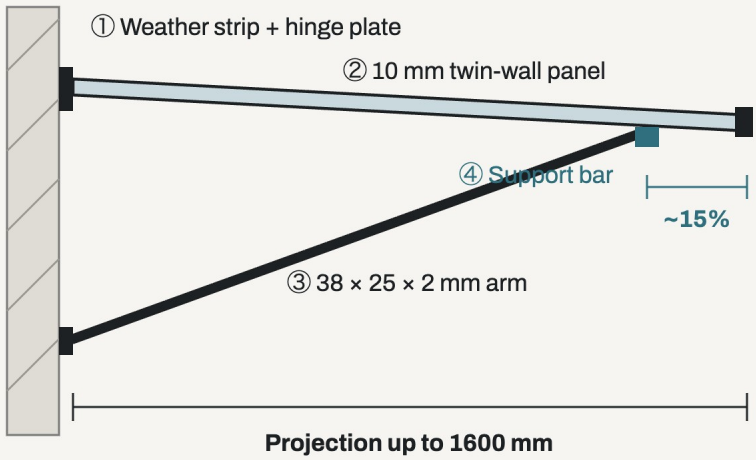
Clear	Opal	Bronze	Grey	Platinum
Most light	Soft glow	Warm tone	Cool shade	Heat shield
86%	16%	22%	9%	11%

Each swatch shows the same sky seen through the panel. % = visible light transmitted. Ask for a physical sample.

TECHNICAL SPECIFICATION · STRAIGHT LINE RANGE

Engineered to last. Detailed to perform.

LUMALINE



Side elevation, not to scale. Arm meets the frame about 15% back from the front edge.

1600 mm
Maximum projection

10 mm
Twin-wall polycarbonate

5 yrs
Laserlite light-transmission warranty

20
Frame and tint combinations

Panel · Laserlite Multiwall

Construction	10 mm twin-wall polycarbonate
Weight	1.7 kg/m²
Thermal (U-value)	3.17 W/m²K
Sound reduction	16 dB
Impact (falling weight)	40 J
Service temperature	–20 °C to 120 °C
UV protection	Absorbs virtually all UV
Module width	700 mm panels, joined on H-bars

Frame & fixing · Aluminium

Finish	Powder coat: Black, White, Cream, Monument
Arms	38 × 25 × 2 mm, radius corners
Support bar	Matching 38 × 25 mm section
Glazing	H-bar system, no screws through sheet
Seals	Gaskets to H-bars, end caps, edge bar
Flute ends	Breather tape top, sealed tape base
Wall fixing	Aluminium weather strip, hinge plates
Arm count	2 standard, 3rd optional on wide spans

Panel performance by tint

Tint	Light through	Heat through	SHGC	Shading coeff.	Best for
Clear	86%	76%	0.789	0.907	Maximum daylight
Opal	16%	29%	0.343	0.394	Diffused light, privacy, no glare
Bronze Tint	22%	30%	0.516	0.593	Warm, traditional façades
Grey Tint	9%	24%	0.473	0.544	Darker, modern façades
Platinum	11%	16%	0.327	0.376	Hot north and west aspects

Moves with the weather

Panels sit captive in gasketed channels, so polycarbonate's thermal expansion never loads a fixing.

Drains, doesn't pool

Flutes run front to back to shed water. Breather tape vents moisture; sealed bases keep dust and insects out.

Stronger where it counts

Arms meet the frame ~15% back from the front edge, shortening the free span and limiting front-edge flex.

Panel data: Laserlite Multiwall published figures. Projections over 1600 mm are supplied as patio covers with posts. Specifications subject to change.

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