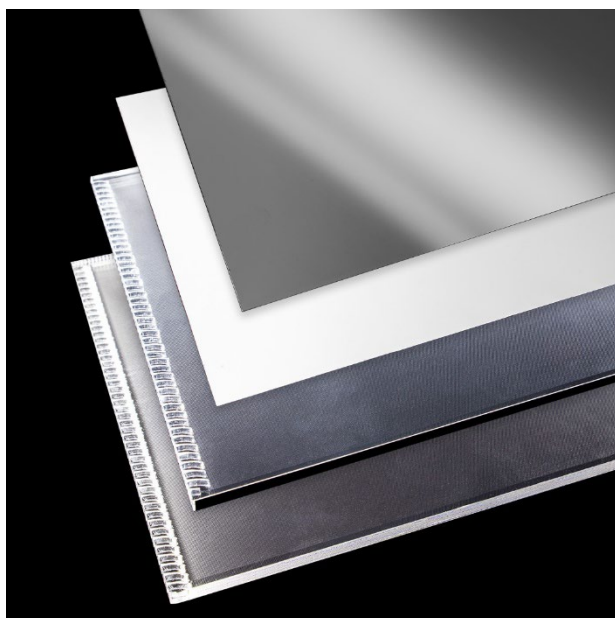




Advantages

- **Visual comfort** for area and street lighting from uniformly lit surface providing smooth, pixelation free illumination
- **Design freedom** for custom luminaire shapes, forms and tailored light patterns
- Tooling-free, **iterative design process** accelerates innovation and development
- Edge-lit design enables **slim, sleek, and modern** luminaire aesthetics
- **Optimize efficiency** with our tape accessory, and use our customized reflectors for beam adjustment

Family of Area Light Guide Plate (LGP) solutions engineered to deliver superior visual comfort, uniform illumination, and advanced flexibility for area and pathway lighting applications. With three optimized beam-pattern variants and multiple customization options, SLATE redefines what is possible in outdoor lighting performance and aesthetics.

Product data

Material	PMMA
Thickness	Up to 4 mm
Max. dimensions	700x700 mm
Compatibility	Various flat LED packages
Typical applications	Area lighting

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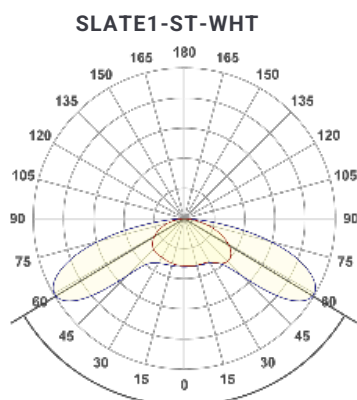
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SLATE1-ST

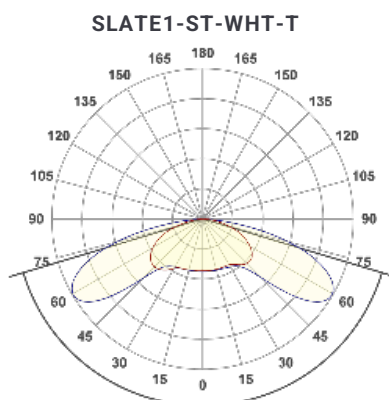
Product data

Beam type	Side throw
SLATE1-ST-WHT SLATE1-ST-WHT-T SLATE1-ST-MIR SLATE1-ST-MIR-T	with white I-Reflect reflector with white I-Reflect reflector and white reflector tape with mirror foil with mirror foil and white reflector tape
Thickness	4 mm
Trapezoid	A300 x H200 x B250 mm
LED placement	two sides lit
Optical efficiency	SLATE1-ST-WHT: 63% SLATE1-ST-WHT-T: 73% SLATE1-ST-MIR: 62% SLATE1-ST-MIR-T: 66%

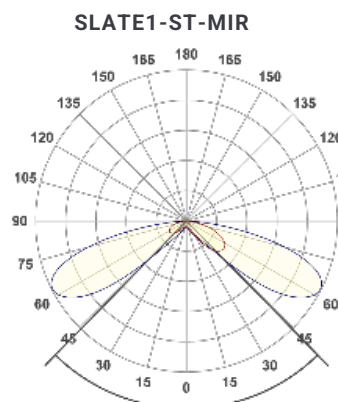
Light distribution curves



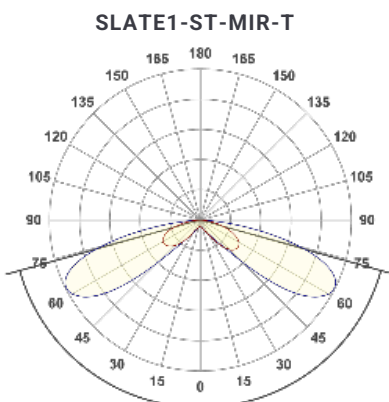
Accessories: I-Reflect



Accessories: I-Reflect,
edge tape



Accessories: Mirror foil



Accessories: Mirror foil,
edge tape

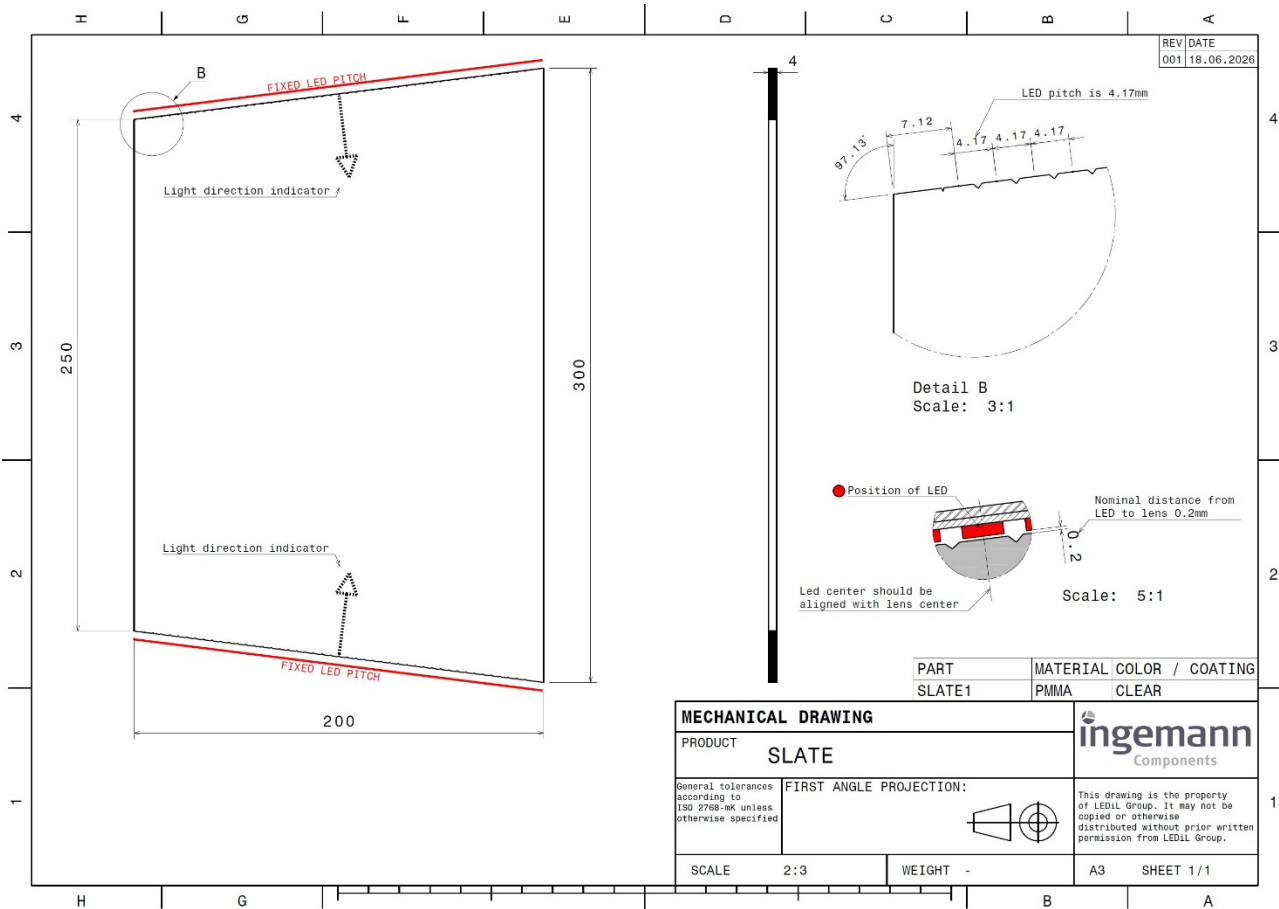
Measured light distribution curve, SLATE1-ST

■ C0/C180 ■ C90/C270

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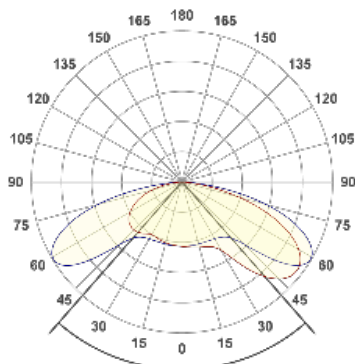
SLATE2-SFT

Product data

Beam type	Side + forward throw
SLATE2-SFT-WHT-T SLATE2-SFT-MIR-T	with white I-Reflect reflector and white reflector tape with mirror foil and white reflector tape
Thickness	4 mm
Trapezoid	A300 x H200 x B250 mm
LED placement	three sides lit
Optical efficiency	SLATE2-SFT-WHT-T: 62% SLATE2-SFT-MIR-T: 55%

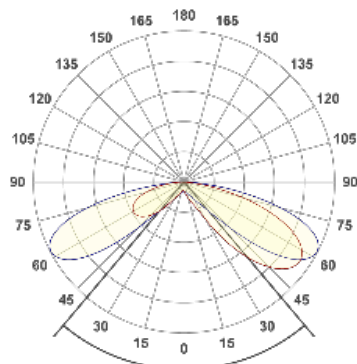
Light distribution curves

SLATE2-SFT-WHT-T



Accessories: I-Reflect,
edge tape

SLATE2-SFT-MIR-T



Accessories: Mirror foil,
edge tape

Measured light distribution curve, SLATE2-SFT

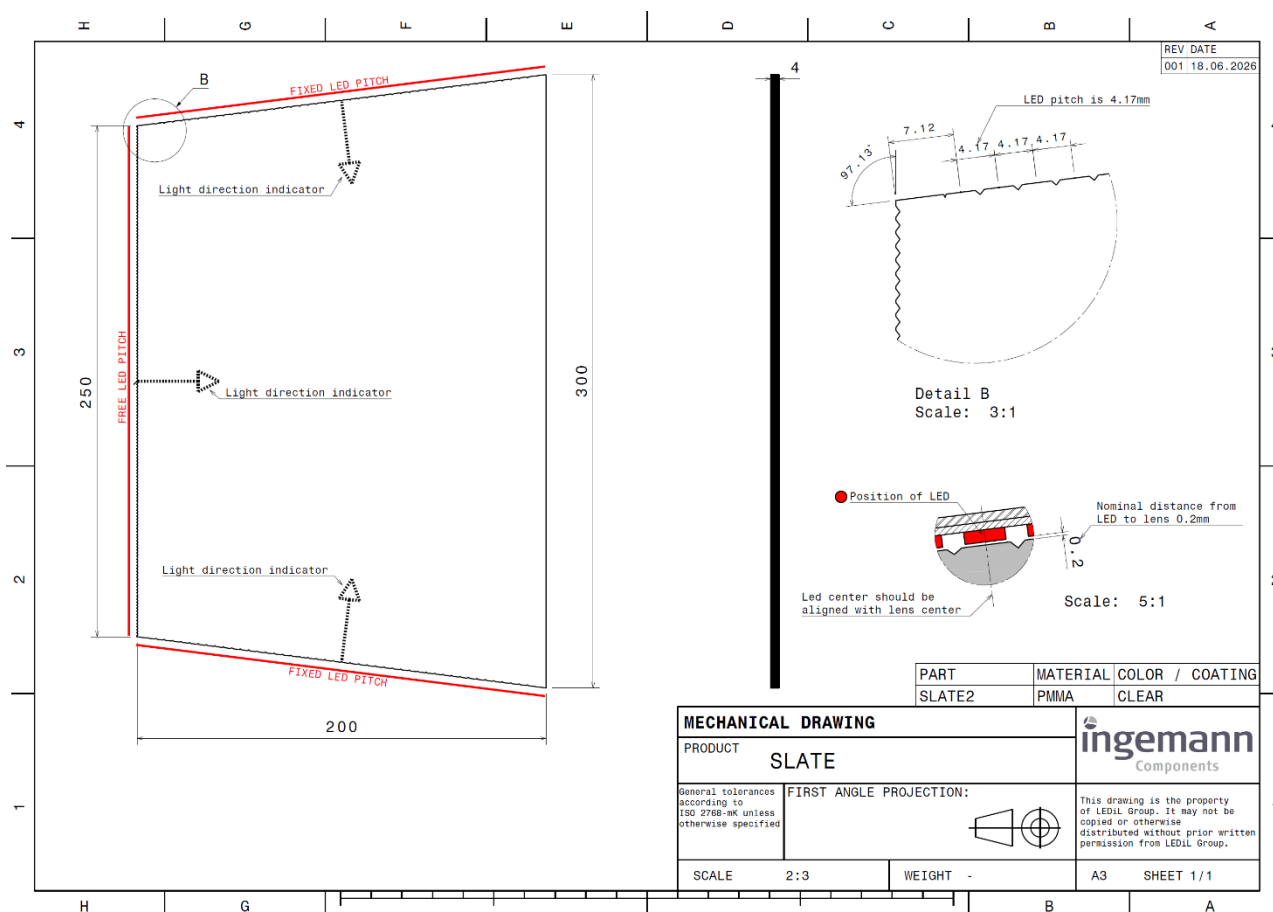
■ C0/C180

■ C90/C270

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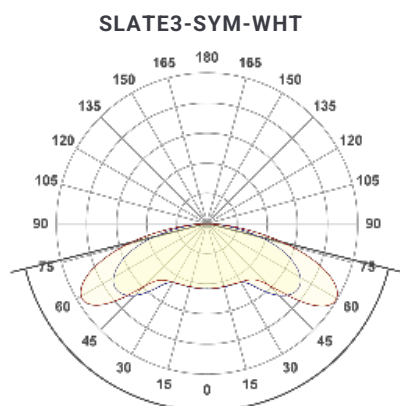
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SLATE3-SYM

Product data

Beam type	Symmetrical
SLATE3-SYM	with white I-Reflect reflector
Thickness	4 mm
Trapezoid	300 x 300 mm
LED placement	4 sides
Optical efficiency	81%

Light distribution curve



Measured light distribution curve, SLATE3-SYM

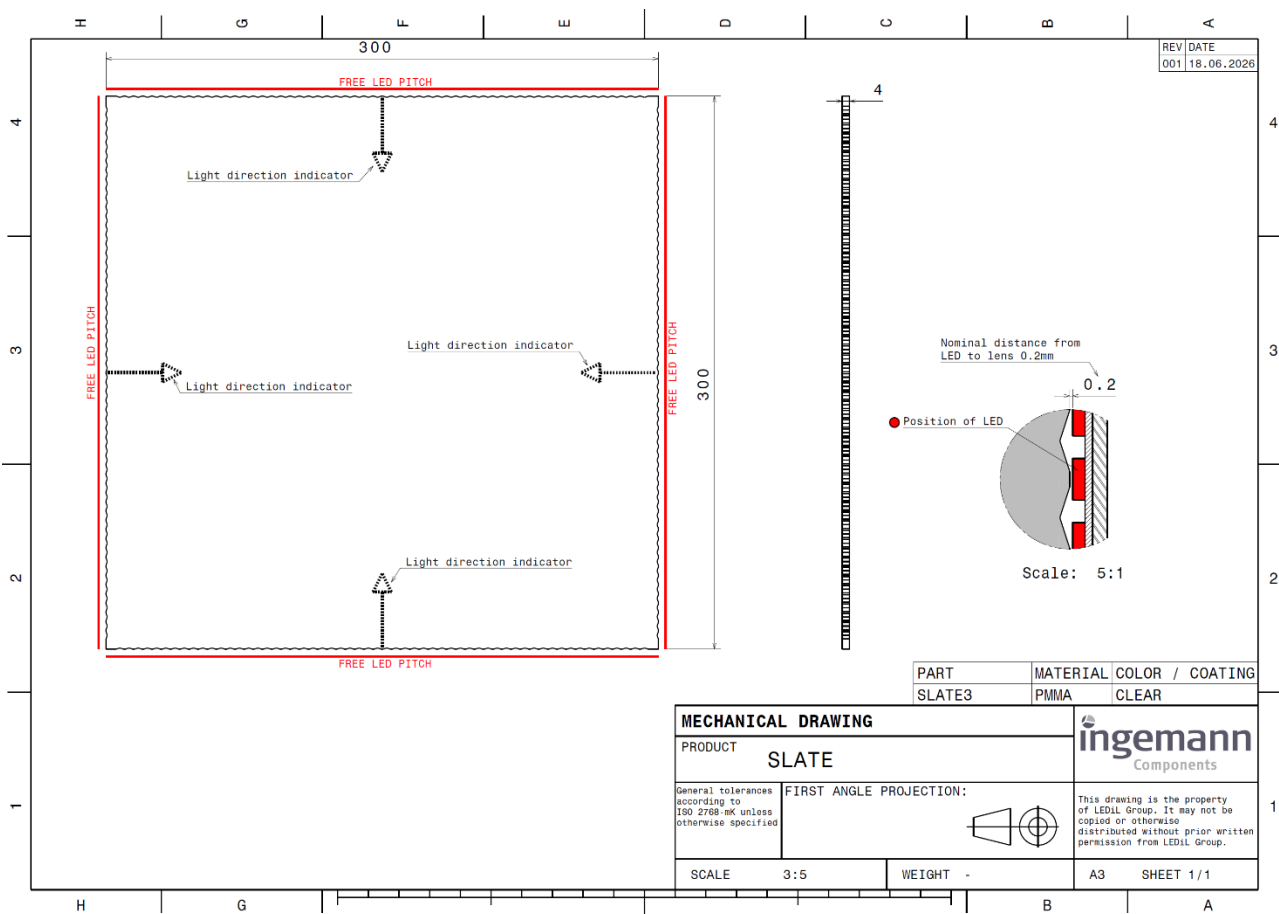
■ C0/C180

■ C90/C270

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