

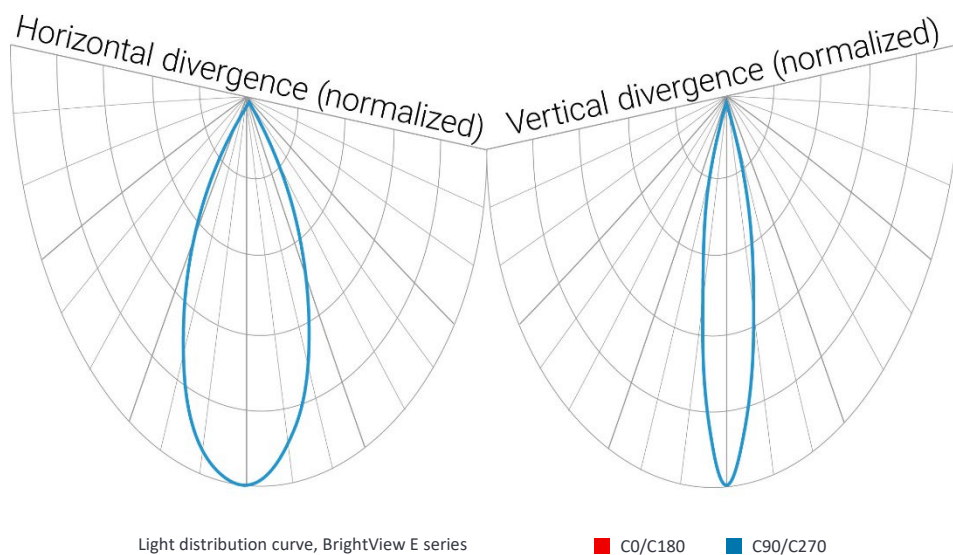
Advantages

- Asymmetric light distribution for targeted illumination
- Superior efficiency through one-directional diffusion
- Reduced scalloping for a cleaner aesthetic
- Perfect for wall-wash, linear, and cove applications

BrightView E-Series diffusers deliver advanced optical performance for LED and fluorescent lighting applications. Designed with an asymmetric elliptical diffusion pattern, these diffusers spread light more intensely in one direction, making them ideal for wall-wash, linear, and cove lighting. Since diffusion is only applied along one direction, efficiency can be even higher than BrightView's C-Series diffusers. Their unique design minimizes scalloping and creates a smooth, uniform visual effect, whether blending adjacent fluorescent lamps or transforming a line of LEDs into a seamless line of light.

Product data

Material	PET
Standard dimensions	1800 x 600 mm
Thickness	0,125 - 0,175 mm
Material transmission	89 - 96%
Temperature range	-34°C - 80°C
Glow wire test	650°C















*Datasheet is made on behalf of producer's information. Ingemann Components A/S cannot guarantee the authenticity of the data.

CONTACT US

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Product	Symbol	Diffuser strength (Higher numbers are more diffusive)	Efficiency in typical LED luminaire *
E-0110		0.3 x 10	92 - 96%
E-0115		0.3 x 15	91 - 95%
E-0190		1 x 90	92 - 96%
E-0140 E-4001		0.3 x 40	91 - 96%
E-0160 E-6001		0.3 x 60	90 - 96%
E-7001		0.1 x 70	90 - 96%
E-1020		10 x 20	91 - 95%
E-1040		10 x 40	91 - 95%
E-1560		15 x 60	90 - 95%
E-1324		13 x 24	91 - 95%
E-3060 E-6030		30 x 60	89 - 93%
E-6010 E-1060		60 x 10	91 - 95%

* Efficiencies are typical; they vary greatly depending on luminaire design.

Usage notes:

- For angle control and light spreading in architectural, wall-wash and cove lighting applications: E-Series diffusers are generally used with the microstructures facing toward the LEDs or lamps; please try both orientations.
- For lamp hiding: E-Series diffusers are directional and are generally used with the microstructures facing away from the LEDs or lamps; please try both orientations.
- Elliptical numbers specify direction of the elliptical. First two numbers indicate long side elliptical degrees (dims up to 72") while the second two numbers indicate short side elliptical degrees (dims up to 24"). Please specify elliptical direction on all drawings.

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