



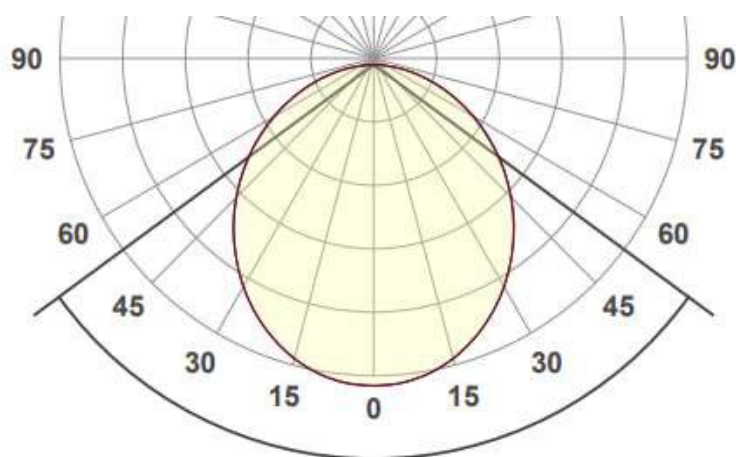
### Advantages

- High light transmission with effective diffusion
- Excellent impact resistance and durability
- Wide operating temperature range ( $-100^{\circ}\text{C}$  to  $+100^{\circ}\text{C}$ )

**PC Arcus** is a solid polycarbonate diffuser sheet with 60, 70, 80 and 90% light transmittance and excellent diffusion properties. Arcus is typically used for all kinds of LED fixtures and luminaires. It offers possibility of high IK rating and, making it ideal for demanding environments. The sheet is impact-resistant, thermally stable ( $-100^{\circ}\text{C}$  to  $+100^{\circ}\text{C}$ ), and supports multiple processing methods.

### Product data

|                                  |                                                         |
|----------------------------------|---------------------------------------------------------|
| Material                         | PC                                                      |
| Thickness                        | 1,5 mm $\pm 3\%$ (Available in 2,0 / 3,0 mm on request) |
| Transmittance                    | 60, 70, 80 & 90 % $\pm 3\%$                             |
| Refractive index                 | 1.585                                                   |
| Standard dimensions              | 2440x1220 mm                                            |
| Tensile strength                 | 60 MPa                                                  |
| Temperature range                | $-100^{\circ}\text{C}$ to $+100^{\circ}\text{C}$        |
| Flammability                     | V2                                                      |
| Glow wire test<br>IEC 60695-2-12 | GWFI: 960/2.0<br>Results: Pass                          |



Measured light distribution curve, Ingemann Arcus

■ C0/C180

■ C90/C270

\*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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