

Canovelles, September 2026

The company Mercantil Luz Negra, S.L. with registrated office in
C/Carles Buhigues 13, Polígono Industrial Can Castells, 08420 Canovelles (Barcelona, Spain)

CERTIFIES

That the following products described below have carried out the relevant technical tests according to the data:

Product reference: **18.205**
Product name: **Transparent polycarbonate cover easy-on IP65**

We hereby declare, under our sole responsibility, that the products referred to above have undergone the relevant tests and comply with CE requirements in accordance with the applicable European directives and the following required standards:

Mechanical

Propiedad	Nominal Value	Test Method
Tensile Modulus	2300 MPa	ISO 527-1/1
Tensile stress – Yield	62.0 MPa	ISO 527-2/50
Tensile stress – Break	65.0 MPa	ISO 527-2/50
Stress Strain – Yield	6.0 %	ISO 527-2/50
Stress Strain – Break	120 %	ISO 527-2/50
Flexural Modulus	2400 MPa	ISO 178

Physical

Propiedad	Nominal Value	Test Method
Density	1.2 g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (300°C/1.2kg)	3.0 g/10 min	ISO 1133
Molding Shrinkage - Flow	0.50 - 0.70 %	ISO 294-4
Water Absorption – Saturation, 23°C	0.32 %	ISO 62
Water Absorption – Equilibrium, 23°C, 50% RH	0.12 %	ISO 62

Optical

Propiedad	Nominal Value	Test Method
Refractive Index	1.586 -	ISO 489
Light Transmittance	87 - 91 %	ASTM D1003
Haze, 2.54 mm	<1 %	ASTM D1003

The product described has been tested according to the standards listed above. It is possible to use the CE marking.

The certificate is issued under the responsibility of the manufacturer (data issued by the manufacturer). For the record and at request of the interested party, this certificate has been issued.

CE

Nuño Téllez
CEO



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