

Canovelles, August 2024

 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: **09.074**
 Product name: **Led profile Badalona lacquered white RAL9016 (l=3m)**

Alloy: 6060

Chemical composition (EN 573-3)

%	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Otros	Al
Min.	0.3	0.1	-	-	0.35	-	-	-	-	-
Max.	0.6	0.3	0.1	0.1	0.6	0.05	0.15	0.1	0.15	rest

(data given by supplier)

Mechanical properties (EN 755-2)

State	Wall thickness (mm)	Breaking load Rm (N/mm ²)	Elastic limit Rp0.2 (N/mm ²)	Elongation min (%)	Elongation 50mm min (%)
T4	e ≤ 25	120	60	16	14
T5	≤ 5	160	120	8	6
	5 < e ≤ 25	140	100	8	6
T6	≤ 3	190	150	8	6
	3 < e ≤ 25	170	140	8	6

(Data given by supplier)

Typical physical properties at ambient temperature of 20°C

Elastic modulus (N/mm ²)	Rigidness modulus (N/mm ²)	Specific gravity (g/cm ³)	Melting interval (°C)	Coefficient of linear expansion 20 - 100 °C	Thermal conductivity 20 °C (T6)	Resistivity at 20°C	Specific heat 0 - 100 °C
69000	26000	2.7	>605	23μ °C ⁻¹	200 W (m x K)	32nΩ x m	900 J/(kg x °K)

(data given by supplier)

Technological properties:

- Corrosion resistance: Very good
- Weldability: Good
- Conformability: Good
- Hardness: Medium

Applications:

Particularly suitable for applications in the field of building construction, for walls and window frames, in interior architecture for furniture, prefabricated walls and decoration, as well as for multiple uses in land and sea transport.

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

CERTIFICATE

Nuño Tellez
CEO



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