

Canovelles, September 2024

The company Mercantil Luz Negra, S.L. with registrated office in  
C/Carles Buhiques 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: **14.046, 14.047**  
Product name: **Led profile Amara white lacquered textured (l=6m),  
Led profile Amara black textured lacquered (l=6m)**

Alloy: 6063 / 6060

### Chemical composition (EN 573-3)

	Si	Fe	Cu	Mn	Mg	Zn	Ti	Al
%	0.43	0.16	0.00	0.02	0.42	0.00	0.01	98.96

(Data given by supplier)

### Hardening heat treatment

State: T5

Characteristics hardness min. surface		Actual hardness
Webster	Brinell	Webster
10	60	10

According to standard UNE EN755-1 and UNE EN 12020-1

### Surface treatment by lacquering:

The indicated profile has received the SB39,SN14 finish, which corresponds to L.White RAL-9003 Textured, L.Black RAL-9005 Textured and has been subjected to the tests established by the QUALICOAT directives in force:

Essay	Standard	Features
Thickness	ISO 2360	≥ 60 microns on visible sides
Adherence	ISO 2409	0
Filling test	ISO 1520	≥ 5mm
Crack resistance	ISO 1519	Seamless
Buchhloz hardness	ISO 2815	≥ 80
Acetic salt spray	ISO 9277	≥ 1000 hours
Polymerisation test	QUALICOAT	3 - 4
Boiling water resistance	QUALICOAT	No detachment
Machu for 48 hours	QUALICOAT	Corrosion < 0.5mm from the incision
Gloss (lacquered)	ISO 2813	0 - 30 ± 5 units
Impact (15.9mm sphere)	ISO 6272	No detachment

**Dimensions and tolerances:**

According to the plan and UNE EN 755-1 and UNE EN 12012-1

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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**LUZ NEGRA, SL**

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