

DECLARATION OF CONFORMITY

Address: Luz Negra, S.L.
C/Carles Buigues 13,
Polígono Industrial Can Castells,
08420 Canovelles (Barcelona) Spain

Manufacturer: Luz Negra, S.L.

Code / Reference: **04.010 / 04.013**

Model: **Led profile Philadelphia white lacquered (L=2m)**
Led profile Philadelphia white lacquered (L=6m)

We declare under our responsibility, that the above mentioned products have been tested and comply with the CE regulations in accordance with the European directives and the following required standards:

Aluminium base for extrusion:
ALLOY 6063 with composition:

Fe	Cu	Mn	Si	Zn	Ti	Mg	Al
0,20	0,00	0,02	0,43	0,00	0,01	0,47	98,87

(Data given by supplier)

Thermal hardening treatment:
Estatus: T5

Characteristics hardness min. surface	
Webster	Brinell
10	60

Real hardness
Webster
12

Dimensions and tolerances:
According to drawing and UNE EN 755-9 y UNE EN 12020-2

Surface treatment by lacquering:

The indicated profile has received the White Lacquered RAL 9003 Textured finish and has been tested according to the current QUALICOAT guidelines:

Test	Standard	Characteristics
Thickness	EN ISO 2360	70 ± 10 µm
Adhesion	EN ISO 2409	GT0
Filling test	EN ISO 1520	5mm
Cylindrical folding	EN ISO 1519	5 mm
Buchholz hardness	EN ISO 2815	80
Acetic salt spray	EN ISO 9277	> = 1000 hours
Scratch resistance (Martindale)	QUALICOAT	Residual Gloss 70-90 %
Boiling water resistance	QUALICOAT	No flaws or chipping after 2 hours
Resistance to mortar	QUALICOAT	No change
Gloss @ 60° (lacquered)	EN ISO 2813	5 ± 2
Impact (15.9mm sphere)	EN ISO 6272	2,5 Nm / 22 inch-pound

This powder coating complies with the European Directive 'Restriction of the use of certain hazardous substances' 2011/65/EU - 2015/863/EU (RoHS).

It meets the requirements of AAMA 2603-15 and the requirements of EN 12206-1 and EN 13438.

Classification A2 (non-flammable) with regard to reaction to fire according to EN 13501-1:2018.

We hereby declare that these products are compliant to RoHS 2 Directive 2011/65/EU of the European Parliament and the Council on the restriction of the use of certain hazardous substances in electrical and electronic equipment and its exemptions and to RoHS 3 Commission Delegated Directive (EU) 2015/863 amending Directive 2011/65/EU as regards the list of restricted substances.

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.



Nuño Téllez
CEO

Canovelles, February 2025



LUZ NEGRA, SL

Carles Buhigues, 13 – Poligono Can Castells
08420 Canovelles
Telf: +34 938 402 598
CIF: B60155959