

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: **04.009 / 04.012**

Model: **Led profile Philadelphia silver anodised (L=2m)**
Led profile Philadelphia silver anodised (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 anodised:

The profile in question has received S55 finishing which corresponds to silver anodising (10 Microns) and the corresponding testing has been carried out according to QUALANOD:

Test	Normative	Characteristics
Thickness	UNE-EN-ISO 2360	Int.(5-10) and Ext.(15-25) microns
Weight loss	UNE-EN-12373-7	<= 30 mg/dm ²
Testing with colour drop	UNE-EN-12373-4	0 - 2

Directive 2011/65/EU of the European Parliament and of the Council (RoHS 2 Directive) lays down rules on the restriction of the use of certain hazardous substances in electrical and electronic equipment (EEE) with a view to contributing to the protection of human health and the environment, including the environmentally sound recovery and disposal of waste EEE.

For the purposes of this Directive, the restricted substances and maximum concentration values tolerated by weight in homogeneous materials are:

- Lead: 0,1 %.
- Mercury: 0,1 %.
- Cadmium: 0,01 %.
- Hexavalent chromium: 0,1 %.
- Polybrominated biphenyls (PBB): 0,1 %.
- Polybrominated diphenyl ethers (PBDE): 0,1 %

Applications listed in Annex III and IV to Directive 2011/65/EU are exempted from these restrictions. Commission Delegated Directive (EU) 2015/863 (RoHS 3 Directive) amends Directive 2011/65/EU as regards the list of restricted substances, adding four new substances to the previous list of six.

The new substances added to the list are:

- Bis(2-ethylhexyl) phthalate (DEHP): 0,1 %.
- Butyl benzyl phthalate (BBP): 0,1 %.
- Dibutyl phthalate (DBP): 0,1 %.
- Diisobutyl phthalate (DIBP): 0,1 %.

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

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