



Product Service

Attestation of Conformity

No. N8A 115996 0005 Rev. 01**Holder of Attestation: Sacyr Concesiones S.L.**Calle Condesa de Venadito 7
28027 Madrid
SPAIN**Product: LED Module**

This Attestation of Conformity is issued on a voluntary basis according to the Low Voltage Directive 2014/35/EU relating to electrical equipment designed for use within certain voltage limits. It confirms that the listed equipment complies with the principal protection requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for conformity assessment. For details see: www.tuvsud.com/ps-cert

Test report no.: 6814021063402**Date,** 2022-12-28

(Taylor Yao)

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This Attestation does not replace the regulatory EU Declaration of Conformity (DoC) and does not allow for CE marking. After preparation of the necessary documentation and establishing compliance to requirements of all applicable directives, the manufacturer may sign a DoC and apply the CE marking. The DoC is issued under the sole responsibility of the manufacturer.



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Model(s):

A200a-bc-xx; A202a-bc-xyxy; B205a-bc-xyxy;
 B211a-bc-xyxy; C216a-bc-xyxy; D224a-bc-xyxy;
 E236a-bc-xyxy; A100a-bc-xx; A102a-bc-xyxy;
 B105a-bc-xyxy; B111a-bc-xyxy; C116a-bc-xyxy;
 D124a-bc-xyxy; E136a-bc-xyxy
 ('a' can be 'N', 'L', stands for LED type, N=Nichia
 LED, L=Lumileds LED; 'b' can be 'M', 'T', 'F', stands
 for diffuser cover type, M=Milky, T=Transparent,
 F=Frosted; 'c' can be '0' to '8', stands for different
 beam angle of LED lens, 0= no LED lens, 1= 65x60°,
 2= 160x60°, 3= 120x57°, 4= 140x80°, 5= 150x100°, 6=
 140x140°, 7= 90x90°, 8= 45x45°. 'xx' can be '27',
 '30', '35', '40', '45', '50', '57', stands for LED CCT of
 Circuit P (addition lighting LED module), e.g.
 27=2700K, 57=5700K; 'yy' can be '27', '30', '35', '40',
 '45', '50', '57', stands for LED CCT of Circuit R
 (main lighting LED module), e.g. 27=2700K,
 57=5700K).

Brand:

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Parameters:

Rated Supply Voltage: 80-90VDC
 Rated Supply Current: See below table for details
 Rated Power: See below table for details
 Protection Class: III
 Degree of Protection: IP66
 Blue Light Risk Group: RG1
 Method of Installation: Independent
 ta: 40°C
 tc: See below table for details

Tested according to:

EN IEC 62031:2020/A11:2021
 EN 62493:2015

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Model No.	Rated Supply Current (mA) Max.	Rated Power (W) Max.	tc (°C)
A200a-bc-xx	Circuit P: 175	Circuit P: 15.4	55
A202a-bc-xyyy	Circuit P: 175 Circuit R: 175	Circuit P: 15.4 Circuit R: 16.8	65
B205a-bc-xyyy	Circuit P: 175 Circuit R: 525	Circuit P: 15.4 Circuit R: 50.5	70
B211a-bc-xyyy	Circuit P: 175 Circuit R: 1050	Circuit P: 15.4 Circuit R: 101.0	85
C216a-bc-xyyy	Circuit P: 175 Circuit R: 1650	Circuit P: 15.4 Circuit R: 156.2	90
D224a-bc-xyyy	Circuit P: 175 Circuit R: 2100	Circuit P: 15.4 Circuit R: 202.0	85
E236a-bc-xyyy	Circuit P: 175 Circuit R: 3300	Circuit P: 15.4 Circuit R: 312.3	85
A100a-bc-xx	Circuit P: 117	Circuit P: 11.3	55
A102a-bc-xyyy	Circuit P: 117 Circuit R: 175	Circuit P: 11.3 Circuit R: 16.8	65
B105a-bc-xyyy	Circuit P: 117 Circuit R: 525	Circuit P: 11.3 Circuit R: 50.5	70
B111a-bc-xyyy	Circuit P: 117 Circuit R: 1050	Circuit P: 11.3 Circuit R: 101.0	85
C116a-bc-xyyy	Circuit P: 117 Circuit R: 1650	Circuit P: 11.3 Circuit R: 156.2	90
D124a-bc-xyyy	Circuit P: 117 Circuit R: 2100	Circuit P: 11.3 Circuit R: 202.0	85
E136a-bc-xyyy	Circuit P: 117 Circuit R: 3300	Circuit P: 11.3 Circuit R: 312.3	85

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