

CERTIFICATE

No. U6 115996 0004 Rev. 01

Holder of Certificate: **Sacyr Concesiones S.L.**

Calle Condesa de Venadito 7
28027 Madrid
SPAIN

Certification Mark:

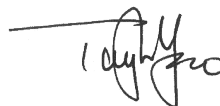


Product: **LED Module**

The product was voluntarily tested according to the listed standards. The product can be marked with the certification mark shown above. It is not permitted to alter the certification mark in any way. In addition, the certificate holder must not transfer the certificate to third parties. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 64142215030002

Date, 2022-12-28



(Taylor Yao)

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Model(s):

A200a-bc-xx; A202a-bc-xyyy; B205a-bc-xyyy;
B211a-bc-xyyy; C216a-bc-xyyy; D224a-bc-xyyy;
E236a-bc-xyyy; A100a-bc-xx; A102a-bc-xyyy;
B105a-bc-xyyy; B111a-bc-xyyy; C116a-bc-xyyy;
D124a-bc-xyyy; E136a-bc-xyyy
(‘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 Name:

SACYR IOHNIC

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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

Production Facility(ies):

078597

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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