



Ref. Certif. No.

SG PSB-LE-04455

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT
(IECEE) CB SCHEME

CB TEST CERTIFICATE

Product	Luminaires for road and street lighting (LED Tunnel Lighting)
Name and address of the applicant	Sacyr Concesiones S.L. Calle Condesa de Venadito 7 28027 Madrid SPAIN
Name and address of the manufacturer	Sacyr Concesiones S.L. Calle Condesa de Venadito 7, 28027 Madrid, SPAIN
Name and address of the factory	Shenzhen Hipower Optronics Co., Ltd. Bldg A, Yinghaosheng Industry Park, No.9, Furui Road, Dayangtian Development Zone, Fuyong Street, Baoan District, 518103 Shenzhen, Guangdong, PEOPLE'S REPUBLIC OF CHINA
Ratings and principal characteristics	Rated Voltage: 200-240VAC Rated Frequency: 50/60Hz Rated Power: See test report for details Protection Class: I Degree of Protection: IP66 Blue Light Risk Group: RG1 ta: 40°C
Model/type Ref.	See page 2
A sample of the product was tested and found to be in conformity with	IEC 60598-1:2020 IEC 60598-2-3:2002 IEC 60598-2-3:2002/AMD1:2011
as shown in the Test Report Ref. No. which forms part of this certificate	211-14210629-000

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This CB Test Certificate is issued by the National Certification Body

CBS 115996 0007 Rev. 00

Date, 2022-09-30

(Taylor Yao)

TÜV SÜD PSB Pte Ltd 15 International Business Park TÜV SÜD @ IBP Singapore 609937



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Trademark / Brand (Image)

SACYR IOHNIC

Models (continued)

IOHNIC-AA-B-CC-DDD

('AA' can be '06' to '12', denotes number of LED modules; 'B' can be '1' or '2', denotes type of circuit P (permanent circuit series), if B=1, then shall be used series LED module: A100a-bc-xx, A102a-bc-xyxy, B105a-bc-xyxy, B111a-bc-xyxy, C116a-bc-xyxy, D124a-bc-xyxy, E136a-bc-xyxy; if B=2, then shall be used series LED module: A200a-bc-xx, A202a-bc-xyxy, B205a-bc-xyxy, B211a-bc-xyxy, C216a-bc-xyxy, D224a-bc-xyxy, E236a-bc-xyxy; 'CC' can be '05' to '18', in step of 1, 05=5W, 18=18W, denotes average power of circuit P of single LED module (permanent circuit series); 'DDD' can be '000' to '330', in step of 2, 000=0W (no circuit R), 330=330W, denotes average power of circuit R of single LED module (reinforcement circuit series).)

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