



Ref. Certif. No.

SG PSB-LE-04137M1

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

CB TEST CERTIFICATE

Product	LED Module
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 Optonics 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 Supply Voltage: 80-90VDC Rated Supply Current: See test report for details Rated Power: See test report for details Protection Class: III Degree of Protection: IP66 Blue Light Risk Group: RG1 Method of Installation: Independent ta: 40°C tc: See test report for details
Model/type Ref.	See page 2
Additional information (if necessary)	Certificate SG PSB-LE-04137 issued on 2022-05-17 is replaced by this version due to technical changes.
A sample of the product was tested and found to be in conformity with	IEC 62031:2018
as shown in the Test Report Ref. No. which forms part of this certificate	211-14210634-100

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This CB Test Certificate is issued by the National Certification Body

CBS 115996 0002 Rev. 01

Date, 2022-12-28

(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)

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).

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