



Ref. Certif. No.

SG PSB-LE-00132

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

SYSTEME CEI D'ACCEPTATION MUTUELLE DE CERTIFICATS D'ESSAIS DES EQUIPEMENTS ELECTRIQUES (IECEE)METHODE OC

CB TEST CERTIFICATE CERTIFICAT D'ESSAI OC

Product
Produit

LED Module

Name and address of the applicant
Nom et adresse du demandeur

Hangzhou Hpwinner Opto. Corporation
No.18 Kangzhong Road, Gongshu District
310015 Hangzhou City, Zhejiang Province, PEOPLE'S REPUBLIC OF CHINA

Name and address of the manufacturer
Nom et adresse du fabricant

Hangzhou Hpwinner Opto. Corporation
No.18 Kangzhong Road, Gongshu District, 310015 Hangzhou City, Zhejiang Province, PEOPLE'S REPUBLIC OF CHINA

Name and address of the factory
Nom et adresse de l'usine

Hangzhou Hpwinner Opto. Corporation
No.18 Kangzhong Road, Gongshu District, 310015 Hangzhou City, Zhejiang Province, PEOPLE'S REPUBLIC OF CHINA

Ratings and principal characteristics
Valeurs nominales et caractéristiques principales

Rated voltage:	See attachment
Rated current:	See attachment
Rated power:	See attachment
Protection Class:	III
Degree of protection:	IP 68
tc:	90°C
ta:	50°C

Model/type Ref.
Ref. de type

M1A-14, M1A-16, M1A-18, M2A-14, M2A-16, M2A-18, M5A-14, M5A-16, M6A-9, M8B-63, M8B-64, M11A-24, M16B-28, M16B-18, M16B-16, M16A-28, M16A-18, M16A-16, M16C-28, M16C-18, M16C-16, M16D-28, M16D-18, M16D-16

Additional information (if necessary)
Information complémentaire (si nécessaire)

Comply with IEC 62493(ed.2)

A sample of the product was tested and found to be in conformity with
Un échantillon de ce produit a été essayé et a été considéré conforme à la

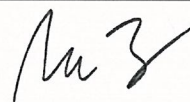
IEC 62031(ed.1);am1;am2
IEC 62471(ed.1)

as shown in the Test Report Ref. No. which forms part of this certificate
comme indiqué dans le Rapport d'essais numéro de référence qui constitue une partie de ce certificat

TÜV SÜD PSB Pte Ltd
083-1612908-000

This CB Test Certificate is issued by the National Certification Body
Ce Certificat d'essai OC est établi par l'Organisme **National de Certification**

Date, 2016-08-18
CBS 16 08 82150 058


(Na Zhang)



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Model	Ratings	Numbers of LED chips
M1A-14	Max. 1.05 A, Max. 40 W, Max. 47 V d.c.	14
M1A-16	Max. 1.05 A, Max. 50 W, Max. 54 V d.c.	16
M1A-18	Max. 1.05 A, Max. 60 W, Max. 61 V d.c.	18
M2A-14	Max. 1.05 A, Max. 40 W, Max. 47 V d.c.	14
M2A-16	Max. 1.05 A, Max. 50 W, Max. 54 V d.c.	16
M2A-18	Max. 1.05 A, Max. 60 W, Max. 61 V d.c.	18
M5A-14	Max. 1.05 A, Max. 40 W, Max. 47 V d.c.	14
M5A-16	Max. 1.05 A, Max. 50 W, Max. 54 V d.c.	16
M6A-9	Max. 1.05 A, Max. 30 W, Max. 30 V d.c.	9
M8B-63	Max. 1.05 A, Max. 60 W, Max. 61 V d.c.	63
M8B-64	Max. 2.3 A, Max. 60 W, Max. 27 V d.c.	64
M11A-24	Max. 0.75 A, Max. 20 W, Max. 27 V d.c.	24
M16B-28	Max. 1.2 A, Max. 60 W, Max. 58 V d.c.	28
M16B-18	Max. 1.2 A, Max. 60 W, Max. 58 V d.c.	18
M16B-16	Max. 1.2 A, Max. 60 W, Max. 58 V d.c.	16
M16A-28	Max. 1.2 A, Max. 60 W, Max. 58 V d.c.	28
M16A-18	Max. 1.2 A, Max. 60 W, Max. 58 V d.c.	18

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Signature : (Na Zhang)



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M16A-16	Max. 1.2 A, Max. 60 W, Max. 58 V d.c.	16
M16C-28	Max. 0.85 A, Max. 40 W, Max. 58 V d.c.	28
M16C-18	Max. 0.85 A, Max. 40 W, Max. 58 V d.c.	18
M16C-16	Max. 0.85 A, Max. 40 W, Max. 58 V d.c.	16
M16D-28	Max. 0.85 A, Max. 40 W, Max. 58 V d.c.	28
M16D-18	Max. 0.85 A, Max. 40 W, Max. 58 V d.c.	18
M16D-16	Max. 0.85 A, Max. 40 W, Max. 58 V d.c.	16

Date, 2016-08-18
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Signature : (Na Zhang)



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