

Union Elecom Co., Ltd.  
Mr. Se-Hwan Cho, ##  
R&D  
(Chunui Techno Park 1st 1207~1211)  
200-1m Chunui-dong, Wonmi-gu,  
Bucheon, Gyeonggi-do 420-857  
Rep. of Korea

Date : 14.06.2018  
Our ref. : HSO ZJ  
Your ref.: Mr. SH Cho

**Ref : CB Certificate Japan**

Type of Equipment : LED Converter  
Model Designation : See Certificate  
Certificate No. : JPTUV-088436  
Report No. : 50145596 001

Dear Mr. Se-Hwan Cho,

Thank you very much for your interest in our services.

Please find enclosed your certification documents.

We appreciate your support and would like to offer our assistance in the approval of your future products through our extensive range of technical services.

Please feel free to contact us whatever your requirements may be.

With kind regards,

Certification Body



Young-Yul Hwang

CC: Union Elecom Co., Ltd.

Enclosure



Ref. Certif. No.

JPTUV-088436

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST  
CERTIFICATES FOR ELECTRICAL EQUIPMENT  
(IECEE) CB SCHEMESYSTEME CEI D'ACCEPTATION MUTUELLE DE  
CERTIFICATS D'ESSAIS DES EQUIPEMENTS  
ELECTRIQUES (IECEE) METHODE OC

## CB TEST CERTIFICATE

## CERTIFICAT D'ESSAI OC

Product  
Produit

LED Converter

Name and address of the applicant  
Nom et adresse du demandeurUnion Elecom Co., Ltd.  
(Chunui Techno Park 1st 1207~1211)  
200-1m Chunui-dong, Wonmi-gu, Bucheon, Gyeonggi-do 420-857,  
Rep. of KoreaName and address of the manufacturer  
Nom et adresse du fabricantUnion Elecom Co., Ltd.  
(Chunui Techno Park 1st 1207~1211)  
200-1m Chunui-dong, Wonmi-gu, Bucheon, Gyeonggi-do 420-857,  
Rep. of KoreaName and address of the factory  
Nom et adresse de l'usineUnion Elecom Co., Ltd.  
(Chunui Techno Park 1st 1207~1211)  
200-1m Chunui-dong, Wonmi-gu, Bucheon, Gyeonggi-do 420-857,  
Rep. of KoreaRatings and principal characteristics  
Valeurs nominales et caractéristiques principalesInput : AC 100-277 V; 50/60 Hz; 2 A; 175 W; Class I  
Output : refer to the test reportTrademark (if any)  
Marque de fabrique (si elle existe)

UNION

Type of Manufacturer's Testing Laboratories used  
Type de programme du laboratoire d'essais constructeur

N/A

Model / Type Ref.  
Ref. de type1) UPF150SxxCQH<sub>y</sub> (xx=12,24,36,48 or 60; y=blank or D)  
2) UPF150SxxWQ (xx=12 or 24)Additional information (if necessary may also be  
reported on page 2)  
Les informations complémentaires (si nécessaire,  
peuvent être indiqués sur la 2<sup>ème</sup> page)

For model differences, refer to the test report.

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 laIEC 61347-2-13:2014+A1  
IEC 61347-1:2015As 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 partie de ce Certificat

50145596 001

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

TÜVRheinland®

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Yokohama 224-0021 Japan  
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Fax + 81 45 914-3354  
Mail: info@jpn.tuv.com  
Web: www.tuv.com

Date: 14.06.2018

Signature:

Young-Yul Hwang