

CERTIFICATE OF COMPLIANCE

Certificate Number UL-US-L473379 -92-80709102-2
Report Reference E473379-20190708
Date 21-Aug-2023

Issued to: HAFELE ENGINEERING ASIA LTD
RM 1905
NAN FUNG CENTRE
CASTLE PEAK ROAD
TSUEN WAN
Hong Kong

This is to certify that representative samples of IFDR - Low-voltage Lighting Systems, Power Units, Luminaires and Fittings
See Addendum Page for Product Designation(s).

Have been evaluated by UL in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 2108, Edition 2, Issue Date 2015-12-07, Revision Date 2023-04-18

Additional Information: See the UL Online Certifications Directory at <https://iq.ulprospector.com> for additional information

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.


Deborah Jennings-Conner, VP Regulatory Services
UL LLC



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This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements

Model	Category Description
LED2059, may be followed with /X/Y/C/B	Low Voltage Lighting Systems
LED2063, , may follow with /X/Y/C/B	LED Low Voltage Luminaires, Flexible Strip, Class 2 Luminaires
LED2090, , may follow with /X/Y/C/B	LED Low Voltage Luminaires, Class 2 Luminaires
LED2091, , may follow with /X/Y/C/B	LED Low Voltage Luminaires, Class 2 Luminaires
LED2092, , may follow with /X/Y/C/B	LED Low Voltage Luminaires, Class 2 Luminaires
LED3042, , may follow with /X/Y/C/B	LED Low Voltage Luminaires, Flexible Strip, Class 2 Luminaires
LED3043, , may follow with /X/Y/C/B	LED Low Voltage Luminaires, Flexible Strip, Class 2 Luminaires
LED3045, , may follow with /X/Y/C/B	LED Low Voltage Luminaires, Flexible Strip, Class 2 Luminaires
LED3046, , may follow with /X/Y/C/B	LED Low Voltage Luminaires, Flexible Strip, Class 2 Luminaires
LED3048, , may follow with /X/Y/C/B	LED Low Voltage Luminaires, Flexible Strip, Class 2 Luminaires
LED3059, may be followed with /X/Y/C/B	Low Voltage Lighting Systems
LED3090, , may follow with /X/Y/C/B	LED Low Voltage Luminaires, Class 2 Luminaires
LED3091, , may follow with /X/Y/C/B	LED Low Voltage Luminaires, Class 2 Luminaires
LED3092, , may follow with /X/Y/C/B	LED Low Voltage Luminaires, Class 2 Luminaires


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CASTLE PEAK ROAD
TSUEN WAN
Hong Kong

This is to certify that representative samples of IFDR7 - Low-voltage Lighting Systems, Power Units, Luminaires and Fittings Certified for Canada
See Addendum Page for Product Designation(s).

Have been evaluated by UL in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety: CSA C22.2 NO. 250.2, 1st Ed., Issue Date: 2020-01-01

Additional Information: See the UL Online Certifications Directory at <https://iq.ulprospector.com> for additional information

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LED2091, , may follow with /X/Y/C/B	LED Low Voltage Luminaires, Class 2 Luminaires
LED2092, , may follow with /X/Y/C/B	LED Low Voltage Luminaires, Class 2 Luminaires
LED3042, , may follow with /X/Y/C/B	LED Low Voltage Luminaires, Flexible Strip, Class 2 Luminaires
LED3043, , may follow with /X/Y/C/B	LED Low Voltage Luminaires, Flexible Strip, Class 2 Luminaires
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LED3048, , may follow with /X/Y/C/B	LED Low Voltage Luminaires, Flexible Strip, Class 2 Luminaires
LED3059, may be followed with /X/Y/C/B	Low Voltage Lighting Systems
LED3090, , may follow with /X/Y/C/B	LED Low Voltage Luminaires, Class 2 Luminaires
LED3091, , may follow with /X/Y/C/B	LED Low Voltage Luminaires, Class 2 Luminaires
LED3092, , may follow with /X/Y/C/B	LED Low Voltage Luminaires, Class 2 Luminaires


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