Certificate of Compliance

Certificate Number:

UL-US-2408157-0

Report Reference:

E473379-20240301

Issue Date:

2024-03-01

Issued to:

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

This certificate confirms 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.

UL 2108, Edition 2, Issue Date 2015-12-07, Revision Date 2023-04-18

Additional Information:
See UL Product iQ® 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.

David Piecuch
UL Mark Certification Program Manager

CERTIFICATE OF COMPLIANCE

Certificate number   UL-US-2408157-0
Report reference   E473379-20240301
Date   2024-03-01

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

Model	Product Description
LED2069/*/*/*/*, Where the first "*" represents the CCT of LED which can be 4 digit numbers means 2700K-6500K, the second "*" represents the color of enclosure with letters, which can be "WH", "ANOD", "BRS", "BZS", "P", "UNFIN", "BURN", "ZIP", "FR", "SIG", "TRANS", "CHRP", "NIP", "BLK", "NI MATT", "NI", "POL", "GO", "CLR", "GRN", "YEL", "SIV", "BLU", "RED" or other color/finishes may be added as required, the third "*" represents the length of products with 3 or 4 or 5 numbers, which can be 000-50000 (unit: mm), the last "*" represents the length of lead wire with 4 number, which can be 0000-2000 (unit: mm).	Low Voltage Lighting Systems
LED2103/*/*/*/*, Where the first "*" represents the CCT of LED which can be 4 digit numbers means 2700K-6500K, the second "*" represents the color of enclosure with letters, which can be "WH", "ANOD", "BRS", "BZS", "P", "UNFIN", "BURN", "ZIP", "FR", "SIG", "TRANS", "CHRP", "NIP", "BLK", "NI MATT", "NI", "POL", "GO", "CLR", "GRN", "YEL", "SIV", "BLU", "RED" or other color/finishes may be added as required, the third "*" represents the length of products with 3 or 4 or 5 numbers, which can be 000-50000 (unit: mm), the last "*" represents the length of lead wire with 4 number, which can be 0000-2000 (unit: mm).	Low Voltage Lighting Systems
LED2104/*/*/*/*, Where the first "*" represents the CCT of LED which can be 4 digit numbers means 2700K-6500K, the second "*" represents the color of enclosure with letters, which can be "WH", "ANOD", "BRS", "BZS", "P", "UNFIN", "BURN", "ZIP", "FR", "SIG", "TRANS", "CHRP", "NIP", "BLK", "NI MATT", "NI", "POL", "GO", "CLR", "GRN", "YEL", "SIV", "BLU", "RED" or other color/finishes may be added as required, the third "*" represents the length of products with 3 or 4 or 5 numbers, which can be 000-50000 (unit: mm), the last "*" represents the length of lead wire with 4 number, which can be 0000-2000 (unit: mm).	Low Voltage Lighting Systems
LED3064/*/*/*/*, Where the first "*" represents the CCT of LED which can be 4 digit numbers means 2700K-6500K, the second "*" represents the color of enclosure with letters, which can be "WH", "ANOD", "BRS", "BZS", "P", "UNFIN", "BURN", "ZIP", "FR", "SIG", "TRANS", "CHRP",	Low Voltage Lighting Systems

David Piecuch
UL Mark Certification Program Manager

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Certificate number   UL-US-2408157-0
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"NIP", "BLK", "NI MATT", "NI", "POL", "GO", "CLR", "GRN", "YEL", "SIV", "BLU", "RED" or other color/finishes may be added as required, the third "*" represents the length of products with 3 or 4 or 5 numbers, which can be 000-50000 (unit: mm), the last "*" represents the length of lead wire with 4 number, which can be 0000-2000 (unit: mm).	
LED3103/*/*/*/*, Where the first "*" represents the CCT of LED which can be 4 digit numbers means 2700K-6500K, the second "*" represents the color of enclosure with letters, which can be "WH", "ANOD", "BRS", "BZS", "P", "UNFIN", "BURN", "ZIP", "FR", "SIG", "TRANS", "CHRP", "NIP", "BLK", "NI MATT", "NI", "POL", "GO", "CLR", "GRN", "YEL", "SIV", "BLU", "RED" or other color/finishes may be added as required, the third "*" represents the length of products with 3 or 4 or 5 numbers, which can be 000-50000 (unit: mm), the last "*" represents the length of lead wire with 4 number, which can be 0000-2000 (unit: mm).	Low Voltage Lighting Systems
LED3104/*/*/*/*, Where the first "*" represents the CCT of LED which can be 4 digit numbers means 2700K-6500K, the second "*" represents the color of enclosure with letters, which can be "WH", "ANOD", "BRS", "BZS", "P", "UNFIN", "BURN", "ZIP", "FR", "SIG", "TRANS", "CHRP", "NIP", "BLK", "NI MATT", "NI", "POL", "GO", "CLR", "GRN", "YEL", "SIV", "BLU", "RED" or other color/finishes may be added as required, the third "*" represents the length of products with 3 or 4 or 5 numbers, which can be 000-50000 (unit: mm), the last "*" represents the length of lead wire with 4 number, which can be 0000-2000 (unit: mm).	Low Voltage Lighting Systems
LED3105/*/*/*/*, Where the first "*" represents the CCT of LED which can be 4 digit numbers means 2700K-6500K, the second "*" represents the color of enclosure with letters, which can be "WH", "ANOD", "BRS", "BZS", "P", "UNFIN", "BURN", "ZIP", "FR", "SIG", "TRANS", "CHRP", "NIP", "BLK", "NI MATT", "NI", "POL", "GO", "CLR", "GRN", "YEL", "SIV", "BLU", "RED" or other color/finishes may be added as required, the third "*" represents the length of products with 3 or 4 or 5 numbers, which can be 000-50000 (unit: mm), the last "*" represents the length of lead wire with 4 number, which can be 0000-2000 (unit: mm).	Low Voltage Lighting Systems

David Piecuch
UL Mark Certification Program Manager

Certificate of Compliance

Certificate Number:

UL-CA-2407173-0

Report Reference:

E473379-20240301

Issue Date:

2024-03-01

Issued to:

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

This certificate confirms 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.

CSA C22.2 NO. 250.2, 1st Ed., Issue Date: 2020-01-01

Additional Information:
See UL Product iQ® at https://iq.ulprospector.com for additional information.

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Look for the UL Certification Mark on the product.

David Piecuch
UL Mark Certification Program Manager

CERTIFICATE OF COMPLIANCE

Certificate number	UL-CA-2407173-0
Report reference	E473379-20240301
Date	2024-03-01

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

Model	Product Description
LED2069/*/*/*/*, Where the first "*" represents the CCT of LED which can be 4 digit numbers means 2700K-6500K, the second "*" represents the color of enclosure with letters, which can be "WH", "ANOD", "BRS", "BZS", "P", "UNFIN", "BURN", "ZIP", "FR", "SIG", "TRANS", "CHRP", "NIP", "BLK", "NI MATT", "NI", "POL", "GO", "CLR", "GRN", "YEL", "SIV", "BLU", "RED" or other color/finishes may be added as required, the third "*" represents the length of products with 3 or 4 or 5 numbers, which can be 000-50000 (unit: mm), the last "*" represents the length of lead wire with 4 number, which can be 0000-2000 (unit: mm).	Low Voltage Lighting Systems
LED2103/*/*/*/*, Where the first "*" represents the CCT of LED which can be 4 digit numbers means 2700K-6500K, the second "*" represents the color of enclosure with letters, which can be "WH", "ANOD", "BRS", "BZS", "P", "UNFIN", "BURN", "ZIP", "FR", "SIG", "TRANS", "CHRP", "NIP", "BLK", "NI MATT", "NI", "POL", "GO", "CLR", "GRN", "YEL", "SIV", "BLU", "RED" or other color/finishes may be added as required, the third "*" represents the length of products with 3 or 4 or 5 numbers, which can be 000-50000 (unit: mm), the last "*" represents the length of lead wire with 4 number, which can be 0000-2000 (unit: mm).	Low Voltage Lighting Systems
LED2104/*/*/*/*, Where the first "*" represents the CCT of LED which can be 4 digit numbers means 2700K-6500K, the second "*" represents the color of enclosure with letters, which can be "WH", "ANOD", "BRS", "BZS", "P", "UNFIN", "BURN", "ZIP", "FR", "SIG", "TRANS", "CHRP", "NIP", "BLK", "NI MATT", "NI", "POL", "GO", "CLR", "GRN", "YEL", "SIV", "BLU", "RED" or other color/finishes may be added as required, the third "*" represents the length of products with 3 or 4 or 5 numbers, which can be 000-50000 (unit: mm), the last "*" represents the length of lead wire with 4 number, which can be 0000-2000 (unit: mm).	Low Voltage Lighting Systems
LED3064/*/*/*/*, Where the first "*" represents the CCT of LED which can be 4 digit numbers means 2700K-6500K, the second "*" represents the color of enclosure with letters, which can be "WH", "ANOD", "BRS", "BZS", "P",	Low Voltage Lighting Systems

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"UNFIN", "BURN", "ZIP", "FR", "SIG", "TRANS", "CHRP", "NIP", "BLK", "NI MATT", "NI", "POL", "GO", "CLR", "GRN", "YEL", "SIV", "BLU", "RED" or other color/finishes may be added as required, the third "*" represents the length of products with 3 or 4 or 5 numbers, which can be 000-50000 (unit: mm), the last "*" represents the length of lead wire with 4 number, which can be 0000-2000 (unit: mm).	
LED3103/*/*/*/*, Where the first "*" represents the CCT of LED which can be 4 digit numbers means 2700K-6500K, the second "*" represents the color of enclosure with letters, which can be "WH", "ANOD", "BRS", "BZS", "P", "UNFIN", "BURN", "ZIP", "FR", "SIG", "TRANS", "CHRP", "NIP", "BLK", "NI MATT", "NI", "POL", "GO", "CLR", "GRN", "YEL", "SIV", "BLU", "RED" or other color/finishes may be added as required, the third "*" represents the length of products with 3 or 4 or 5 numbers, which can be 000-50000 (unit: mm), the last "*" represents the length of lead wire with 4 number, which can be 0000-2000 (unit: mm).	Low Voltage Lighting Systems
LED3104/*/*/*/*, Where the first "*" represents the CCT of LED which can be 4 digit numbers means 2700K-6500K, the second "*" represents the color of enclosure with letters, which can be "WH", "ANOD", "BRS", "BZS", "P", "UNFIN", "BURN", "ZIP", "FR", "SIG", "TRANS", "CHRP", "NIP", "BLK", "NI MATT", "NI", "POL", "GO", "CLR", "GRN", "YEL", "SIV", "BLU", "RED" or other color/finishes may be added as required, the third "*" represents the length of products with 3 or 4 or 5 numbers, which can be 000-50000 (unit: mm), the last "*" represents the length of lead wire with 4 number, which can be 0000-2000 (unit: mm).	Low Voltage Lighting Systems
LED3105/*/*/*/*, Where the first "*" represents the CCT of LED which can be 4 digit numbers means 2700K-6500K, the second "*" represents the color of enclosure with letters, which can be "WH", "ANOD", "BRS", "BZS", "P", "UNFIN", "BURN", "ZIP", "FR", "SIG", "TRANS", "CHRP", "NIP", "BLK", "NI MATT", "NI", "POL", "GO", "CLR", "GRN", "YEL", "SIV", "BLU", "RED" or other color/finishes may be added as required, the third "*" represents the length of products with 3 or 4 or 5 numbers, which can be 000-50000 (unit: mm), the last "*" represents the length of lead wire with 4 number, which can be 0000-2000 (unit: mm).	Low Voltage Lighting Systems

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