

Certificate of Compliance

Certificate Number:

[E540692]

Report Reference:

E540692-20240412

Issue Date:

2025-APRIL-07

Issued to:

**LEDYI LIGHTING (HK) CO.,LTD
Unit 1507c, 15/F, Eastcore
398 Kwun Tong Road KWUN TONG
KI HK**

This certificate confirms that representative samples of:

**LOW-VOLTAGE LIGHTING SYSTEMS,
POWER UNITS, LUMINAIRES AND FITTINGS**

See addendum page for Model/Product

Has been evaluated by UL LLC in accordance with Standard(s) for Safety:

[See addendum page for Standard No. & Title]

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 Owner



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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.

Standards :
UL 2108 - Low Voltage Lighting Systems
CSA C22.2 No. 250.0-18 - Luminaires

Models :
Low Voltage Luminaries, Surface mounted, LED stripe light
LY-X2422WWHH67 [%], LY-X2428WWHH67 [%], LY-X2440WWHH67 [%], LY-X2450WWHH67 [%], LY-R1213X [^], [%] - LY - X 24 XX WW HH 67, I II III IV V VI VII

I: "LY" represents company series number. II: Represent LED color, may be replace by "A" means 2100K, "E" means 2400K, "W" means 2700K, "S" means 3000K, "F" means 3500K, "C" means 4000K, "N" means 5000K, "D" means 6000K, "SK" means 10000K, "R" means Red, "G" means Green, "B" means Blue, "P" means Pink, "T" means Color Tunable, "RGB" means integrate of Red, Green and Blue, "RGBW" means integrate of Red, Green, Blue and Warm White, "RGBD" means integrate of Red, Green Blue and Daylight, "RGBT" means integrate of Red, Green, Blue and Color Tunable.,
III: "24" represents input voltage 24Vdc. IV: Represent LED type, may be replace by "22" means 2216, "28" means 2835, "40" means 4040, "50" means 5050. V: Represent the width of LED stripe, may be digits from 06 to 30. VI: Represent the height of LED stripe, may be digits from 06 to 32.
VII: "67" represents water proof method.

[^] - For Model Serie LY-R1213X
"LY" and "X" represent the same meaning as above.
"R" represents rigid LED bar.
"1213" represents product width 12 mm, height 13 mm

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Low Voltage Luminaries, Surface mounted, LED stripe light –

LY-X2422WWHHZZ (b), LY-X2428WWHHZZ (b), LY-X2440WWHHZZ (b), LY-X2450WWHHZZ (b)

(b) - I: “LY” represents company series number: II: “X” represent LED color temperature or LED color, it may be “18”=1800K, “21”=2100K, “24”=2400K, “27”=2700K, “30”=3000K, “35”=3500K, “40”=4000K, “50”=5000K, “65”=6500K, “RD”=Red, “GN”=Green, “BU”=Blue, “YE”=Yellow, “AM”=Amber, “OG”=Orange, “PK”=Pink, “C2”=Dual color temperature, “C3”=RGB, “C4”=RGBW, “C5”=RGBCW: III: “24” represents input voltage 24Vdc. “12” represents input voltage 12Vdc: IV: Represent LED type, may be replace by “22” means 2216, “28” means 2835, “40” means 4040, “50” means 5050, “CB” means COB. V: Represent the width of LED stripe, may be digits from 03 to 99: VI: Represent the height of LED stripe, may be digits from 06 to 50: VII: “ZZ” represents water proof method. It can be “54”=IP54, “65”=IP65, “67”=IP67, “68”=IP68. It is a code only, we have not evaluated the IP rating.

Low Voltage Luminaries, Surface mounted, LED stripe light –

LY-R1213X24 (d)

(d) - “LY” and “X” represent the same meaning as above. “R” represents rigid LED bar. “1213” represents product width 12 mm, height 13 mm. “24” or “12” represents input voltage 24Vdc or 12Vdc.

Low-voltage Luminaire –

LY-X1222WWHHZZ (f), LY-X1228WWHHZZ (f), LY-X1240WWHHZZ (f), LY-X1250WWHHZZ (f), LY-X12CBWWHHZZ (f), LY-X24CBWWHHZZ (f).

(f) - I: “LY” represents company series number: II: “X” represent LED color temperature or LED color, it may be “18”=1800K, “21”=2100K, “24”=2400K, “27”=2700K, “30”=3000K, “35”=3500K, “40”=4000K, “50”=5000K, “65”=6500K, “RD”=Red, “GN”=Green, “BU”=Blue, “YE”=Yellow, “AM”=Amber, “OG”=Orange, “PK”=Pink, “C2”=Dual color temperature, “C3”=RGB, “C4”=RGBW, “C5”=RGBCW. III: “24” represents input voltage 24Vdc. “12” represents input voltage 12Vdc: IV: Represent LED type, may be replace by “22” means 2216, “28” means 2835, “40” means 4040, “50” means 5050, “CB” means COB: V: Represent the width of LED stripe, may be digits from 03 to 99: VI: Represent the height of LED stripe, may be digits from 06 to 50: VII: “ZZ” represents water proof method. It can be “54”=IP54, “65”=IP65, “67”=IP67, “68”=IP68. It is a code only, we have not evaluated the IP rating.

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Low-voltage Luminaire –

LY-R1213X12 (h), LY-SAUNAXX2428WWHHZZ (j), LY-SAUNAXX2450WWHHZZ (j).

(h) - “LY” and “X” represent the same meaning as above. “R” represents rigid LED bar. “1213” represents product width 12 mm, height 13 mm. “24” or “12” represents input voltage 24Vdc or 12Vdc.

(j) - I: “LY” represents company number. II: “SAUNA” represents SAUNA series. III: “XX” represents color temperature or light color, it can be any two digits or letters. “18”=1800K, “21”=2100K, “24”=2400K, “27”=2700K, “30”=3000K, “35”=3500K, “40”=4000K, “50”=5000K, “65”=6500K, “RD”=Red, “GN”=Green, “BU”=Blue, “YE”=Yellow, “OG”=Orange, “PK”=Pink, “C2”=CCT Tunable, “C3”=RGB, “C4”=RGBW, “C5”=RGBCW. IV: “24” represents input voltage 24Vdc. V: “YY” represents LED type, it can be “28”=2835, “50”=5050. VI: “WW” represents the width of Housing. For example, “10” means 10mm wide. It is two digits “10-30”. VII: “HH” represents the height of Housing. For example, “05” represents 5mm wide. It is two digits “05-20”. VIII: “ZZ” represents water proof type, it can be “54”=IP54, “65”=IP65, “67”=IP67, “68”=IP68. It is a code only, we have not evaluated the IP rating.

LY-WXX2413KKHH (l), LY-WXX2428KKHH (l), LY-WXX24354839 (l), LY-WXX2450KKHH (l)

(l) - I: “SK” represents company number. II: “W” represents wall washer light series. III: “XX” represents LED color temperature or light color, it can be “18”=1800K, “21”=2100K, “24”=2400K, “27”=2700K, “30”=3000K, “35”=3500K, “40”=4000K, “50”=5000K, “65”=6500K, “RD”=Red, “Gn”=Green, “BU”=Blue, “YE”=Yellow, “AM”=Amber, “OG”=Orange, “PK”=Pink, “C2”=CCT Tunable, “C3”=RGB, “C4”=RGBW, “C5”=RGBCW. IV: “24” represents input voltage 24Vdc. V: “YY” represents LED type, it can be “28”=2835, “13”=1313, “50”=5050RGBW, “35”=3535 or 3535RGBW. VI: “KK” represents the width of Housing. For example, “16” means 16mm wide. For SK-WXX2428KKHH series, it is two digits “16-60”. For SK-WXX2413KKHH series, SK-WXX2450KKHH series, it is two digits “20-60”. For SKWXX24354839. series, SK-WXX24354839 series, it is “48”. VII: “HH” represents the height of Housing. For example, “09” represents 9mm wide. For SK-WXX2428KKHH series, it is two digits “09-60”. For SK-WXX2413KKHH series, SK-WXX2450KKHH series, it is two digits “12-60”. For SKWXX24354839, series, it is “39”.

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Low-voltage Luminaire –

LY-AAA2010BBCCDDWWZZ (n)

Note: (n) - LY-AAA2010BBCCDDWWZZ series, I: “LY” represents company number. II: “AAA” represents LED quantity per meter. For LY-AAA2835BBCCDDWWZZ series: “AAA” can be any three digits between “010-480” per meter. For LY-AAA2010BBCCDDWWZZ series: “AAA” can be any three digits between “010-720” per meter. For LY-AAA5050BBCCDDWWZZ series: “AAA” can be any three digits between “010-120” per meter. III: “XXXX” represent LED type, it can be “2835”, “2010”, “5050”. IV: “BB” represents input voltage, it can be “12” or “24” or “48”, represents 12Vdc or 24Vdc or 48Vdc. V: “CC” represents input wattage per meter, it can be any two digits no more than “30”, for example, “30” represent 30W. For LY-AAA2835BBCCDDWWZZ series: When “AAA” is no more than “480” and “WW” is not less than “05”, “CC” can be any two digits no more than “16”. When “AAA” is no more than “280” and “WW” is not less than “08”, “CC” can be any two digits no more than “24”. When “AAA” is no more than “480” and “WW” is not less than “15”, “CC” can be any two digits no more than “30”. For LY-AAA2010BBCCDDWWZZ series: “CC” can be any two digits no more than “20”. For LY-AAA5050BBCCDDWWZZ series: “CC” can be any two digits no more than “24”. VI: “DD” represents color temperature or light color, it can be any two digits or letters. VII: “WW” represents PWB width, it can be any two digits not less than “05”, for example, “05” represents 5mm wide. For LY-AAA2835BBCCDDWWZZ series: When “AAA” is no more than “180”, “WW” is not less than “05”. When “AAA” is more than “280” and no more than “480”, “WW” is not less than “08”. When “AAA” is no more than “480”, “WW” is not less than “15”. For LY-AAA2010BBCCDDWWZZ series: “WW” is not less than “08”. For LY-AAA5050BBCCDDWWZZ series: “WW” is not less than “08”. VIII: “ZZ” represents water proof type, it can be “20”=IP20, “54”=IP54, “65”=IP65, “67”=IP67, “68”=IP68.

LY-AAA2835BBCCDDWWZZ (p)

(p) - LY-AAA2835BBCCDDWWZZ series, I: “LY” represents company number. II: “AAA” represents LED quantity per meter. For LY-AAA2835BBCCDDWWZZ series: “AAA” can be any three digits between “010-480” per meter. For LY-AAA2010BBCCDDWWZZ series: “AAA” can be any three digits between “010-720” per meter. For LY-AAA5050BBCCDDWWZZ series: “AAA” can be any three digits between “010-120” per meter. III: “XXXX” represent LED type, it can be “2835”, “2010”, “5050”. IV: “BB” represents input voltage, it can be “12” or “24” or “48”, represents 12Vdc or 24Vdc or 48Vdc. V: “CC” represents input wattage per meter, it can be any two digits no more than “30”, for example, “30” represent 30W. For LY-AAA2835BBCCDDWWZZ series: When “AAA” is no more than “480” and “WW” is not less than “05”, “CC” can be any two digits no more than “16”. When “AAA” is no more than “280”

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and “WW” is not less than “08”, “CC” can be any two digits no more than “24”. When “AAA” is no more than “480” and “WW” is not less than “15”, “CC” can be any two digits no more than “30”. For LY-AAA2010BBCCDDWWZZ series: “CC” can be any two digits no more than “20”. For LY-AAA5050BBCCDDWWZZ series: “CC” can be any two digits no more than “24”. VI: “DD” represents color temperature or light color, it can be any two digits or letters. VII: “WW” represents PWB width, it can be any two digits not less than “05”, for example, “05” represents 5mm wide. For LY-AAA2835BBCCDDWWZZ series: When “AAA” is no more than “180”, “WW” is not less than “05”. When “AAA” is more than “280” and no more than “480”, “WW” is not less than “08”. When “AAA” is no more than “480”, “WW” is not less than “15”. For LY-AAA2010BBCCDDWWZZ series: “WW” is not less than “08”. For LY-AAA5050BBCCDDWWZZ series: “WW” is not less than “08”. VIII: “ZZ” represents water proof type, it can be “20”=IP20, “54”=IP54, “65”=IP65, “67”=IP67, “68”=IP68.

Low-voltage Luminaire –

LY-AAA5050BBCCDDWWZZ (r)

Note (r) - LY-AAA5050BBCCDDWWZZ series, I: “LY” represents company number. II: “AAA” represents LED quantity per meter. For LY-AAA2835BBCCDDWWZZ series: “AAA” can be any three digits between “010-480” per meter. For LY-AAA2010BBCCDDWWZZ series: “AAA” can be any three digits between “010-720” per meter. For LY-AAA5050BBCCDDWWZZ series: “AAA” can be any three digits between “010-120” per meter. III: “XXXX” represent LED type, it can be “2835”, “2010”, “5050”. IV: “BB” represents input voltage, it can be “12” or “24” or “48”, represents 12Vdc or 24Vdc or 48Vdc. V: “CC” represents input wattage per meter, it can be any two digits no more than “30”, for example, “30” represent 30W. For LY-AAA2835BBCCDDWWZZ series: When “AAA” is no more than “480” and “WW” is not less than “05”, “CC” can be any two digits no more than “16”. When “AAA” is no more than “280” and “WW” is not less than “08”, “CC” can be any two digits no more than “24”. When “AAA” is no more than “480” and “WW” is not less than “15”, “CC” can be any two digits no more than “30”. For LY-AAA2010BBCCDDWWZZ series: “CC” can be any two digits no more than “20”. For LY-AAA5050BBCCDDWWZZ series: “CC” can be any two digits no more than “24”. VI: “DD” represents color temperature or light color, it can be any two digits or letters. VII: “WW” represents PWB width, it can be any two digits not less than “05”, for example, “05” represents 5mm wide. For LY-AAA2835BBCCDDWWZZ series: When “AAA” is no more than “180”, “WW” is not less than “05”. When “AAA” is more than “280” and no more than “480”, “WW” is not less than “08”. When “AAA” is no more than “480”, “WW” is not less than “15”. For LY-AAA2010BBCCDDWWZZ series: “WW” is not less than “08”. For LY-AAA5050BBCCDDWWZZ series: “WW” is not less than “08”. VIII: “ZZ” represents water proof type, it can be “20”=IP20, “54”=IP54, “65”=IP65, “67”=IP67, “68”=IP68.

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LY-AAAAXXBCCDDWWLL (t)

(t) - LY-AAAAXXBCCDDWWLL series, I: "LY" represents company number. II: "AAAA" represents LED quantity per unit, it can be any four digits less than "0400" or "1152". III: "XX" represents LED type, it can be "2835". IV: "BB" represents input voltage, it can be 24Vdc. V: "CC" represents input wattage per unit, it can be any two or three digits no more than "100", for example, "100" represents 100W. When "AAAA" is no more than "0400", "CC" can be any two digits no more than "36". When "AAAA" is more than "0400" and no more than "1152", "CC" can be any two or three digits no more than "100". VI: "DD" represents color temperature or light color, it can be any two digits or letters. "18"=1800K, "21"=2100K, "24"=2400K, "27"=2700K, "30"=3000K, "35"=3500K, "40"=4000K, "50"=5000K, "65"=6500K, "RD"=Red, "GN"=Green, "BU"=Blue, "YE"=Yellow, "OG"=Orange, "PK"=Pink, "C2"=CCT Tunable, "C3"=RGB, "C4"=RGBW, "C5"=RGBCW. VII: "WW" represents product width per unit, it can be any two digits no less than "20", for example, "20" represents 20cm wide. When "AAAA" is no more than "0400", "WW" can be any two digits not less than "20". When "AAAA" is more than "0400" and no more than "1152", "WW" can be any two digits not less than "24". VIII: "LL" represents product length per unit, it can be any two digits no less than "20", for example, "20" represents 20cm long. When "AAAA" is no more than "0400", "LL" can be any two digits not less than "20". When "AAAA" is more than "0400" and no more than "1152", "LL" can be any two digits not less than "48".

Low-voltage Luminaire –

LY-AAABBCCDDWWZZ (v)

Note – (v) LY-AAABBCCDDWWZZ series, I: "LY" represents company number. II: "AAA" represents LED quantity per meter, it can be any three digits between "120-896". III: "BB" represents input voltage, it can be "12" or "24", represents 12Vdc or 24Vdc. IV: "CC" represents input wattage per meter, it can be any two digits no more than "30", for example, "30" represent 30W. When "AAA" is no more than "480" and "WW" is not less than "05", "CC" can be any two digits no more than "10". When "AAA" is no more than "840" and "WW" is not less than "08", "CC" can be any two digits no more than "20". When "AAA" is no more than "896" and "WW" is not less than "12", "CC" can be any two digits no more than "30". V: "DD" represents color temperature or light color, it can be any two digits or letters. "18"=1800K, "21"=2100K, "24"=2400K, "27"=2700K, "30"=3000K, "35"=3500K, "40"=4000K, "50"=5000K, "65"=6500K, "RD"=Red, "GN"=Green, "BU"=Blue, "YE"=Yellow, "OG"=Orange, "PK"=Pink, "C2"=CCT Tunable, "C3"=RGB, "C4"=RGBW, "C5"=RGBCW. VI: "WW" represents PWB width, it can be any two digits not less than "05", for example, "05" represents 05mm wide. When "AAA" is no more than "480", "WW" is not less than "05". When "AAA" is more than "480" and no more than "840", "WW" is not less than "08". When "AAA" is more than "840"

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and no more than “896”, “WW” is not less than “12”. VII: “ZZ” represents water proof type, it can be “20”=IP20, “54”=IP54, “65”=IP65, “67”=IP67, “68”=IP68.