



CHUNG KWANG

ELECTRIC WIRE AND CABLE CO., LTD.

低壓地埋線 全球少數能生產地埋電纜之製造商





重光電線電纜企業股份有限公司 CHUNG KWANG ELECTRIC WIRE AND CABLE CO., LTD.

- 我們擁有40年以上專業經驗的製造商

重光電線電纜企業股份有限公司成立於1979年，在電線電纜行業擁有40多年的專業經驗。OEM/ODM 客戶根據行業和設備客製化設計電線電纜。

- 我們榮獲 ESG 認證以及擁有多國認證





具備專業的生產線 PROFESSIONAL PRODUCTION LINE

專業的製造能力

1. AC 電動汽車充電槍線組
 - (1) 單/雙頭充電槍線組
 - (2) 攜帶型旅行充電器
 - (3) EVJE, EVJT, EVE, EVT 汽車充電電纜
 - (4) 汽車充電零配件-插座
2. 太陽能用接頭以及電纜線
 - (1) 太陽能接頭 (2) 太陽能光伏電纜線
3. 電源線
 - (1) 歐洲規格電源線 (2) 美國規格電源線
 - (3) 日本規格電源線
4. 低壓地埋線
低壓景觀用照明電纜線
5. 沉水馬達線
 - (1) 沉水馬達電源線
 - (2) 沉水馬達線圈用線
6. 工業用電纜線
TC, TC-ER, DG



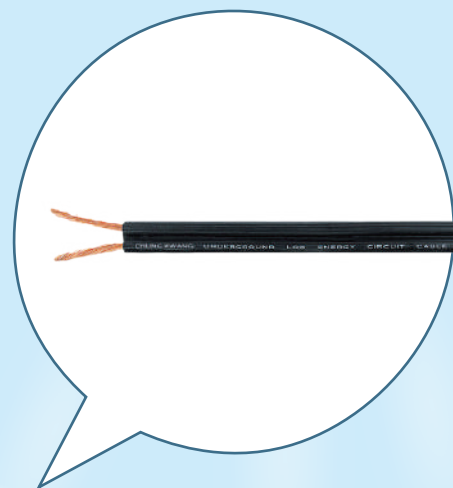


低壓地埋線

Low Voltage Landscape Lighting Cable

防水防潮系列產品

可以直接埋於地下



優勢 Advantages

- 傑出靈活的產品。
- 台灣認證的供應商。
- 產品易於安裝。
- 易於區分導線。
- 包裝方式和尺寸長度可依客戶需求提供客製化服務。
- 重光電線電纜已出口 20 多個地區及國家，並深得客戶讚譽和信賴。

低壓地埋線 Underground low-energy circuit cables

型號 Model No. : CKW-UL 1493

構造 Construction

導體 Conductor : Stranded Bare/ Tinned Copper

絕緣 Insulation : 耐水 PVC

外被 Sheath (僅適用於圓形電纜) : 耐水 PVC (黑色)

認證及技術規格 Approval and Technical specification

認證規範 Approvals : UL1493/ CSA C22.2 NO.35

認證字號 Certificate No. : E324553

額定溫度 Rated temperature : 60 °C

彎曲半徑 Bend radius : 20 x D

操作溫度範圍 Operating Temperature Range : -20°C ~ 60°C

額定電壓 Rated Voltage : 150 V (for UL), 30 V(for CUL)

絕緣電阻 Insulation Resistance : 最小 30.5 MΩ·km.

導體尺寸 Conductor Size : AWG 18~8

特殊規範 Special Approval : 防曬性能，可直接埋藏

遵守 NEC 之規定；符合 RoHS 標準。

扁平、平行電纜的結構和尺寸 Strueture & Dimensions for flat, parallel cable

Size(AWG/ NO. of conductors)	Conductor (PCS/AWG)	Insulation Thickness (Nom.)	Dimensions (Nom.)
18/2C	16/30	1.14 mm.	3.6 X 7.3 mm
16/2C	26/30	1.14 mm.	4.0 X 8.1 mm
14/2C	41/30	1.14 mm.	4.4 X 8.9 mm
12/2C	65/30	1.14 mm.	5.1 X 10.1 mm
10/2C	105/30	1.14 mm.	5.2 X 10.5 mm
8/2C	165/30	1.52 mm.	7.4 X 15.0 mm

圓形電纜的結構和尺寸 Strueture & Dimensions for round cable

Size(AWG/NO. of conductors)	Conductor (PCS/AWG)	Insulation Thickness(Nom.)	Insulation Diameter(Nom.)	Jacket Thickness(Nom.)	Overall Diameter(Nom.)
22/3C	17/34	0.23 mm	1.36 mm	0.58 mm	4.6 mm
22/4C	17/34	0.23 mm	1.36 mm	0.58 mm	4.6 mm

應用 Applications

- 應用於室外重點照明、景觀照明和安全照明，不超過150伏特 (UL)。
- 適用於直接地下埋設之景觀照明、造景。
- 適用於長期使用的音響，以及戶外揚聲器

CERTIFICATE OF COMPLIANCE

Certificate Number UL-US-L324553-111-61218002-0
Report Reference E324553-20081216
Date 28-Nov-2023

Issued to: CHUNG KWANG ELECTRIC WIRE & CABLE CO LTD
33 Suey Tien Rd
San Ho Village
Wu Jih District
Taichung 414
Taiwan

This is to certify that representative samples of ZLIA - Underground Low-energy Circuit Cable
See Addendum Page for Product Designation(s).

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

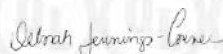
Standard(s) for Safety: Power-Limited Circuit Cables - UL 13
Outline of Investigation for Underground Low-Energy Circuit Cable - 1493

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

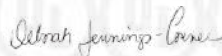


CERTIFICATE OF COMPLIANCE

Certificate Number UL-US-L324553-111-61218002-0
Report Reference E324553-20081216
Date 28-Nov-2023

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
Underground low-energy circuit cable	Underground Low-Energy Circuit Cable


Deborah Jennings-Conner, VP Regulatory Services

UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



CERTIFICATE OF COMPLIANCE

Certificate Number UL-CA-L324553-212-71218002-0
Report Reference E324553-20081217
Date 28-Nov-2023

Issued to: CHUNG KWANG ELECTRIC WIRE & CABLE CO LTD
33 Suey Tien Rd
San Ho Village
Wu Jih District
Taichung 414
Taiwan

**This is to certify that
representative samples of**

ZLIA7 - Underground Low-energy Circuit Cable 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: Subject 1493 Outline of Investigation for Underground Low-
Energy Circuit Cable, Issue Number 1

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

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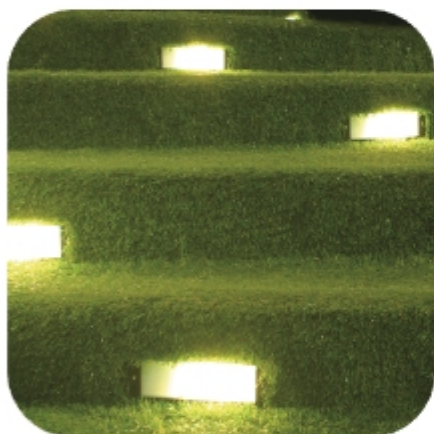
Model	Category Description
Low-voltage landscape lighting cable (LVLL)	Underground Low-Energy Circuit Cable
Underground low-energy circuit cable (ULEC)	Underground Low-Energy Circuit Cable


Deborah Jennings-Conner, VP Regulatory Services
UL LLC

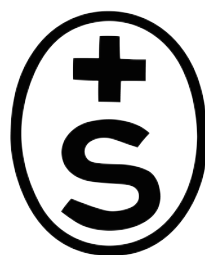
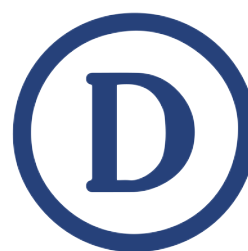




產品應用效果 Application Effect Of Products



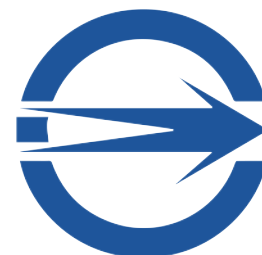
認證 Certificates



SAA




RoHS
compliant





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URL
<https://en.ckw.com.tw/>