



# Attestation of Compliance

Reference No. : LCSB06305016E

Applicant : ShenZhen Coolight Opt-Ele Co.,Ltd.

Address : 4/F., Bldg. C, Chuangfu Science& Technology Park, Beihuan Rd.,  
ShiYan Town, BaoAn District, Shenzhen City, Guangdong  
Province, China

Trade Mark : Coolight

Product : LED strip

Model(s) : See Model list

Tested according to : EN IEC 55015:2019+A11:2020  
EN IEC 61547:2023

The submitted products have been tested by us with the listed standards.

This Attestation of Compliance is issued according to the council Directive 2014/30/EU, Referred to as the Electromagnetic Compatibility. It confirms that the listed product complies with all essential requirements of the EMC directive and applies only to the sample and its technical documentation submitted to Shenzhen Southern LCS Compliance Testing Co., Ltd. for testing.

After preparation of the necessary technical documentation as well as the EC conformity declaration the required CE marking can be affixed on the product. Other relevant Directives have to be observed.



Date of issue: July 28, 2025

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Dm Gu /Manager



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# ANNEX I:



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Model(s) :

item	Cat. No. or Series Designation												Rating (Constant voltage)							Location Used			
													Voltage (Vdc)	Watts per M, (W/m)	Max. Current (A)	Max. Watts (W)	Max. LED number per Meter						
1	CLT(X)(U)-aabb12hhhTii-cdef												12	12	5	60	900	DRY, DAMP, Wet					
2	CLT(X)(U)-aabb24hhhTii-cdef												24	12	4.1	98.4	900						
CLX(U)(T)													-	aa	bb	jj	hhh	Tii	-	c	d	e	f
I													II	III	IV	V	VI	VII	VIII	IX	X		
I: CLX represents COOLIGHT UL approved strip series; CLT represent COOLIGHT regular strip series																							
II: aa represent LED CCT, If aa is CN, means 7000K. WN: 6000-7000K; EN: 5300-6000K; FN: 4700-5300K; LN: 4200-4700K; DN:3800-4200K; MN:3300-3800K; IN: 2800-3300K;KN: 2600-2800K; NN: 2400-2600K; SN: 2200-2400K; ON: 1900-2200K; PN: 1700-1900K; BN: blue; GN: Green; YU: Yellow; OU: Red; W2: RGB; Wl:white mixed; WR: white+RGB;WW: double white +RGB; Exact CCT is to be showed in strip description																							
III: bb represent waterproof rate and pcb type, bb= AX; A=N: Non-waterproof ,IP20; A=W/T/K/B/P/J/C/H/S/D/M/Q/G: waterproof; X=F: Constant voltage Flexible LED strip;and so on																							
IV: jj represent working volatge of strip, If jj is 12, it means 12VDC, 24 means 24VDC and so on																							
V: hhh represent LEDs quantity per meter, If hhh is 060, it means 60leds/meter, 120 means 120leds/meter and so on,May be 240 thru 900 when “VI” is “T00” .																							
VI: Tii represent type of LEDs, If ii is 02 , it means 3528 LEDs ,00=min chip series,03= 5050 LEDs, 04= 335 side-view LEDs, 05= 5730 LEDs, 06= 0603 LEDs, 07= 3014 top LEDs, 08= 3014 side-view LEDs, 09= 2835LEDs,10= 2110LEDs, 16= 2216LEDs;20= 2220LEDs;30= 3040LEDs, and so on																							
VII: c represent width of pcb, If c is 0, it means 10mm; 2= 12mm; 4= 14mm; 5= 5mm; 6= 6mm;7= 7mm; 8= 8mm; 9= 9mm; A= 3mm; B= 4mm; C= 7,5mm; D= 15mm; E= 19mm; F= 20mm; G=30mm and so on																							
VIII: d represent rows of LEDs in pcb, If d is A, it means single row, B means double Rows and so on																							
IX: e represent rated current of single LED, If e is 1, it means 10mA, 2= 11-20mA; 3= 21-30mA;4= 31-40mA; 5= 41-50mA; 6= 51-60mA; 7= 61-70mA; 8= 71-80mA and so on																							
X : f represent Ra (CRI) of strip light, If f is 7, it means CRI 70, 8= CRI80; 9= CRI90; 5= CRI95;6= CRI97; 0= No CRI Request /RGB and so on																							
Examples:1) CLU-INNF24480T00-8A29, which means: 24V, 120leds/meter, CSP0704 SMD Leds, 3000K,8mm pcb, single row, LED current 20mA, CRI90, Coolight UL approved constant voltage strip light																							

