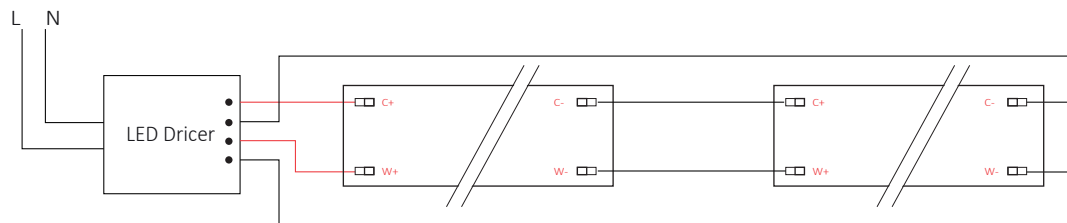
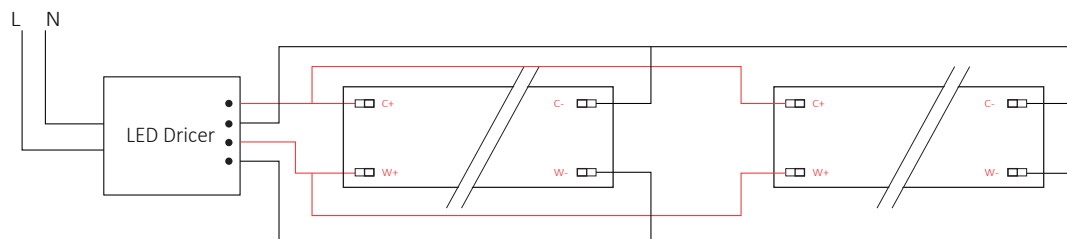


Wiring example

Light bar connected in series



Light bar connected in parallel



Wire preparation

0.2–0.75 mm²(AWG24-18)



6-10mm

General information

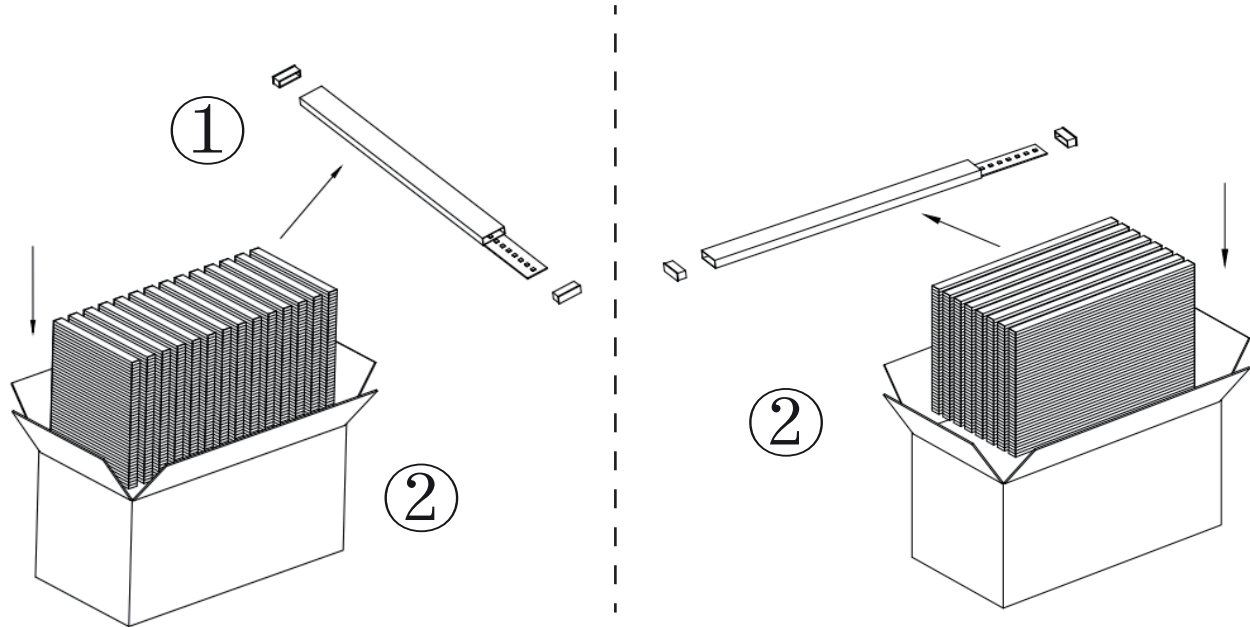
P/N	Size	Input-Vdc		Current-mA		Power-w		Flux	Efficiency	CCT	CRI	Flicker-free
	mm	TYP	MAX	TYP	MAX	TYP	MAX	Lm	Lm/W	K	-	-
RL-CM70X20F0108H001-82765	70x20	5.4	6	270	400	1.5	3	285	190	2700	80	Yes
								315	210	6500		
RL-CM70X20F0108H001-83050								300	200	3000	80	
								315	210	5000		
RL-CM140X20F0404H003-82765	140x20	10.8	12	270	400	3	6	570	190	2700	80	Yes
								660	220	6500		
RL-CM140X20F0404H003-83050								600	200	3000	80	
								660	220	5000		
RL-CM280X20F0804H006-82765	280x20	21.6	24	270	400	6	12	1140	190	2700	80	Yes
								1320	220	6500		
RL-CM280X20F0804H006-83050								1200	200	3000	80	
								1320	220	5000		
RL-CM560X20F1604H012-82765	560x20	43.2	48	270	400	12	24	2280	190	2700	80	Yes
								2640	220	6500		
RL-CM560X20F1604H012-83050								2400	200	3000	80	
								2640	220	5000		

Note: 1-Variou CCT available (2700-6500K) ; RL-XXXXXXXXXXXXX-840X (8-80CRI;40-4000K CCT)
2-Typical Optical-electronic parameters above @ Ta=25℃

General information

Input	5.7-48Vdc
Frequency	50/60Hz
Rated power	Typical power (±10% tolerance)
PF	>0.5
Protection	IP20
Storage temperature	-30-85℃
Operation temperature	-30-80℃ (Ts ofled components)
Beam Angle	120 deg
Flicker index	flicker-free
Connectors	Poke-in Type

Package



Safety Information

1. The LED module and all its components shall not be subjected to mechanical stress.
2. Correct electrical polarity, or not module may be damaged.
3. Ensure the power supply is suitable for the total load.
4. Electrostatic Discharge (ESD) precautions shall be incorporated when handling or installing the module.
5. Installation of LED modules shall be made referring to all applicable electrical and safety standards.
6. Suitable for luminaire of protection class 1, grounding is mandatory to comply with safety standards.
7. The AC light engine needs to be mounted to a heat sink with a thermal interface material between them.
8. It is better to use the AC led module with safety cover.
9. Modules may be hot to the touch. Use caution when handling.



Specialized
LED Strip Manufacturer

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