

20mm Wide Zhaga Series - Monochrome



- High efficiency up to 220lm/W
- Various CCT available: 2700/3000/4000/5000/5700/6500K
- CRI:80/90 options
- Macadam 3 steps color bin
- Solutions for linear light/troffer light/panel light/wall light
- Poke in wiring connectors
- Easy & quick for Parallel or serial wiring
- Better alternative solutions for fluorescent light
- According to Zhaga book 7 requirement

General Application



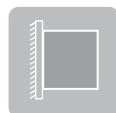
Linear light



Troffer light



Panel light



Wall light

Applied standards



EN 62031

EMC: EN 55015 EN 61547 EN 61000-3-2 EN 61000-3-3 EN 61000-4-4 EN 61000-4-5

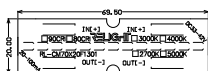
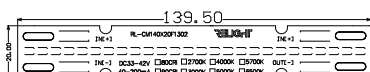
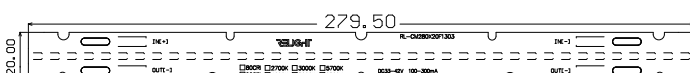
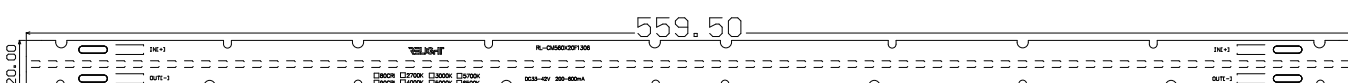
EMI: EN55015 EN61000-3-2 EN61000-3-3



EMS: EN61547

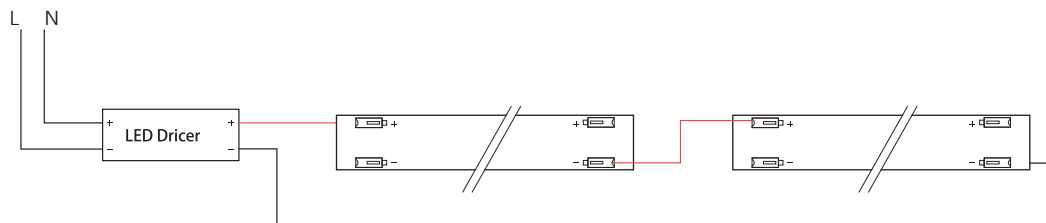
EMF: EN62493

Mechanical dimension (Unit: mm)

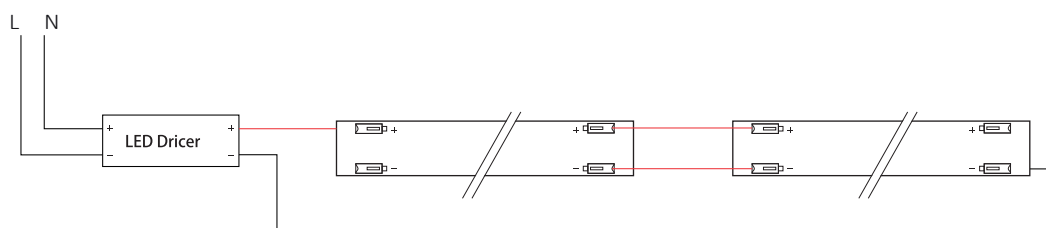


Wiring example

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-CM70X20F1301H001-827	70x20	35	42	45	100	1.5	3	285	190	2700	80	Yes
RL-CM70X20F1301H001-830								300	200	3000		
RL-CM70X20F1301H001-840								330	220	4000		
RL-CM70X20F1301H001-850								330	220	5000		
RL-CM70X20F1301H001-865								330	220	6500		
RL-CM140X20F1302H003-827	140x20	35	42	90	200	3	6	570	190	2700	80	Yes
RL-CM140X20F1302H003-830								600	200	3000		
RL-CM140X20F1302H003-840								660	220	4000		
RL-CM140X20F1302H003-850								660	220	5000		
RL-CM140X20F1302H003-865								660	220	6500		
RL-CM280X20F1303H006-827	280x20	35	42	180	300	6	12	1140	190	2700	80	Yes
RL-CM280X20F1303H006-830								1200	200	3000		
RL-CM280X20F1303H006-840								1320	220	4000		
RL-CM280X20F1303H006-850								1320	220	5000		
RL-CM280X20F1303H006-865								1320	220	6500		
RL-CM560X20F1306H012-827	560x20	35	42	360	600	12	24	2280	190	2700	80	Yes
RL-CM560X20F1306H012-830								2400	200	3000		
RL-CM560X20F1306H012-840								2640	220	4000		
RL-CM560X20F1306H012-850								2640	220	5000		
RL-CM560X20F1306H012-865								2640	220	6500		

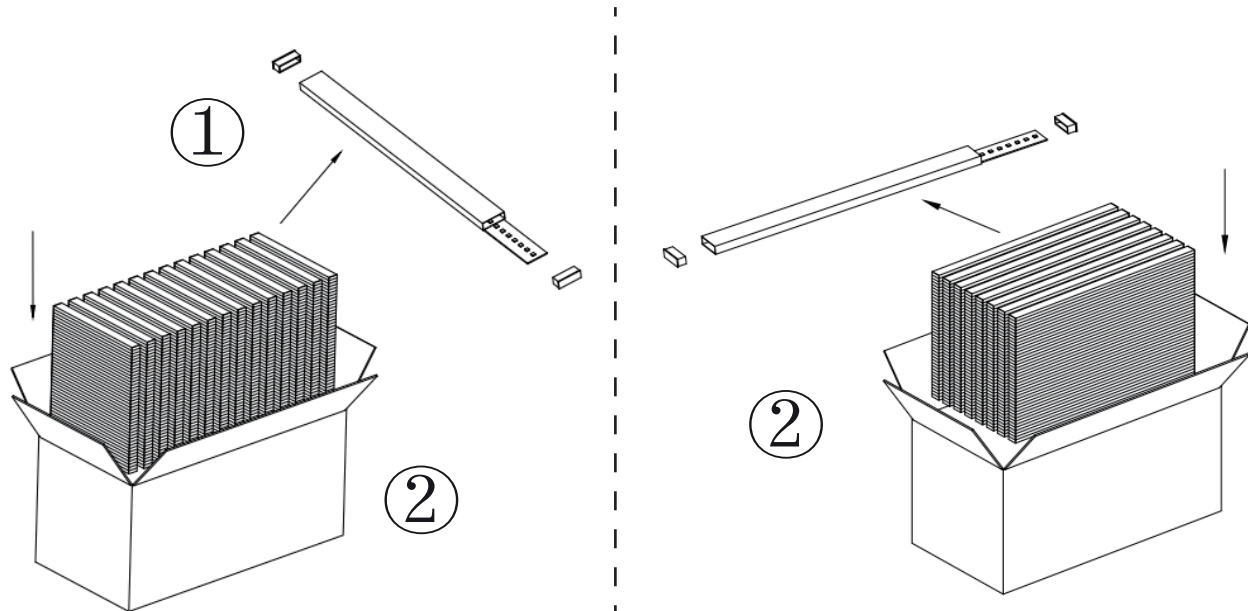
Note: 1-Variou CCT available (2700-6500K) ; RL-XXXXXXXXXXXX-840X (8-80CRI;40-4000K CCT)

2-Typical Optical-electronic parameters above @ Ta=25 °C

General information

Input	35-42Vdc
Frequency	50/60Hz
Rated power	Typical power (±10% tolerance)
PF	>0.5
Protection	IP20
Storage temperature	-30-85 °C
Operation temperature	-30-80 °C (Ts of led 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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