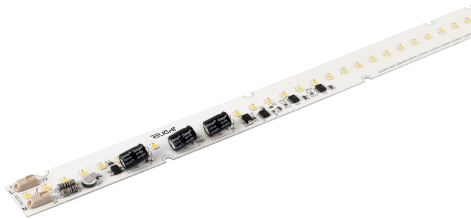


AC High Efficiency Linear LED Light Engine Specification

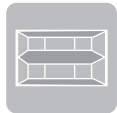


- High efficiency up to 160lm/W
- Various CCT available: 2700/3000/4000/5000/5700/6500K
- LED panel is directly connected to AC200-240V
- CRI:80 options
- Macadam 3 steps color bin
- Solutions for linear light/troffer light/panel light/wall light
- High cost performance
- Flicker-free
- Surge 2.5kV

General Application



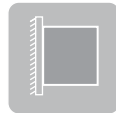
Linear light



Troffer light



Panel light



Wall light

Applied standards

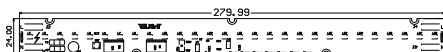
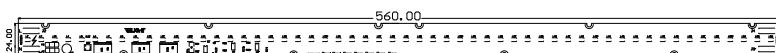
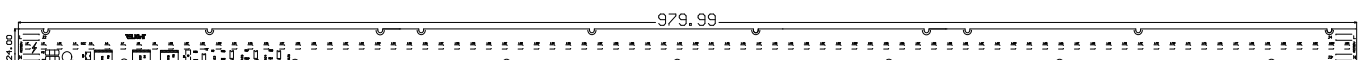


EN 62321
EMC: EN 55015 EN 61547 EN 61000-3-2 EN 61000-3-3
EMI: EN 55015 EN 61000-3-2 EN 61000-3-3



EMS: EN 61547
EMF: EN 62493
LVD: EN 62471 EN 62031

Mechanical dimension (Unit: mm)



General information

P/N	Size	Input	Power	PF	Flux	Efficiency	CCT	CRI	Flicker-free
	mm	Vac	W	-	Lm	Lm/W	K	-	-
RL-HM280X24A2801H016-827N	280X24	200-240	16	>0.5	2080	130	2700	80	Yes
RL-HM280X24A2801H016-830N					2240	140	3000		
RL-HM280X24A2801H016-840N					2400	150	4000		
RL-HM280X24A2801H016-850N					2400	150	5000		
RL-HM280X24A2801H016-865N					2400	150	6500		
RL-HM560X24A2802H024-827N	560X24	200-240	24	>0.5	3120	130	2700	80	Yes
RL-HM560X24A2802H024-830N					3360	140	3000		
RL-HM560X24A2802H024-840N					3600	150	4000		
RL-HM560X24A2802H024-850N					3600	150	5000		
RL-HM560X24A2802H024-865N					3600	150	6500		
RL-HM980X24A2803H032-827N	980X24	200-240	32	>0.5	4160	130	2700	80	Yes
RL-HM980X24A2803H032-830N					4480	140	3000		
RL-HM980X24A2803H032-840N					4800	150	4000		
RL-HM980X24A2803H032-850N					4800	150	5000		
RL-HM980X24A2803H032-865N					4800	150	6500		

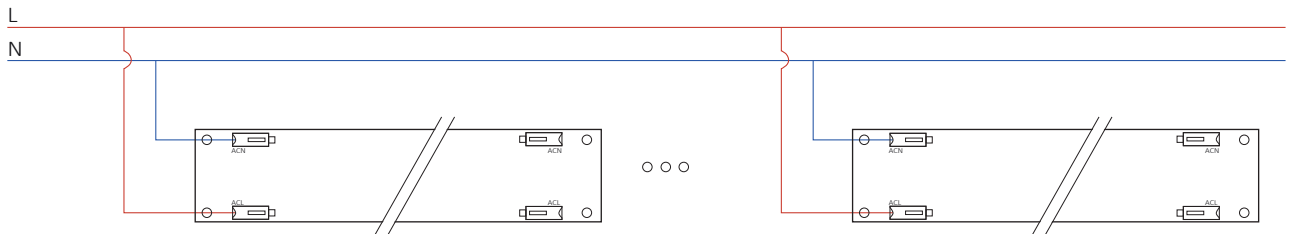
Note: 1-Variety CCT available (2700-6500K) ; RL-XXXXXXXXXXXX-840X (8-80CRI;40-4000K CCT)
2-Typical Optical-electronic parameters above @ Ta=25℃

General information

Input	200-240Vac
Frequency	50/60Hz
Rated power	Typical power (±10% tolerance)
PF	>0.5
Protection	IP20
Surge level	2.5KV
Hi-pot	1.5KVac
Storage temperature	-30-85℃
Operation temperature	-30-80℃ (Ts ofled components)
Beam Angle	120 deg
Flicker index	flicker-free
Connectors	Poke-in Type

Wiring example

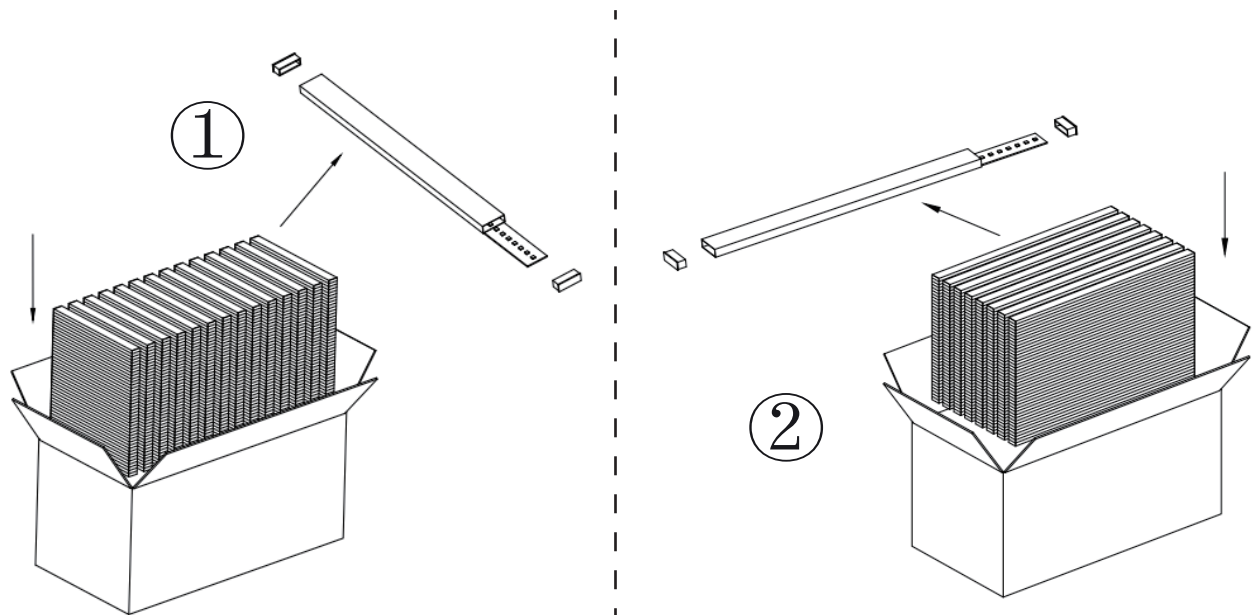
All modules connect to AC line separately by L and N connectors on board



All modules connect to each other by L and N connectors at opposite end, make sure the max quantities of module is less than 10 pcs in one cluster



Package





Safety Information

1. The LED module and all its components shall not be subjected to mechanical stress
2. Correct electrical polarity, otherwise 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 refer 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 touch. Use caution when handling.



Specialized
LED Strip Manufacturer

Shenzhen
Relight Technology Co.,Ltd

6th Floor, Building A, Guancheng Industrial Park, Gongming Town,
Guangming District, Shenzhen, China

Tel: 86 0755 3369 1713
Web: www.relight-tech.com
E-mail: Sales@relight-tech.com