

AC LED Light Engine Specification FB Linear

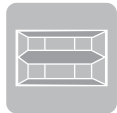


- High total efficiency up to 110lm/W
- Various CCT available: 2700/3000/3500/4000/5000/5700/6500K
- CRI:80/90/95 options
- Macadam 3/5 steps color bin
- Solutions for linear light/troffer light/panel light/wall light
- AC line voltage 120V input directly
- Power factor higher than 0.95
- Low THDI:<18% • TRIAC dimmable

General Application



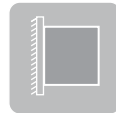
Linear light



Troffer light



Panel light



Wall light

Applied Standards



EN 62321

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

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



EMS: EN61547

EMF: EN62493

LVD: EN62471 EN62031

Mechanical dimension (Unit: mm)

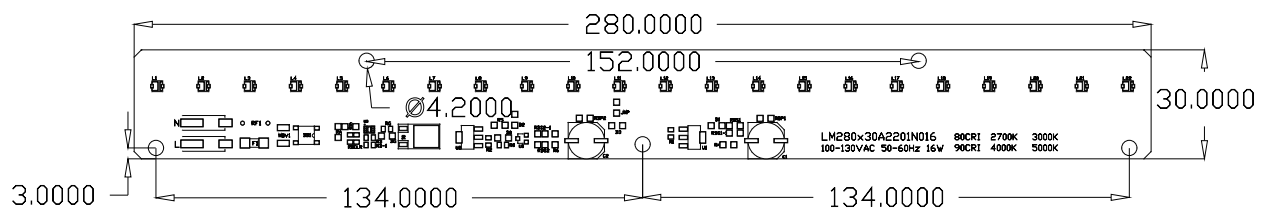


Fig1: RL-LM280*30Aseries outline

Wiring example (RL-HM280*30A series)

Fig2: All modules connect to AC line separately by L and N connectors on board

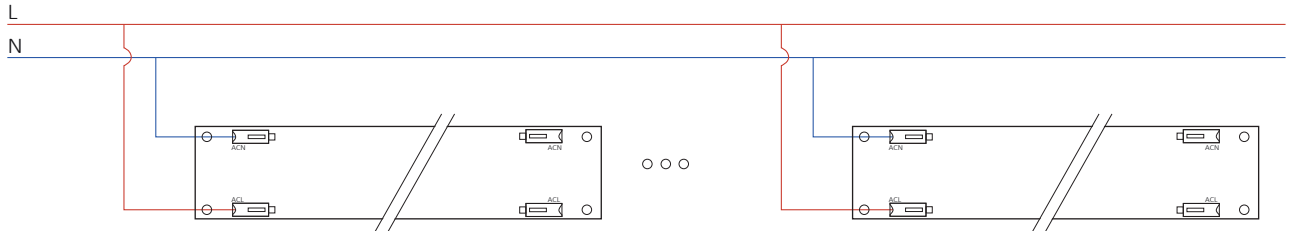


Fig3: All modules connect to each other by L and N connectors at opposite end, make sure the max quantities of module is less than 10 pcs in one cluster



General information

P/N	Size	Input	Power	PF	Flux	Efficiency	CCT	CRI	Dimming
	mm	Vac	W	-	Lm	Lm/W	K	-	-
RL-LM280×30A2201N016-930FB	280×30	120	16	0.95	1376	86	3000	90	TRIAC

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

2-Typical Optical-electronic parameters above @ Ta=25℃

Selection guide

P/N	Size	Input	Power	PF	Flux	Efficiency	CCT	CRI	Dimming
	mm	Vac	W	-	Lm	Lm/W	K	-	-
RL-LM280X30A2201N009-827FB	280×30	120	16	0.95	1440	90	2700	80	TRIAC
RL-LM280X30A2201N009-830FB					1520	95	3000		
RL-LM280X30A2201N009-840FB					1600	100	4000		
RL-LM280X30A2201N009-850FB					1600	100	5000		
RL-LM280X30A2201N009-927FB	280×30	120	16	0.95	1328	83	2700	90	TRIAC
RL-LM280X30A2201N009-930FB					1424	89	3000		
RL-LM280X30A2201N009-940FB					1520	95	4000		
RL-LM280X30A2201N009-950FB					1520	95	5000		