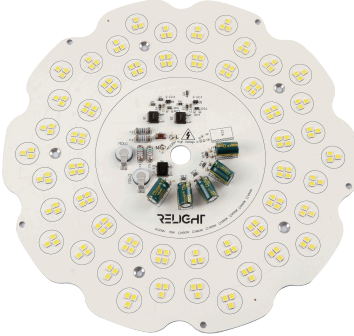


UFO High Bay Light Specification



- High efficiency up to 160lm/W
- Various CCT available: 2700/3000/4000/5000/5700/6500K
- Directly connected to AC200-240V
- CRI:80 options
- Macadam 3 steps color bin
- Solutions for down light / ceiling light / UFO light
- High cost performance
- Flicker-free
- Surge 2.5kV

General Application



Down light



Ceiling light



UFO light

Applied standards

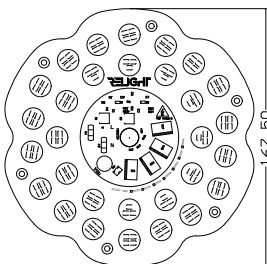


EN 62321
EMC: EN 55015 EN 61547 EN 61000-3-2 EN 61000-3-3
EMI: EN55015 EN61000-3-2 EN61000-3-3

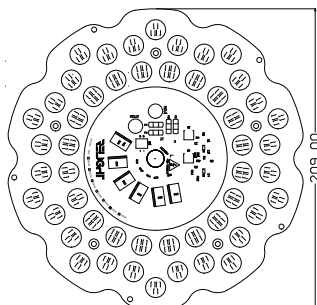


EMS: EN61547
EMF: EN62493
LVD: EN62471 EN62031

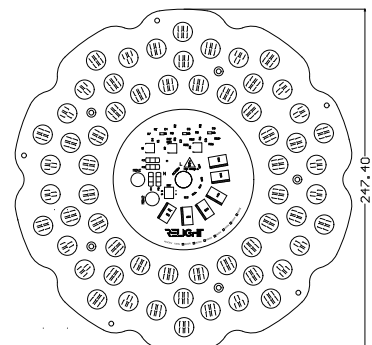
Mechanical dimension (Unit: mm)



D168



D210



D248

General information

P/N	Size	Input	Power	PF	Flux	Efficiency	CCT	CRI	Flicker-free
	mm	Vac	W	-	Lm	Lm/W	K	-	-
RL-HMD168A2804H050-827N	Ø168	200-240	50	>0.5	6500	130	2700	80	Yes
RL-HMD168A2804H050-830N					7000	140	3000		
RL-HMD168A2804H050-840N					7500	150	4000		
RL-HMD168A2804H050-850N					7500	150	5000		
RL-HMD168A2804H050-865N					7500	150	6500		
RL-HMD168A2804H050-827N	Ø210	200-240	70	>0.5	9100	130	2700	80	Yes
RL-HMD168A2804H050-830N					9800	140	3000		
RL-HMD168A2804H050-840N					10500	150	4000		
RL-HMD168A2804H050-850N					10500	150	5000		
RL-HMD168A2804H050-865N					10500	150	6500		
RL-HMD168A2804H050-827N	Ø248	200-240	100	>0.5	13000	130	2700	80	Yes
RL-HMD168A2804H050-830N					14000	140	3000		
RL-HMD168A2804H050-840N					15000	150	4000		
RL-HMD168A2804H050-850N					15000	150	5000		
RL-HMD168A2804H050-865N					15000	150	6500		

Note: 1-Variou 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 of led components)
Beam Angle	120 deg
Flicker index	flicker-free
Connectors	Poke-in Type

Package

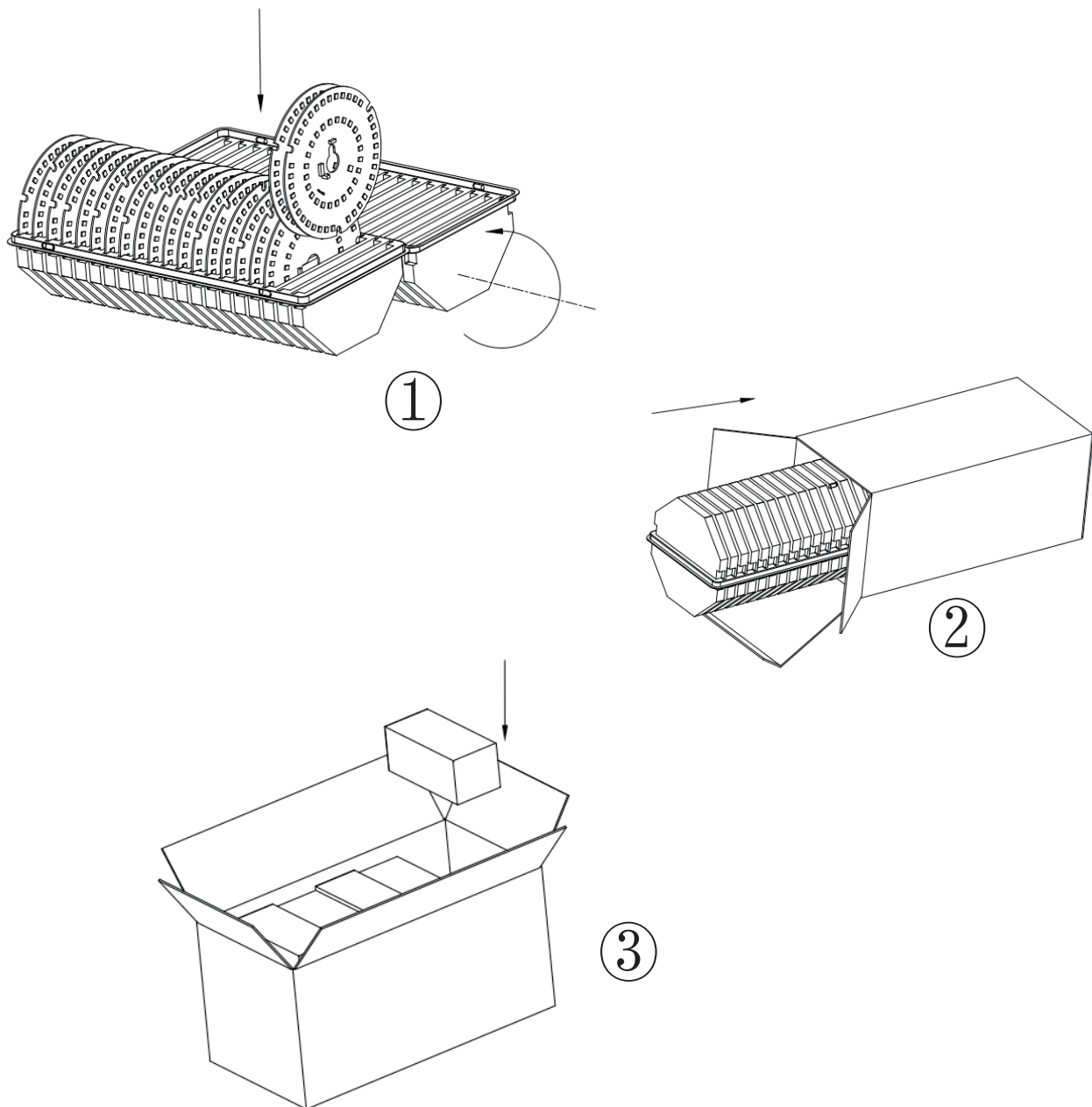


Fig5: RL-HMD series



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

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