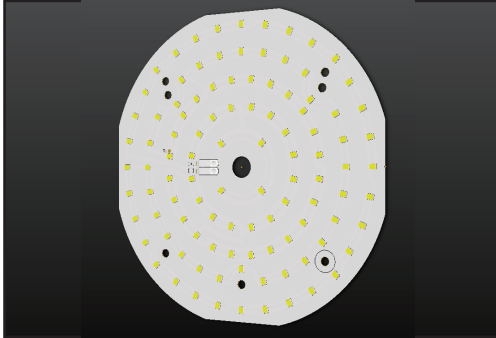


Zhaga Round Module

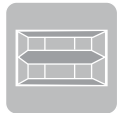


- High efficiency up to 190lm/W
- Various CCT available: 2700/3000/4000/5000/5700/6500K
- CRI:80/90 options
- Macadam 3 steps color bin
- Solutions for Down light/Ceiling light
- Poke in wiring connectors

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

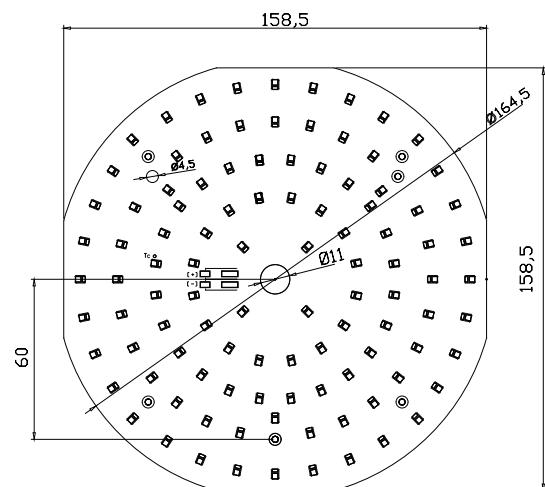
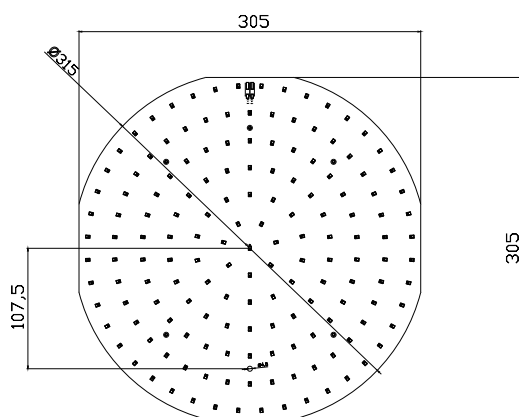
EMI: EN55015 EN61000-3-2 EN61000-3-3



EMS: EN61547

EMF: EN62493

Mechanical dimension (Unit: mm)



Selection guide

P/N	Size	Voltage -Vdc		Current -mA		Power -W		Flux	Efficiency	CCT	CRI
	mm	Typ	Max	Typ	Max	Typ	Max	Lm	Lm/W	K	-
RL-CMD160A1308H017-827	D160	34.5	37.1	500	1000	17.25	37.1	3100	180	2700	80
RL-CMD160A1308H017-830	D160	34.5	37.1	500	1000	17.25	37.1	3277	190	3000	80
RL-CMD160A1308H017-840	D160	34.5	37.1	500	1000	17.25	37.1	3450	200	4000	80
RL-CMD160A1308H017-850	D160	34.5	37.1	500	1000	17.25	37.1	3450	200	5000	80
RL-CMD160A1308H017-865	D160	34.5	37.1	500	1000	17.25	37.1	3450	200	6500	80
RL-CMD160A1308H017-927	D160	34.5	37.1	500	1000	17.25	37.1	3100	165	2700	80
RL-CMD160A1308H017-930	D160	34.5	37.1	500	1000	17.25	37.1	3018	175	3000	80
RL-CMD160A1308H017-940	D160	34.5	37.1	500	1000	17.25	37.1	3191	185	4000	80
RL-CMD160A1308H017-950	D160	34.5	37.1	500	1000	17.25	37.1	3191	185	5000	80
RL-CMD160A1308H017-965	D160	34.5	37.1	500	1000	17.25	37.1	3191	185	6500	80
RL-CMD305A1312H026-827	D305	34.5	37.1	750	1500	26	55	4680	180	2700	80
RL-CMD305A1312H026-830	D305	34.5	37.1	750	1500	26	55	4940	190	3000	80
RL-CMD305A1312H026-840	D305	34.5	37.1	750	1500	26	55	5200	200	4000	80
RL-CMD305A1312H026-850	D305	34.5	37.1	750	1500	26	55	5200	200	5000	80
RL-CMD305A1312H026-865	D305	34.5	37.1	750	1500	26	55	5200	200	6500	80
RL-CMD305A1312H026-927	D305	34.5	37.1	750	1500	26	55	4290	165	2700	80
RL-CMD305A1312H026-927	D305	34.5	37.1	750	1500	26	55	4550	175	3000	80
RL-CMD305A1312H026-927	D305	34.5	37.1	750	1500	26	55	4810	185	4000	80
RL-CMD305A1312H026-927	D305	34.5	37.1	750	1500	26	55	4810	185	5000	80
RL-CMD305A1312H026-927	D305	34.5	37.1	750	1500	26	55	4810	185	6500	80

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	SELV (depends on the external driver spec.)
Rated power	Typical power (±10% tolerance)
Protection	IP20
Storage temperature	-30-85 °C
Operation temperature	-30-80 °C (Ts of led components)
Beam Angle	120 deg
Connectors	Poke-in Type

Module temperatures

Parameter	Nominal*	Life**	Max***	Unit
Tc(case temperature at Tc point)	55	75	85	°C

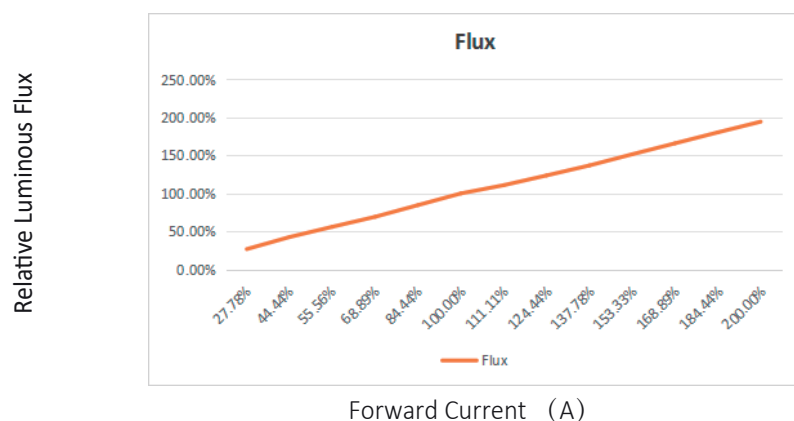
* Nominal value at which typical performance is specified

** Value at which life time is specified

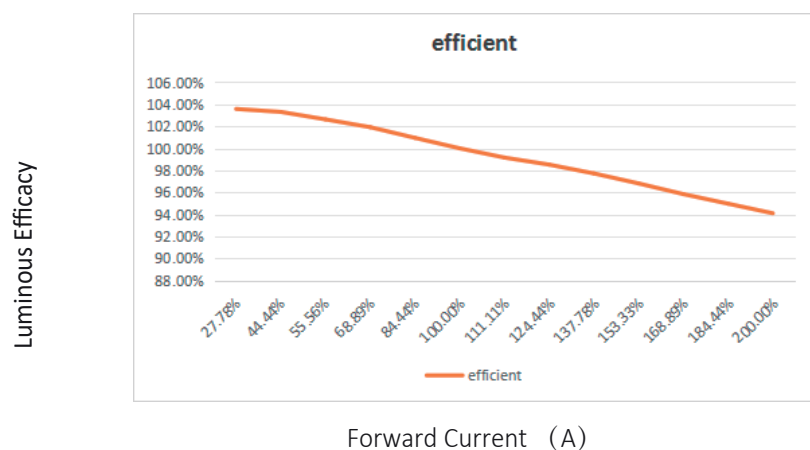
*** Maximum value for safe operation, do not operate above this value

Forward Current Characteristics (Ts=25 °C)

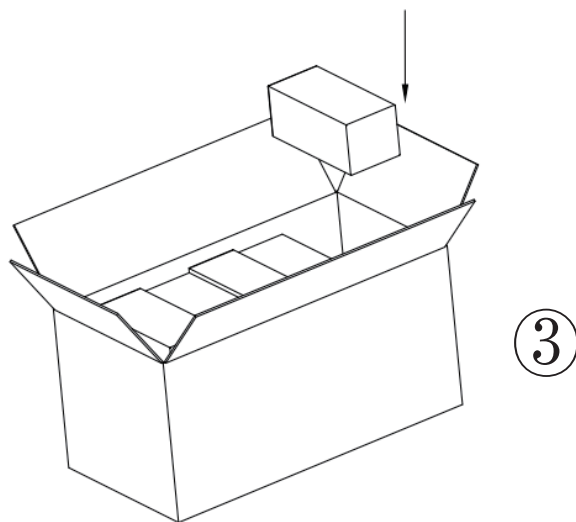
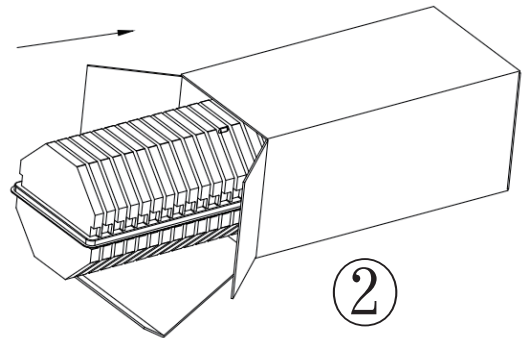
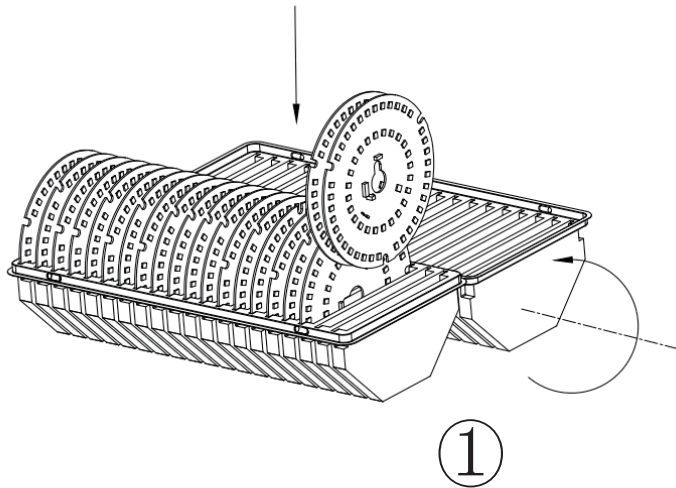
Relative Luminous Flux VS Forward Current



Luminous Efficacy VS Forward Current



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.



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