



Lens Type



Reflector Type

FEATURES

- Customized LEDs from a world-leading supplier
- Super long lifetime(Lumen maintenance)
- Wide applicability for complex situations
- Multiple lighting distributions available;
- High versatility apply for all sorts of lamps retrofit

APPLICATION

- Street lighting retrofit and application
- Tunnel lighting retrofit and application
- Garden lighting retrofit and application
- Flood lighting retrofit and application
- High bay lighting retrofit and application

SPECIFICATION

Working Environment:	-40°C~+50°C
Storage Temperature:	-40°C~+50°C
Relative humidity:	10%~90%RH
Typical Solder Point Temperature Ts^[1]:	60°C
Color Temperature (CCT)^[2]:	3000K,--, 5700K
Main Material:	Aluminum 6063
Module N.W.:	0.55±0.02 kg

Note :

[1] Typical values of pad temperature is obtained based on ambient temperature of 25°C.

[2] Efficacy of 3000K is 5% lower than other CCTs..

ORDERING GUIDE

Example: M12A-XBA-24 -2210

Interface	Dimension of LED's	LED QTY	LENS MODEL	REFLECT OR TYPE	Wire Material	CCT	LED Brand
X: Universal interface	B: 5050	18 18PCS 24 24PCS	2210 Type II Short 2219 Type II Medium 2240 Type III Medium 2225 25 DEG 2260 60 DEG 2290 90 DEG	2314 Flat lens 2511 60X60 DEG 2512 80X80 DEG 2513 80X50 EGD	A:CCC+VDE C: PSE H: UL X: Others	7030: Ra≥70, 3000K 8040: Ra≥80, 4000K	CM: Customized XX: Others

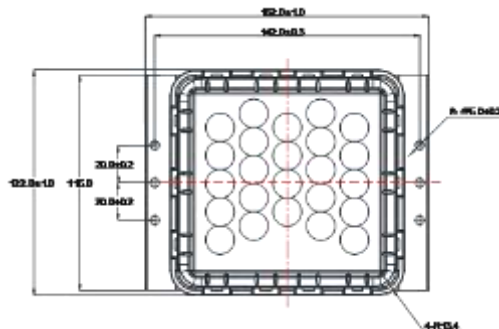
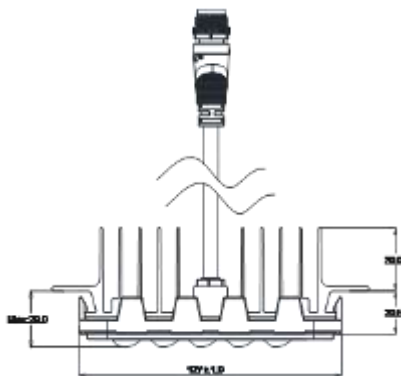
PERFORMANCE

Model	Power	Driving Current (mA)	Input Voltage (Vdc)	18PCS		24PCS	
				Efficacy	Lumens	Efficacy	Lumens
M12A-XBA	30	600	40-54	165	4950	175	5250
M12A-XBA	40	800	40-54	160	6400	170	6800
M12A-XBA	50	1000	40-54	150	7500	165	8250
M12A-XBA	60	1200	40-54	140	8400	157	9420

Note : Values shown are subject to $\pm 5\% \sim \pm 8\%$ tolerance; Cable default H type Efficacy above is based on calculated @84% power efficiency, Light efficacy of 3000K is 5% lower than other CCTs.

DIMENSIONS

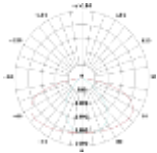
Model	L (mm)	W (mm)	H (mm)
M7A-XBH	152	122	Max59



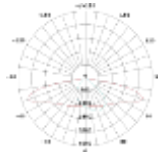
LIGHTING DISTRIBUTIONS

LENS TYPE

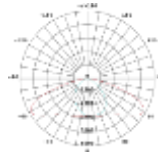
T2S2210



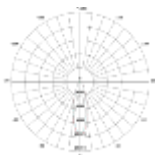
T2M2219



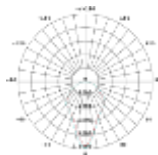
T3M2240



25D2225



60D2260

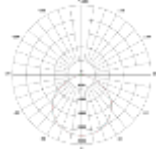


90D2290

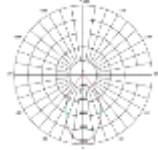


REFLECTOR TYPE

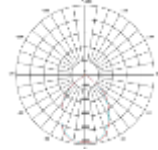
Flat lens 2314



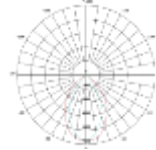
60X60D2511



80X80D2512



80X50D2513



Note: 2314 lens must be used with other three types of lens.