



SPECIFICATION

Working Environment:	-40°C~+50°C
Storage Temperature:	-40°C~+50°C
Relative humidity:	10%~90%RH
IP Rating of LED Light Engine:	IP68
Color Temperature(CCT):	3000K,--, 5700K
Main Material:	Die-cast aluminum ADC12
Module N.W.:	0.4±0.02 kg

APPLICATION

- Street lighting retrofit and application
- Tunnel lighting retrofit and application
- Factory lighting retrofit and application
- Sports lighting retrofit and application.

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

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: M20A-CBA-18-2105-7040-CM

Interface	Dimension of LED's	LED QTY	LENS MODEL			Wire Material	CCT	LED Brand
C : CSA groov	B: 5050	18:18 PCS 28:28 PCS PCS	1107 Type I Short	3125	25 DEG	A: CCC+VD E C: PSE H: UL X: Others	030 :	CM: Customiz ed XX: Others
			2125 Type I Short	3140	40 DEG		Ra≥70	
			2105 Type II Short	3160	60 DEG		,	
			2128 Type II Short	2190	90 DEG		3000K	
			3106 Type II Short	2211	90x40		7040 :	
			3108 Type II Short(V)		DEG		Ra≥70	
			2111 Type II Medium	3504	80x35		,	
					DEG		4000K	
				3505	70x30		7050 :	
			1113 Type III Short		DEG		Ra≥70	
			2127 Type III Medium	2114	Square lighting		,	
			2109 Type III Medium	2212	Sport Lighting		5000K	
				2123	Tunnel Lighting		7057 :	
			2310 Lambert Type				Ra≥70	
			,					
			5700K					

PERFORMANCE

Model	Power	Driving Current (mA)	Input Voltage (Vdc)	18PCS		24PCS	
				Efficacy	Lumens	Efficacy	Lumens
M20A-CBA	30	600	40-54	168	5040	180	5400
M20A-CBA	40	800	40-54	160	6400	175	7000

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)
M20A-CBA	300	77	34

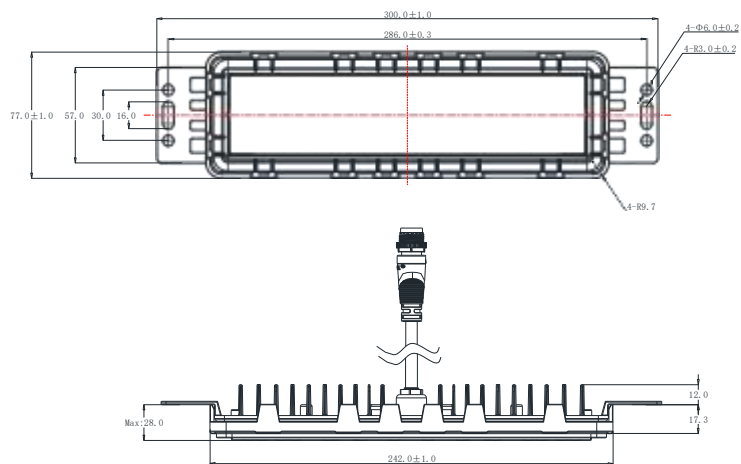
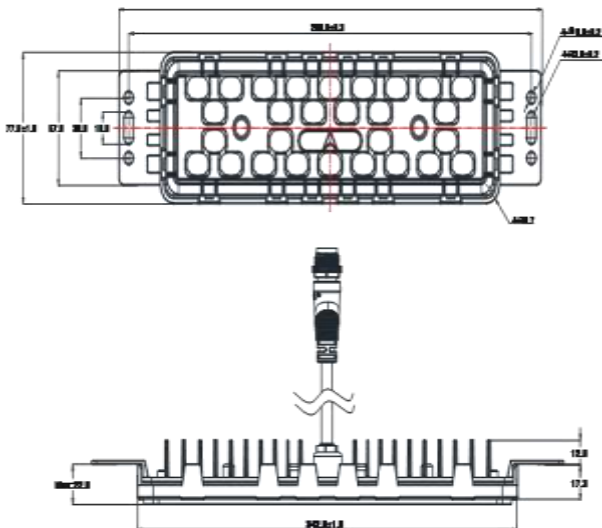
*Tolerance: $\pm 0.5\text{mm}$

*There are 2.5mm bulges on both sides of the width direction.
different lenses, the height will be 5% tolerance.

Model	L (mm)	W (mm)	H (mm)
M20A-CBA	300	77.0	max40

*Tolerance: $\pm 0.5\text{mm}$

*There are 2.5mm bulges on both sides of the width direction.
different lenses, the height will be 5% tolerance.

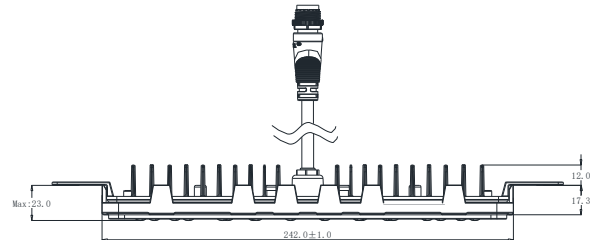
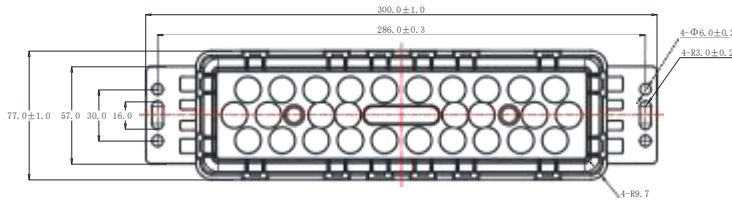


DIMENSIONS

Model	L (mm)	W (mm)	H (mm)
M20A-CBA	300.0	77	35

*Tolerance: $\pm 0.5\text{mm}$

*There are 2.5mm bulges on both sides of the width direction.
different lenses, the height will be 5% tolerance.



LIGHTING DISTRIBUTIONS

