

LED Module M19A Series



Specification

Working Environment: -40°C~+50°C

Storage Temperature: -40°C~+50°C

Relative humidity: 10%~90%RH

Typical value of pad temperature^[1]: 60°C

IP Rating of LED Light Engine: IP68

Color Temperature (CCT)^[2]: 3000K, 4000K, 5000K, 5700K

Main Material: Die-cast aluminum ADC12

Module N.W.: 0.40±0.02 kg

Note :

[1] Typical values of pad temperature is obtained based on 40W with a ambient temperature of 25°C.

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

Features

- Luxeon 3030 2D LED;
- Super long lifetime(Lumen maintenance);
- Multiple lighting distributions available;
- Wide applicability for complex situations;
- High versatility apply for all sorts of lamps retrofit.

Application

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

Ordering Information

For example: M19A-CCA-45 -1321-7040-LU

Module Model	Interface	Dimension of LEDS	Wire Material	LED Qty	Lens Model			Ra & CCT	LED Brand
M19A	C: CSA groove	C: 3030	A: CCC+VDE	35 35PCS	1324 Type II Short	1325 25 DEG	7030: Ra≥70 , 3000K	LU: Lumileds SN: Sanan XX: Others	
			C: PSE	45 45PCS	2322 Type II Short (V)	2360 60 DEG	7040: Ra≥70 , 4000K		
			H: UL		5321 Type II Short	5340 40 DEG	7050: Ra≥70 , 5000K		
			X: Others		2321 Type II Short	5390 90 DEG	7057: Ra≥70 , 5700K		
					1321 Type III Medium	1310 Lambert Type			
					1390 Tunnel Lighting				

Performance

Module	Power (W)	Driving current (mA)	Input voltage (Vdc)	Efficacy (lm/W)	Lumens (lm)
M19A-CCA-35	30	700	38~48	127	3810
M19A-CCA-45	40	700	48~61	127	5080

Note: Values shown are subject to ±5%~±8% tolerance; Cable default A type;

Efficacy above is based on calculated @92% power efficiency; Light efficacy of 3000K is 5% lower than other CCTs.

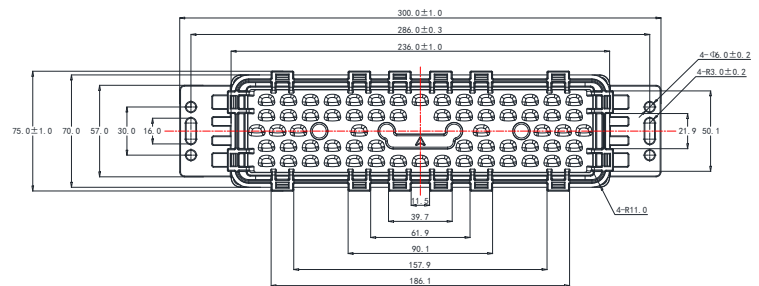
Dimensions

L (mm)	W (mm)	H (mm)
300	70	Max34

There are 2.5mm protrusions on both sides in the width direction.

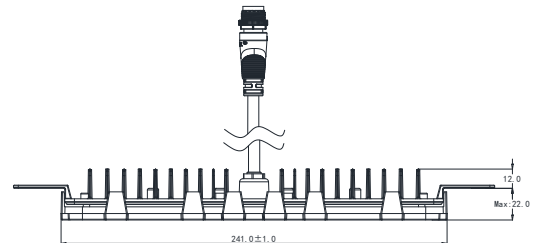
The height of the module is the maximum value.

Tolerance: ±0.5mm



Available lens model

1321	1324	1390
1232	2322	5321



Dimensions

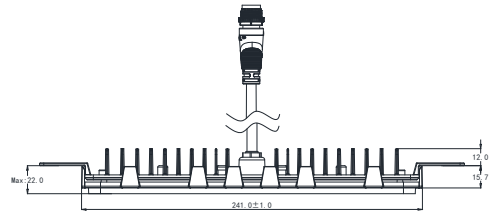
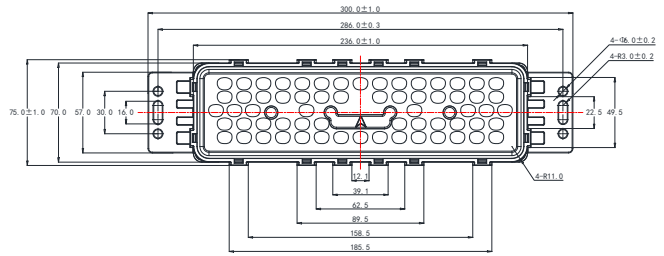
L (mm)	W (mm)	H (mm)
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300 70 Max34

There are 2.5mm protrusions on both sides in the width direction.

The height of the module is the maximum value.

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



Available lens model

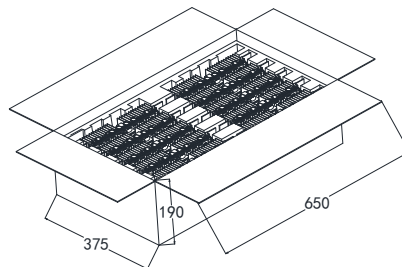
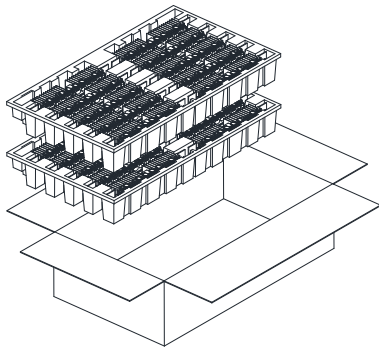
1310	1325	5340	2360
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Package Information

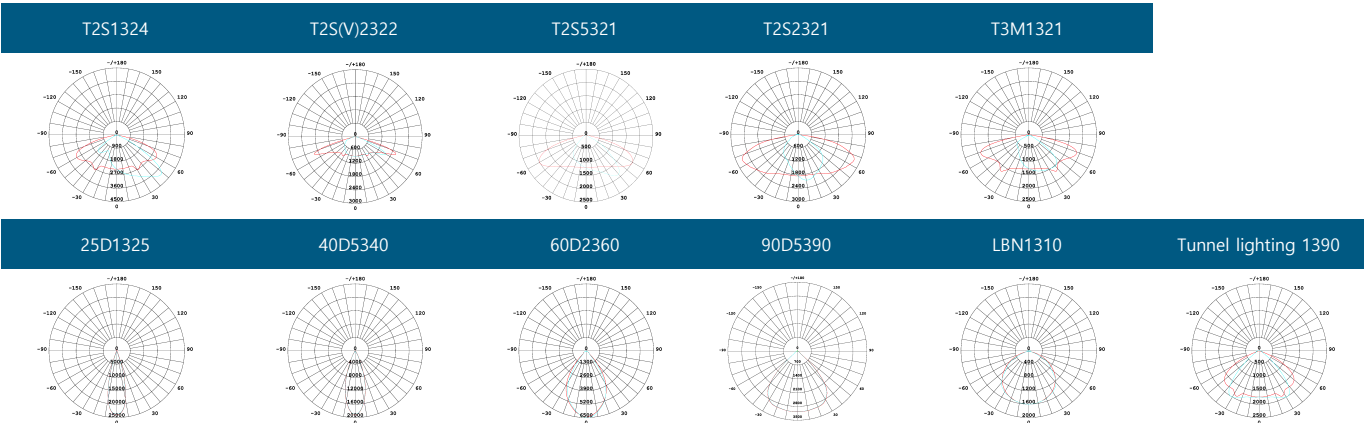
L (mm)	W (mm)	H (mm)	Module pcs/carton (PCS)	Package weight (kg)
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650 375 190 20 9.1

Values shown are subject to $\pm 5\%$ tolerance.



Lighting distributions



Version History

Change Date	Version	Description of Change		
		Item	From	To
20190921	Ver2.0	Data sheets release (new version) Update of luminous efficacy	/	/