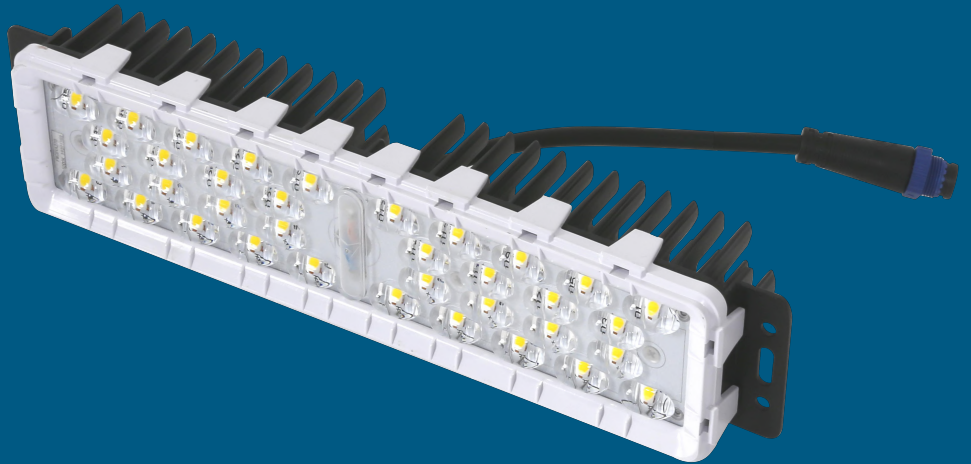


LED Module CK16Apro Series



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

IP Rating of LED Light Engine: IP68

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

Main Material: Aluminum ADC12

Module N.W.: 0.67±0.04 kg

Note:

[1] Typical values of pad temperature is obtained based on the test power 60W
with ambient temperature 25°C.

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

Features

- Customized LEDs from a world-leading supplier;
- 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;
- Tunnel lighting retrofit and application;

Ordering Information

For example: CK16Apro-CBA-36-1361-7040-CM

Module Model	Interface	Dimension of LEDS	Wire Standard	LED Qty	Lens Model	Ra & CCT	LED Brand
CK16Apro	C: CSA Groove	B: 5050	A: CCC+VDE	36: 36PCS	1361 Type I Short	7030 : Ra≥70 , 3000K	CM: Customized LU: Lumileds SN: Sanan XX: Others
			C: PSE		2362 Type II Medium	7040 : Ra≥70 , 4000K	
			H: UL		2363 Type III Medium	7050 : Ra≥70 , 5000K	
			X: Others			7057 : Ra≥70 , 5700K	

Performance

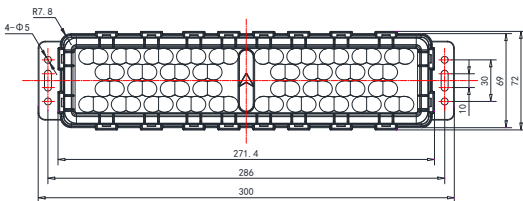
Module Model	System Power (W)	Driving current (mA)	Input voltage (Vdc)	Module Efficacy ^[1] (lm/W)	System Efficacy ^[2] (lm/W)	Flux Output (lm)
CK16Apro-CBA	40	800	40~54	190~200	177	7080
CK16Apro-CBA	50	1000	40~54	185~195	173	8650
CK16Apro-CBA	60	1200	40~54	180~190	168	10080

Note : Values shown are subject to ±5%~±8% tolerance; Cable default A type; Light efficacy of 3000K is 5% lower than other CCTs.

[1] Module efficacy is based on calculated @100% power efficiency.

[2] System efficacy is based on calculated @92% power efficiency.

Dimensions



L (mm)	W (mm)	H (mm)
----------	----------	----------

300.0 69 51.8

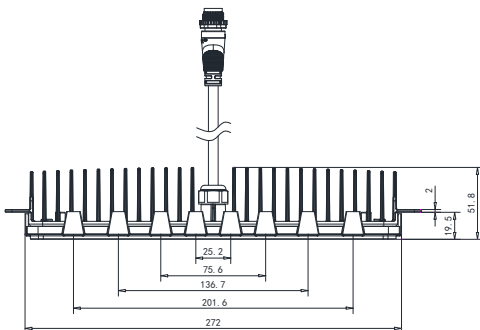
* Tolerance: ±0.5mm

* There are 1.5mm bulges on both sides of the width direction.

Different lenses, the height will be 5% tolerance.

Available lens model

1361	2362	2363
------	------	------



Package Information

L (mm)	W (mm)	H(mm)	Module pcs/carton (PCS)	Package weight (kg)
--------	--------	-------	-------------------------	---------------------

650

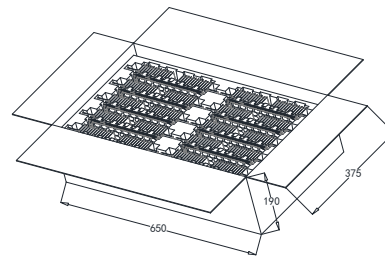
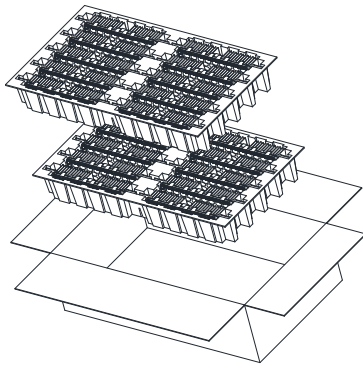
375

190

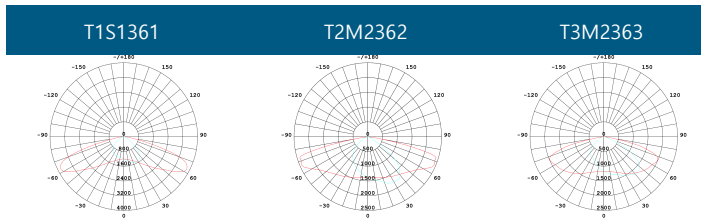
20

14.9

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



Lighting distributions



Version History

Change Date	Version	Description of Change		
		Item	From	To
20190819	Ver1.0	Data sheet release (new version)	/	/