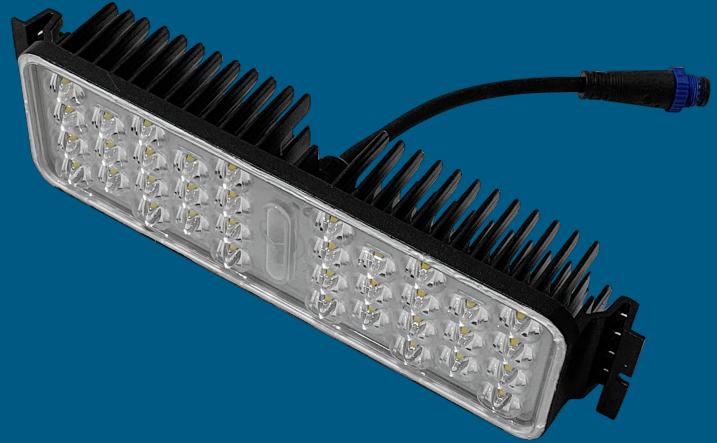


LED Module CK16BMAX Series



Specification

Working Environment: -40°C~+50°C

Storage Temperature: -40°C~+50°C

Relative humidity: 10%~90%RH

Typical Solder Point Temperature $T_s^{[1]}$: 60°C

IP Rating of LED Light Engine: IP68

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

Main Material: Aluminum ADC12

Module N.W.: 0.65±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;
- Factory lighting retrofit and application;
- Tunnel lighting retrofit and application;
- Sports lighting retrofit and application.

Ordering Information

For example : CK16Bmax-VBA-36-1371-7040-CM

Module Model	Interface	Dimension of LEDS	Wire Standard	LED Qty	Lens Model	Ra & CCT	LED Brand
CK16Bmax	V: V-shape groove	B : 5050	A:CCC+VDE	36 36PCS	1371 Type II Short	7030 : Ra≥70 , 3000K	CM: Customized LU: lumileds SN: Sanan XX : Other brand
			C:PSE		2373 Type II Medium	7040 : Ra≥70 , 4000K	
			H:UL		2375 Type II Medium	7050 : Ra≥70 , 5000K	
			X: Others		1351 40D Degree	7057 : Ra≥70 , 5700K	
					1352 60D Degree		
	3353 25D Degree						

Performance

Module Model	System Power (W)	Driving current (mA)	Input voltage (Vdc)	System Efficacy(lm/W)	Lumens (lm)	Module Efficacy (lm/W)[1]
CK16Bmax-VBA	40	700	50-64	177	7080	190~200
CK16Bmax-VBA	50	850	50-64	173	8650	185~195
CK16Bmax-VBA	60	1000	50-64	168	10080	180~190

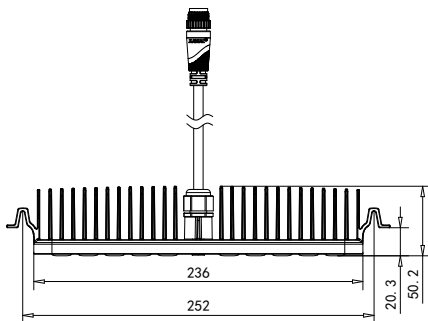
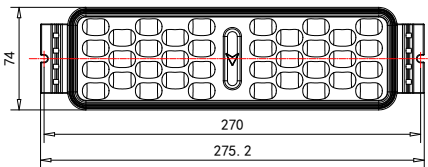
Note: Values shown are subject to $\pm 5\%$ ~ $\pm 8\%$ tolerance; Cable default A type;

[1] Module efficacy is based on calculated @100% power efficiency. Light efficacy of 3000K is 5% lower than other CCTs.

Dimensions

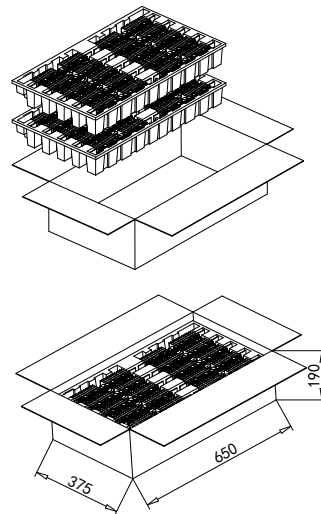
L (mm)	W (mm)	H (mm)
275.2	74	50.2

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



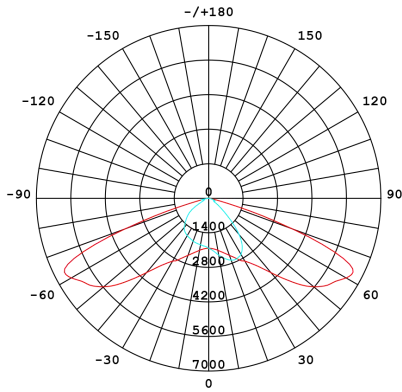
L (mm)	W (mm)	H (mm)	Module pcs/carton (PCS)	Package weight (kg)
650	375	190	20	14.5

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

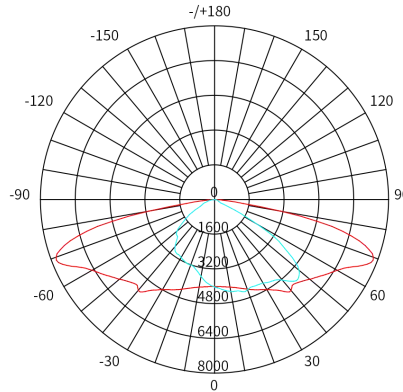


Lighting distribution

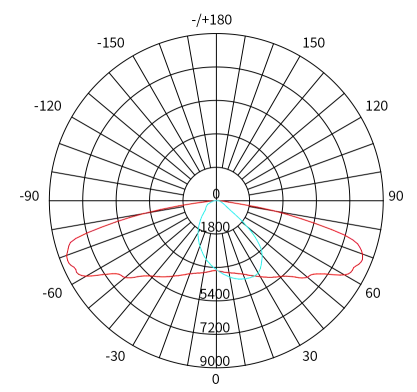
T2S1371



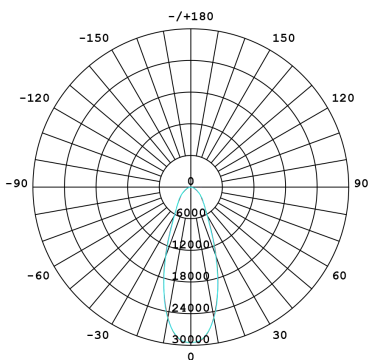
T2M2373



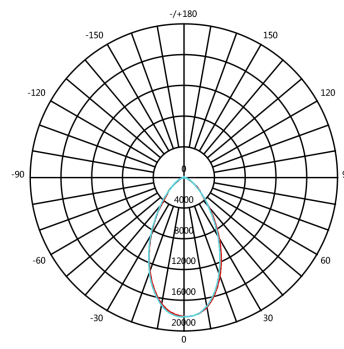
T2M 2375



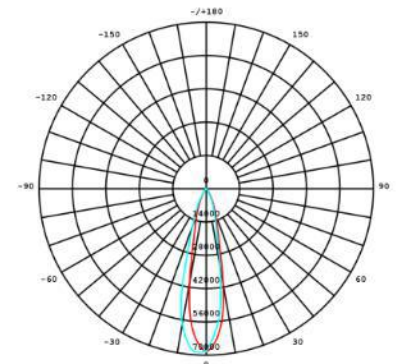
40D1351



60D1352



25D3353



Direction of module installation

1. There is an arrow indicating the direction on the module, as shown in the figure below. If the arrow only faces one side on the module, the module should follow the arrow orientation installation. As shown in the example on the right, the module is irradiated in the direction of the road (on the right), and the arrows should be pointed when the module is installed

(Install to the right). The arrows on the module point to the same red arrows as in the figure.



2. If module without arrow means symmetrical light distribution, so direction of module installation is not limited.



Version History

Change Date	Version	Description of Change		
		Item	From	
20200513	Ver1.0	Data sheet release (new version)	/	/
20201203	Ver1.1	1. Add light distribution; 2. Add the direction of module installation.	/	Add 1351 and 1352 lens
20210721	Ver1.2	Add light distributions;	/	Add,2373,2375 lens
20210809	Ver1.3	Add light distributions;	/	Add 3353 lens