

## LED Module M23C Series



### Specification

**Working Environment:** -40°C~+50°C

**Storage Temperature:** -40°C~+50°C

**Relative humidity:** 10%~90%RH

**Typical value of pad temperature<sup>[1]</sup>:** 65°C

**IP Rating of LED Light Engine:** IP68

**Color Temperature (CCT)<sup>[2]</sup>:** 3000K, 4000K, 5000K, 5700K

**Main Material:** Die-cast aluminum ADC12

**Module N.W.:** 0.30±0.02 kg

**Note :**

[1] Typical values of pad temperature is obtained based on ambient temperature of 25°C, 30W

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

[3] After special treatment, the module can be used in coastal areas, high ultraviolet areas and other special environments. If you want to use the modules in these environments, please contact HPWINNR sales for more information.

### Features

- Lumileds Luxeon 3030;
- Super long lifetime(Lumen maintenance);
- Wide applicability for complex situations;
- High versatility apply for all sorts of lamps retrofit;
- High quality surface treatment.<sup>[3]</sup>

### Application

- Garden lighting retrofit and application;
- Landscape lighting retrofit and application.

## Ordering Information

For example: M23C-XCA-30-2336-7040-SN

Module Model	Interface	Dimension of LEDS	Wire Material	LED Qty	Lens Model	Ra & CCT	LED Brand
<b>M23C</b>	<b>X</b> : Universal interface	<b>C</b> : 3030	<b>A</b> : CCC+VDE	<b>30</b> 30PCS	<b>2336</b> Lambert Type	<b>7030</b> : Ra≥70, 3000K	<b>LU</b> : Lumileds <b>SN</b> : Sanan <b>XX</b> : Others
			<b>C</b> : PSE			<b>8040</b> : Ra≥80, 4000K	
			<b>H</b> : UL			...	
			<b>X</b> : Others				

## Performance

Model	Power (W)	Driving current (mA)	Input voltage (Vdc)	Efficacy (lm/W)	Lumens (lm)
M23C-XCA-30	30	700	33~39	120	3600

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.

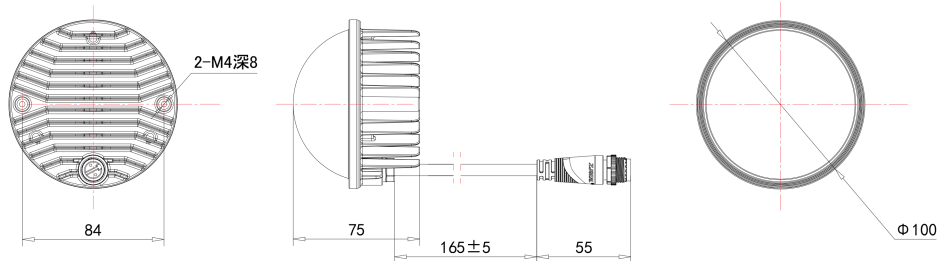
## Dimensions

Diameter (mm)	Height (mm)
Φ100	75

Tolerance: ±0.5mm

Lens code

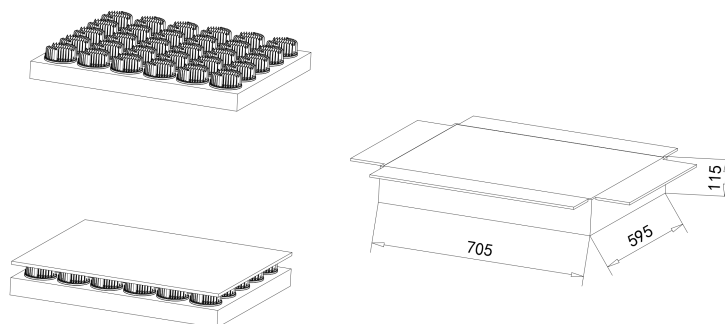
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## Package Information

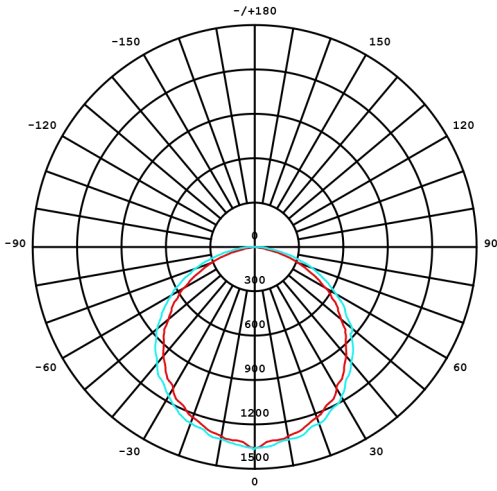
L (mm)	W (mm)	H (mm)	Module pcs/carton (PCS)	Package weight (kg)
705	595	115	30	10.5

Values shown are subject to ±5% tolerance.



## Lighting distributions

LBN2336



## Version History

Change Date	Version	Description of Change		
		Item	From	To
20210111	Ver1.0	Data sheets release (new version)	/	/