

- **Features**

Emitting color: white

Easy installation

Soft light

High Luminous Efficacy

Excellent colour rendition

Low power consumption

Long operating lifespan

Low decay

Infinitesimal thermal resistance, High heat dissipation efficiency



- **Description**

The White source color devices are made with InGaN on sapphire White Light Emitting Diode.

- **Applications**

LED daylight lamp

Reading lamp

Street lamp

LED backlight

Energy saving lamp

Indoor and Outdoor commercial lighting

Decorative and Entertainment lighting

- **Device Selection Guide**

Part No.	Chip		Lens color
	Material	Emitting color	
	InGaN	White	Yellow Diffused

- **Parameter**

item no	lighting area (mm)	pcb type	lighting source type	color temperature range (K)
	63.5×10.5	Aluminium	upper lighting	2700~8000

- **Optical Characteristics**

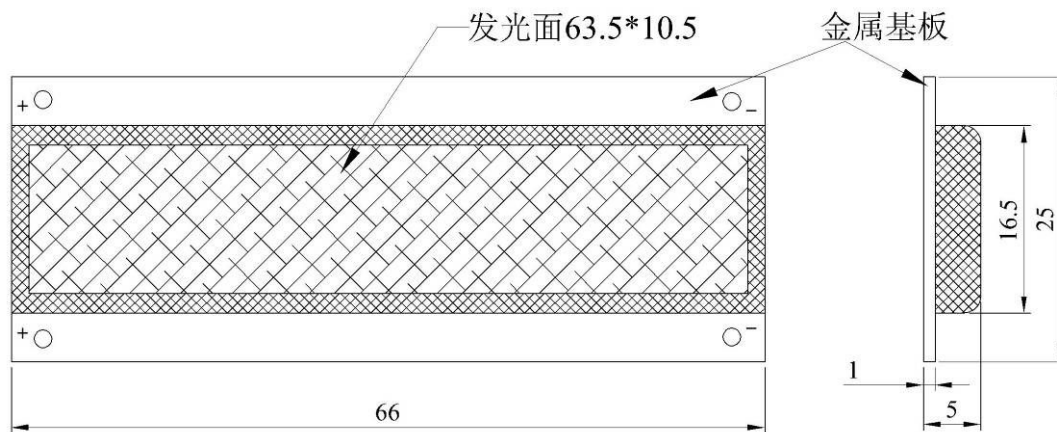
Symbol	Parameter	Min	Type	Max	Unit
$I_f$	Operating current	-	170	-	mA
$V_f$	Forward Voltage	5.6	6	6.6	V
$\Phi$	Luminous Intensity	100	110	-	Lm
$T_c$	Color temperature	-	6500	-	K
$R_a$	color rendering index	75	80	-	

● Absolute maximum rateings

Symbol	Parameter	min	type	max	unit
P	power dissipation	-	1	-	W
$T_o$	junction temperature	-40	-	65	°C
$T_{stg}$	storage temperature range	-40	-	85	°C

Note: the condition of the test result data in the diagram above is  $T_c=25$  degree ,the product of Light Panel with color temperature is 6400k.

● Package dimensions



● Caution

Led light panel needs to work with heat sink,control board temperature should be less than 65°C

Fill heat conducting pastes between LED light panel base board and heat sink

Connect power according polarity mark + and -