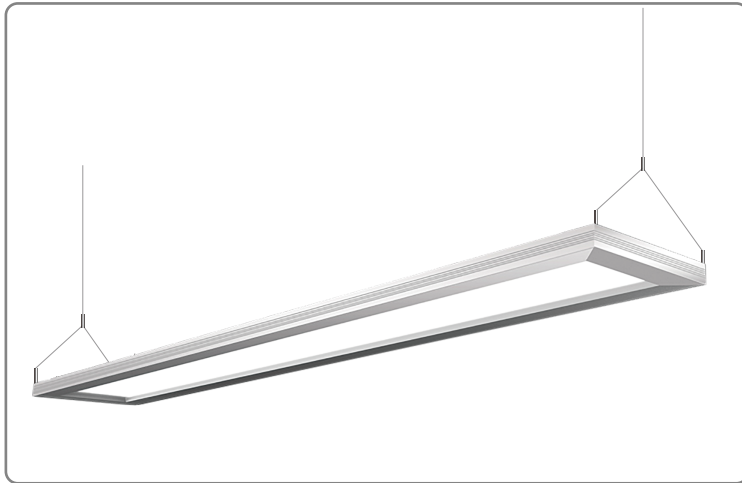


# Up-And Down Lighting LED Panel



## Description

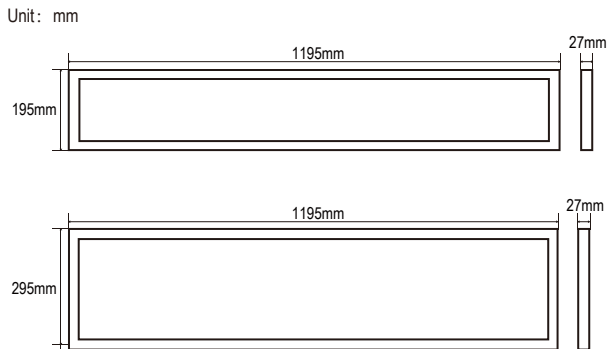
- ◆ Reasonable lighting configuration design, 30% uplight and 70% downlight .distribution (20%/30%/50% uplight distribution are optional)
- ◆ Unique design., high quality of surface processing.
- ◆ The surface is very clean and glossy, the light is soft and no glaring.
- ◆ Built-in high efficiency flicker free driver.
- ◆ Energy-saving, long lifespan, good CRI, easy installation.
- ◆ UGR<19,CRI>90,SDCM<5.



## Application

- Hotel
- Commercial Purpose
- Meeting Room
- School
- Residential & Institution
- Factory & Office
- Hospital
- Other lighting location

## Dimensions



## Photoelectric

Model Number:	Power	Dimension	Input	Ra	LED	Luminous Surface	Luminous Efficiency	Lumens Output	UGR	Beam Angle
GLM-SPL 12020B-40W	40W	1195*195*27mm	200-240V	90	4014	UP	50 LM/W	2000LM	25	160°
						DOWN	55 LM/W	2200LM	19	120-140°
GLM-SPL 12020B-50W	50W	1195*195*27mm	200-240V	90	4014	UP	50 LM/W	2500LM	25	160°
						DOWN	55 LM/W	2750LM	19	120-140°
GLM-SPL 12030B-40W	40W	1195*195*27mm	200-240V	90	4014	UP	60 LM/W	2400LM	24	160°
						DOWN	65 LM/W	2600LM	19	120-140°
GLM-SPL12030B-50W	50W	1195*195*27mm	200-240V	90	4014	UP	55 LM/W	2750LM	24	160°
						DOWN	60 LM/W	3000LM	19	120-140°

\*Specifications using 5700K and subject to change. All parameters +/- 10%.

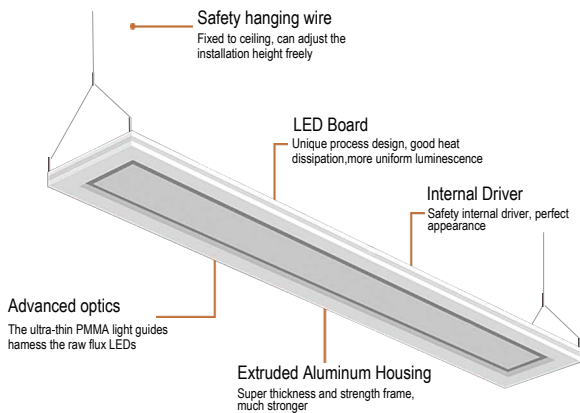
\*Available 3W on a per project basis.

# UP-And Down Lighting LED Panel

## Electrical Driver

Input	AC200-240V
Frequency	50Hz
Output Voltage	DC30-42V
Relevant	EN55015   EN550221   IEC61347-1
Power Factor	>0.9
THD	<20%
Power Efficiency	>85%
Protection	Surge   Short Circuit   Over Voltage   Over Current   Over Temp.
MTBF	Minimum MTBF 50,000 hours at 100% load & 40°C

## Structure



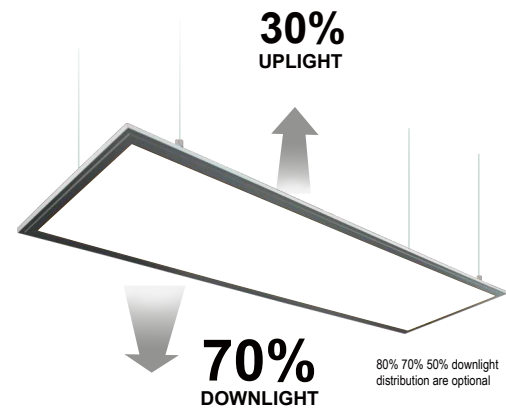
## Environment

Operating Temperature	-20°C ~ 50 °C
Storage Temperature	-20°C ~ 60 °C
Operating Humidity	90% Rh or below (@-20°C~40°C)
Application Area	Indoors
Lifespan	50,000 Hrs



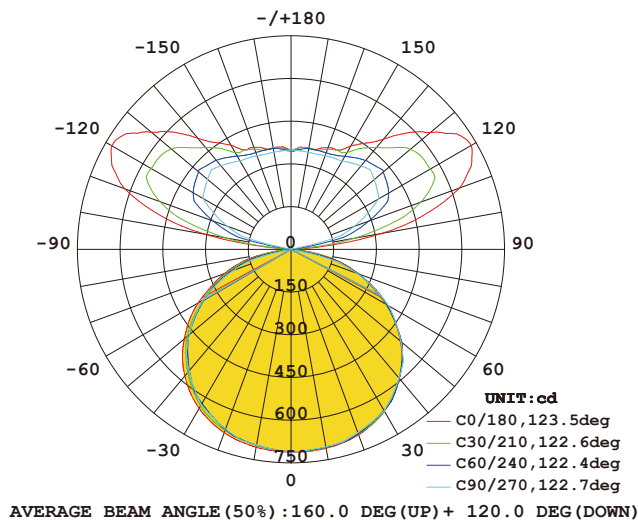
## Light source

LED Type	4014
Color Accuracy(CRI)	80
Color Temperature	3000K/4000K/5000K/5700K



## Testing

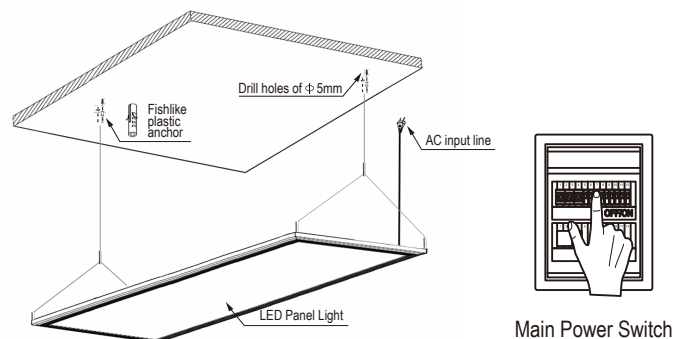
### LUMINOUS INTENSITY DISTRIBUTION DIA



GLM-SPL12030B-40W

## Installation

### Suspended type



1. Drilling holes in the ceiling and locking the suspension rope ;
2. Attach other end to panel;
3. Turn off the main power switch and connect the power cord of the lamps ;
4. Using a Spirit Level, adjust cable length to suit desired height.