

PRODUCT DATA SHEET

MODE : 12V-2835*6

COLOR : 2200-9000K

60*65*5MM(**OSRAM**)LED'S
CONSTANT VOLTAGE 12DC MODULES
FOR : 120-200MM SIGNAGES
HP6W LED MODULES FOR LIGHTBOX



GDS-BL660

UL	CE	RoHS	2835 OSRAM	6 LEDS	MODULES	DC 12V	IP 65	4 YEARS WARRANTY
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PRODUCT FEATURES

- Good Heat Sink system. Low Brightness Decline. Life span Up to 50,000hours
- High efficacy led chip
- ABS Base and Overall Lens
- Innovative Over-molded Way. Generate Finest LED Module
- 175 viewing angle
- Ip67 rating
- Constant current technology
- Dimmable range is 10%-100% PWM
- For over 5 inches depth lighting box
- Double Faced Tape or Screw Hole to Make Installation Easier

TECHNICAL PARAMETERS

INPUT VOLTAGE :	12V DC
POWER :	6W
LUMENS :	540±15LM
EFFICENCY :	90LM/W
VIEWING ANGLE :	175°
CURRENT :	500MA
WATERPROOF :	IP65
SERIES :	20PCS
COLOR :	2200-9000K
LED TYPE :	6*2835 (OSRAM)
CONSTRUCTION :	ABS=PVC=HEATSINK MATERIAL, PC OPTILENS, ALUMINUM PCB
WIRESIZE :	1.2 SQUARE MM
PRODUCT INSTALLATION :	3M TAPE= 2 HOLE SCREW FIXING
STORAGE TEMPERATURE :	_ -25-70
WORKING TEMPERATURE :	_ 25-60
CERTIFICATION :	CE,ROHS,EMC,UL

SPECIFICATION

PHOTOELECTRIC PARAMETERS

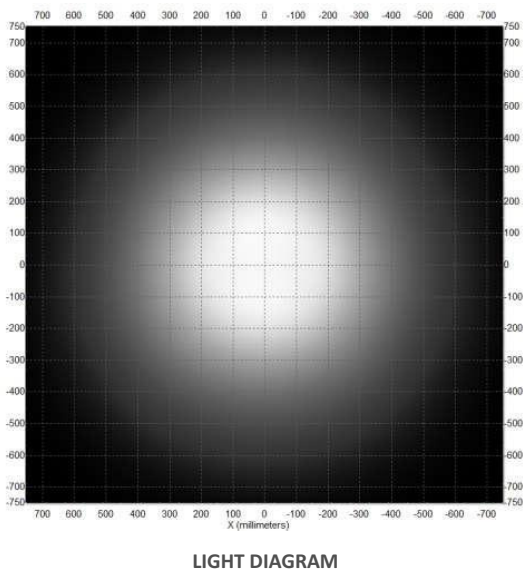
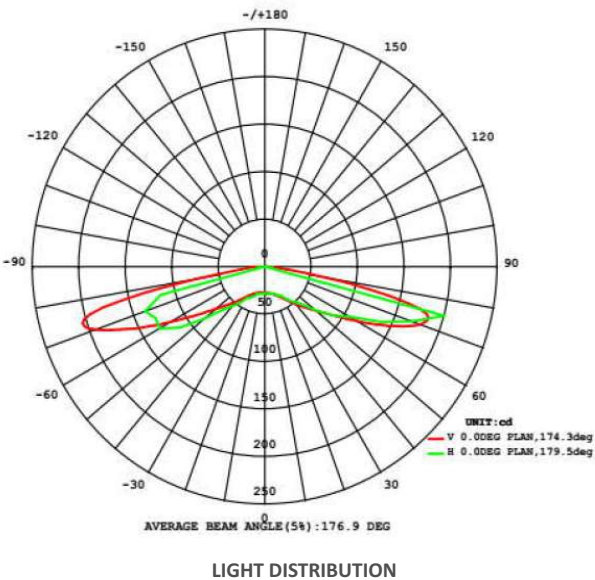
CODE NO.	LED	COLOR	COLOR TEMPERATURE	VOLTAGE (V)	WATT (W)	LUMEN (LM)	EFFICIENCY (LM/W)
GDS-OIM-6W	2835	WHITE	6500K 7500K 9000K	12	6	540	90

PHYSICAL PARAMETERS

SERIES CONNECTION (PCS)	VIEW (°)	WEIGHT (G)	LIFE SPAN (HOURS)	SIZE (MM)	WORKING ENVIRONMENT (°C)	IP
20	175	62	50000	67.5*60* 10.8	-25-+70	65

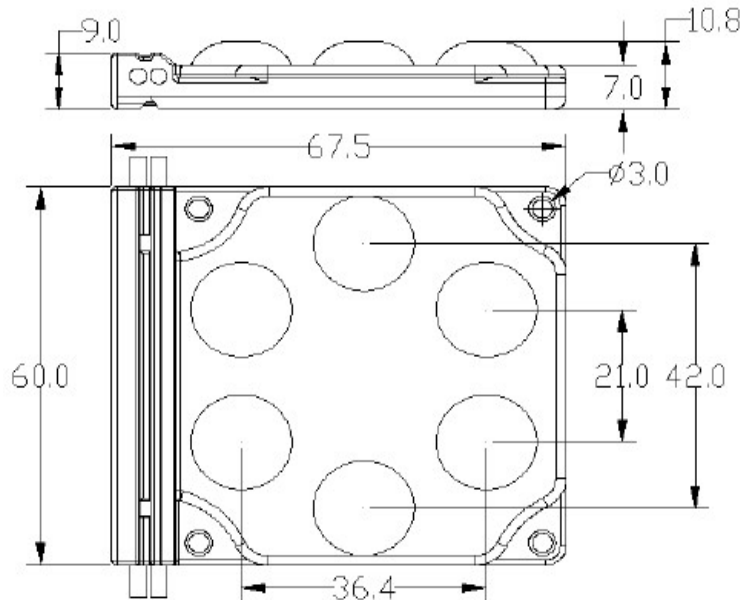
NOTE: 1. TEST CONDITION TA=25±2 °C ; 2.CC-CONSTANT CURRENT 3. THE MENTIONED DATA ARE TYPICAL. THE REAL DATA ARE DIFFERENT FROM TYPICAL DATA.

LIGHT DIAGRAM AND LIGHT DISTRIBUTION



DIMENSION

UNIT IN MM



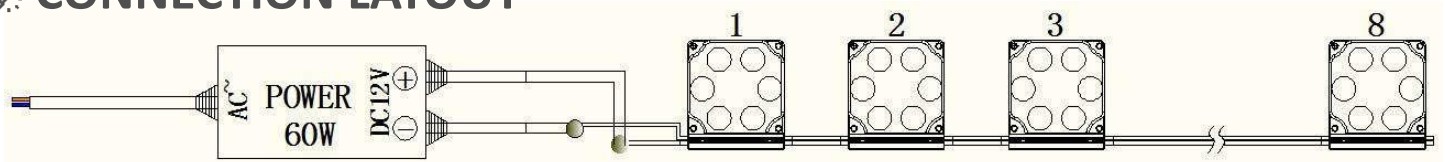
DEPTH GUIDE

LED	LIGHTING BOX DEPTH1*(MM)	DENSITY (PCS)	MIN~MAX (LUX)	SIZE (MM)	MIN~MAX (CD/M ²)	IP
GDS-OIM-6W	175	62	50000	67.5*60* 10.8	-25~+70	65

Remarks:

- The test data is recorded under such condition
3mm Depth Mitsubishi White Acrylic
The light transmission rate of the Acrylic is 60%

CONNECTION LAYOUT

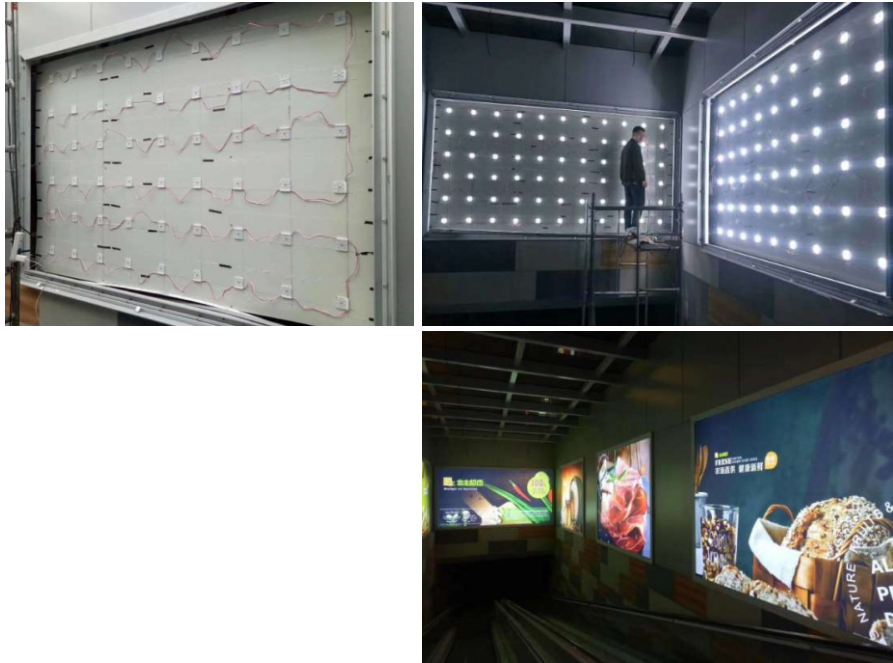
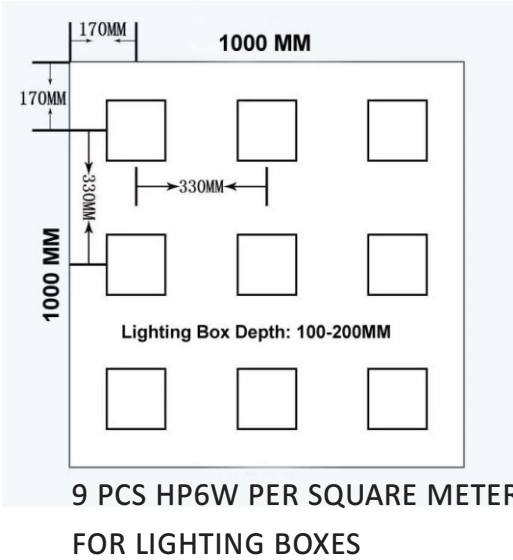


Remarks:

- 8pcs connection for 60w power supply, every 8pcs need to connect with main wire
- No electricity when operate on the leds
- The main wire should be bigger than 11 AWG

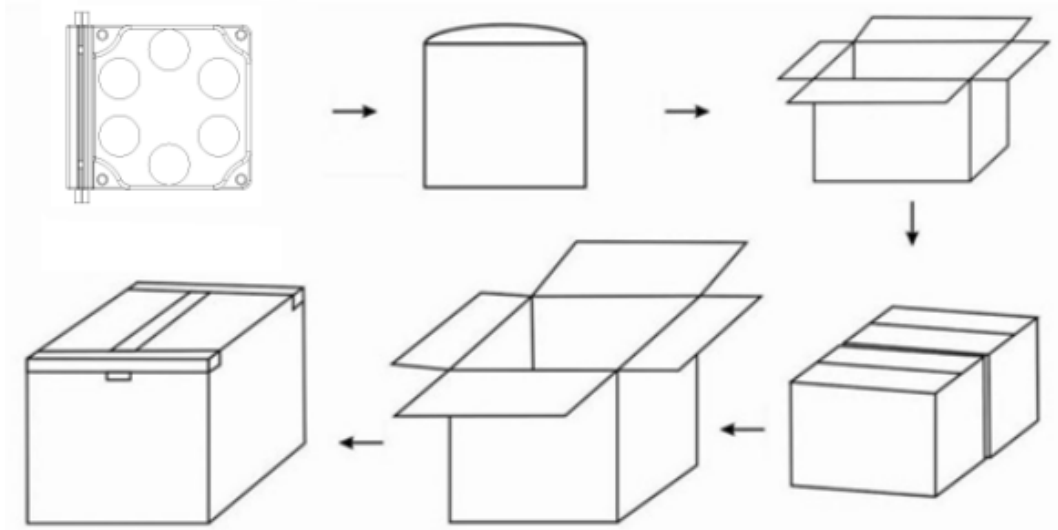
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INSTALLATION



STEP 1	STEP 2	STEP 3
Unbox the LED modules. After calculating how many modules are required, cut the wire.	Peel off sticker protector and appose on clean surface at the bottom of the sign.	Secure modules with #6 pan head sheet metal screws or 1/8 inch aluminum rivets.
STEP 4	STEP 5	STEP 6
Use wire nuts, IDC connectors or buttsplisce connectors.	Connect power supply to first module on string, red-to-red and black-to-black.	Connect the AC line to the black (line) and white (neutral) input wires of the power supply using twist-on wire connectors or ballast disconnect (12-18 AWG)

PACKAGE



- 260pcs/carton Carton Size : 500*350*315mm
- Net Weight : 19.0 (1±10%) kg ; Gross Weight : 20 (1±10%) kg ;
- The quantity and weight can be different if packing be changed

[Note]



- Handle them with care
- Can not be operated in in flammable and explosive place
- Operation should be under Turn off power
- Can not be operated in place near heat source
- Remove cover should be authorized
- Any questions about led module. Please feel email us to get professional advice