

## DATA SHEET: SMD HB ALU1 160°



Series Name:MOD. ECOLED SMD HB ALU 1 160° 1 LED PZ.50

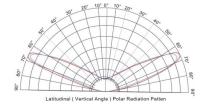


Code Colour
LOEFNHBW1ALU White - Daylight





**RoHS** 



#### **Technical Data:**



- **ECOLED SMD HB ALU1**: 45\* lumen per module, viewing angle 160°, current control;
- IP67 Water and Powder resistance;
- Ideal for backlighting channel letters and small sized light boxes, 40 mm minimum

## thickness;

- 50 modules chain, can be cut on wire between every module;
- Chain Length: 6,5 metres Spacing between modules: 10,5 cm;
- Low power consumption, luminous efficacy 94\* lm/W,
- 5 Years Warranty.

### **Specifications:**

LED Type LED 2835 SMD
Colours White DL/Red/Blue/Green/Yellow
Viewing Angle 160°

Luminous Flux per Module

Whit	e DL
45 lu	men

Colour Temperature

White DL	
6000/7000 °K	

LEDs/Module 1 LEDs

\*\* Lifetime 50.000 Hours

\*\* Warranty 5 Years

### **Electrical Parameters:**

Input Voltage 12VDC

Module Wattage 0,48W White DL

Power Supply Constant Current

# Wires and connections:

Wires White/Red=positive, White=negative

Maximum Number of Modules per String 50 Modules

#### **Components:**

Shell ABS
Dimensions 28 x 16 x 5,8 mm

## **Fixing Method:**

Screws ¢ 2.6 ---- ¢ 3.0

Double Sided Tape Included

## **Enviromental Parameters:**

Operating Temperature  $-25^{\circ}\text{C}$  / +60° C Warehouse Temperature  $-40^{\circ}\text{C}$  / +75° C IP Grade IP67

Rev: 10/19 - FB



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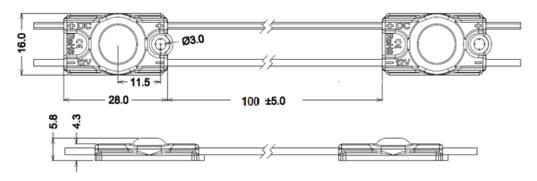




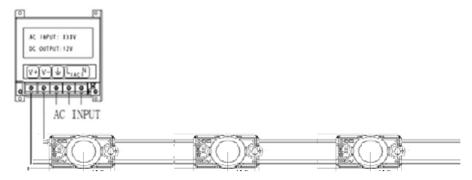




## Dimensions (mm):



## **Connection Diagram:**



## **Notes:**

- 1. Wire thickness have to be chosen according to current, power, length of wire extension (max. 5 meters) and leakage;
- 2. Both ends of the extension should be waterproof;
- 3. Do not work on ECOLED products in electrostatic or electrified environments;
- 4. Maximum 50 pieces connected for each string, do not exceed;
- 5. Use only high quality LED drivers (with protection against blackouts, overvoltage and overloading);
- 6. Use waterproof connectors specifically made for low voltage connections;
- 7. Do not exceed 10/12 hours of working cycle.
- \*\* See point 3: "Warranty terms and conditions".
- \*\* Warranty: complete text available on demand.

Country of origin [COO]: PRC.