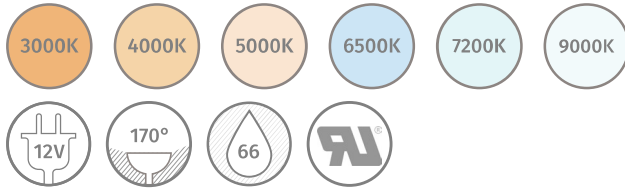


# OpticMax 3D Series VER. 3.0.0



## Product Description

1. High-quality LED module with full brightness, consistent color, and anti-static properties.
2. Available in a 12V system, constant current circuit drive and can be cut into a single module.
3. Incredible 170° optical lens ensures maximum, even light output over the sign face.
4. PCB is made of glass fiberboard for effective heat dissipation.
5. IP66 and UV resistant, with fully integrated molding and lens

**Application:** The OpticMax 3D is a reliable everyday solution for channel letters and light boxes over 3" deep.

## Technical Parameters

Item #	Voltage / V	Wattage w/ PC	Lumen / LM	Efficacy/ LM/W	CCT/K	CRI
OM-3D-WXCL	DC 12V	1.0	105	105	3000±150	80
			110	110	4000±200	80
			110	110	5000±500	80
			110	110	6000±500	80
			105	105	7000±500	80
			110	110	9000±1000	80

**NOTES:**

1. Above data is obtained from the EVERFINE 0.5M integrating sphere, the test temperature is 77°F;
2. There may be ±10% difference in photoelectric parameters;

## Structure Parameters

Part #	Dimension	Module/FT	Viewing Angle	Max Run (pcs)	IP Rating	Working Temperature	Storage Temperature
OM-3D-WXCL	2.5*.58*.39 in	1.5	170°	50PCS	IP66	-13~+122° F	-13~+140° F
Installation Method	Adhesive pre-fixed/screw fixed or fixed with neutral silicone						



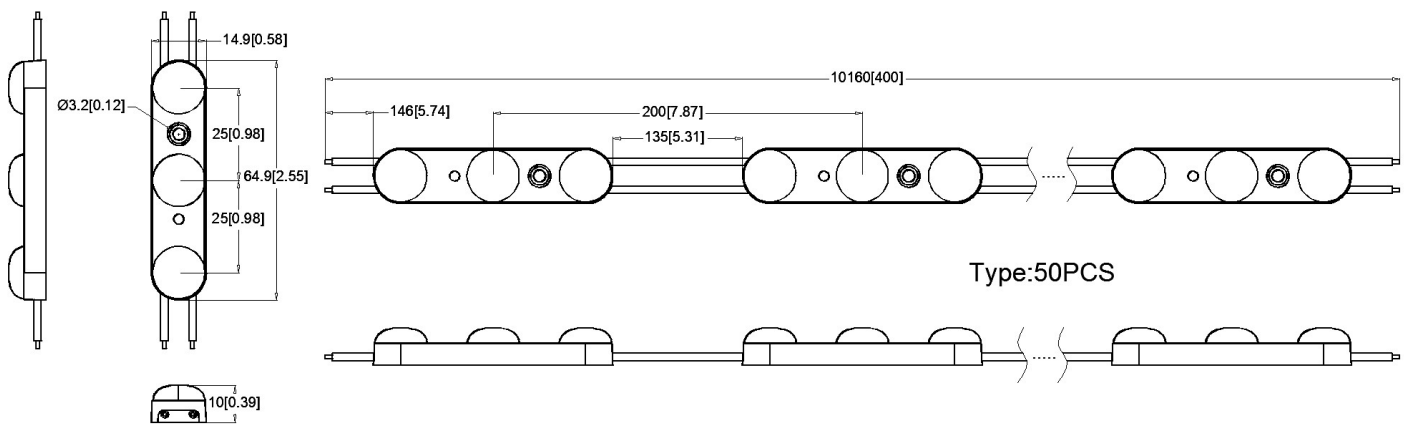
## Power Supply Maximum Loading Capacity\*

Power Supply	60W	100W	150W	180W	240W
By Module	54	90	135	162	216
By Footage	36	60	90	108	144

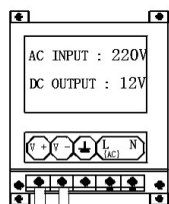
\*Due to voltage drop, a maximum of 50 modules can be run before power needs to be reintroduced

## Outline Dimension Diagram

UNITS: Millimeters [Inches]



## Connection Diagram



**Wiring scheme:** Max run is 50PCS, single end adopt DC12V power supply

**NOTE:** To prevent short circuits, it is best to insulate the end of the wire with electrical tape or a wiring plug.

