

LED Strip Lighting Model: ILLUM-240-X-12 Features	
Input Voltage	DC 12V
CRI	80/90/95
Max Power	12 W/m
IP Rating	IP67
Warranty	3 Years
Operating Temperature	-25~40°C, Tc: 75°C (max)
PBC	3 Ounce Copper
Luminance Efficiency	Up to 90LM/W
Lifespan	Over 60000H
CRI	Ra>90, Color: 4000K
LED Qty	240
Lumen (lm/w)	75
Lumen (lm/m)	920
Lumen (lm/ft)	283
Waterproof Grade	IP67
Beam Angle	Wide Viewing Angle 120°
Can be cut every	12.5mm
Accessories	Silicone end caps for 8mm LED strip with silicone tube
Installation Requirements	Observe safety standards and electrical polarity

Magnetic Sheeting and Niche Information:

Item	Description
3.5" Magnet	60 Mil (.060) magnet thickness
18mm magnet	60 Mil (.060) magnet thickness
Extruded aluminum channel	Black with exterior width of 18mm and height of 8.5mm
Plastic diffuser lens	Slides into the channel
Wiring harness	PH 2.0 2P Housing white, Terminal: PH 2.0 Terminal, UL1007 22AWG color: red/blue

Niche Specifications:

Characteristics	Details
Inside Dimensions (inches)	5x8, 8x5, 13x13, 13x25, 25x13, 13x49, 49x13, all with a 3.5" depth
Weight (lbs per square inch)	0.00347
Outer Shell	Acrylic polymer-based product
R-Value ($^{\circ}\text{F} \cdot \text{ft}^2 \cdot \text{h} / \text{BTU}$)	2.3 (Test Method- ASTM C518)
Compressive Strength (avg. psi)	250 (Test Method- ASTM D2394)
Moisture Movement (%)	<0.07 (Test Method- ASTM D1037)
WVT Permeance (perms)	<1 (Test Method- ASTM E96)
Resistance to Fungi / Bacteria	No Growth (Test Method- ASTM C627)