

# WATERPROOF LIGHT BAR

*“NEW”*

## Benefits

- Available in full range of single colors and RGB full color
- Available in different lengths 0.4m, 0.5m, 0.8m , 1m single color and 0.3m RGB full of color
- Various choices for viewing angles from 40-120 degrees
- Low input voltage 12V DC or 5V DC
- Totally waterproof

## Applications

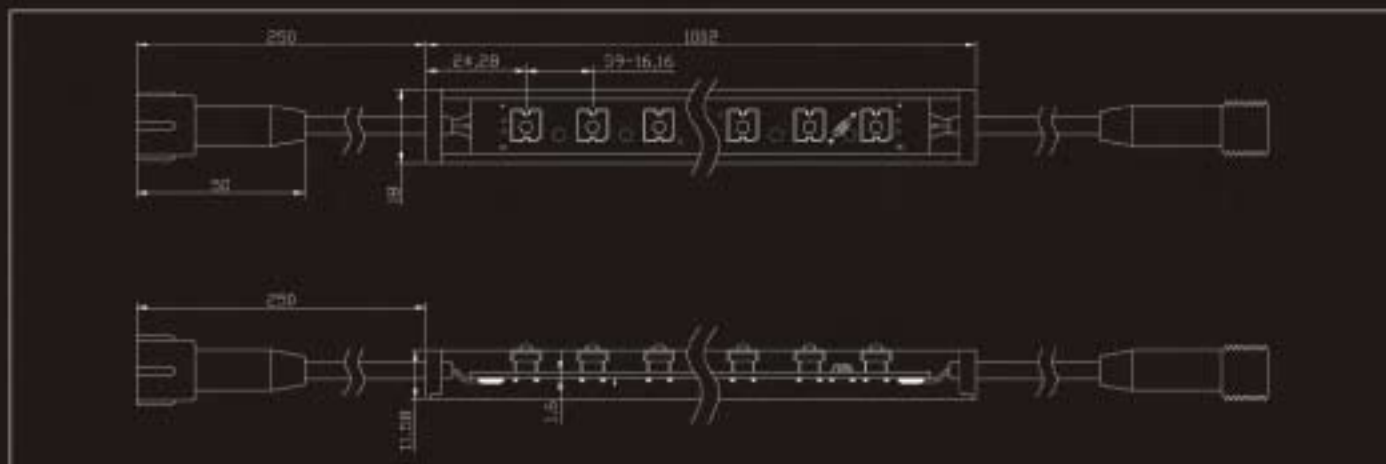
- Backlighting for larger size ad-signs
- Elegant interior decoration
- Nice accent lighting lamps
- Landscape outlines, etc
- Signal lighting

## Basic Technical Data

- Working voltage: 12V DC (RGB tri-color used 5V DC)
- Working current: 150 ~180mA (0.4m, 25-LED)  
170~ 200mA (0.5m, 30-LED)  
340mA~400mA (1m, 60-LED)



# WATERPROOF LIGHT BAR



Part Number	Color	Material	Description	Luminous flux(lm)		Viewing Angle 20V2	Voltage (V)	Current (mA)
				Min.	Typ.			
LE-105R30K3C4-12V	Red	GaAlInp	30 LEDs, 0.5 meter, two mating wires out from two ends	22	27	80	12	170-200
LE-105Y30K3C4-12V	Yellow	GaAlInp		22	27	80	12	170-200
LE-105B30K3C4-12V	Blue	InGaAlN		14.5	18	80	12	170-200
LE-105G30K3C4-12V	Green	InGaN		38	48	80	12	170-200
LE-105W30K3C4-12V	White	InGaAlN		42	53	80	12	170-200

# WATERPROOF 1W HIGH POWER LED MODULES

**“NEW”**

## Benefits

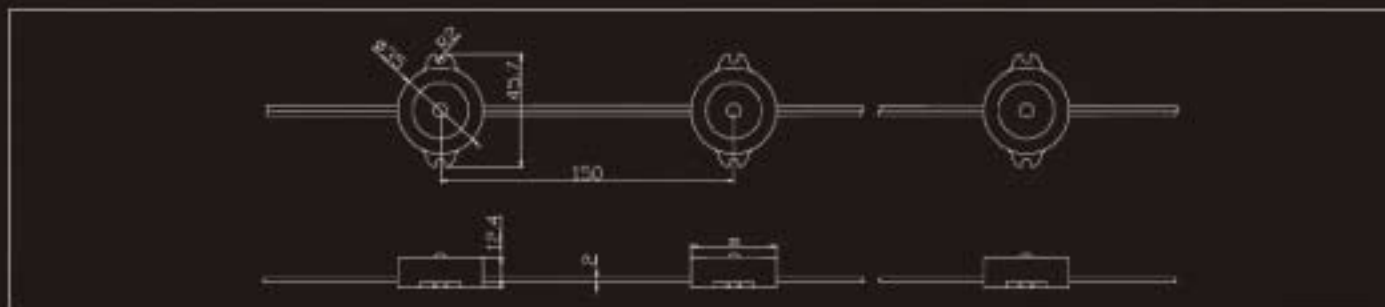
- With 1W High Power LED
- Available in Red, Green, Blue, White
- Constant voltage: 12V/24V DC or AC
- It is fully waterproof, IP67

## Applications

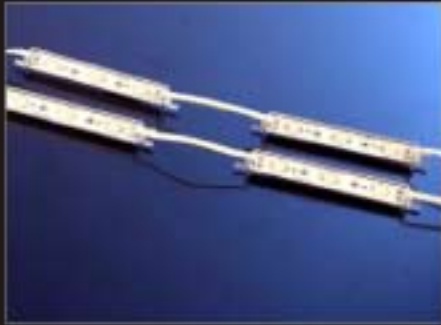
- Architectural decorative lighting
- Channel letter lighting
- Backlighting for signage letters

## Basic Technical Data

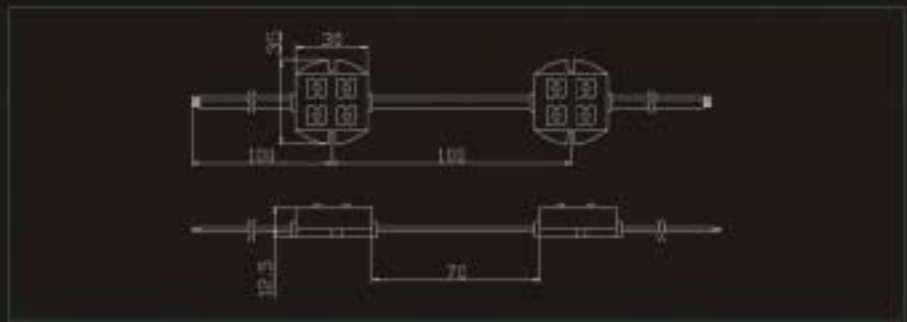
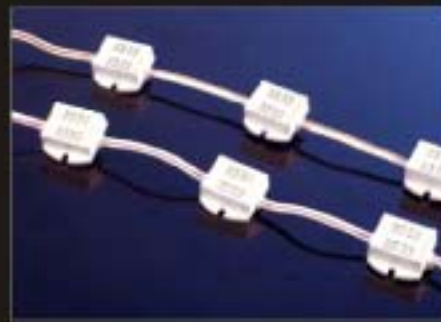
- Size ( L X H ):  $\Phi 35$  X 12.4mm ( 1pcs Module )
- Working voltage: constant 12V/24V DC or AC



Part Number	LED Quantity/type	Input(V)	Power(W)	Luminous flux(lm)		Color temperature(K) Dominant Wavelength(nm)	Viewing Angle 2 $\theta$ /2	Protection Class(IP)
				Min.	Typ.			
LE-HMW1N1A1-S1	1/Hi-Power	12/24(DC or AC)	1	45	58	5000-8000	120	67
LE-HMYW1N1A1-S1	1/Hi-Power	12/24(DC or AC)	1	34	46	3000-3800	120	67
LE-HMR1N1A1-S1	1/Hi-Power	12/24(DC or AC)	1	18	34	620-630	120	67
LE-HMG1N1A1-S1	1/Hi-Power	12/24(DC or AC)	1	42	68	522-530	120	67
LE-HMB1N1A1-S1	1/Hi-Power	12/24(DC or AC)	1	6	14	460-464	120	67
LE-HMY1N1A1-S1	1/Hi-Power	12/24(DC or AC)	1	13	22	586-592	120	67



Part Number	Color	LED Quantity	Luminous Flux (Lm)		Viewing Angle 2θ1/2	Voltage (V)	Current (mA)
			Min	Typ			
LE-7060R3L6C2-12V	Red	3	49	94.2	110-140	12	150
LE-7060B3L6C2-12V	Blue	3	17	49	110-140	12	150
LE-7060G3L6C2-12V	Green	3	122.3	206	110-140	12	150
LE-7060W3L6C2-12V	White	3	37.5	82.6	110-140	12	150
LE-7060Y3L6C2-12V	Yellow	3	37.5	82.6	110-140	12	150



Part Number	Color	LED Quantity	Luminous Flux (Lm)		Viewing Angle 2θ1/2	Voltage (V)	Current (mA)
			Min	Typ			
LE-105R4L7C2-12V	Red	4	2.8	3.6	80	12	34-44
LE-105Y4L7C2-12V	Yellow	4	2.8	3.6	80	12	34-44
LE-105B4L7C2-12V	Blue	4	2	2.4	80	12	34-44
LE-105G4L7C2-12V	Green	4	5.2	6.4	80	12	34-44
LE-105W4L7C2-12V	White	4	4	6	80	12	34-44

# Connection & Packing Method for LED Modules

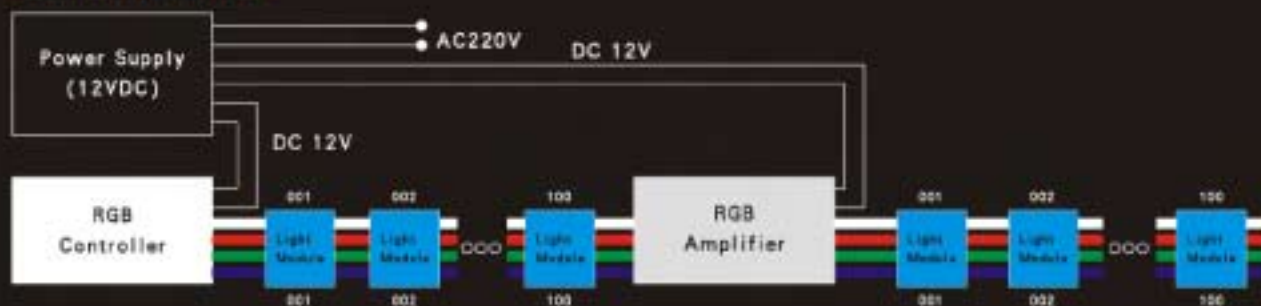
## RGB Connection Method



RGB AMPLIFIER  
LE-AH3H10



### Connection method 1



### Connection method 2



Normally, RGB Controller can control max 100pcs waterproof LED modules. If you want connect waterproof LED modules more than 100pcs, you should choose RGB Amplifier.

## 【 Product Application 】

