

BATWING - The Future Light

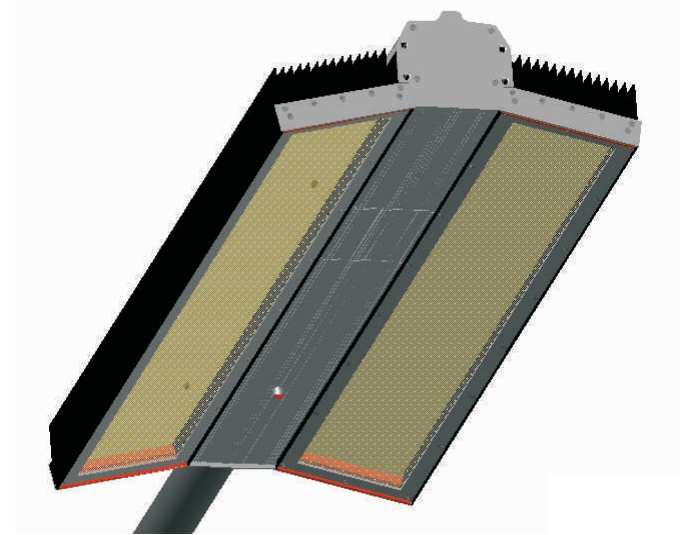
High Power Outdoor LED Light

BW
series

With its unique, innovative and efficient design in outdoor LED lights, MicroLite offers BATWING series of outdoor lights, which are designed and manufactured using state of the art technology and MicroLite's rich experience in LED lights design and manufacturing.

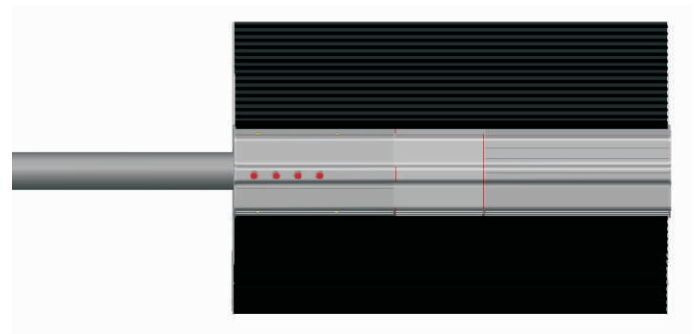
- Unbeatable Performance.
- True Energy Saving Light.

BatWing series is weatherproof, long life and aesthetically pleasing design offering best cost / performance ratio and a real value for money. The benefits like superior quality, best performance and long life make the BatWing a clear choice for outdoor applications.



Features

- Solid State LED Light.
- Upto 150W designs available.
- Higher efficiency (light output / watt).
- Cool light, does not generate heat.
- No Lumen depreciation.
- No choke, No starter, No flicker
- True energy saving - High Power Factor.
- No harmful emissions.
- Explosion Proof Power Supply.
- Better uniformity.
- Wide beam angle.
- Cool White or Warm White
- Pole Mount.
- No maintenance required.
- Slim and flexible - weather proof design



Applications

Outdoor lighting, Lawns, Walkways, Streets, Highways, Tunnels and many more places where energy efficient, good and uniform lighting is required.



BatWing - Technical Data

Operating Voltage	220VAC or 12/24VDC
Power Rating	50 / 100 / 150 Watts
Power Factor	> 0.95
Luminous Flux (Lumens)	6000 / 12000 / 18000
Efficacy	120 Lumen / Watt
Color Temperature	Cool, Pure & Warm White
Beam Angle	> 120°
Light Source	Surface Mount LED

Life Span	>60,000 Hours / 15 Years*
Operating Temperature	-10° ~ +55° C
Operating Humidity	0 - 95% Non-Condensing
Dimensions (L x W x H)mm	316 / 494 / 724 x 326 x 111
Weight	7.25 / 10.25 / 14.2 Kg
Ingress Protection	IP-67
Warranty	12 Months
Mounting	Pole / 2" Pipe

* Lamp life (by design), Based on 8 Hours / Day usage

Energy Saving Comparison

Factors	Outdoor Lights	
	BW-100 (100W)	250W Sodium Lamp
Lamp Power Consumption	100 W	250 W
Total Power Consumption (including power supply)	115 W	320 W ⁽¹⁾
Life Span (Hours)	60,000	8,000
Comparison of Energy Consumption (For 10 lights)	Based on 10 Light Units	
Total Power Consumption (Watts)	1150	3,200
Electricity Consumption / Day (KW-Hour) ⁽²⁾	11.5	32
Annual Electricity Consumption (KW-Hour)	4,197	11,680
Cost of Energy & Maintenance (For 10 lights)	Based on Rs. 15 / Unit of Electricity	
Cost of Energy consumption / Year (Rupees)	62,962	175,200
Cost of Lamp Replacement ⁽³⁾	N/A	1,500
Cost of Labour	N/A	1,000
Cost of Choke Replacement	N/A	1,500

For further information, please contact

(1) Magnetic Ballasts waste too much power

(2) Based on 10 hours operation / day

(3) Electrode failure is a common problem in sodium lamp

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