

Light Sticks

Krill® Lamp

The Electroluminescent Light Stick

History of Electroluminescent

An Electroluminescent lamp is electrically similar to a capacitor and consists of a dielectric layer and a light emitting phosphor layer sandwiched between two conductive surfaces. The primary purpose of the dielectric layer is to allow the lamp to withstand higher voltage without shorting between the conductive surfaces. EL lamps illuminate when powered with alternating current (AC-power). As voltage is applied to the conductive surfaces, an electric field is generated across the phosphor and dielectric layers. Twice during each cycle electrons are excited from the valence band into the conduction band. Many of these excited electrons emit light through the transparent front electrode as they return to their ground state.

The Krill® Lamp series of EL lamps was designed to replace 8 and 12 hour, 6 inch chemical light sticks. The light output lasts over 120 hours per set of 2 AA batteries and is equal to a chemical light stick after it has been activated for about 2 hours. The total life of the Krill lamp is approximately 3000 hours.

Krill® Lamp

The Original of the Krill® Lamp series. This lamp produces a soft glow, that lasts over 120 hours per set of 2 AA batteries. Available in Green, Blue, White, Yellow, Orange, and Red (in order of intensity, green being brightest).

180 Krill® Lamp

The second of the Krill® Lamp series. This lamp produces a soft glow over 1/2 of the lens area or 180 degrees. The unlit area is covered by the hook side of a strip of Velcro hook and loop material. The loop portion is also included. The light lasts over 120 hours per set of 2 AA batteries. Available in Green, Blue, White, Yellow, Orange, and Red (in order of intensity, green being brightest)

Key Benefits

120 Hours per set of 2 AA batteries

Velcro backed for ease of hanging

Water Proof to 150ft

Impact resistant

6 Colors

On/Off capabilities

Small size & Light weight

Replace hundreds of chemical light sticks

Operates for pennies per hour

Night vision compatible

Not affected by temperature or Humidity



Actual Size: 5 inches in length
1 inch in diameter at the base.

Weight: 3oz with 2AA batteries
(not included)

Light Sticks

Krill® Lamp

The Electroluminescent Light Stick

Extreme Krill® Lamp

The newest of the Krill® Lamp series. This lamps produces a glow that is about twice as bright as the original, but lasts over 50 hours per set of 2 AA batteries. Available in Green, Blue, White, Yellow, Orange, and Red (in order of intensity, green being brightest) The light output is the equivalent to a chemical light after it has been activated for about an hour.

Extreme 180 Krill® Lamp

The **BRIGHTEST** of the Krill® Lamp series. This lamps produces a glow over 1/2 of the lens area or 180 degrees. The unlit area is covered by the hook side of a strip of Velcro hook and loop material. The loop portion is also included. The light lasts over 50 hours per set of 2 AA batteries. Available in Green, Blue, White, Yellow, Orange, and Red (in order of intensity, green being brightest) The light output is the equivalent to a chemical light after it has been activated for about an hour.

Key Benefits

- 50 Hours per set of 2 AA batteries
- Almost twice as bright as the Krill® lamp
- Water Proof to 150ft
- Impact resistant
- 6 Colors
- On/Off capabilities
- Small size & Light weight
- Replace hundreds of chemical light sticks
- Operates for pennies per hour
- Night vision compatible
- Not affected by heat or humidity



Light Sticks

Krill ® Lamp The Electroluminescent Light Stick

Description	Approximate Battery Life (2 AA)	Degree of Lit area	Krill Part Number	NSN
Krill Lamp Green	120 Hours	360	11-K-360-L-Green	6230-01-464-8069
Krill Lamp Blue			12-K-360-L-Blue	6230-01-464-8072
Krill Lamp White			13-K-360-L-White	6230-01-464-8073
Krill Lamp Yellow			14-K-360-L-Yellow	6230-01-464-8074
Krill Lamp Orange			15-K-360-L-Orange	6230-01-464-8077
Krill Lamp Red			16-K-360-L-Red	6230-01-464-8078
180 Krill Lamp Green		180	21-K-180-L-Green	6230-01-464-8079
180 Krill Lamp Blue			22-K-180-L-Blue	6230-01-464-8082
180 Krill Lamp White			23-K-180-L-White	6230-01-464-8083
180 Krill Lamp Yellow			24-K-180-L-Yellow	6230-01-464-8084
180 Krill Lamp Orange			25-K-180-L-Orange	6230-01-464-8296
180 Krill Lamp Red			26-K-180-L-Red	6230-01-464-8297
Extreme Krill Lamp Green	50 Hours	360	31-K-360-X-Green	6230-01-464-8295
Extreme Krill Lamp Blue			32-K-360-X-Blue	6230-01-464-8305
Extreme Krill Lamp White			33-K-360-X-White	6230-01-464-8306
Extreme Krill Lamp Yellow			34-K-360-X-Yellow	6230-01-464-8308
Extreme Krill Lamp Orange			35-K-360-X-Orange	6230-01-464-8311
Extreme Krill Lamp Red			36-K-360-X-Red	6230-01-464-8313
Extreme 180 Krill Lamp Green		180	41-K-180-X-Green	6230-01-464-8320
Extreme 180 Krill Lamp Blue			42-K-180-X-Blue	6230-01-464-8322
Extreme 180 Krill Lamp White			43-K-180-X-White	6230-01-464-8321
Extreme 180 Krill Lamp Yellow			44-K-180-X-Yellow	6230-01-464-8323
Extreme 180 Krill Lamp Orange			45-K-180-X-Orange	6230-01-464-8325
Extreme 180 Krill Lamp Red			46-K-180-X-Red	6230-01-464-8327