

LX25 SERIES

INTELLIGENT SOLAR LIGHTING PHILIPS LUMILEDS

for public parks, walking paths, bicycle paths and remote areas.



The **LX series** solar led lighting fixtures are the next generation of intelligent solar outdoor lighting systems. They combine the latest in LED lighting technology from Philips Lumileds, infrared motion sensor, solar module and battery into a single compact and stylish housing. There is no wiring or electrical connections. Installation is fast, easy and secure.

The **LX25 Classic** models are designed to operate at dusk for two hours, after which the PIR occupancy sensor reactivates the luminaire when presence is detected in a 25 feet radius.

The **LX25 Dimming** models are designed to operate in three modes; high, medium and low intensity. At dusk, the lighting fixture turns on at low intensity. When presence is detected, the light goes into high intensity mode. After 4 hours of operation, the lighting fixture turns off and is reactivated at medium intensity only when presence is detected.

FEATURES & BENEFITS

- Solar powered outdoor lighting;
- All-in-one design;
- Dimming options for longer operation;
- Automatic activation at sunset and/or before sunrise;
- Integrated 360° PIR presence detector;
- No power cables or wiring needed;
- 4 days autonomy without sunlight;
- 50 000 hours Philips maintenance free LED operation;
- Flexible programming according to your needs;
- Easy battery replacement access door;
- Powder coated aluminium housing;
- Quick, easy and safe installation.

APPLICATIONS

- Public parks;
- Walking paths;
- Bicycle paths;
- Boardwalks;
- Bus shelters;
- Parking lots;
- Remote areas.



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CERTIFICATIONS :



CERTIFIED IEC 61730 Ed.1
CERTIFIED IEC 61215 Ed.2



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TECHNICAL SPECIFICATIONS	LX25						
MODELS	DIM 1110	DIM 1605	DIM 1815	CL 705	CL 1200	CL 1410	CL 2115
Lumens (Low / Medium / High intensity)	405/ 705/ 1110	405/ 1200/ 1605	405/ 1410/ 1815	705	1200	1410	2115
Operation : 1st night segment	4h on Dimming	4h on Dimming	4h on Dimming	4h set	2h set	On détection only	On détection only
Operation : 2nd night segment	On detection	On detection	On detection	On detection	On detection	On detection	On detection
High intensity maximum hours per night	3.5 h	2.5 h	1.75 h	5.5 h	4 h	2.75 h	1.75 h
Power (Watt)	11W	16W	18W	7W	12W	14W	21W
Color temperature (°K)	4100°K (more options available)						
CRI (Color Rendering Index)	65						
LED lifespan	50 000 hours						
PIR Occupancy/Motion sensor radius	20 feet (6m)						
Occupancy sensor time delay	Adjustable : 30 seconds to 30 minutes						
Recommended mounting height	10 to 16 ft (3 to 5 meters)						
Recommended spacing factor	4,5 x Mounting Height						
Battery type / Capacity	Deep Cycle : GEL 16Ah or AGM 18Ah						
Battery Overcharge/Discharge protection	YES						
Autonomy (number of days without sunlight)	4 days						
Operating temperature range	-30°C +70°C						
Body material / Coating	Aluminium / Polyester Powder Coating						
Dimensions - LxD in (mm) / Installation	21" x 14" (533mm x 364mm) / Top of pole installation, Maximum outer diameter: 4" (101 mm)						
Unit Weight - lb (Kg) (EPA)	29 lb (13 Kg) (EPA = 0.87pi²)						

Notes : Contact us to determine which product suits your needs and specific location or for customized solutions. The data are based on the worst month of the year according to the *mean daily global insolation* provided by Natural Resources Canada for Montreal with solar module facing south.



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