

LX95 SERIES

INTELLIGENT SOLAR LIGHTING PHILIPS LUMILEDS

for public parks, parking lots and large areas.



The **LX95 SERIES** combines 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 **LX95-DIM** models operate at different light intensities depending on the traffic and the time of night. For the first part of the night, the lights automatically activate at low intensity, providing basic lighting. The light intensity changes to high intensity when a presence is detected. Morning mode allows the luminaire to be reactivated early in the morning before sunrise when this option is selected.

The **LX95-DS** models operate on presence detection only. The light intensity is always at full power upon detection. Morning mode also allows the light to be reactivated early in the morning before sunrise.

FEATURES & BENEFITS

- Solar powered commercial lighting solution;
- All-in-one design;
- Dimming options for longer operation;
- Automatic activation at sunset and/or before sunrise;
- Integrated 360° PIR presence detector;
- Wireless communication;
- Flexible operating profiles according to your needs, modifications via remote control, sold separately.
- No power cables or wiring needed;
- >100 000hrs Philips maintenance free LED operation;
- Easy battery replacement access door;
- Powder coated aluminium housing;
- Quick, easy and safe installation.

APPLICATIONS

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



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CERTIFICATIONS



Révision: 2.6

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SPECIFICATIONS	LX95 SERIES							
MODELS	DIM-15	DIM-25	DIM-35	DIM-40	DIM-50	DS-15	DS-30	DS-60
Lumens (Low / Medium / High intensity)	736/ 736/ 1472	736/ 1698/ 2434	696/ 2814/ 3510	696/ 3481/ 4177	696/ 4092/ 4788	1471	2858	5371
Operation	12h dimming with detection	8h dimming with detection	6h dimming with detection	6h dimming with detection	4h dimming with detection	On detection	On detection	On detection
*Morning Mode	*Available (Before sunrise reactivation)							
Maximum hours per night at high intensity	5h	3.5h	2.5h	2h	2h	8h	4h	2h
Power (Watt)	9W	16W	24W	29W	35W	9W	19W	40W
Light Distribution	Type 2 (Pathway) or Type 4 (Area)							
Color temperature (°K)	4000°K, 3000°K, 590nm PC Amber (more options available)							
CRI	70							
LED Lifespan	> 100 000 hours							
PIR Occupancy sensor radius and time delay	20 feet (6 meters); Adjustable time delay from 30 seconds to 30 minutes							
Recommended mounting height	16 to 22 feet (5 to 6,7 meters) according to light power output							
Recommended spacing factor	5.5 x Mounting height							
Solar Module Power (Watt)	95W							
Battery type / Capacity	Deep cycle : GEL 74Ah @12Vdc (888Wh)							
Battery Overcharge/Dis-charge protection	YES							
Autonomy (number of days without sunlight)	5 days (with a fully charged battery)							
Operating temperature range	-40°C +70°C							
Body material / Coating	Aluminium / Polyester Powder Coating							
Dimensions - LxD in (mm)	36.90" x 21.65" (938 x 550mm)							
Pole Mounting in (mm)	Top of pole installation, Pole maximum outer diameter: 5" (127mm), Square							
Unit Weight - lb (Kg) (EPA)	97 lb (44 Kg) (EPA = 4.2ft²)							
Warranty	5 years							

Contact us to determine which product suits your needs and specific location or for customized solutions. These 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.

ORDERING CODE								
Series	Operating profile & power	Mode 1 or 2	*Morning Mode	Color temperature (°K)	Light Distribution	Pole sleeve shape	Planned mounting height	Color
LX95	DIM-15 ; DIM-25	Mode 1 = Eco.	N = No	4000 = 4000°K	T2 = Type 2	SQ = Square 5"x5"	18 = 16' to 22'ft	BK = Black
	DIM-35 ; DIM-40	Mode 2 = All night detection	Y = Yes	3000 = 3000°K	T4 = Type 4			SM = Custom
	DIM-50; DS-15			590 = 590nm				
	DS-30 ; DS-60							
Example: LX95-DIM-35-1-N-4000-T4-SQ-18-BK (_ _ _ _ _)								

*Note: Morning mode, 1 hour from the evening segment will be transferred to the morning segment (1 hour of lighting before sunrise).



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