Accessory - Transparent Sensor 0.2 to 50 fc

Item LS1

PRODUCT DESCRIPTION

The LS Series Ambient Light Sensors detect the amount of natural or ambient light that is available. These sensors themselves do not perform the switching ON/OFF of the loads, allowing for them to outlast typical photocontrols. These sensors detect the amount of light that is available and provide that information to the control modules which in turn perform the switching operations. These sensors are available for both direct and indirect exposure to ambient light. Typically, the dark sensor is used for direct exposure to light, while the transparent sensor would be ideal for indirect exposure to light.

FEATURES

► Transparent and opaque sensors for all lighting applications

► One sensor can provide a signal for up to 10 LightMasterTM control modules

► Accurate, reliable measurement for precise foot-candle light-level settings

► IP65 cases

► 1-year limited warranty

TECHNICAL DATA

General	
Model Number	LS1
Description	Transparent Sensor 0.2 to 50 fc
UPC Code	614573058506
Brand	Intermatic
Country of Origin (Intermatic)	GERMANY
Warranty Period	1-Year limited

Packaging	
Shipping Weight (lbs)	0.15
Unit Carton Dimensions (H x W x L) in	2.25 x 3.25 x 3.25 in

Standards and Certifications	
California Proposition 65	None
RoHS Certification	X

LightMaster™

Manage light the way you see it

Illuminate Your Facility

The LightMaster lighting control system gives YOU the power to independently control circuits based on the amount of natural light in an area. Simply adjust the LightMaster foot-candle dials to a desired light level and you can instantly manage light the way you see it.

Imagine the energy savings. Instead of being stuck with a lighting control that only turns lights ON/OFF in an area, you could have a LightMaster that can turn lights ON in part of an area and OFF in another. This reduces your energy consumption by as much as 50%.

LightMaster is ideal for any lighting application where operation is based on ambient light. The sensors can be installed in a 330-foot radius from the controller in different accessible areas, such as a rooftop or a window, for easy service access and reduced maintenance costs.

In addition to easy accessibility, LightMaster is virtually maintenance free for the first 10 years of operation thanks to its durable sensor lifespan that outlasts many thermal photo control sensors.

LightMaster also features unmatched accuracy with independent settings that enable indoor lighting to stay off until ambient light is reduced, while outdoor lighting turns on when ambient light is lost. A single LightMaster Sensor can provide a signal for up to 20 circuits to help conserve energy and promote a safer lit area for customers and workers.
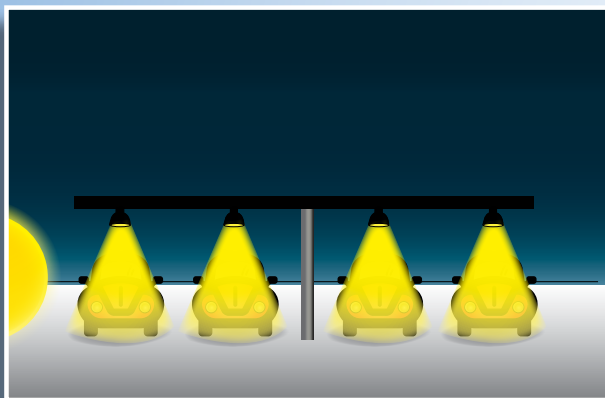
Works for nearly every application with ambient light

Including some of these more popular locations:

- Security Lighting • Atriums • ATM/Banks • Signage
- Awnings, Shades, Blinds • Parking Garages
- Exterior Lighting • Industrial Yards
- Off-Shore Rigs, Shipyards • Site Lighting
- 24-Hour Retail Convenient Store/Service Establishments
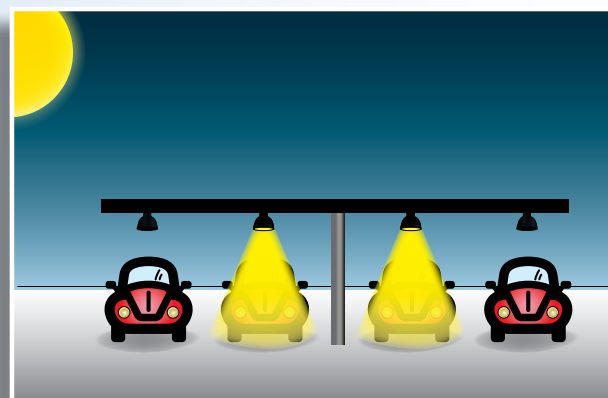- Perimeter Lighting • Accessways, Walkways, Driveways
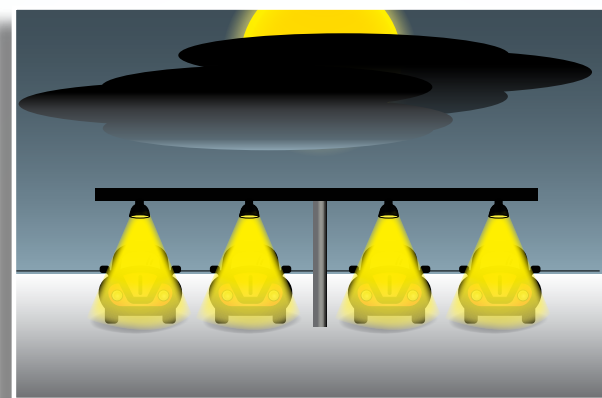
Manage light the way you see it

Sunrise
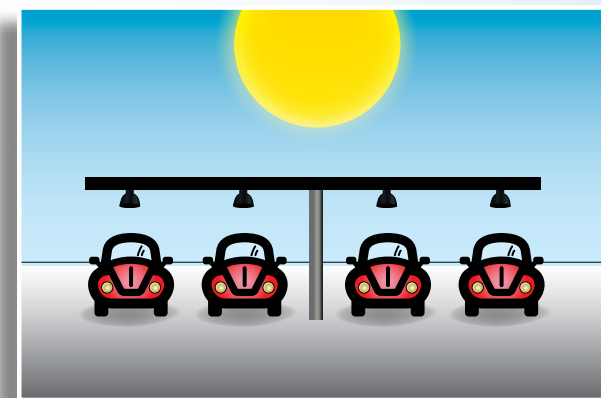At sunrise, natural light is unavailable, therefore lights are on.

Dawn
At dawn, natural light reaches the outer areas. Only inside area lights remain ON. Energy costs are reduced by 50%.
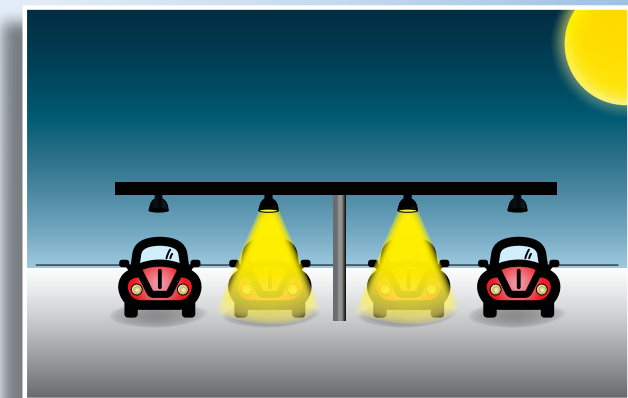
Inclement Weather
A storm rolls in and reduces sunlight. LightMaster ensures all areas are adequately lit for maximum safety, no matter what the time of day.

Noon
At noon, natural light is available, therefore lights are turned OFF.

Dusk
At dusk, natural light still reaches the outer areas. Only inside areas turn ON. Energy costs are reduced by 50%.

The powerful LightMaster can provide a signal for up to 20 circuits to ensure both small and large areas are covered. Don't let darkness dominate your business.
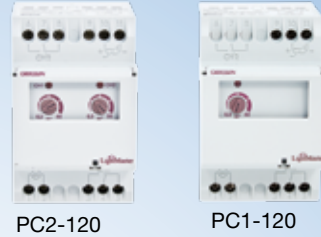
The Difference Makers

LS1

LS2

LS Series
LightMaster Ambient Light Sensor

- LS1 clear sensor for indirect exposure to light
- LS2 opaque sensor for direct exposure to light

PC2-120   PC1-120

PC1-120 & PC2-120
LightMaster Control Modules

- 1 or 2 circuit control unit
- Adjustable light level dials control ambient light for each circuit
- 0 to 100 second delay adjustment per circuit to avoid nuisance activations
- Surface/DIN-Rail mountable

PC1-120-LS1

PC2-120-LS2

PC1-120-LS2

PC2-120-LS1

PC Series
LightMaster Control Module with Sensor

- System: Control module and light sensor package
- For use in existing DIN-Rail enclosures or as an expansion for existing LightMaster installations

LM2-0-120
LightMaster Control System

- System: PC2-120 control module, LS2 light sensor and Type 3R Rainproof enclosure

LM2-0-882T
LightMaster Control System with Timer

- System: PC2-120 control module, LS2 light sensor, Type 3R Rainproof outdoor enclosure and 365-day timer for maximum energy savings
- Timer is used to turn off completely for inactive periods, such as weekends

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