ETC®

Unison® Paradigm® Light Sensor

Paradigm Responsive Control Series

CE UL us LISTED

GENERAL INFORMATION

Having the lights on full in an already well-lit area means wasted energy and bigger electrical bills. Unison Paradigm Light Sensors are the sensible way to solve that problem and lower energy expenditures. The Light Sensors have a neutral look that easily blends into their surroundings. The sensors are ready to go in their standard form, or you can detach the sensor's RemoLux head to use as a remote sensor. It is perfect for atriums and other spaces with high ceilings. Rated for use in wet locations, the light sensor can even be installed outdoors.

APPLICATIONS
- Classrooms
- Conference rooms
- Museums
- Office spaces

FEATURES
- Sensor Controller with or without integrated Light Sensor
- RemoLux: Light Sensor can be mounted within controller housing or remotely
  - Remote sensors connect using Belden 8471 or two #16AWG wires
  - Filler included for remote head applications
- DuaLux: Supports up to two sensors to average light levels in large areas
- Single Light Sensor for indoor, outdoor and atrium use
- Software configurable to activate or deactivate any Paradigm system function
- LinkConnect: two-wire, topology-free bus for power and communication
- Each sensor counts as one station with up to two light heads
- Available in white and black
- Supports Switched and Dimming daylight harvesting

GENERAL
- UL and cUL Listed
- CE Marked
- California Title 20/24 Compliant

ORDERING INFORMATION

Unison Paradigm Light Sensor

MODEL	DESCRIPTION
P-LS	PARADIGM LIGHT SENSOR WITH CONTROLLER
P-LSC	PARADIGM LIGHT SENSOR CONTROLLER ONLY
P-LSH	PARADIGM LIGHT SENSOR HEAD ONLY

Note: Sensors come standard in pure white (RAL9010). Add -4 to the end of any model number for black (RAL9004)

Compatible Control Systems

MODEL	DESCRIPTION
P-ACP	PARADIGM ARCHITECTURAL CONTROL PROCESSOR

Note: A Paradigm Station Power Module (P-SPM) is required

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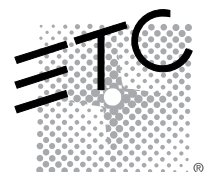
SPECIFICATIONS

FUNCTIONAL

- On and Off set-points configured using LightDesigner software
- Programmable control for any circuit, zone, group or space
- Configurable delay/offset
- Light Sensor can be mounted within controller housing or remotely; filler included for remote head applications
- Support for up to two sensors with averaging of light levels
- Single Light Sensor for indoor, outdoor and atrium use

MECHANICAL

- Constructed of injection-molded, ABS plastic in Pure White (RAL9010) or Black (RAL 9004)
- Electronics assembly and mounting plate included
- Two cantilevered configuration buttons
- No visible means of attachment
- Surface- or backbox-mountable using included mounting plate
  - Supports drywall, plaster, wood and concrete
  - Mounts to any standard electrical box (supplied by other manufacturers)
  - Mounts to compressed-fiber ceilings using wire-form adapter
- Supports internal or remote mounting of light sensor
  - Remote Light Head mounts to any half-inch or three-quarter knockout
- Remote Heads use conformal-coated circuit boards resistant to corrosion from moisture
  - IP65 rated when used with a weather-tight backbox

ELECTRICAL

- Controller connects via LinkConnect control network utilizing low-voltage Class 2 wiring
  - Topology-free and polarity-independent wiring over Belden 8471 or equivalent and one #14 ESD drain wire
  - Wiring may be bus, loop, home-run or any combination of these
- Remote sensors connect using two #16AWG wires up to 1000 feet away from controller
- UL and cUL Listed, CE Marked

ENVIRONMENTAL

- Ambient room temperature: -30 to 55°C / -22 to 130°F
- Ambient humidity: Maximum 90% non-condensing

PHYSICAL

Unison Paradigm Light Sensor Dimensions*

MODEL	DIAMETER		DEPTH	
	inches	mm	inches	mm
P-LS/ P-LSC	4.50	114	1.40	36
P-LSH	1.60	41	0.66	17

Unison Paradigm Light Sensor Weights*

MODEL	WEIGHT		SHIPPING WEIGHT	
	ounces	grams	ounces	grams
P-LS	3	76.5	9	255.1
P-LSC	3	76.5	9	235.3
P-LSH	1	28.3	7	178.6

*Weights and dimensions typical

PHYSICAL

1.40"
(36mm)

4.50"
(114mm)

1.60"
(41mm)

1.09"
(28mm)

0.66"
(17mm)

0.83"
(21mm)
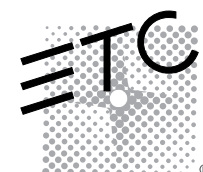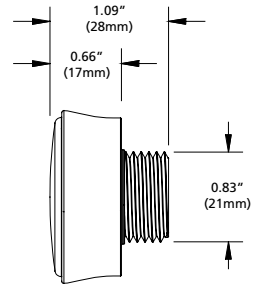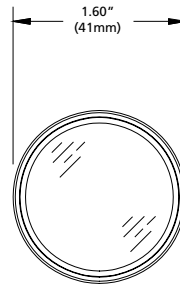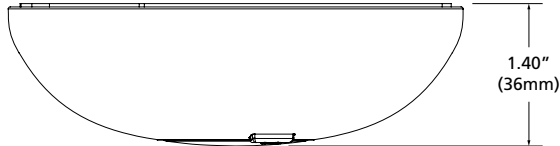
SHOWN WITHOUT INCLUDED THREADED EXTENDER

1.60"
(41mm)

2.66"
(68mm)

0.66"
(17mm)

1.06"
(27mm)
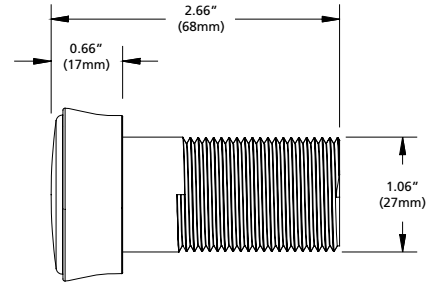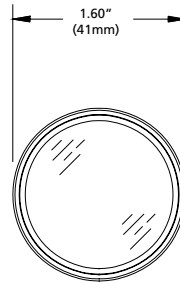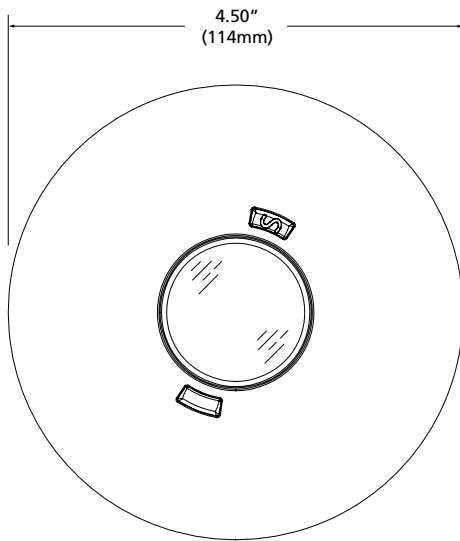
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