

PHOTO CONTROLS DIVISION

Manufacturers of Standard and Custom Photocell Lighting Controls





ABOUT US

Altran Magnetics, LLC. is a solution provider of lighting controls. With over 30 models for controlling Incandescent, Compact Fluorescent, HID and LED sources, we are a leader in lighting photocell technology. Understanding that every light source has its own unique electrical, mechanical and thermal requirements, our global design team can customize products to meet your specific application requirements.

Our Corporate Headquarters in Sterling, IL offers centralized customer service, domestic engineering support, and warehousing opportunities. Our 30 years in photocell manufacturing and ISO-9001-2008/ISO14000 approved facilities provide premium quality at market competitive cost structures.

We are an industry-focused, solution oriented organization producing innovative products in a supportive and progressive environment for our customers, employees and suppliers. Continually seeking new and alternative methods of improving all facets of our business our goal is to become the preeminent supplier of standard and custom products to the leading markets we serve.



TABLE OF CONTENTS

AMI Series Photo Controls

| E7 Series | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | . 5 |
|--------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|------------------|
| E8 Series | • | | • | | • | | • | | | • | | | | | | | • | • | • | | • | • | | | | | <mark>.</mark> 6 |
| E9 Series | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P-101 Series | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P-102 Series | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P-102-01-AT | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P-102-01-CA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P-103 Series | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P-104 Series | | | • | • | | • | | | | | | | | | | | | | • | | | | | | • | | 13 |
| P-105 Series | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P-106 Series | | | • | | | | • | | • | • | | • | | | | | • | • | • | | • | • | • | | | | 15 |

PHOTO CONTROLS

PHOTO CONTROLS

E7 SERIES PHOTOCELL - LED LIGHTING COMPATIBLE

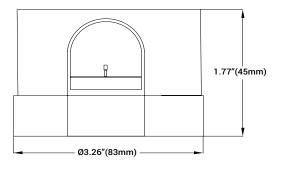
E7 series photocells are ideal for roadway and street lighting applications requiring multi-volt operation, durability, endurance, and low cost. Average expected life of E7 controls is twenty plus years with a 20,000 On/Off operation relay life.

Product Features:

- High Temperature
 Resistant Housing
- Interlock Design
- Multi-Volt Operation
- IR Filtered Photo Transistor
- Meets or exceeds
 ANSI C136.10
- Design Life at Rated Load: 20,000 Cycles (20+ years)

- High Performance
- Low Cost
- 10 Year Product Warranty
- UL/CSA Listed (CUL)
- RoHS Compliant





Specifications:

Physical

Enclosure: Designed to meet ANSI C136.10 Power Consumption: Less than 0.5 Watts (avg.) at 120VAC **Temperature Range** -40°F to 158°F (-40°C to +70°C) at 96% RH **Light Sensor** Non-drifting photo sensor **Relay Rating** 30 Amp general purpose relay **Load Rating** 1000 Watt Tungsten, 1800 VA Ballast

Cover

High impact polypropylene with UV stabilized polycarbonate window Base High temperature polyester (PBT) Connection 3-pole locking type with solid brass blades Gasket Cross-linked polyethylene

E7 Series Product Selection Information

XXX - Denotes Optional Customer Number

| Model | AMI-E7-101-GR-XXX | AMI-E7-102-BL-XXX | AMI-E7-103-MR-XXX |
|-----------------------|-------------------|-------------------|-------------------|
| Rated Volts (VAC) | 120 | 120/208/240/277 | 208/240/277 |
| Voltage Range (Volts) | 105-130 | 105-305 | 185-305 |
| Color | Gray | Blue | Maroon |

E7 Series Technical Data

| Voltage Range | Frequency | ON/OFF Ratio | Time Delay ON/OFF | Operating Light Levels | Fail Mode | Surge Protection |
|---------------|-----------|--------------|-------------------------------------|--|-----------|------------------|
| 105-305 VAC | 50/60Hz | 1.5:1 | Instant ON, 2-5 second delay OFF | Standard 1.5 Fc ON (optional 1-3 Fc) | ON | 480J / 15kA |



E8 SERIES PHOTOCELL - LED LIGHTING COMPATIBLE

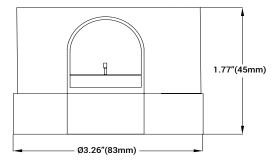
E8 series photocells are specifically designed for 20 years operation, withstanding heat and weather conditions with a multi-volt operation. FR4 glass epoxy, which forms the primary insulating backbone of printed circuit boards, ensures higher levels of ON/OFF operation cycles.

Product Features:

- High Temperature Resistant Housing
- Double-Sided Glass Epoxy FR4 Circuit Board
- 5000 Hours at 105°C.
- Interlock Design
- Design Llfe at Rated Load: 20,000 Cycles (20+ years)
- Multi-Volt Operation
- Meets or Exceeds ANSI C136.10

- Improved Durability
- UL/CSA Listed (CUL)
- RoHS Compliant
- 10 Year Product Warranty





Specifications:

Physical

Enclosure: Designed to meet ANSI C136.10. Power Consumption: Less than 0.5 Watts (avg.) at 120VAC Temperature Range -40°F to 158°F (-40°C to +70°C) at 96% RH Light Sensor Non-drifting photo transistor Relay Rating 30 Amp general purpose relay. Load Rating 1000 Watt Tungsten, 1800 VA Ballast

Cover

High impact polypropylene with UV stabilized polycarbonate window

Base

- High temperature polyester (PBT) Connection
 - 3-pole locking type with solid brass blades

Gasket

Cross-linked polyethylene

E8 Series Product Selection Information

IR - Denotes IR Filtered Phototransistor XXX - Denotes Optional Customer Number

| Model | AMI-E8-102-BL-XXX (IR) | AMI-E8F-102-BL-XXX (IR) |
|-----------------------|------------------------|-------------------------|
| Rated Volts (VAC) | 120/208/240/277 | 120/208/240/277 |
| Voltage Range (Volts) | 105-305 | 105-305 |

E8 Series Technical Data

| Voltage Range | Frequency | ON/OFF Ratio | Time Delay ON/OFF | Operating Light Levels | Fail Mode | Surge Protection |
|---------------|-----------|--------------|-------------------------------------|--|--------------------|------------------|
| 105-305 VAC | 50/60Hz | 1.5:1 | Instant ON, 2-5 second delay OFF | Standard 1.5 Fc ON (optional 1-3 Fc) | E8: ON E8F: OFF | 300J / 20kA |



E9 SERIES PHOTOCELL - LED LIGHTING COMPATIBLE

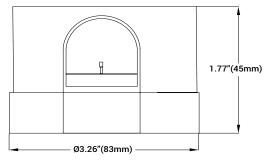
E9 Series offers cost and energy efficient solutions for variable lighting applications. E9 photocells are designed with an inverse OFF/ON ratio, thereby minimizing total operation hours. Extended time delay eliminates undesirable luminaire surge caused by lighting or other sudden changes in ambient light. AMI-E9-102-GR-IES has been specifically engineered to comply with I.E.S. recommendations.

Product Features:

- DC electromagnetic switch
- Non-drifting phototransistor
- Inverse OFF/ON ratio
- 20-40 second ON and OFF time delay
- Meets or Exceeds
 ANSI C136.10
- Design Llfe at Rated Load: 20,000 Cycles (20+ years)

- Complies with I.E.S. Recommendation
- Cost Effective & Energy Saving
- 10 Year Product Warranty
- UL/CSA Listed (CUL)
- RoHS Compliant





Specifications:

Physical

Enclosure: Designed to meet ANSI C136.10. Dimensions: Approx. 3.26" (83mm) dia x 2.08" (53mm) height Power Consumption: Less than 1.1 Watts (max.) at 120VAC **Temperature Range** -40°F to 158°F (-40°C to +70°C) at 96% RH **Light Sensor** Non-drifting phototransistor **Relay Rating** 30 Amp rated general purpose relay

Load Rating

1000 Watt Tungsten, 1800 VA Ballast Cover

High impact polypropylene with UV stabilized polycarbonate window

Base

- High temperature polyester (PBT)
- Connection 3-pole locking type with solid brass blades
- Gasket

Cross-linked polyethylene

E9 Series Product Selection Information

| XXX - Denotes Optional Cu | ustomer Number |
|---------------------------|----------------|
|---------------------------|----------------|

| Model | AMI-E9-102-BL-XXX | AMI-E9-102-BL-IES-XXX | AMI-E9F-102-BL-IES-XXX |
|-----------------------|-------------------|-----------------------|------------------------|
| Rated Volts (VAC) | 120/208/240/277 | 120/208/240/277 | 120/208/240/277 |
| Voltage Range (Volts) | 105-305 | 105-305 | 105-305 |
| Turn ON (Fc) | 1.5+/-0.5 | 3.0+/-0.5 | 1.5+/-0.5 |

E9 Series Technical Data

| Voltage Range | Frequency | ON/OFF Ratio | Time Delay ON/OFF | Operating Light Levels | Fail Mode | Surge Protection | |
|---------------|-----------|--------------|----------------------------------|----------------------------|--------------------|------------------|--|
| 105-305 VAC | 50/60Hz | 0.6:1 | 20-40 Second ON and OFF delay | Standard 1.5 Fc or 3 Fc | E9: ON E9F: OFF | 180J or 545J | |



P-101 SERIES PHOTOCELL

P-101 Series photocells integrate the most affordable robust weather-protected thermal bi-metal switch with a lock design applicable for commercial and industrial functionality use in street lighting, parking lot lighting and security lighting. Our 30-45 second time delay prevents undesirable OFF/ON operations from sudden outdoor light levels for an energy saving feature dusk to dawn.

Product Features:

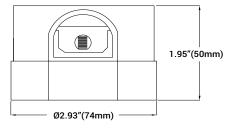
- Locking Control Mechanism
- Heavy Duty Thermal Bi-Metal Switch
- 30-45 Second Time Delay
- Turn On Fc : 1.5
- Off/On Ratio 4:1
- Fail Safe
- ANSI C136.10 Compliant
- Surge Protection 180 Joules
- UL/CSA Listed (CUL)
- Design Llfe at Rated Load: 7,500 Cycles (20 years)
- 10 Year Product Warranty

Specifications:

| Physical | (|
|---|---|
| Enclosure: Designed to meet ANSI C136.10. | |
| Switch | l |
| SPST thermal bi-metallic switch | |
| Temperature Range | (|
| -40°F to 158°F (-40°C to +70°C) at 96% RH | |
| Light Sensor | (|
| 1/2" Cadmium Sulfide Cell | |
| Load Rating | |
| 1000 Watt Tungsten, 1800VA Ballast | |
| | |







Cover

High impact Noryl with UV stabilized acrylic window Base High temperature polyester (PBT) Connection 3-pole locking-type with solid brass blades Gasket Cross-linked polyethylene

| for series i roduce se | | × | XX - Denotes Optional Customer Number |
|------------------------|------------------|------------------|---------------------------------------|
| Model | AMI P-101-01-XXX | AMI P-101-02-XXX | AMI P-101-03-XXX |
| Rated Volts (VAC) | 120 | 120/208/240/277 | 208/240/277 |
| Voltage Range (Volts) | 105-130 | 105-305 | 185-305 |

P-101 Series Technical Data

| Voltage Range | Frequency | ON/OFF Ratio | Time Delay ON/OFF | Operating Light Levels | Fail Mode | Surge Protection | |
|---------------|-----------|--------------|------------------------------------|---------------------------|-----------|------------------|--|
| 105-305 VAC | 50/60Hz | 4:1 | 30-45 second de- lay ON and OFF | Standard 1.5 Fc ON | ON | 180J | |



P-102 SERIES PHOTOCELL

P-102 Series photocells integrate the most affordable robust weather-protected thermal bi-metal switch with a lock design applicable for residential functionality use in patios, decks, driveway lighting, entryways and security lighting. Our 30-45 second time delay prevents undesirable OFF/ON operations from sudden outdoor light levels dusk to dawn.

Product Features:

- Locking Control Mechanism
- Heavy Duty Thermal Bi-Metal Switch
- 30-45 Second Time Delay
- Turn On Fc : 1.5
- Off/On Ratio 4:1
- Fail Safe
- ANSI C136.10 Compliant
- UL/CSA Listed (CUL)
- Design Llfe at Rated Load: 7,500 Cycles (20 years)
- 10 Year Product Warranty

Specifications:

Physical

Enclosure: Designed to meet ANSI C136.10 Power Consumption: Less than 0.9Watts (avg.) at 120VAC Switch SPST thermal bi-metallic switch **Temperature Range** -40°F to 158°F (-40°C to +70°C) at 96% RH **Light Sensor** 1/2" Cadmium Sulfide Cell Load Rating 1000 Watt Tungsten, 1800VA Ballast

Cover

Ø2.87"(73mm)

High impact Noryl with UV stabilized acrylic window

High temperature polyester (PBT)

1.61"(41mm)

- Connection
- 3-pole locking type with solid brass blades

Cross-linked polyethylene

P-102 Series Product Selection Information

P-102 Series Technical Data

Model

Rated Volts

Voltage Range (Volts)

| Voltage Range | Frequency | ON/OFF Ratio | Time Delay ON/OFF | Operating Light Levels | Fail Mode |
|---------------|-----------|--------------|------------------------------------|---------------------------|-----------|
| 105-305 VAC | 50/60Hz | 4:1 | 30 – 45 second delay ON and OFF | Standard 1.5 Fc ON | ON |

AMI P-102-01-XXX

120

105-130

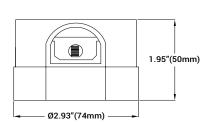


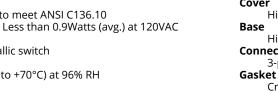


AMI P-102-03-XXX

208/240/277

185-305





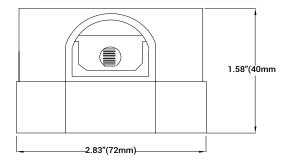
P-102-01-AT SERIES PHOTOCELL

AMI P-102-01-AT is suitable for controlling street lighting, garden lighting, path lighting doorway lighting to turn ON or OFF automatically according to the ambient natural lighting level. Advantages include ergonomic design, special protection in colder areas, durable power and long service life.

Product Features:

- Locking Control Mechanism
- · Heavy Duty Thermal Bi-Metal Switch
- Delay Function
- Turn On Light Level: 10~20Lux
- Long Service Life
- UL/CSA Listed (CUL)
- ANSI C136.10 Compliant
- Design Llfe at Rated Load: 5,300 Cycles (10+ years)
- 10 Year Product Warranty





Specifications:

Physical

Enclosure: Designed to meet ANSI C136.10 Dimensions: Approx. 2.83"(72mm) dia x 1.58" (40mm) Control SPST Thermal Bi-metal Switch Temperature Range -40°F to 158°F (-40°C to +70°C) at 96% RH Light Sensor Cadmium Sulfide cell (Cds) Load Rating 1800 Watt Tungsten, 1000 VA Ballast

Cover

High impact polycarbonate (PC) Base High temperature polyester (PBT) Connection 3-pole locking type with solid brass blades Gasket Cross-linked polyethylene

P-102-01-AT Series Product Selection Information

XXX - Denotes Optional Customer Number

| Model | AMI P-101-01-AT-XXX |
|-----------------------|---------------------|
| Rated Volts | 120 |
| Voltage Range (Volts) | 105-130 |

P-102-01-AT Series Technical Data

| Rated Volts | Frequency ON/OFF Light Levels | | Fail Mode |
|-------------|-------------------------------|-------------------------------|-----------|
| 120 VAC | 50/60Hz | 10~20 LUX ON 30~60 LUX OFF | ON |



PHOTO CONTROLS cont.

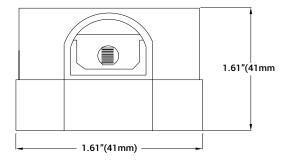
P-102-01-CA SERIES PHOTOCELL

AMI P-102-01-CA is suitable for controlling street lighting, garden lighting, path lighting or doorway lighting to turn ON or OFF automatically according to the ambient natural lighting level. Advantages include relay switching and wide votage range 120 or 208/240/277 volts.

Product Features:

- Locking Control Mechanism
- Electromagnetic Relay Switch
- MOV Surge Protection Function
- Turn On Light Level: 10~20Lux
- Long Service Life
- UL/CSA Listed (CUL)
- ANSI C136.10 Compliant
- Design Llfe at Rated Load: 5,300 Cycles (10+ years)
- 10 Year Product Warranty





Specifications:

Physical

Enclosure: Designed to meet ANSI C136.10 Dimensions: Approx. 3.15"(80mm) dia x 2.13" (54mm) height

Switch

SPST Relay

Temperature Kange -40°F to 158°F (-40°C to +70°C) at 96% RH

Light Sensor

Cadmium Sulfide cell (Cds)

Load Rating

1000 Watt Tungsten, 1800VA Ballast Cover High impact Noryl with UV stabilized acrylic window Base Polycarbonate (PC) Connection 3-pole locking type with solid brass blades Gasket Cross-linked polyethylene

P-102-01-CA Series Product Selection Information

XXX - Denotes Optional Customer Number

| Model | AMI P-102-01-CA-XXX |
|-------------|------------------------|
| Rated Volts | 120 or 208/240/277 VAC |

P-102-01-CA Series Technical Data

| Voltage Range | Frequency | ON/OFF Light Levels | Fail Mode | Surge Protection |
|---------------------------|-----------|-------------------------------|-----------|------------------|
| 120 or 208/240/277 VAC | 50/60Hz | 10~20 LUX ON 30~60 LUX OFF | ON | 102J |



P-103 SERIES PHOTOCELLS

P-103 Series features a durable polycarbonate housing photocell available in fixed or adjustable swivel base for installation flexibility as well as adjustable slide bar allowing for on-site field adjustment. Our 30-45 second time delay prevents undesirable OFF/ON operations from sudden outdoor light levels including headlights and lightning strikes and energy saving dusk to dawn sensors.

Product Features:

- Heavy Duty Thermal Bi-Metal Switch
- Economical Non-Metal Housing
- Factory Preset Turn-On with Adjustable Slide Bar
- 30-45 Second Time Delay
- Turn On Fc : 1.5
- Off/On Ratio 4:1
- Fail Safe
- ANSI C136.10 Compliant
- UL/CSA Listed (CUL)
- Design Llfe at Rated Load: 5,300 Cycles (10+ years)
- 10 Year Product Warranty

Specifications:

Physical

Enclosure: Designed to meet UL 773A Power Consumption: Less than 0.9Watts (avg.) at 120VAC Temperature Range -40°F to 158°F (-40°C to +70°C) at 96% RH Light Sensor Cadmium Sulfide Cell Load Rating 2000 Watt Tungsten, 1900VA Ballast Control SPST Thermal Bi-metal Switch

P-103 Series Product Selection Information



2.98"(75.6mm)

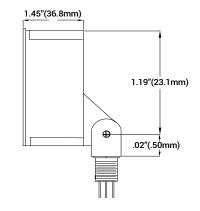
1.15"(29.2mm)

P-103 Series Technical Data

| Voltage Range | Fail Mode Housing | | Lead Wires | Nipple | Nut |
|--|-------------------------------------|--|--------------------|---------|-------------------|
| 120 or 208/240/277 or 120/208/240/277 VAC | ON (contacts normally closed) | Polycarbonate with UV stabilized window | 6", #14 AWG, 105°C | ½" pipe | ½" pipe, die-cast |



1.98"(50.2mm)



XXX - Denotes Optional Customer Number



PHOTO CONTROLS cont.

P-104 SERIES PHOTOCELLS

P-104 Series is heavy duty die-cast aluminum housing photocell design ideal for many outdoor installation applications. Our 30-45 second time delay prevents undesirable OFF/ON operations from sudden outdoor light levels including headlights and lightning strikes and energy saving dusk to dawn sensors.

• ANSI C136.10

Compliant

years)

Warranty

UL/CSA Listed (CUL)

Design Llfe at Rated

• 10 Year Product

Load: 5,300 Cycles (10+

Product Features:

- Heavy Duty Thermal **Bi-Metal Switch**
- Durable Die-Cast **Aluminum Housing**
- 30-45 Second Time Delay
- Turn On Fc : 1.5
- Off/On Ratio 4:1
- Fail Safe
- 2000 and 3000 W Rating

Specifications:

Physical

Enclosure: Designed to meet UL 773A Power Consumption: Less than 0.9Watts (avg.) at 120VAC **Temperature Range** -40°F to 158°F (-40°C to +70°C) at 96% RH **Light Sensor** Cadmium Sulfide Cell Load Rating 2000/3000 Watt Tungsten, 1900/2900VA Ballast

P-104 Series Product Selection Information

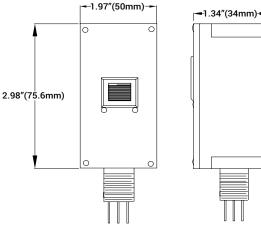
| Model | AMI P-104-01-6-XXX | AMI P-104-03-6-XXX | AMI P-104-02-6-XXX | AMI P-104-01-6-BT- XXX | AMI P-104-03-6-BT- XXX |
|------------------------------|--------------------|--------------------|--------------------|---------------------------|---------------------------|
| Туре | Fixed | Fixed | Fixed | Fixed | Fixed |
| Rated Volts (VAC) | 120 | 208/240/277 | 120/208/240/277 | 120 | 208/240/277 |
| Voltage Range (Volts) | 105-130 | 185-305 | 105-305 | 105-130 | 185-305 |
| Load Rating Tungsten (Watts) | 2000 | 2000 | 2000 | 3000 | 3000 |
| Load Rating Ballast (VA) | 1900 | 1900 | 1900 | 2900 | 2900 |

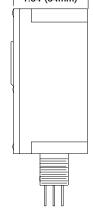
P-104 Series Technical Data

| Voltage Range | Fail Mode | Housing | Lead Wires | Nipple | Nut |
|--|-------------------------------------|--|--------------------|---------|-------------------|
| 120 or 208/240/277 or 120/208/240/277 VAC | ON (contacts normally closed) | Die-cast aluminum with UV polycarbonate | 6", #14 AWG, 105°C | ½" pipe | ½" pipe, die-cast |









XXX - Denotes Optional Customer Number

P-105 SERIES PHOTOCELL

P-105 Series is a button photocell design primarily used for mounting and internal post applications. Ideal for wall mounting and decorative lighting for both commercial and residential applications. All 105 series are constructed from high impact weather resistant UV stabilized polycarbonate housing with some models available with wall mounting options, 180 Joule MOV for transient surge protection as well as a high ambient temperature photo control option for running in HID luminaires.

Product Features:

- Turn ON Fc : 1.5
- Rear Wire Leads
- ¾" Long Threaded Nipple
- Ideal for Compact Spaces
- 30-45 Second Time Delay
- 1200 and 1800 W Load Rating
- Wall Plate Design Option
 Available

- High Ambient Option Available
- ANSI C136.10 Compliant
- OFF/ON Ratio 4:1
- UL/CSA Listed (CUL)
- Design Llfe at Rated Load: 7,500 Cycles (20 years)
- 10 Year Product Warranty



• Fail Safe

Specifications:

Physical

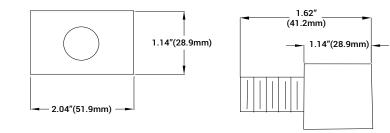
Enclosure: Designed to meet ANSI C136.24 & UL 773A Power Consumption: Less than 0.9Watts (avg.) at 120VAC

Control SPST Thermal Bi-metal Switch

```
Temperature Range
```

-40°F to 158°F (-40°C to +70°C) at 96% RH Light Sensor Cadmium Sulfide Cell

P-105 Series Product Selection Information



XXX - Denotes Optional Customer Number

| Model | AMI P-105-01- 6-XXX | AMI P-105-03- 6-XXX | AMI P-105-01- 6-WP-XXX | AMI P-105-03- 6-WP-XXX | AMI P-105-03- 15-XXX | AMI P-105-01- 6-HA-XXX | AMI P-105-01- 15-XXX |
|------------------------------|------------------------|------------------------|---------------------------|---------------------------|-------------------------|---------------------------|-------------------------|
| Rated Volts (VAC) | 120 | 208/240/277 | 120 | 208/240/277 | 208/240/277 | 120 | 120 |
| Voltage Range (Volts) | 105-130 | 185-305 | 105-130 | 185-305 | 185-305 | 105-130 | 105-130 |
| Load Rating Tungsten (Watts) | 1800 | 1200 | 1800 | 1200 | 1200 | 1800 | 1800 |
| Load Rating Ballast (VA) | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 |

P-105 Series Technical Data

| Voltage Range | Fail Mode | Housing | Lead Wires | Nipple | Nut | Surge Protection |
|---------------|----------------------------------|--|---|--------------|-----------------------------|------------------|
| 105 - 305 VAC | ON (contacts normally closed) | Polycarbonate with UV stabilized window | 6", #18 AWG,105°C or 6", #18 AWG, 150°C or 15" or #18 AWG,105°C (depending on model) | 3/8" pipe | 3/8" pipe, thermoplastic | 180j |



P-106 SERIES PHOTOCELLS

P-106 Series photocells highlight a tubular design with an onsite adjustable pivoted base perfect for compact spaces with a high impact weather resistant UV stabilized polycarbonate housing. Our 30-45 second time delay prevents undesirable OFF/ON operations from sudden outdoor light levels including headlights and lightning strikes with energy saving dusk to dawn sensors.

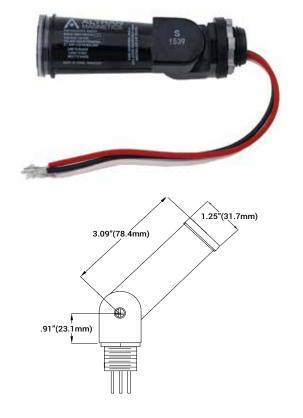
Product Features:

- On-site Adjustable Pivot Base
- Ideal for Compact Spaces
- 30-45 Second Time Delay
- Fail Safe
- ANSI C136.10 Compliant
- UL/CSA Listed (CUL)
- Design Llfe at Rated Load: 5,300 Cycles (10+ years)
- 10 Year Product Warranty

Specifications:

Physical

Enclosure: Designed to meet UL 773A Power Consumption: Less than 0.9Watts (avg.) at 120VAC Temperature Range -40°F to 158°F (-40°C to +70°C) at 96% RH Light Sensor Cadmium Sulfide Cell Control SPST Thermal Bi-metal Switch



P-106 Series Product Selection Information

XXX - Denotes Optional Customer Number

| Model | AMI P-106-01-6-XXX | AMI P-106-03-6-XXX |
|------------------------------|--------------------|--------------------|
| Rated Volts (VAC) | 120 | 208/240/277 |
| Voltage Range (Volts) | 105-130 | 185-305 |
| Load Rating Tungsten (Watts) | 1800 | 1200 |
| Load Rating Ballast (VA) | 1100 | 1100 |

P-106 Series Technical Data

| Voltage Range | Fail Mode | Housing | Lead Wires | Nipple | Nut |
|---------------|-------------------------------|---|--------------------|---------|-------------------|
| 105 - 305 VAC | ON (contacts normally closed) | Polycarbonate with UV stabilized window | 6", #18 AWG, 105°C | ½" pipe | ½" pipe, die-cast |





3040 Venture Lane Melbourne, FL 32934 Tel: 321-255-9191 • Fax: 321-255-9192 www.altranmagnetics.com • sales@altranmagnetics.com

AMI-1000001 rev A.