

# LUMAWISE ALR 7000 SERIES

## PHOTOCONTROL

TE Connectivity's (TE) LUMAWISE ALR 7000 Series Photocontrol provides a utility grade, high performance, multi-volt control for demanding roadway, street and area lighting applications.

TE's LUMAWISE 7000 Series Photocontrol design surpasses 20,000 On/Off operation cycles per the ANSI C136.10 standard providing an expected life range between 8 to 10 years.

As an option in our electronic photocontrols, TE uses an IR filtered phototransistor which gives a human eye response along with long term, drift-free light sensing for the life of the control.

As is the case with all of our electronic controls, the 7000 Series utilizes our interlocking base/cap design for superior environmental protection.



THE LUMAWISE ALR 7000 SERIES IS THE RESULT OF OVER FIFTY YEARS OF EXPERIENCE DESIGNING AND DELIVERING HIGHLY-RATED PHOTOCONTROLS AND OTHER LIGHTING ACCESSORIES AROUND THE WORLD.

### FEATURES:

- Designed for HID lighting
- Supports multiple input voltages
- High temperature housings and components
- 20mm, 15kA, 480 Joule MOV
- Meets or exceeds ANSI C136.10
- **Rated life:** 10 years

### APPLICATIONS:

- Street and area lighting
- Roadway lighting
- Commercial outdoor lighting (i.e. parking lots, car dealerships)

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### ELECTRICAL:

- **Voltage rating:** 105–305 VAC
- **Frequency:** 50/60 Hz
- **Power consumption:** Less than 0.5 watts at 120 VAC
- **Relay rating:** 30 AMP general purpose relay
- **Load rating:** 1000 watt tungsten 1800 VA
- **Operating light levels:** Standard 1.5 Fc on (optional 1–2.6 Fc)
- **Time delay ON/OFF:** Instant on, 2–5 second delay OFF
- **OFF/ON ratio:** 1.5:1
- **Fail mode:** ON
- **Surge protection:** 20mm, 15 kA, 480 joules MOV
- **Light sensor:** Non-drifting phototransistor

### MECHANICAL:

- **Operating temperature rating:** -40° C to +65° C at 96% RH
- **Rated life:** 10 years
- **Control:** DC electromagnetic switch exceeds 20,000 ON/OFF per ANSI C136.10

### MATERIAL:

- **Base:** High temperature polyester (PBT)
- **Gasket:** Cross-linked polyethylene
- **Cover:** High impact polypropylene with UV stabilized polycarbonate window
- **Connection:** 3 pole locking type with brass contacts
- **Dimensions:** Approx. 3.26" (83mm) dia. X 1.77" (45mm) high (not including contacts)

### SPECIFICATIONS:

- ANSI C136.10
- Meets the CENELEC HD 629.1 frequency

### PRODUCT SELECTION INFORMATION

Part Number	Descriptive PN
<a href="#">HK379T-000</a>	ALR-7060-VPS
<a href="#">EN1865-000</a>	ALR-7060-VPS-BK
<a href="#">L2134Z-000</a>	ALR-7090-VPS
<a href="#">21244H-000</a>	ALR-7090-VPS-BK
<a href="#">FR626C-000</a>	ALR-7090-VPS-BR
<a href="#">4Z9454-000</a>	ALR-7090-VFS
<a href="#">CS8870-001</a>	ALR-7090-VF3-BK

