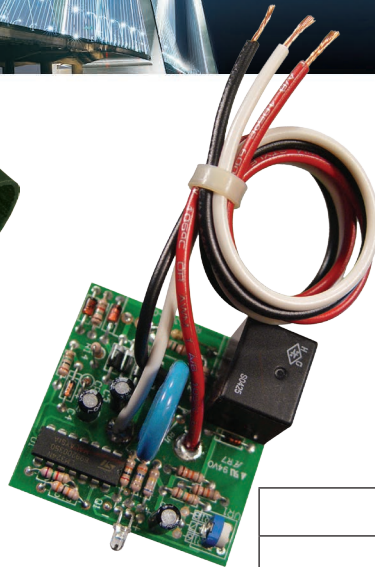


# Low Voltage Photocontrol With or Without Enclosure



6589C



## Rugged Design

Available in 12-48 Volt (DC only) for a variety of applications

## Typical Applications

- Solar Lighting
- Boats
- Security Systems
- Low Voltage Lighting
- Landscaping

## Exclusive Features

- Double-Sided Plated-Through Circuit Board (DSPT) for durability and reliability
- Full Wave Rectification
- Dual Zener Diodes
- MOV Surge Protection
- High Impact Thermoplastic Base

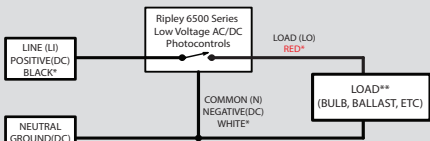
12—48 Volt (DC Only)	
No Enclosure *	With Enclosure **
<b>6589B</b>	<b>6589C</b>

Voltage Range	12.5—52 (DC)
Fail Mode	On
Load Rating	10 Amp
Operating Temperature	-40C to +70C (-40F to +158F)
Photocell	Cadmium Sulfide
Dielectric Strength	5000 Volts between current carrying parts and metal surfaces
Surge Protection	50 Joule MOV / 10,000 amp surge current
Power Consumption	0.5 watts @ lowest nominal voltage
Time Delay Off (Instant On)	3 to 5 seconds
Operating Light Levels (Standard Settings)	Turn On 1.5 FC ± .25 Turn Off by 2.25 FC (Off:On Ratio = 1.5:1)
ANSI Color Coded Cover	Green
Operating Light Levels Option	Option Code (Add to end of Model Number)
Denotes Turn On point in FC	Specify 0.3-5.0 FC

\* Mounting and/or enclosure required (by user.) Light sensor must be exposed to light. Lead Length - 18" nominal

\*\* Twist-lock enclosure configuration requires twist-lock receptacle.

**Example Order #:** 6587B-1.0 signifies a 6587B Silicon Photocontrol with a Turn On setting of 1.0 FC



\*WIRE COLOR FOR DIRECT WIRE UNITS OR RECEPTACLE (SEE NOTE #1)

NOTE #1 Ripley 5241-2, 5927L, 5927 or 5926 Receptacle OR COMPATIBLE

**Please Note:** Wiring Color Codes may be different from common DC Standards

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Meets or exceeds rigid quality requirements of applicable ANSI C136.10, and C136.24 and C136.41

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