

Wire-In Photocontrol Hazardous Location Unit

Exclusive Features

Explosion proof

Dust-ignition proof

Weatherproof

Tamper Resistant

Tempered Glass Lens
3/8" thick

Double-Sided
Plated-Through
Circuit Board (DSPT)
for durability and reliability

Quad-Gate Technology
for precision
and consistency

Full Wave Rectification

Dual Zener Diodes

320 Joule MOV

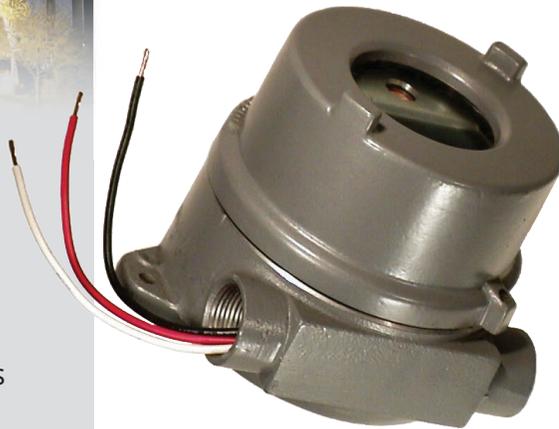
Solid Brass Contact Blades

Internal and External Ground
Screws Standard

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

Phone: (803) 939-4700
Fax: (803) 939-4777
Email: info@RipleyLightingControls.com

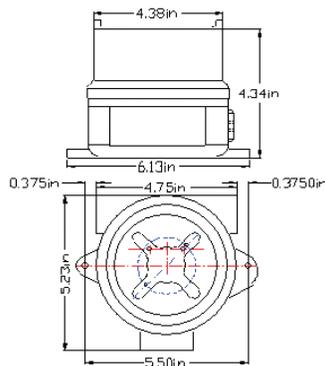
www.RipleyLightingControls.com



Outdoor Lighting Control
For Exterior Lighting In
Hazardous Locations

Tank Farm Lighting
Building Perimeter Lighting
Exterior Process Lighting
Loading/Unloading Rack Lighting

	86390HL
Nominal Voltage 60 Hz	120 / 208 / 240 / 277
Voltage Range	105—305
Fail Mode	On
Load Rating	1000 Watt Tungsten / 1800 VA Ballast
Operating Temperature	-40C to +70C (-40F to +158F)
Photocell	Encapsulated Silicon Phototransistor
Dielectric Strength	5000 Volts between current carrying parts and metal surfaces
Surge Protection	320 Joule MOV / 10,000 amp surge current
Power Consumption	0.5 watts @ 120 V
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)
Housing	Sand cast copper-free aluminum - epoxy powder coated
Gasket	Neoprene O-ring
Wiring Connections	3 #14 AWG Stranded
	Option Code 1 (Add to end of Model Number)
Denotes Turn On point in FC	Specify 0.3—5.0 FC



Certifications and Compliances:

UL Classified
CSA Certified
FM Approved for:
Class I, Div 1 & 2, Group B, C, D*
Class II, Div 1 & 2, Group E, F, G
Class III

Nema 3, 4, 7 BCD*, 9 EFG
Cenelec EEx d II B IP66

* When sealed within 18" of unit as per
NEC Sections 501-5 and 502-5



Example Order #: 86390HL-1.0 signifies a 86390HL Hazardous Location
Photocontrol with a Turn On setting of 1.0 FC