



LL27 SERIES

Long Life Electronic Photocontrol

Long-Life Photocells for LED luminaires that require dusk to dawn control, 105 to 305 VAC, 60Hz, 20 year warranty



Applications

LED luminaires that require dusk-to-dawn control

Recommended for luminaires that use solid-state ballasts/ drivers (CFL, induction, electronic HID)

Features

Designed to provide long life, enhanced light sensitivity and superior surge protection when used with LED luminaires

20 year warranty

IP-65

Anti-UV impact resistant polypropylene cover

Filtered Silicon Light Sensor-sensitive to sunlight but not LED

Sealed relay

2 or 4 MOVs rated for 860J+ or 1720J/10,000 amps each. 430J each.

Base gasket has a continuous use temperature of 105 C. Melt 185 C.

2-5 second turn-off delay

Heavy.105 inch thick wall black cover standard-other colors optional

Color Options



Regulatory Lists

Meets ANSI C136.10

ROHS compliant

Manufactured in an ISO certified facility

Surge-rated to ANSI C136.10 Extreme surge level (20Kv, 10Ka, 10 Pulses)

Zero-Cross Switching

Operating Characteristics

Voltage 105 to 305 VAC, 60Hz

Load rating: 1800VA driver or ballast load, 8A

Up to 200 amp inrush. Test as specified in ANSI C136.10.

-40°C to +70°C ambient temperature

ANSI Standard 1.5±0.3 fc Turn ON, Turn OFF is 1.5 times the Turn ON level. Other options available

2-5 second Turn OFF delay

Switch: > 81000 On/Off operations at rated load

Dielectric, 5000VAC

ORDERING INFORMATION

Models	NCLL
Voltage	27 = 120-277VAC
Light Levels	15 = 1.5 ANSI Standard 10 = 1.0 26 = 2.6 IES
Cover Color	BK = Black BU = Blue GN = Green YE = Yellow GY = Gray
Failure Mode	None = Fail ON F = Fail OFF
MOV	20 = 860J/ 20KA 40 = 1720J/ 40KA

Dimensions

