

DS Series Security Light



Applications:

The DS Series Luminaire is designed as a direct upgrade replacement for traditional dusk-to-dawn security light units. The Luminaire offers easy mounting and compatibility to standard ANSI refractor/reflector assemblies. The rugged, corrosion-resistant, die-cast aluminum housing is outfitted with stainless steel hardware and an epoxy coating that offers an extremely long service life and excellent weather resistance. The DS offers multiple light distribution options to improve the visual experience for your specific application. While not commonly available on traditional HID or competing LED products, the DS offers a full line of roadway distribution patterns.

Features:

Construction—The DS series is designed with rugged, corrosion-resistant, die cast aluminum housing with stainless steel hardware standard for durability and strength. An epoxy powder-coated finish provides excellent resistance to weathering, fading, and corrosion.

LED's—The DS incorporates advanced high-efficiency 4100K (70CRI) or 5700K (75CRI) components for roadway distribution patterns or Chip-On Board (COB) technology for traditional style Type V distribution patterns. Each provides optimized light delivery to uniformly illuminate target areas. 3000K available (please inquire for additional details).

Electrical—Available in 100-277V at 50/60Hz. Power Factor of >95%. Total Harmonic Distortion (THD) is <10%. Exceeding Energy Star requirements, the DS conforms to a majority of roadway, co-operative, and municipal government performance mandates and standards. Efficacy of 100+ lumens per watt enables the DS to properly manage heat dissipation while enhancing performance and longevity.

Optics—Precision-molded optics available in Type II, III, IV, and V distribution patterns. Cutting edge photometric design achieves full cutoff when not using a refractor assembly.

LED Rated Life (L75) - These high quality LED's are rated for >100,000 hours @ 25°C (77°F) ambient environment per LM-80, TM21.

Protection/Ingress—LED compartment is IP66 rated. Drivers are IP67 rated and mounted in an IP54 rated compartment.

Photocontrol Options—3 pin ANSI receptacle is standard.

Secondary Surge Protection—6kV/3kA is standard, 20kV/10kA (ANSI/IEEE C64.41.2) is optional and easily replaceable.

Listings—ETL, UL, CSA, LM79, LM80, NEMA, IESNA, ASTM B117, ARRA and NAFTA compliant. NOM 31 design conformance.

Ordering Table:

Example: DS04621SPBGLX

Model	LED	CCT	Distribution	Voltage	Color	Control Options	Surge Arrestor	Connectors	Lead	Option 1
DS	1	4 = 4100K	2	1 = 277V	S = Silver	N = 3-pin ANSI	A = Littelfuse Serial	G = Gel Connectors	L = 5' AC Lead	X = None
	4	5* = 5000K	3			P* = Photocell	B = GS Serial	T = Terminal Block	X* = None	
	6	6 = 5700K	4			Z = Shorting Cap	P* = GS Parallel	X* = Std AC Lead		
			5*							

* Std for DS1

Accessories:

- CAT# GSPL63M—Small Acrylic Refractor
- ANSI Standard Refractor
- CAT# GSAC59M—Std. 18" Pole Arm



