LED ONLINE

TECHNICAL DATASHEET · S7 PRO

100W LED Street Light



Supplier model: **STL/S7P/100W**

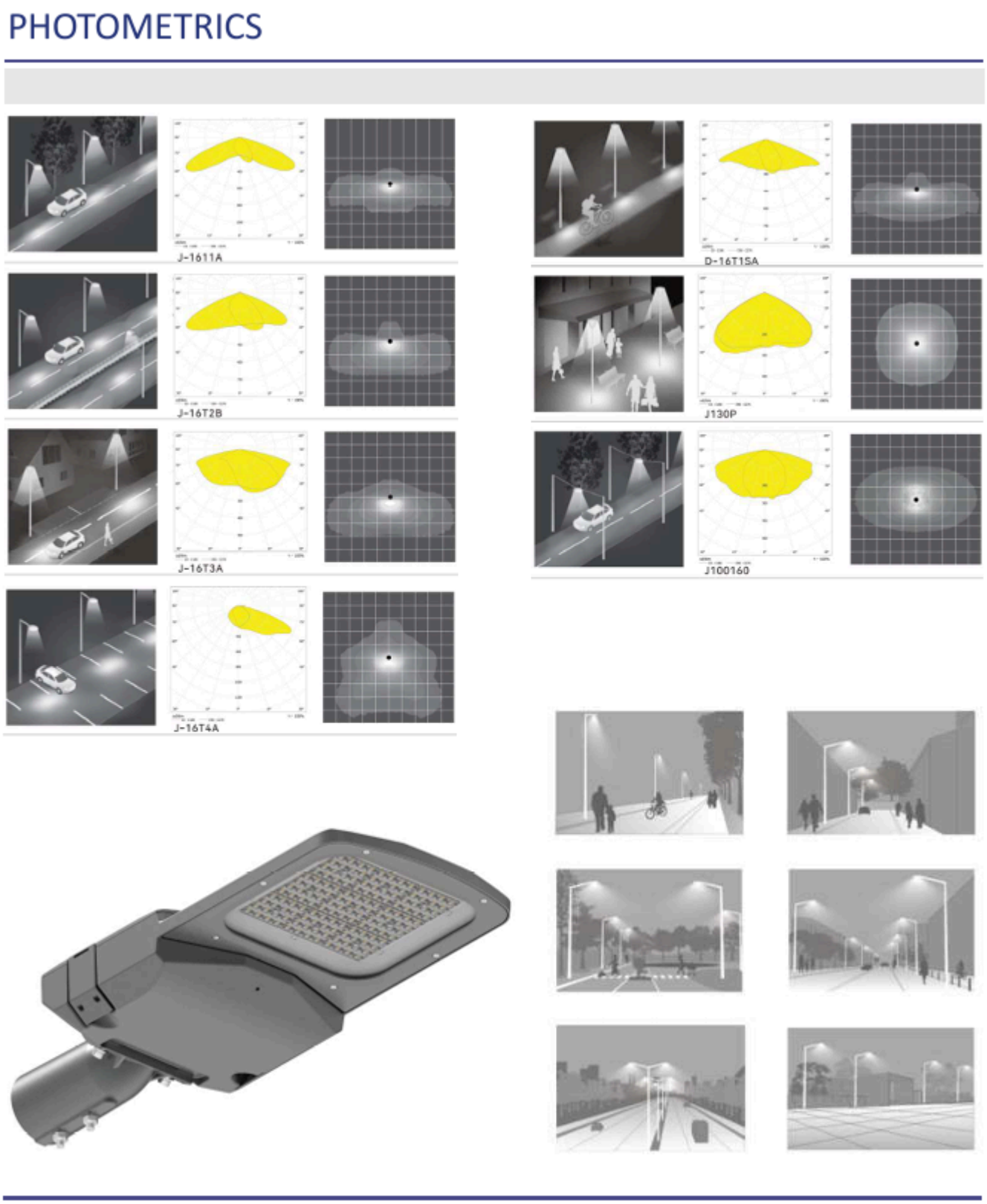
Mains-powered outdoor street lighting. Supplied image represents the range; pole, installation and optional accessories are not included in the base fitting price.

Technical specifications

Supplier model	STL/S7P/100W
Rated power	100W
Supply	AC 100–277V, 50/60Hz; Class I
Priced efficacy tier	170–180 lm/W supplier price-list tier; confirm delivered configuration
Colour temperature	Brochure specification table: 3000K / 4000K / 6500K; ordering-code table differs. Confirm selection.
Colour rendering	>Ra70; Ra80 optional
Power factor / THD	>0.95 / <15%
LED types / drivers	SMD3030 or SMD5050; Meanwell, Moso, Sosen or Inventronics options; confirm supplied components
Ingress protection	IP66 housing; complete installation and connections must maintain protection
Impact resistance	Supplier conflict: IK08 overview / IK10 specification table; confirmation required
Surge protection	10kV included; 20kV upgrade optional
Optics	60° / 90° / 120° / T2M / T3M / T4M options; select for site lighting design
Housing / lens	Grey ADC12 die-cast aluminium; tempered glass + PC; stainless-steel 304 fasteners
Operating temperature	−30°C to +50°C
Mounting	Pole mount; brochure shows top, side, wall and cross-arm arrangements. Confirm brackets and spigot fit (42 / 50 / 60mm options).
Dimensions / weight	Body varies by wattage; confirm final drawing and weight. Supplier tables contain inconsistent dimensions.
Controls	0/1–10V dimming, daylight sensing and NEMA options priced separately. LoRa, Zigbee, gateways and emergency options require a separate confirmed quote.
Coastal protection	C5-M coating optional; not included in base fitting
Lifetime	Brochure baseline 50,000h; L90 B10 at 50,000h stated. Other lifetime claims depend on configuration.
Warranty	5 years; confirm applicable terms
Availability	Available on back order; delivery timing to be confirmed

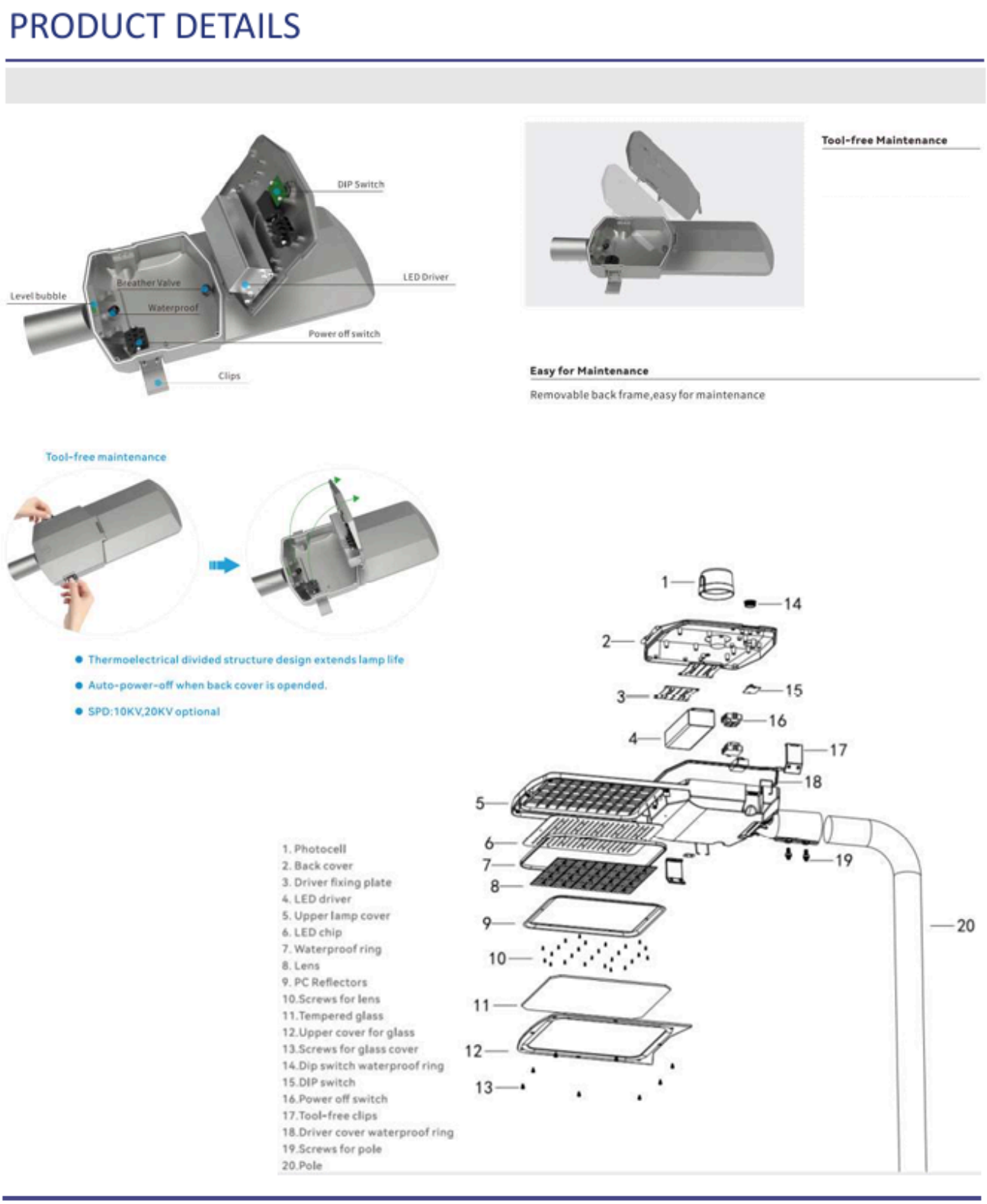
Included: 10kV surge protection. **Optional, separately quoted:** 0/1–10V dimming, day/night sensor + 3-pin, 20kV surge upgrade, NEMA 7-pin socket, shorting cap and C5-M coating. Confirm compatibility; pictured smart controls are not automatically included.

Photometric options



Supplier photometric illustrations for available optics, not a site-specific lighting design or a promise that every distribution is included. Request the matching IES file and lighting assessment for the selected configuration.

Construction and service access



User-supplied supplier screenshot showing the range construction and tool-free service access. Component layout can vary by configuration. Electrical installation and servicing require a qualified person.

Housing and optional controls



User-supplied supplier screenshot. Photocells, NEMA sockets, dimming and smart controls shown are configuration options, not all standard inclusions. Pole excluded.

Product pages & quotations

Visit the matching product page for current information and pricing. Use its instant quote builder to select your requirements.

View product page | Get an instant quote

Available on back order; confirm delivery timing and final configuration. 5-year supplier warranty; confirm applicable terms. Pole and installation excluded.