

TECHNICAL DESCRIPTION



DESCRIPTION (Tender text)

LED Street light embedded pole (IP66), made of painted steel body to provide a robust mechanical construction, an LED engine (contains high power LED's) protected with an IK08 rated polycarbonate IP lens cover and a separate control gear compartment for ease of maintenance.

Street Light optics providing excellent photometry to optimally cater to different kinds of road configurations.

Single side tilted mounting in variable lengths and wattages.

Provision for installation of NEMA socket and pre-cabled as required.

Overall system efficacy of 110lm/W at correlated colour temperature (CCT) of 4000K (optional 3000K & 5700K), colour rendering index (CRI) >70 and L70 rated lifetime of 50,000 hours.

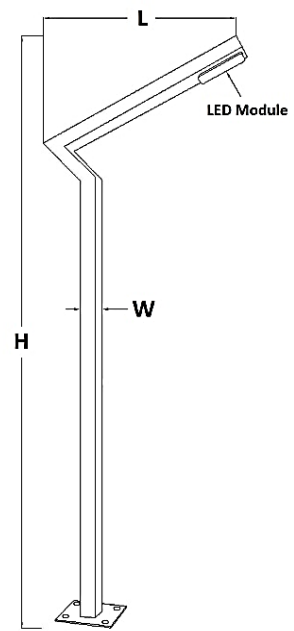
Electrical Class I, rated voltage 240Vac, Power Factor ≥ 0.95 , with BIS certified potted driver having internal surge protection of 4/4 kV and an additional surge protection device (SPD) of 10/10 kV (in both Common & Differential Modes).

IS 10322
(Part 5/Sec 3):2012



DIMENSIONS

Model	Wattage (W)	Dimensions		
		W (m)	H (mm)	L (mm)
SPRINGFIELD	40W	100	4	500
			5	500 / 1000
			6	500 / 1000
SPRINGFIELD	50W	100	4	500
			5	500 / 1000
			6	500 / 1000
SPRINGFIELD	60W	100	4	500
			5	500 / 1000
			6	500 / 1000



SPRINGFIELD

Embedded Street Light



APPLICATIONS

- Urban landscapes
- Residential areas
- Parking lots and Area Lighting
- Parks
- Pedestrian areas
- City roads

CHARACTERISTICS

- Separate optical and control gear compartment
- IP66 protected optical engine to prevent the LEDs coming into contact with the external environment
- Single side mounting with different overhang lengths
- Easy to install
- Operating Voltage Range: 240Vac
- Surge Protection Device: Standard 10kV or optional 20kV SPD
- Option of NEMA socket for smart lighting
- Ingress Protection: IP66
- Impact resistance: IK08

RATING & EFFICACY

Catalogue Reference	Wattage (W)	CCT (K)	CRI	Pole Height (m)	System Efficacy (Lm/W)
SPRINGFIELD 40W	40	4000	70	4m	110
	40	4000	70	5m	110
	40	4000	70	6m	110
SPRINGFIELD 50W	50	4000	70	4m	110
	50	4000	70	5m	110
	50	4000	70	6m	110
SPRINGFIELD 60W	60	4000	70	4m	110
	60	4000	70	5m	110
	60	4000	70	6m	110

- The system efficacy & power consumption (wattage) of the luminaire are the values at 25°C ambient temperature, as initially tested and are dependent on environmental conditions, like temperature and may vary with specific configurations. Efficacy values are subject to ±5% tolerance at rated voltage.
- Data subjected to change as we keep on adopting latest technologies to keep in sync with market, please consult us.
- Products for special application are also available, Please contact us for details.

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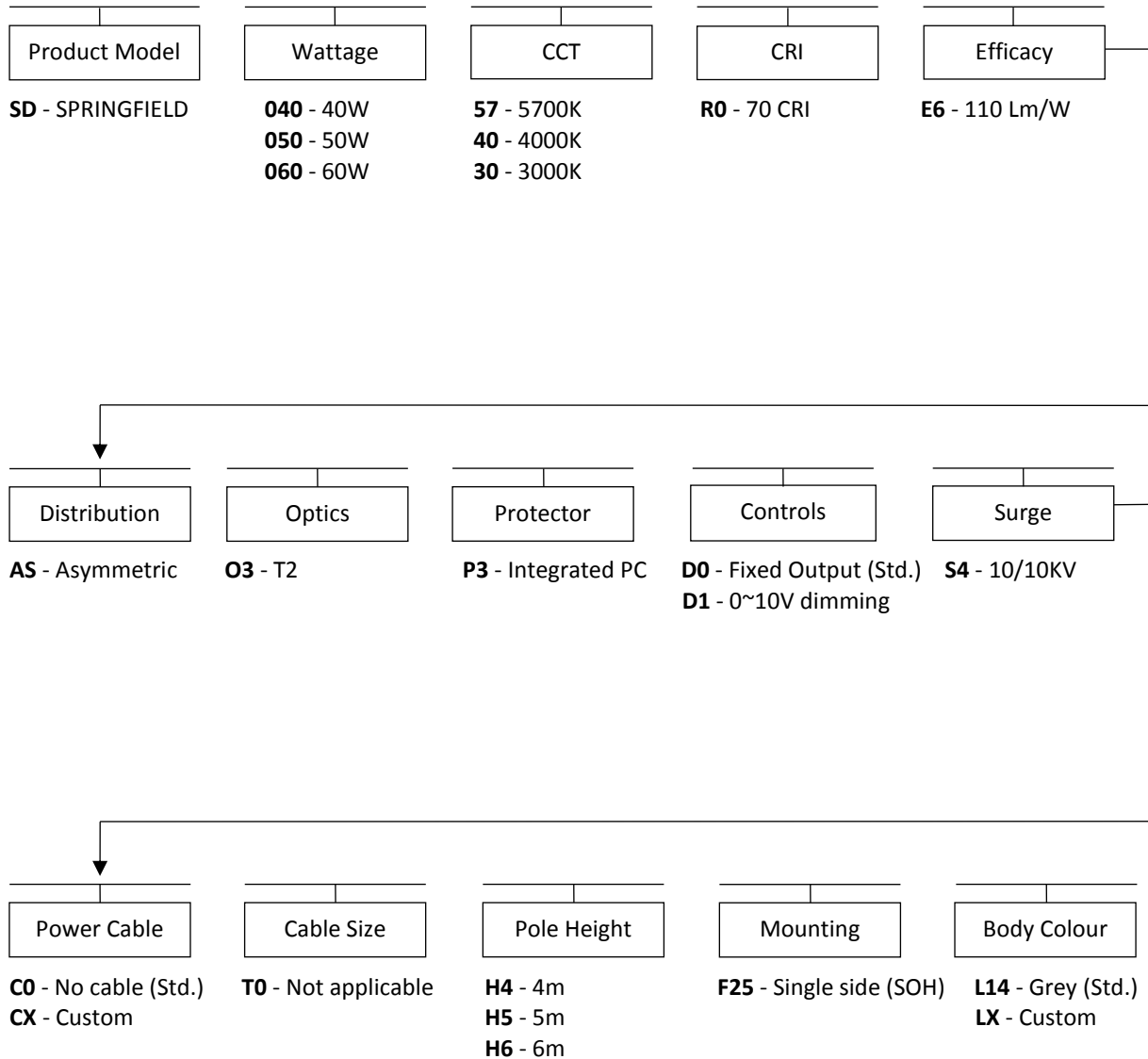
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KESELEC ORDERING CODE (KOC)

EXAMPLE: WF-040-57-R0-E6-AS-O3-P3-D0-S4-C0-T0-H4-F25-L14



SOH – Single side overhang

* Custom requirement for each category is to be defined.