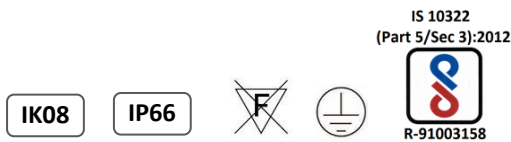


**TECHNICAL DESCRIPTION**



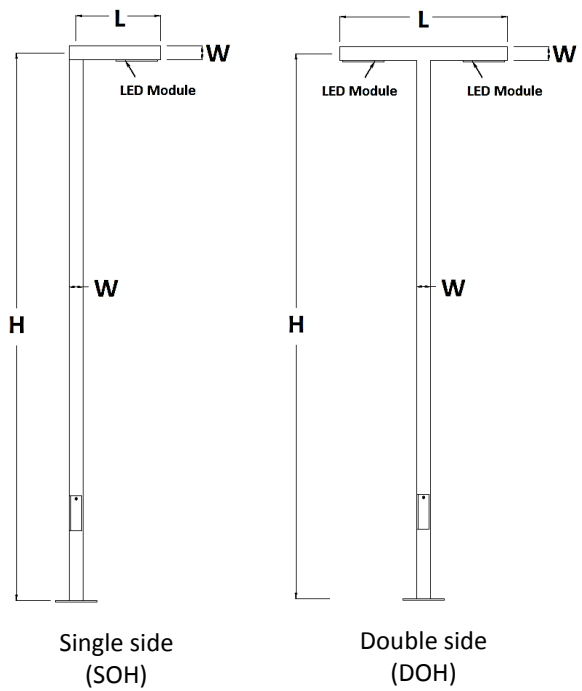
**DESCRIPTION (Tender text)**

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. Available in two different pole configurations with a single or double side mounting arm of variable lengths. 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).



**DIMENSIONS**

Model	Wattage (W)	Dimensions	
		H (m)	L x W (mm)
WAKEFIELD - SOH	40W, 50W, 60W	4m	500 x 100
		5m	600 x 100
		6m	1000 x 100
WAKEFIELD - DOH	80W, 100W, 120W	4m	500 x 100
		5m	600 x 100
		6m	1000 x 100



**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
- Available in two different pole configurations with a single or double side mounting
- 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

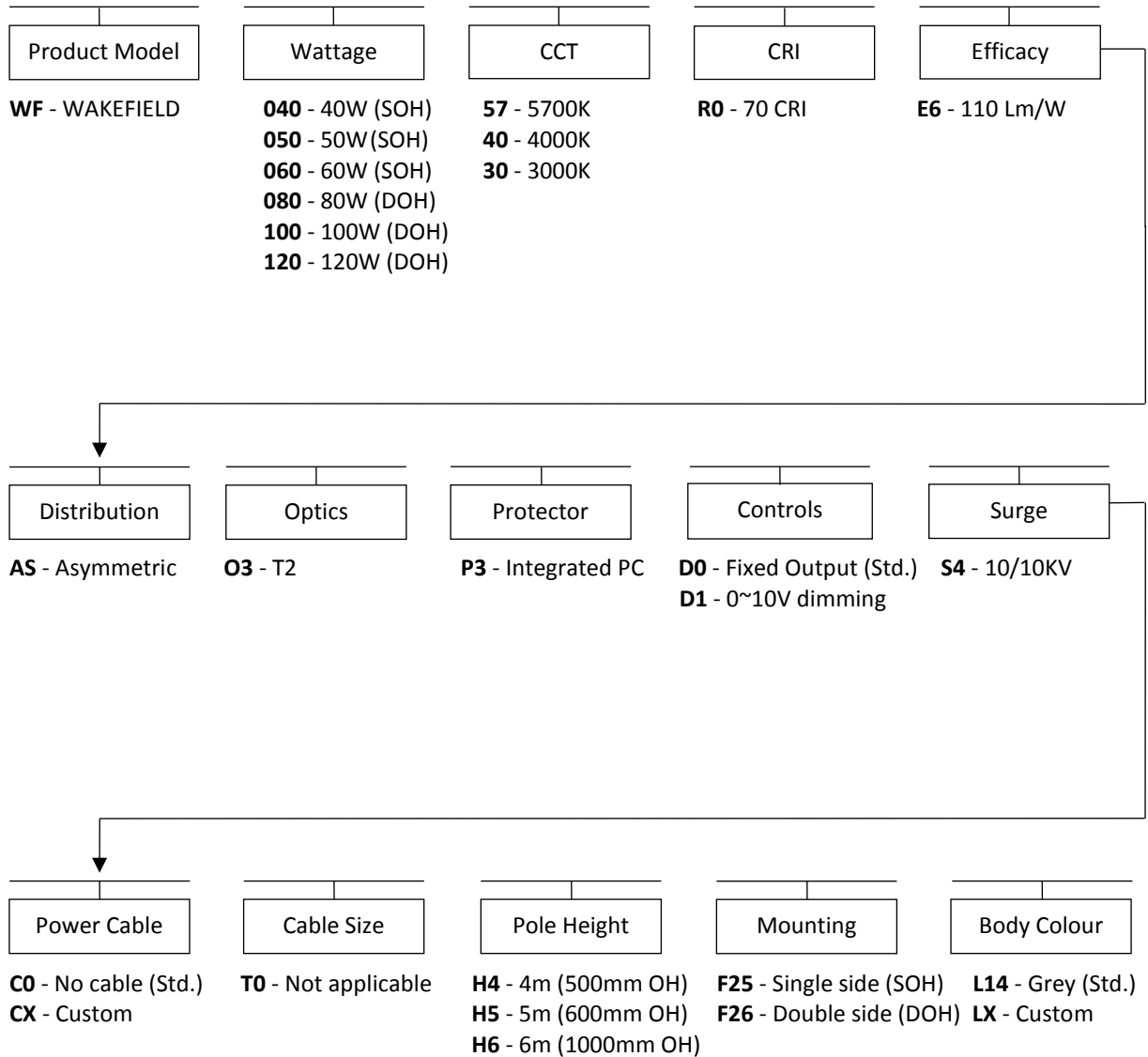
**RATING & EFFICACY**

Catalogue Reference	Wattage (W)	CCT (K)	CRI	Pole Height (m)	System Efficacy (Lm/W)
WAKEFIELD – SOH	40	4000	70	4m 5m 6m	110
	50	4000	70		110
	60	4000	70		110
WAKEFIELD – DOH	80	4000	70	4m 5m 6m	110
	100	4000	70		110
	120	4000	70		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.

**KESELEC ORDERING CODE (KOC)**

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



OH – Overhang  
SOH – Single side overhang  
DOH – Double side overhang

\* Custom requirement for each category is to be defined.