



Sr	Parameters	Specifications	
1	Product Code	SSK-WG-25W	SSK-WG-36W
2	Size	Dia 150 mm x 165mm	
3	Input Wattage	25W	35W
4	Input Voltage	90 To 300 VAC	
5	Input Frequency	50Hz	
6	Forward Current	Not more than 700mAmps	
7	Power Factor	> 0.95 At Full Load & 240 VAC	
8	Working Temperature	(-)20°C to (+) 60C	
9	Life expectancy of the product (LEDs)	Minimum 50000 hrs.	
10	Lumens Per Watt	>90 Lum/Watt	
11	Lumens	>2250	>3150
12	Color Temperature	3000K-6500K	
13	Color rendering index	> 75	
14	Beam Angle	>150 DEG	
15	System Efficacy	> 85	
16	Make of LED	SAMSUNG	
17	Driver efficiency	>85%	
18	Surge/Spike Protection	>5KV L, N, E as per IEC 61000-4-5	
19	THD (Third Harmonic Distortion)	<10% as per IEC 61000-3-2	
20	Line Protection	Under Voltage and Over Voltage Protection	
21	EMI - EMC (Electro-magnetic Interference - Electro-magnetic compatibility)	As Per CISPER 15 A	
22	Lamp Housing	Pressure Diecast aluminum housing with transducent polycarbonate cover	
23	Lens Material	Poly-Carbonate	
24	Ingress Protection	> IP 66	
25	Impact Resistance	Above IK 05	
26	Mounting arrangement	Mounting Bracket (MS)	
27	Thermal management	External heat sink of Aluminum housing, aluminum metal-core printed circuit board of thermal conductivity more than 2.0W/mk and thermal pad with thermal conductivity more than 1.5W/mk.	
28	Wireless Communication	The Luminaire should be compatible with wireless system to be used in future.	