

LED Street Light (NST SERIES)



Sr. No.	Parameters	Specifications				
		SSK-NST-20W	SSK-NST-30W	SSK-NST-40W	SSK-NST-50W	SSK-NST-100W
1	Product Code	SSK-NST-20W	SSK-NST-30W	SSK-NST-40W	SSK-NST-50W	SSK-NST-100W
2	Input Power (with tolerance of $\pm 5\%$)	20W	30W	40W	50W	100W
3	Input Voltage Range	90 To 300 VAC				
4	Operating Voltage Range	220 To 240 VAC				
5	Input Frequency	50Hz / 60Hz				
6	Input Current (@230V AC)	<700mA				
7	Size (mm)	283 x 112 x 43	308 x 124 x 43	325 x 124 x 43	400 x 139 x 48	525 x 182 x 56
8	Power Factor	> 0.95 At Full Load & 230 VAC				
9	Working Temperature	(-)20°C to (+)55°C				
10	Life expectancy of the product (LEDs)	> 50000 hrs.				
11	Luminous Efficacy of LED Package	>120 Lumens/Watt				
12	System Efficacy of Luminaire	>100 Lumens/Watt				
13	System Total Lumens	>2000	>3000	>4000	>5000	>10000
14	Color Temperature	3000K-6500K				
15	Color rendering index	> 75				
16	Beam Angle	>120°				
17	Make of LED	OSRAM / LUMILEDS				
18	Type of LED Package	Mid Power /High Power SMD				
19	PCB Type	MC PCB				
20	Driver efficiency	>90%				
21	Surge/Spike Protection	Upto 3KV Onboard				
22	THD (Total Harmonic Distortion)	<15% as per IEC 61000-3-2				
23	Line Protection	Under Voltage and Over Voltage Protection				
24	EMI - EMC (Electro-magnetic Interference - Electro-magnetic compatibility)	As Per CISPR 15 A (Self compliance certificate)				
25	Lamp Housing	High Pressure Diecast aluminum housing with Stainless Steel fastners				
26	Finish	Aesthetic and slender design of housing with powder coated matt/ glossy finish.				
27	Cover	UV stabilized Polycarbonate Cover with Lens				
28	Ingress Protection	Upto IP65				
29	Impact Resistance	Upto IK06				
30	Mounting arrangement	Upto 40 mm dia pipe				Upto 50 mm dia pipe
31	Thermal management	External heat sink of Aluminum housing with fins, aluminum metal-core printed circuit board of thermal conductivity more than than 2.0W/mk and thermal pad with thermal conductivity more than 1.5W/mk.				
32	Warranty	2 Years				