

Street Light Features

- LED Street Light has a long life and is the ideal solution for replacing conventional incandescent, CFL lights, Halogen and Tungsten Lights.
- Eco-Friendly, No Hg, No UV, No IR, Non-Dimmable.
- LED Street Light is designed using Thermal Conductive Aluminum ensure to heat dissipation.
- LED Street Light characterized by optimum light distribution and uniformity.
- The Street Light is aesthetic, Easy to install

Applications



LED Street Light Tech. Specifications	20W NH20SLCW BIO NH20SLNW BIO NH20SLWW BIO	25W NH25SLCW BIO NH25SLNW BIO NH25SLWW BIO	30W NH30SLCW BIO NH30SLNW BIO NH30SLWW BIO	45W NH45SLCW BIO NH45SLNW BIO NH45SLWW BIO
Lamp Specification				
Light Source Type	Cool, Natural & Warm White	Cool, Natural & Warm White	Cool, Natural & Warm White	Cool, Natural & Warm White
LED Manufacturer	Cree/Osram/ Citizen / Bridgelux/Seoul Semi	Cree/Osram/ Citizen / Bridgelux/Seoul Semi	Cree/Osram/ Citizen / Bridgelux/Seoul Semi	Cree/Osram/ Citizen / Bridgelux/Seoul Semi
LED Type	XB-D, SMT	XB-D, SMT	XB-D, SMT	XB-D, SMT
Beam Angle	170°	170°	170°	170°
Ingress Protection	Up to IP 68	Up to IP 68	Up to IP 68	Up to IP 68
LED Driver Output Voltage	25 to 27.0V @ 675mA	30 to 35.0V @ 720mA	34 to 40.0V @ 650mA	30 to 35.0V @ 1.25A
CCT	5500 to 6500 CW 4500 to 5500 NW 2700 to 3500 WW	5500 to 6500 CW 4500 to 5500 NW 2700 to 3500 WW	5500 to 6500 CW 4500 to 5500 NW 2700 to 3500 WW	5500 to 6500 CW 4500 to 5500 NW 2700 to 3500 WW
Light Output(Lumens)	1800Aprox.	2300Aprox.	3000Aprox.	4200Aprox.
Luminary Efficiency	> 80%	> 80%	> 80%	> 80%
Luminary Life (L70)	50,000 Hrs	50,000 Hrs	50,000 Hrs	50,000 Hrs
Driver Specification				
LED Driver Description	Constant Current Driver	Constant Current Driver	Constant Current Driver	Constant Current Driver
AC Input Voltage	140V-290V AC	140V-290V AC	140V-290V AC	140V-290V AC
Input Frequency	47-53Hz	47-53Hz	47-53Hz	47-53Hz
Power Factor	> 0.90	> 0.90	> 0.90	> 0.90
THD	>15%	>15%	>15%	>15%
Power Consumption Luminary	20W +/-2%	25W +/-2%	30W +/-2%	45W +/-2%
Driver Efficiency	> 85%	> 85%	> 85%	> 85%
Input Surge Protection	>5KVA	>5KVA	>5KVA	>5KVA
Housing Specification				
Construction of Casing	Aluminum Die cast, Powder Coated	Aluminum Die cast, Powder Coated	Aluminum Die cast, Powder Coated	Aluminum Die cast, Powder Coated
Weight	1.8Kg	1.8Kg	1.8Kg	3.2Kg
Luminary Cover	Toughened Glass	Toughened Glass	Toughened Glass	Toughened glass
Base	299x161x48mm	299x161x48mm	299x161x48mm	370X200X77mm
Environmental Specification				
Operating Temperature	-10 ° to +50°	-10 ° to +50°	-10 ° to +50°	-10 ° to +50°
Storage Temperature	-20° to +65°	-20° to +65°	-20° to +65°	-20° to +65°

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LED Street Light Tech. Specifications	72W NH72SLCW BIO NH72SLNW BIO NH72SLWW BIO	75W NH75SLCW BIO NH75SLNW BIO NH75SLWW BIO	90W NH90SLCW BIO NH90SLNW BIO NH90SLWW BIO	120W NH90SLCW BIO NH90SLNW BIO NH90SLWW BIO
Lamp Specification				
Light Source Type	Cool, Natural & Warm White	Cool, Natural & Warm White	Cool, Natural & Warm White	Cool, Natural & Warm White
LED Manufacturer	Cree/Osram/ Citizen / Bridgelux/Seoul Semi	Cree/Osram/ Citizen / Bridgelux/Seoul Semi	Cree/Osram/ Citizen / Bridgelux/Seoul Semi	Cree/Osram/ Citizen / Bridgelux/Seoul Semi
LED Type	XB-D, SMT	XB-D, SMT	XB-D, SMT	XB-D, SMT
Beam Angle	170°	170°	170°	170°
Ingress Protection	Up to IP 68	Up to IP 68	Up to IP 68	Up to IP 68
LED Driver Output Voltage	48VDC@190mA	48VDC@190mA	48VDC@210mA	48VDC@210mA
CCT	5500 to 6500 CW 4500 to 5500 NW 2700 to 3500 WW	5500 to 6500 CW 4500 to 5500 NW 2700 to 3500 WW	5500 to 6500 CW 4500 to 5500 NW 2700 to 3500 WW	5500 to 6500 CW 4500 to 5500 NW 2700 to 3500 WW
Light Output(Lumens)	6900Aprox.	7200 Aprox.	8600 Aprox.	11500Aprox.
Luminary Efficiency	> 80%	> 80%	> 80%	> 80%
Luminary Life (L70)	50,000 Hrs	50,000 Hrs	50,000 Hrs	50,000 Hrs
Driver Specification				
LED Driver Description	Constant Current Driver	Constant Current Driver	Constant Current Driver	Constant Current Driver
AC Input Voltage	140V-290V AC	140V-290V AC	140V-290V AC	140V-290V AC
Input Frequency	47-53Hz	47-53Hz	47-53Hz	47-53Hz
Power Factor	> 0.90	> 0.90	> 0.90	> 0.90
THD	>15%	>15%	>15%	>15%
Power Consumption Luminary	72W +/-2%	75W +/-2%	90W +/-2%	120W +/-2%
Driver Efficiency	> 85%	> 85%	> 85%	> 85%
Input Surge Protection	>5KVA	>5KVA	>5KVA	>5KVA
Housing Specification				
Construction of Casing	Die Cast Aluminum, Thermally Conductive	Die Cast Aluminum, Thermally Conductive	Die Cast Aluminum, Thermally Conductive	Die Cast Aluminum, Thermally Conductive
Weight				
Luminary Cover	Toughened Glass	Toughened Glass	Toughened Glass	Toughened Glass
Base	480mmx280mm	480mmx280mm	540mmx300mm	
Environmental Specification				
Operating Temperature	-10 ° to +50°	-10 ° to +50°	-10 ° to +50°	-10 ° to +50°
Storage Temperature	-20° to +65°	-20° to +65°	-20° to +65°	-20° to +65°