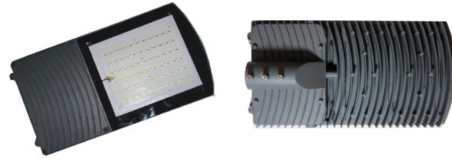


INTELIZON

ZONSTREET - GR



ZONSTREET-GR is our Grid based LED street lighting for replacing the conventional Sodium vapor, fluorescent and metal halide lights. Some of its features are:

- High voltage Protection up to 440VAC & Surge protection up to 4KVA
- Reliable and efficient electronics with high power factor
- Pressure Die Cast Aluminium body for improving led life
- IP65 protection

Grid based LED street lighting specifications						
	units	30W	40W	80W	120W	350W (FL)
Lamp Specification						
Light Source Type		High Bright White LED	High Bright White LED	High Bright White LED	High Bright White LED	High Bright White LED
LED Manufacturer		Nichia	Nichia	Nichia	Nichia	Nichia
LED Type		NVSW219BT-V1	NVSW219BT-V1	NVSW219BT-V1	NVSW219BT-V1	NVSW219BT-V1
LED Driver Output Voltage		34 to 39.0V @ 650mA	36 to 42.0V @ 900mA	36 to 42.0V @ 1.8A	36 to 42.0V @ 2.7A	38 to 44.0V @ 2.1A-4 Drivers
Specification						
Wattage of Street Light		30W ±10%)	40W± 10%)	80W± 10%)	120W± 10%)	400W± 10%)
Color		Out door White	Out door White	Out door White	Out door White	cool white
CCT		5000 to 6000K	5000 to 6000K	5000 to 6000K	5000 to 6000K	5310 to 6020K
Light Output (Typical)	lm/W	120	120	120	120	120
Luminary Life (L70)		50,000 Hrs	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	Constant Current Driver
AC Input Voltage	VAC	140-290	140-290	140-290	140-290	140-300
Input Frequency	hz	47 - 53	47 - 53	47 - 53	47 - 53	47 - 53
Power Factor	p.F	> 0.95	> 0.95	> 0.95	> 0.95	> 0.95
THD		<10%	<10%	<10%	<10%	<10%
LED Wattage	W	25.8W± 10%	36W± 10%)	72W±10%)	108W± 10%	350W± 10%
Driver Efficiency		> 85%	> 85%	> 85%	> 85%	> 87%
Surge Protection		>+/-4KV	>+/-4KV	>+/-4KV	>+/-4KV	>+/-5KV
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	Aluminum Die cast, Powder Coated
Weight	Kg	1.8±0.5	2.5±0.5	7.5±0.5	8.5±0.5	13.25±0.5

Luminary Cover		Toughened glass	Toughened glass	Toughened glass	Toughened glass	Transparent Glass
Secondary Optics		With perfectly matched lens for better light control & to throw uniform light with best pole spacing	With perfectly matched lens for better light control & to throw uniform light with best pole spacing	With perfectly matched lens for better light control & to throw uniform light with best pole spacing	With perfectly matched lens for better light control & to throw uniform light with best pole spacing	With perfectly matched lens for better light control & to throw uniform light with best pole spacing
Environmental Specification						
Operating Temperature	deg	-10 ° to +45°	-10 ° to +45°	-10 ° to +45°	-10 ° to +45°	-10 ° to +45°
Storage Temperature	deg	-20° to +65°	-20° to +65°	-20° to +65°	-20° to +65°	-20° to +65°