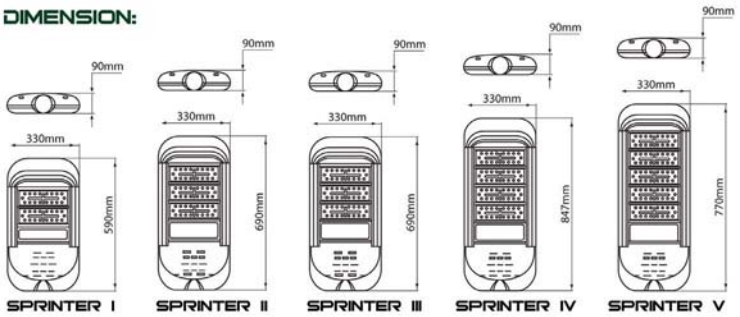
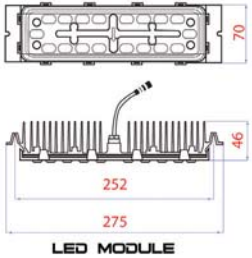
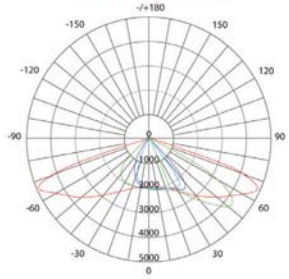
DIMENSION:

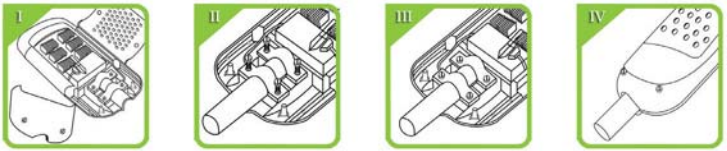




PHOTOMETRIC:



INSTALLATION MANUAL:



CE RoHS SAA CB DLC UL TÜV

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Super Spruce Energy S/B (1112532-A)
No 2, Block B, Lot 756, Jalan Subang 3,
Taman Industrial Sg Penaga, 47160 Subang Jaya. Selangor Darul Ehsan.
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SPRINTER SERIES

LED Street Lantern

ONIRII

Grade 304 Stainless Steel Pole Lock Mechanism

Easy Maintenance weather proof connector between driver and SPD

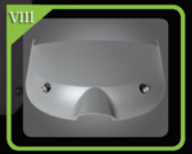
Remarkable "Breathing hole" back cover design

"Plug & Go" Design LED Modular Connector

20kA SPD (Surge Protective Device)

Inventronics IP67 Preset Timer Dimmable Driver

State-Of-The Art IP68 LED Modular Design


Easy Access lower back cover for installation

FEATURES :

- Certified "Enviromental Friendly" products created with LED Technology
- 100% Mercury and Lead-Free increase the feasibility of use of LED
- 50,000-Hour Life Span
- New Generation Modular Design offers extensive application and easy maintenance
- Compatiable with all SPRINTERS Series Products
- The "Plug & Go" weather-proof connector provides high mobility and tool-free maintenance
- With IP68 on the modular, LED Street Lantern is weather-proof and can be fully submersed under the water
- Scalable LED Modulars to fullfil various requirements
- Open Air Type Die-Cast Aluminium with epoxy powder coated housing allows 100% natural air cooling, enhancing heat dissipation of LED modules
- Independent Modular design does not affect other modulars when it is damaged
- Modular designed for effortless upgrades to future LED generations
- Constant power driver
- Pre-Set Timer Dimming System
- New Generation Dimmable Electronics Driver
- Customised front cover design provides high uniformity and ensures no "Dark Spots" in the event of partial failure
- Minimun 20kA external SPD (Surge Protective Device) offers double-layered protection

TECHNICAL DATA :

PHILIPS LUMILEDS LUXEON

Model	SPRINTER I	SPRINTER II	SPRINTER III	SPRINTER IV	SPRINTER V
Light Source	Philips Lumileds LED	Philips Lumileds LED	Philips Lumileds LED	Philips Lumileds LED	Philips Lumileds LED
LED Series	LUXEON T	LUXEON T	LUXEON T	LUXEON T	LUXEON T
LED Modular Connection	2 Modulars X 18 LUXEON T LED	3 Modulars X 18 LUXEON T LED	3 Modulars X 18 LUXEON T LED	4 Modulars X 18 LUXEON T LED	5 Modulars X 18 LUXEON T LED
Drive Current	700mA	700mA	700mA	700mA	700mA
Power	80W	100W	120W	160W	200W
MAX System Power	82W	102W	122W	162W	202W
Luminous Flux (absolute)	7,680Lm	10,000Lm	11,520Lm	15,360Lm	19,200Lm
Luminaire Efficacy	96Lm/W	100Lm/W	96Lm/W	96Lm/W	96Lm/W
Colour Temperature (CCT)	3000K	3000K	3000K	3000K	3000K
Colour Rendering Index (CRI)	75±5	75±5	75±5	75±5	75±5
LED Life Span	50,000	50,000	50,000	50,000	50,000
Lumen Maintenance @ 50,000 Hrs	70% Lumen Maintenance	70% Lumen Maintenance	70% Lumen Maintenance	70% Lumen Maintenance	70% Lumen Maintenance
Operating Temperature Range	40°C ~ + 50°C	40°C ~ + 50°C	40°C ~ + 50°C	40°C ~ + 50°C	40°C ~ + 50°C
Driver	External	External	External	External	External
Operating Voltage	200-240Vac	200-240Vac	200-240Vac	200-240Vac	200-240Vac
Classification	Class I	Class I	Class I	Class I	Class I
Power Factor	>0.85	>0.85	>0.85	>0.85	>0.85
Driver Special Feature	Pre-Set Timer Dimming	Pre-Set Timer Dimming	Pre-Set Timer Dimming	Pre-Set Timer Dimming	Pre-Set Timer Dimming
SPD (Surge Protective Device)	External 10kV, 20kA	External 10kV, 20kA	External 10kV, 20kA	External 10kV, 20kA	External 10kV, 20kA
Housing Materials	Die-Cast Aluminium Alloy	Die-Cast Aluminium Alloy	Die-Cast Aluminium Alloy	Die-Cast Aluminium Alloy	Die-Cast Aluminium Alloy
Ingress Protection (IP) For LED Module	IP68	IP68	IP68	IP68	IP68
Ingress Protection (IP) For LED Driver	IP67	IP67	IP67	IP67	IP67
Ingress Protection For Luminaire	IP66	IP66	IP66	IP66	IP66
Installation Diameter (MM)	Side Entry 57~63MM	Side Entry 57~63MM	Side Entry 57~63MM	Side Entry 57~63MM	Side Entry 57~63MM
Maintenance	Top Open Cover Access, "Plug & Go" weather proof connector and tool-free screw lock at LED modular ends (Maintenance's Activity can be completed by bare hands practically)				
Weight (KG)(Nett Weight)	8.9 KG	8.9 KG	9.5 KG	10.7 KG	11.9 KG
Compliance LM80 (LED Chip)	✓	✓	✓	✓	✓
Compliance LM79 (Luminaire)	✓	✓	✓	✓	✓
Luminaire	EN 60598-1, EN 60598-2-3, EN 62471, EN 62493, EN 61000-3, EN 61547				
LED Driver	CE 61347-1, EN 61347-2-13, EN 55015/GB 17743, EN61000-3-2/GB 17625.1, EN 61000-3-3, EN 61000-4-2,-3,-4,-5,-6,-8,-11, EN 61547				

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