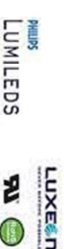


FEATURES :

- Certified "Environmental 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
- Compatible 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 fulfill 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
- Minimum 20kA external SPD (Surge Protective Device) offers double-layered protection



TECHNICAL DATA :



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 / XPG3	LUXEON T / XPG3	LUXEON T / XPG3	LUXEON T / XPG3	LUXEON T / XPG3
LED Modular Connection	2 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	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)	8,000lm	10,000lm	12,000lm	16,500lm	19,200lm
Luminaire Efficacy	>90lm/W	>90lm/W	>90lm/W	>90lm/W	>90lm/W
Colour Rendering Index (CRI)	3000K/5000K	3000K/5000K	3000K/5000K	3000K/5000K	3000K/5000K
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 @30,000 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	220-240V~ac	220-240V~ac	220-240V~ac	220-240V~ac	220-240V~ac
Classification	Class I	Class I	Class I	Class I	Class I
Power Factor	>0.90	>0.90	>0.90	>0.90	>0.90
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)(Net Weight)	8.9 KG	8.9 KG	9.5 KG	10.7 KG	11.9 KG
Compliance LM80 (LED Chip)	✓	✓	✓	✓	✓
Compliance LM79 (Luminaire)	✓	X	✓	✓	X
LED Driver	IEC 62722-1, IEC 62722-2-1, CISPR15, IEC 60598-1, IEC 60598-2-3, IEC 62471, EN 62493, EN 61000-3, EN 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				



I
Grade 304 Stainless Steel Pole Lock Mechanism



II
Easy Maintenance weather proof connector between driver and SPD



III
Remarkable "Breathing hole" Back cover design



IV
"Plug & Go" Design LED Modular Connector



V
20kA SPD (Surge Protective Device)



VI
Inventronics IP67 Preset Timer Dimmable Driver



VII
State-Of-The-Art IP68 LED Modular Design



VIII
Easy Access lower back cover for installation

