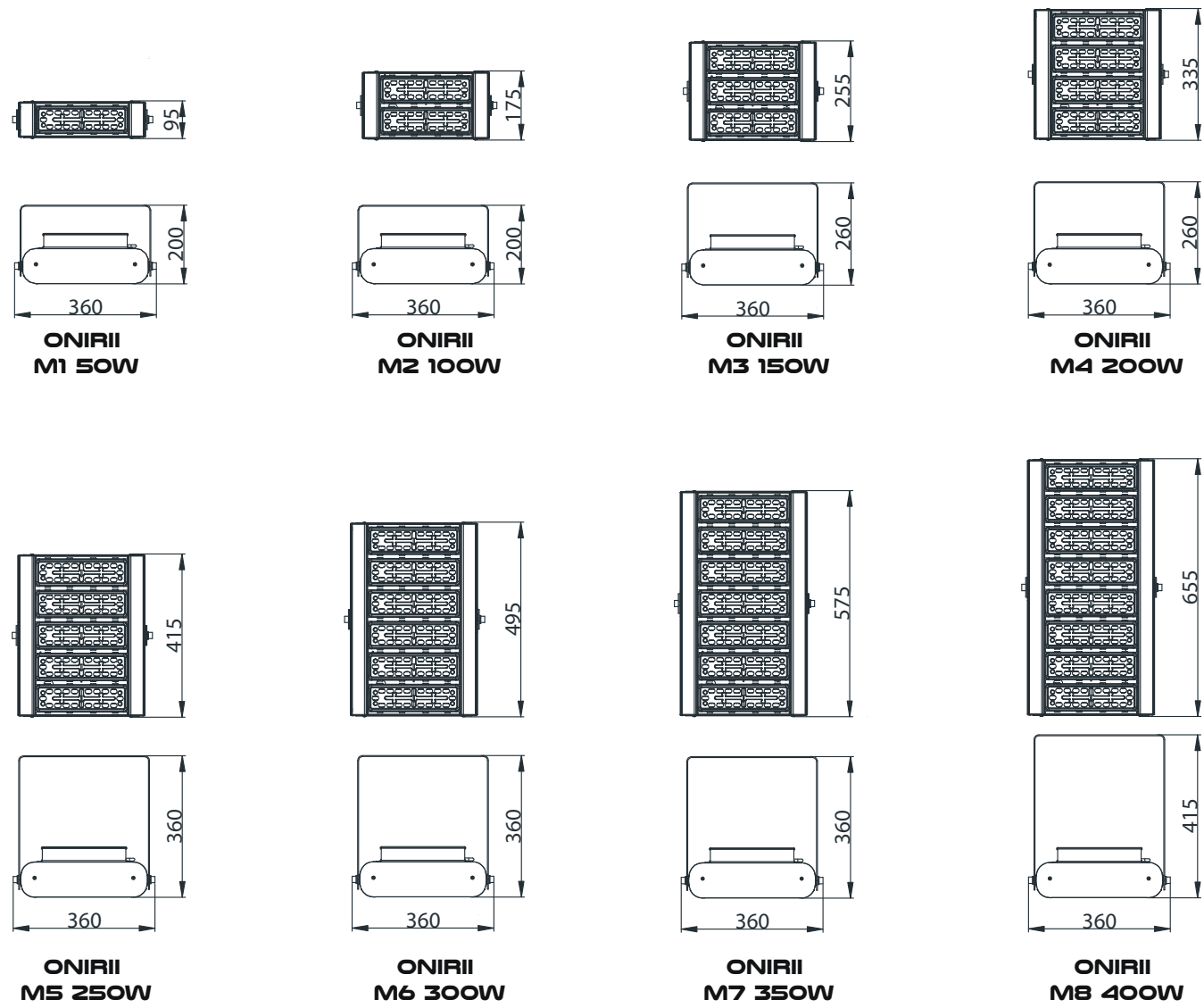


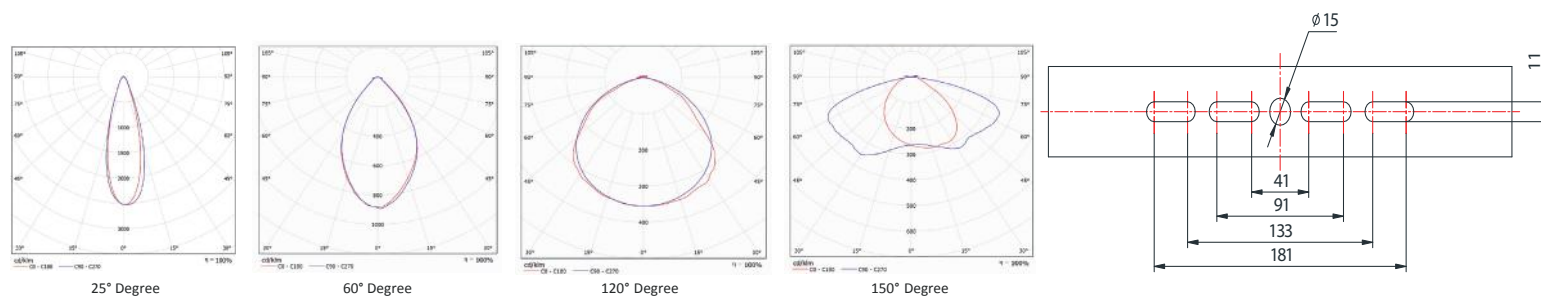
dimension :



ONIRII M SERIES



photometric :



Super Spruce Energy S/B (1112532-A)
 No 1, Block C, Lot 757, Jalan Subang 3, Taman Industrial Sg Penaga, 47610 Subang Jaya,
 Selangor, Darul Ehsan.
 Tel: 603-8081 1326 / 7326 Fax: 603-8081 5326 Email: sales@onirii.com.my

LED LIGHT

products features :

- LED Technology had being certified “Environmental Friendly” Product
- 100% Mercury and Lead Free strengthen the feasibility of use of LED
- 50,000 Hours Life Span
- New Era Modular Design offered Extensive application and Easy Maintenance
- Compatible with all ONIRII M Series Products
- With IP68 on the modular, our Multi Purpose LED Lights offered not just simply weather proof but capable fully submersed under the water
- Multi Purpose LED Light gives no limit to any indoor/outdoor application such as factory, warehouse, compound, garden, docks.yards, ports etc
- Scalable LED Modulares to full field various of requirements
- Open Air Type Die-Cast Aluminium with epoxy powder coating housing allows 100% natural air cooling thus enhanced to the heat dissipation of the LED modules
- Independent Modular design gives NO affects to other modular when it particularly damaged
- Modular design for effortless up-grade to future LED generations
- Constant power driver
- Min 20kA external SPD (Surge Protective Device) offered double layered of protection
- Back Driver cover for extra protection (Optional)



technical data :



I
Stainless Steel Lock Nut & Angle Plate



II
State-of-The Art IP68 LED Modular System



III
20kA (Surge Protective Device)



IV
Philips Lumileds LED Chip



V
Inventronics IP67 Preset Timer Dimmable Driver



VI
Easy Maintenance Weather Proof Connector IP68

Model	Onirii M1	Onirii M2	Onirii M3	Onirii M4
Light Source	PHILIPS Lumileds LED	PHILIPS Lumileds LED	PHILIPS Lumileds LED	PHILIPS Lumileds LED
LED Series	Lumileds 3030	Lumileds 3030	Lumileds 3030	Lumileds 3030
LED Modular Connection	1 Modular x Lumileds 3030 LED	2 Modulares x Lumileds 3030 LED	3 Modulares x Lumileds 3030 LED	4 Modulares x Lumileds 3030 LED
Drive Current	860mA	860mA	860mA	860mA
Power	50W	100W	150W	200W
MAX System Power	52W	102W	152W	202W
Luminous Flux (absolute)	5500lm	11000lm	16500lm	22000lm
Luminaire Efficacy	109lm/W	107lm/W	108lm/W	108lm/W
Beam Angle	25°/60°/120°/150°	25°/60°/120°/150°	25°/60°/120°/150°	25°/60°/120°/150°
Color Temperature (CCT)	5000K	5000K	5000K	5000K
Color Rendering Index (CRI)	75 ± 5	75 ± 5	75 ± 5	75 ± 5
LED Life Span	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
Operating Temperature Range	-40°C~+50°C	-40°C~+50°C	-40°C~+50°C	-40°C~+50°C
Driver	External	External	External	External
Mains Voltage	160-305Vac	160-305Vac	160-305Vac	160-305Vac
Classification	Class 1	Class 1	Class 1	Class 1
Power Factor	<0.90	<0.90	<0.90	<0.90
SPD (Surge Protective Device)	External 10kV, 20kA	External 10kV, 20kA	External 10kV, 20kA	External 10kV, 20kA
Hosing Materials	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
Ingress Protection (IP) For LED Driver	IP67	IP67	IP67	IP67
Luminaire Dimension (H x W x L) (mm)	95mm x 360mm x 200mm	175mm x 360mm x 200mm	255mm x 360mm x 260mm	335mm x 360mm x 260mm
Maintenance	Unscrew Back Lid for LED Modular charging / LED Driver and SPD are expose at back lid for easy maintenance purpose			
Weight (KG) (Nett Weight)	3.6KG	4.7KG	6.0KG	7.3KG
LED Driver	CE 61347-1, EN 61347-2-13, EN55015 / GB 17743, EN61000-3-2 / GB 17625.1, EN 61000-3-3, EN61000-4-2, -3, -4, -5, -6, -8, -11, EN 61547			

Model	Onirii M5	Onirii M6	Onirii M7	Onirii M8
Light Source	PHILIPS Lumileds LED	PHILIPS Lumileds LED	PHILIPS Lumileds LED	PHILIPS Lumileds LED
LED Series	Lumileds 3030	Lumileds 3030	Lumileds 3030	Lumileds 3030
LED Modular Connection	5 Modulares x Lumileds 3030 LED	6 Modulares x Lumileds 3030 LED	7 Modulares x Lumileds 3030 LED	8 Modulares x Lumileds 3030 LED
Drive Current	860mA	860mA	860mA	860mA
Power	250W	300W	350W	400W
MAX System Power	252W	302W	352W	402W
Luminous Flux (absolute)	26000lm	33000lm	38500lm	44000lm
Luminaire Efficacy	103lm/W	109lm/W	109lm/W	111lm/W
Beam Angle	25°/60°/120°/150°	25°/60°/120°/150°	25°/60°/120°/150°	25°/60°/120°/150°
Color Temperature (CCT)	5000K	5000K	5000K	5000K
Color Rendering Index (CRI)	75 ± 5	75 ± 5	75 ± 5	75 ± 5
LED Life Span	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
Operating Temperature Range	-40°C~+50°C	-40°C~+50°C	-40°C~+50°C	-40°C~+50°C
Driver	External	External	External	External
Mains Voltage	160-305Vac	176-305Vac	176-305Vac	176-305Vac
Classification	Class 1	Class 1	Class 1	Class 1
Power Factor	<0.90	<0.90	<0.90	<0.90
SPD (Surge Protective Device)	External 10kV, 20kA	External 10kV, 20kA	External 10kV, 20kA	External 10kV, 20kA
Hosing Materials	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
Ingress Protection (IP) For LED Driver	IP67	IP67	IP67	IP67
Luminaire Dimension (H x W x L) (mm)	415mm x 360mm x 360mm	495mm x 360mm x 360mm	575mm x 360mm x 360mm	655mm x 415mm x 360mm
Maintenance	Unscrew Back Lid for LED Modular charging / LED Driver and SPD are expose at back lid for easy maintenance purpose			
Weight (KG) (Nett Weight)	9.5KG	10.4KG	11.9KG	13.1KG
LED Driver	CE 61347-1, EN 61347-2-13, EN55015 / GB 17743, EN61000-3-2 / GB 17625.1, EN 61000-3-3, EN61000-4-2, -3, -4, -5, -6, -8, -11, EN 61547			