

LED DETAIL

Revolutionary built-in driver design with extremely simple and clean appearance.



Detailed Features



4 screw points to assemble LED modules with housing.



Exquisite design with powerful thermal dissipation and IP67 waterproof performance.



Reasonable heat sink design, not only keep ventilation but also avoid overheating.



Gaps between each module increase heat dissipation speed and solve the problem of dust deposition.



Full aluminum enhanced luminaire bracket supports flexible angle adjustment.



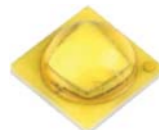
Revolutionary built-in driver design with extremely simple and clean appearance.

LED Luminous source



SEOUL

Never before possible
Greater than 135lm/W high efficacy.
Illumination grade LED light source.



RoHS

LED Module

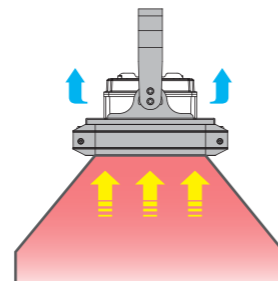
Exquisite design with powerful thermal dissipation and IP67 waterproof performance.



Overall stainless steel screws adopted.

Xtreme luminaire design

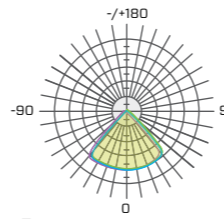
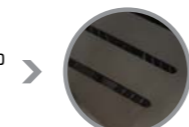
reasonable heat sink design, not only keep ventilation but also avoid overheating.



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Applications

Billboard | Area Lighting | Architecture Lighting | Landscape Lighting



Lens code : 90°



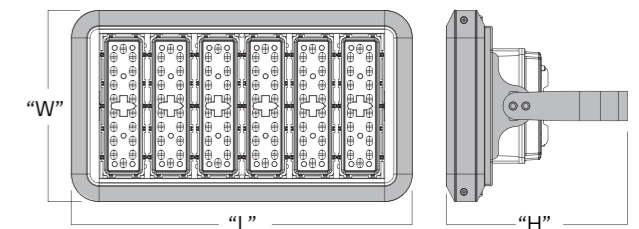
LED SPECIFICATION



Specification	PFL-100	PFL-150	PFL-200	PFL-250	PFL-300
Nominal Wattage	100W	150W	200W	250W	300W
Number of Modules	2	3	4	5	6
Power Factor PF	>0.95	>0.95	>0.95	>0.95	>0.95
Total Harmonic Distortion THD	<10%	<10%	<10%	<10%	<10%
Efficiency	0.92	0.92	0.92	0.92	0.92
Certification	UL CE RoHs	UL CE RoHs	UL CE RoHs	UL CE RoHs	UL CE RoHs
Protection Rating	IP67	IP67	IP67	IP67	IP67
Lumens Output (±5%)	10000lm	15000lm	20000lm	25000lm	30000lm
Optic	90°	90°	90°	90°	90°
CRI	>75	>75	>75	>75	>75
CCT	Cool White 6000K	Cool White 6000K	Cool White 6000K	Cool White 6000K	Cool White 6000K
Heat Radiator	Anodized Aluminum	Anodized Aluminum	Anodized Aluminum	Anodized Aluminum	Anodized Aluminum
Lens	PC (UV resistance)	PC (UV resistance)	PC (UV resistance)	PC (UV resistance)	PC (UV resistance)
Packaging Type	1 unit/ctn	1 unit/ctn	1 unit/ctn	1 unit/ctn	1 unit/ctn

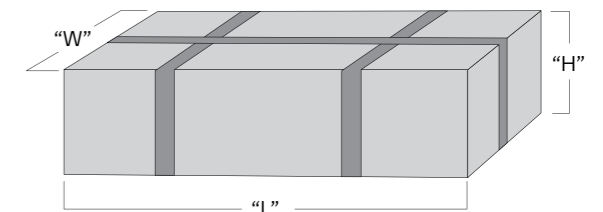
Dimension Data & Weight

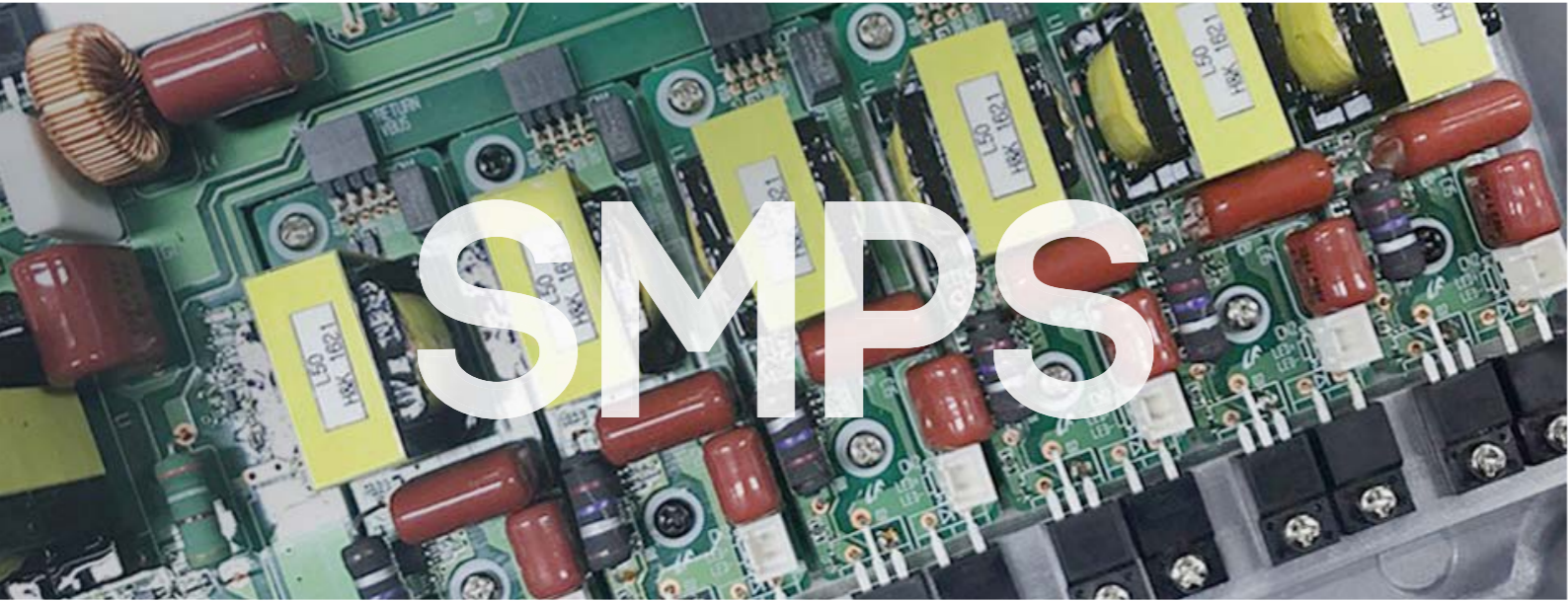
Number of modules	2	3	4	5	6
"L" Length (mm)	248	324	400	476	552
"H" Height (mm)	277	277	277	277	277
"W" Width (mm)	324	324	324	324	324
Weight (Kg)	4.9	5.3	9.5	10.1	11.7



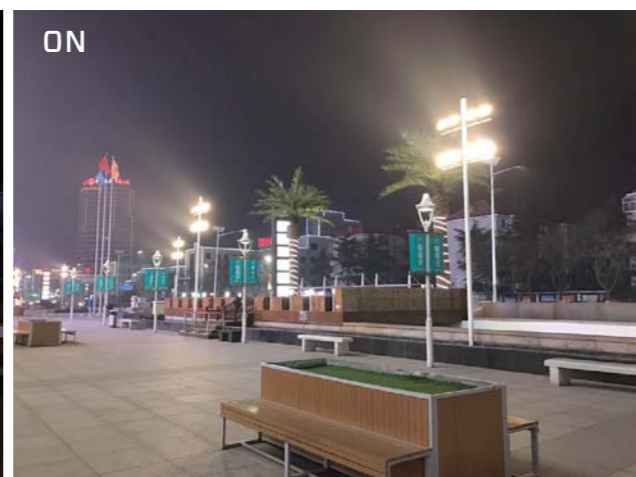
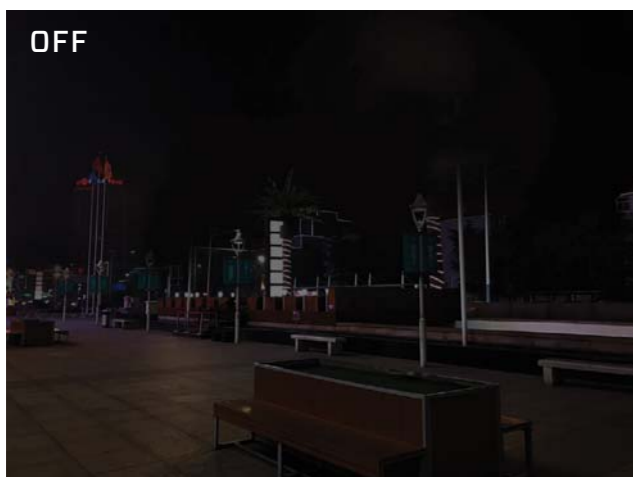
Packaging Data & Weight

Number of modules	2	3	4	5	6
"L" Length (mm)	310	390	470	550	630
"H" Height (mm)	360	360	360	360	360
"W" Width (mm)	240	240	240	240	240
Weight (Kg)	5.2	5.6	9.8	10.5	12.2

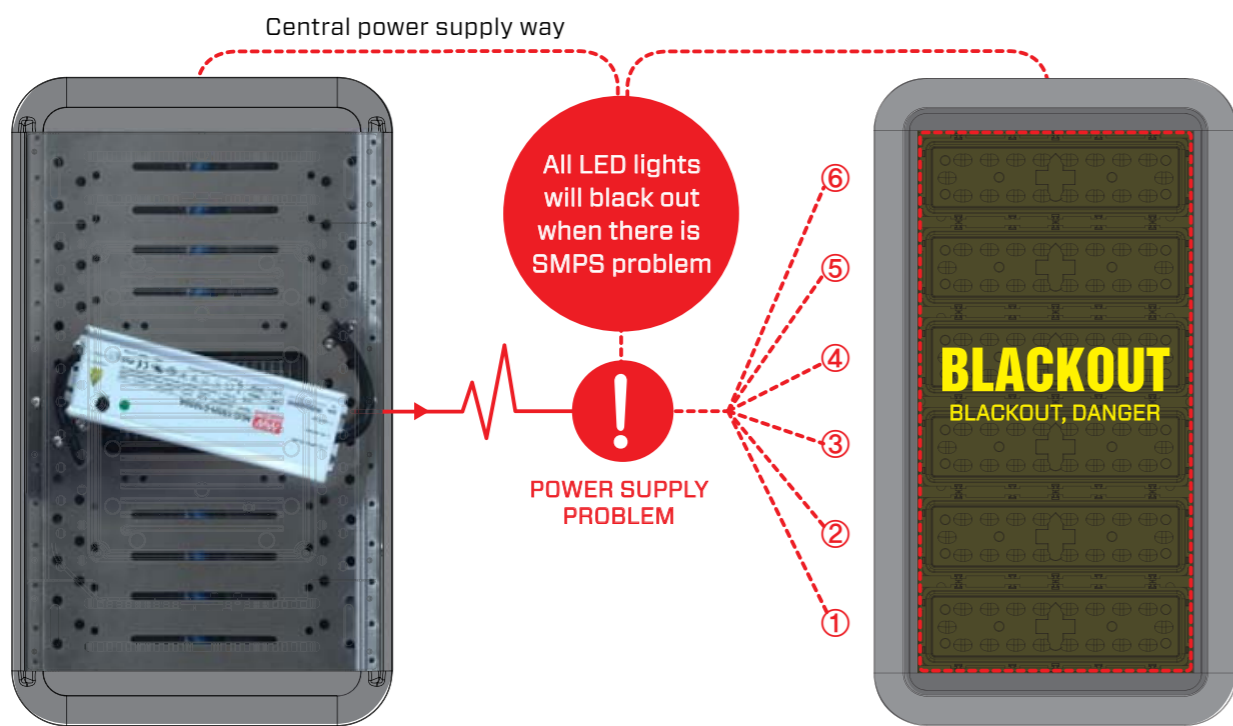




OFF & ON




Other Product Detail



POWERTECH Product Detail

Certification

Korea Certification 

Waterproof Housing **IP67**

USA Certification 

Suitable for DRY, DAMP and WET Location



Specification

Model	PFL-100	PFL-150	PFL-200	PFL-250	PFL-300
Input Voltage	100-240V AC 50/60HZ	100-240V AC 50/60HZ	100-240V AC 50/60HZ	100-240V AC 50/60HZ	100-240V AC 50/60HZ
Power consumption	830mA	1250mA	1660mA	2080mA	2500mA
Operating Temperature	-40°C to +50°C	-40°C to +50°C	-40°C to +50°C	-40°C to +50°C	-40°C to +50°C

POWERTECH Product Detail

