

AFL60

LED Flood Light Series

CE ErP

MAIN APPLICATIONS



ROADS & MOTORWAYS



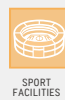
TUNNELS & UNDERPASSES



LARGE AREAS



INDUSTRIAL HALLS & WAREHOUSES



SPORT FACILITIES



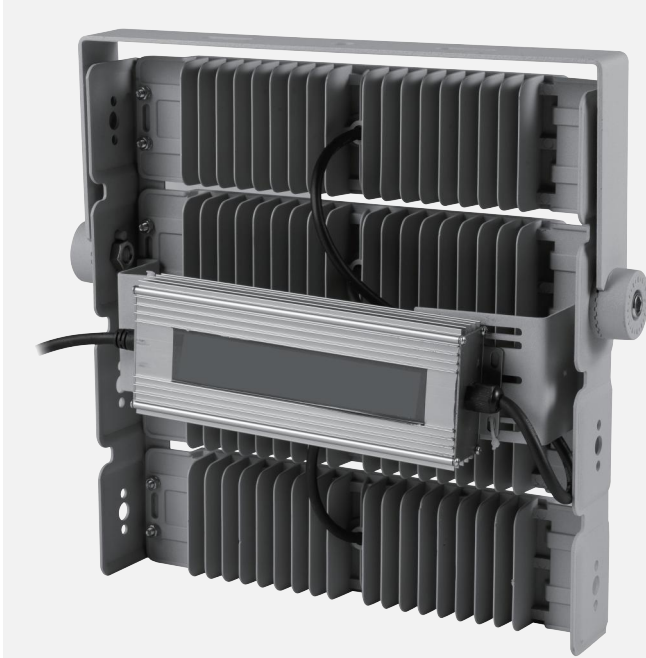
ACCENT & ARCHITECTURAL



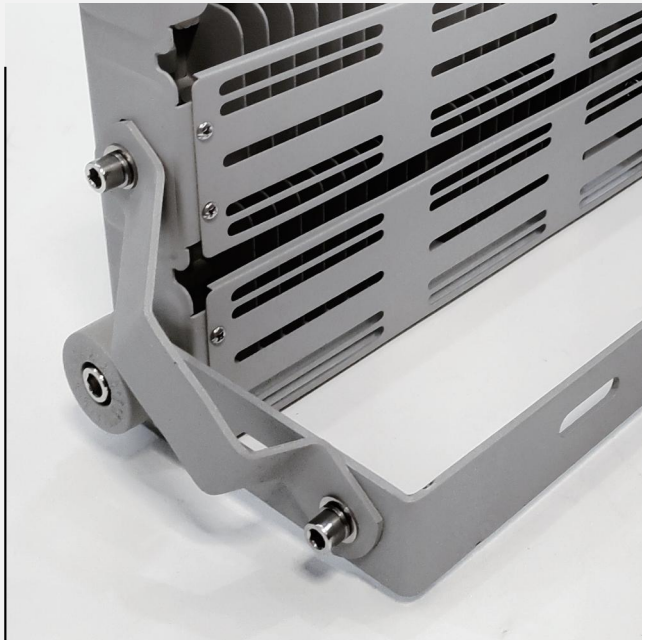
CAR PARKS

Advantages

- Efficiency:160Lm/W
- Patent and private module, integrated aluminum die-casting body.
- Honeycomb heat dissipation design
- Can use multiple modules in parallel



Driver



Bracket

AFL60 — Series



50W



100W



150W



200W



250W



300W

AFL60 Technical Data

LED Chip Brand	Lumileds Cree Epistar plus
LED Chip Type	SMD3030 SMD5050
Luminous Efficacy	160LM/W
Color Rendering Index (RA)	> 70 80 90
Color Temperature	2700K-6500K
Beam Angle	30° 60° 90°
Number Of Leds	A:64 Pcs B:128 Pcs C:192 Pcs D:272 Pcs E:320 Pcs F:384 Pcs G:512 Pcs H:640 Pcs I:768 Pcs
Life Time	100000 Hours

Electrical Parameters

Power A	50W
Power B	100W
Power C	150W
Power D	200W
Power E	250W
Power F	300W
Power G	400W
Power H	500W
Power I	600W
Voltage	AC85-305V
Electrical Security Class	Class I Class II
Work Temperature	(-30 °C to 50 °C)
Humidity	10 % to 90%
IP Grade	IP66
IK Grade	IK08
SPD	10KV 20KV (Optional)

Driver

Brand	Philips Inventronics Sosen OEM
Power Factor	>0.90
Performance	> 90%
IP Grade	IP67
THD	<12%

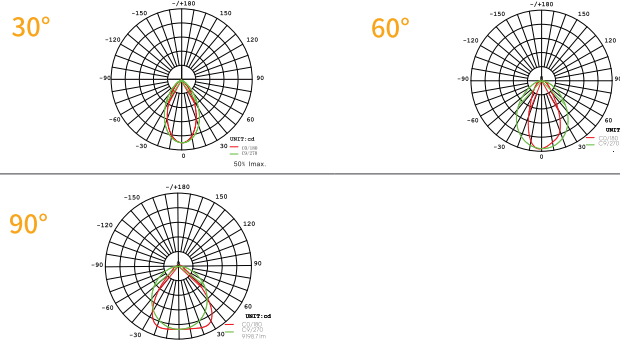
Materials and Properties

Material Of Shell	Aluminum (ADC12) +PC
Material Of Lens	PC
Size 50W (mm)	350*175*75
Size 100W (mm)	350*250*75
Size 150W (mm)	350*340*75
Size 200W (mm)	350*410*75
Size 250W (mm)	350*485*75
Size 300W (mm)	350*575*75
Size 400W (mm)	665*370*75
Size 500W (mm)	665*455*75
Size 600W (mm)	665*535*75

Tested according to

CE-LVD	EN 60598-2-3:2003 + A1:2011 EN IEC 60598-1:2021 EN 62471:2008 EN 62493:2015
CE-EMC	EN 55015:2013+A1:2015 EN 61547:2009 EN IEC 61000-3-2:2019 EN 61000-3-3:2013+A1:2019
ROHS	IEC62321-1:2013, IEC62321-3-1:2013 IEC62321-4:2013/AMD1:2017 IEC62321-5:2013, IEC62321-6:2015 IEC62321-7-1:2015, IEC62321-7-2:2017 IEC62321-8:2017

Typical Photometric Features



Product Size

