



AFL74

LED Flood Light Series

CE ErP

MAIN APPLICATIONS



ROADS & MOTORWAYS



TUNNELS & UNDERPASSES



LARGE AREAS



INDUSTRIAL
HALLS &
WAREHOUSES



SPORT
FACILITIES



ACCENT &
ARCHITECTURAL

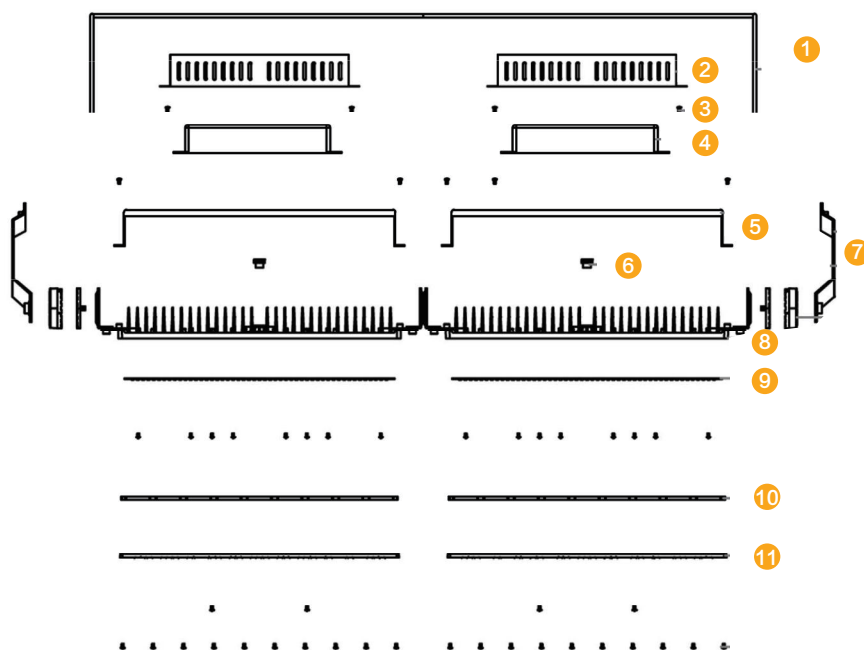


CAR PARKS



Advantages

- Luminous efficacy: Up to 180Lm/W
- Patent and private module, integrated aluminum die-casting body.
- Honeycomb heat dissipation design
- Can use multiple modules in parallel



- 1 Support
- 2 Power supply
- 3 Screw
- 4 Driver
- 5 Power stand
- 6 Respirator
- 7 Bracket connecting piece
- 8 SMD3030 LED
- 9 Aluminium base
- 10 Silica gel
- 11 Lens

AFL74 — Series



250W



500W



750W



1000W



1000W



1500W



2000W



2500W

AFL74 Technical Data

LED Chip Brand	Lumileds Cree Epistar plus
LED Chip Type	SMD3030
Luminous Efficacy	180LM/W
Color Rendering Index (RA)	> 70 80 90
Color Temperature	2700K-6500K
Beam Angle	60° 90° Polarization 40°
Number Of Lens	A:336 Pcs B:672 Pcs C:1008 Pcs D:1344 Pcs E:1344 Pcs F:2016 Pcs G:2688 Pcs
Life Time	100000 Hours

Electrical Parameters

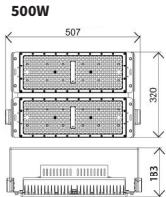
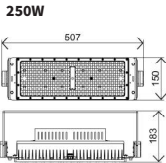
Power A	250W
Power B	500W
Power C	750W
Power D	1000W
Power E	1000W
Power F	1500W
Power G	2000W
Power H	2500W
Voltage	AC85-305V
Electrical Security Class	Class I Class II
Work Temperature	(-30 °C to 50 °C)
Humidity	10 % to 90%
IP Grade	IP66
IK Grade	IK08
SPD	10KV 20KV (Optional)

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)
Material Of Lens	PC
Size 250W (mm)	507*183*150
Size 500W (mm)	507*183*320
Size 750W (mm)	507*183*490
Size 1000W (mm)	505*183*660
Size 1000W (mm)	983*251*320
Size 1500W (mm)	983*251*490
Size 2000W (mm)	983*251*660
Size 2500W (mm)	983*251*830

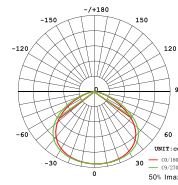


Tested according to

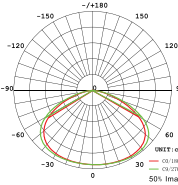
CE-LVD	EN 60598-2-3:2003+A1:2011 EN IEC 60598-1:2024 + A11:2024 EN IEC 62031:2020+A11:2021 EN 62262:2002+A1:2021 EN 62493:2015+A1:2022
CE-EMC	EN IEC 55015:2019+A11:2020: EN IEC 61547:2023 EN IEC 61000-3-2:2019+ A1: 2021+A2:2024: EN 61000-3-3:2013+A1:2019+A2:2021
ROHS	IEC62321-1:2013, IEC62321-3-1:2013 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

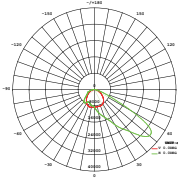
60°



90°

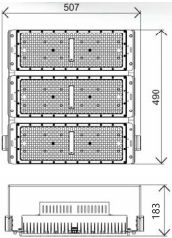


40°

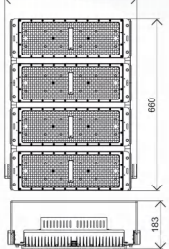


Product Size

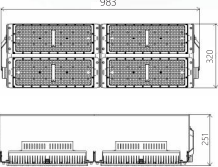
750W



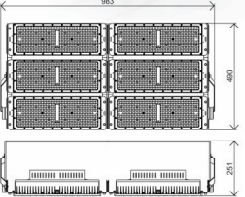
1000W



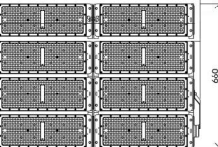
1000W



1500W



2000W



2500W

