



ASC02

LED Street Light Series



CE ErP

MAIN APPLICATIONS



ROADS & MOTORWAYS



TUNNELS & UNDERPASSES



LARGE AREAS



INDUSTRIAL HALLS & WAREHOUSES



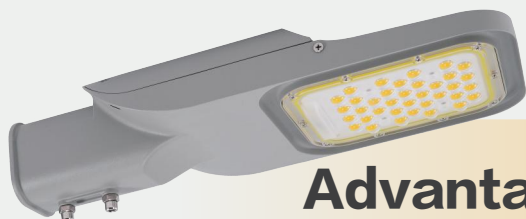
ACCENT & ARCHITECTURAL



CAR PARKS



RAILWAY STATIONS & METROS



Advantages

- Luminous efficacy: Up to 220Lm/W
- Optimized efficiency and light mode control.
- Durable outdoor lens material with consistent photometric performance.
- Smart street lighting can be integrated optionally.

Product Details

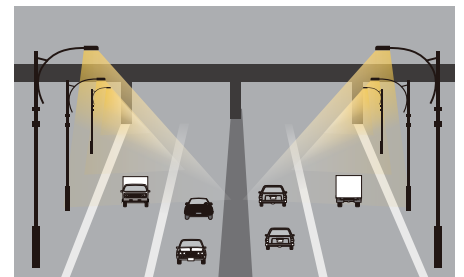


1 Driver Brand

2 Detachable Driver



Road types



Installation Diagram



Wall straight rod
installation



Straight cement pole
installation



Wall bend installation



Cement pole bent pipe
installation

ASC02 Technical Data

LED Chip Brand	Lumileds Cree Epistar plus
LED Chip Type	SMD3030 SMD5050
Luminous Efficacy	220LM/W
Color Rendering Index (RA)	> 70 80 90
Color Temperature	2200K-6500K
Beam Angle	150X80°
Number Of Leds	SMD3030- A:72Pcs B:144Pcs SMD5050- A:36Pcs B:72Pcs
Life Time (LM-80)	100000 Hours

Electrical Parameters

Power A	50W
Power B	100W
Voltage	AC85-305V
Frequency	50/60Hz
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)

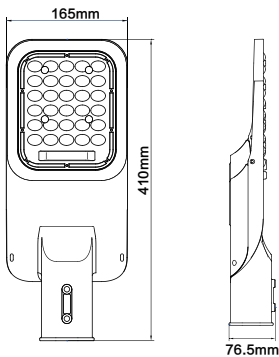
Driver

Brand	Philips Inventronics Meanwell Sosen Moso OEM
Power Factor	>0.95
Performance	> 90%
IP Grade	IP20 to IP67
THD	< 12%

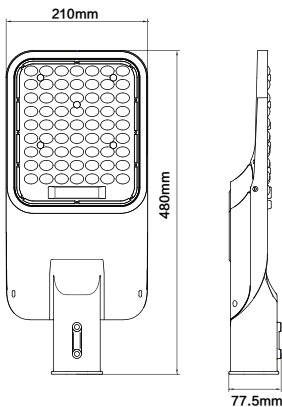
Materials and Properties

Material Of Shell	Aluminum (ADC12) + PC
Material Of Lens	PMMA PC
Color Of Lens	Transparent / Amber
Color Of Shell	RAL 9002 RAL7040 etc (customized by customer)
Pole diameter (mm)	60
Size A (mm)	410*165*76.5
Size B (mm)	480*210*77.5

A.Size A



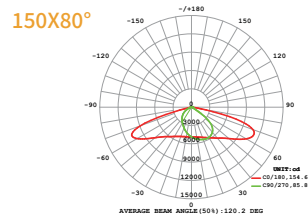
B.Size B



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



Mounting Height

