

# ASC05

LED Street Light Series

 IP66

 IK10

 CB 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 190Lm/W
- LED board and LED driver housed in the same compartment, enabling easy maintenance.

## Product Details



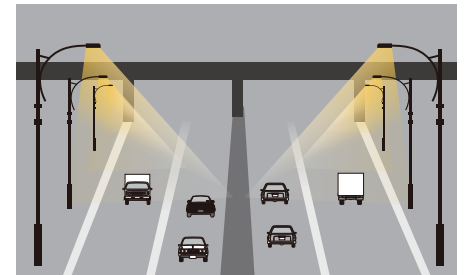
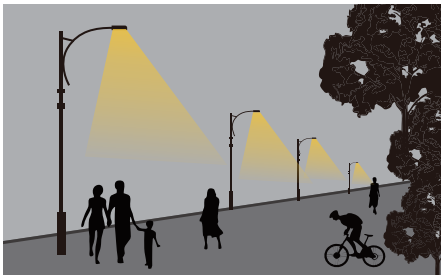
**1** Brand driver



**2** Detachable Driver



## Road types



## Installation Diagram



Wall straight rod installation



Straight cement pole installation



Wall bend installation



Cement pole bent pipe installation

ASC05 Technical Data

|                            |                                |
|----------------------------|--------------------------------|
| LED Chip Brand             | Lumileds   Cree   Epistar plus |
| LED Chip Type              | SMD3030   SMD5050              |
| Luminous Efficacy          | 190LM/W                        |
| Color Rendering Index (RA) | > 70   80   90                 |
| Color Temperature          | 2200K-6500K                    |
| Beam Angle                 | Type I   Type II   Type III    |
| Number Of Lens             | A:6 Pcs   B:9 Pcs   C:12 Pcs   |
| Life Time (LM-80)          | 100000 Hours                   |

Electrical Parameters

|                           |                        |
|---------------------------|------------------------|
| Power A                   | 10W-80W                |
| Power B                   | 90W-120W               |
| Power C                   | 130W-200W              |
| 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   IK09   IK10     |
| SPD                       | 10KV   20KV (Optional) |
| Socket                    | NEMA                   |

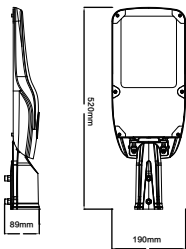
Driver

|              |                                                         |
|--------------|---------------------------------------------------------|
| Brand        | Philips   Inventronics   OEM   Moso   Detachable Driver |
| Power Factor | > 0.95                                                  |
| Performance  | > 90%                                                   |
| IP Grade     | IP20 to IP67                                            |
| THD          | < 12%                                                   |

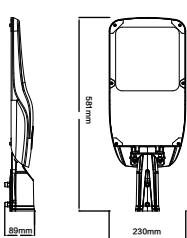
Materials and Properties

|                    |                                                 |
|--------------------|-------------------------------------------------|
| Material Of Shell  | Aluminum (ADC12) + Tempered Glass               |
| 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)        | 520*190*89                                      |
| Size B (mm)        | 581*230*89                                      |
| Size C (mm)        | 612*240*90                                      |

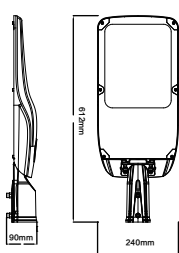
A.Size A



B.Size B



C.Size C

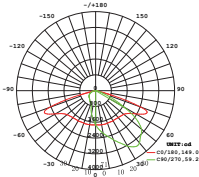


Tested according to

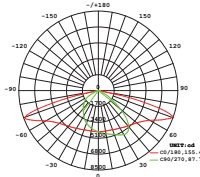
|        |                                                                                                                                                                |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ENEC   | EN 60598-2-3:2003 + A1:2011<br>EN IEC 60598-1:2024 + A11:2024<br>EN IEC 62031:2020+A11:2021<br>EN 62262:2002+A1:2021                                           |
| CB     | IEC 60598-2-3:2002/AMD1:2011<br>IEC 60598-1:2024                                                                                                               |
| CE-LVD | EN 60598-2-3:2003+A1:2011<br>EN IEC 60598-1:2024 + A11:2024<br>EN IEC 62031:2020+A11:2021<br>EN 62262:2002+A1:2021<br>EN 62493:2015+A1:2022                    |
| CE-EMC | EN IEC 55015:2019+A11:2020:<br>EN IEC 61547:2023<br>EN IEC 61000-3-2:2019+ A1: 2021+A2:2024:<br>EN 61000-3-3:2013+A1:2019+A2:2021                              |
| ROHS   | IEC62321-1:2013, IEC62321-3-1:2013<br>IEC62321-4:2013/AMD1:2017<br>IEC62321-5:2013, IEC62321-6:2015<br>IEC62321-7-1:2015, IEC62321-7-2:2017<br>IEC62321-8:2017 |

Typical Photometric Features

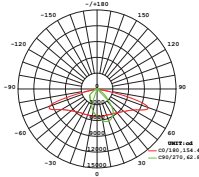
60°145°



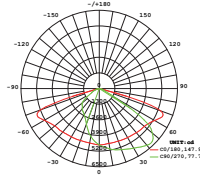
90°155°



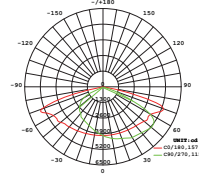
155°65°



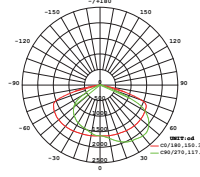
75°150°



115°160°



150°120°



Mounting Height

