



Professional LED Street Light Series

LSL-A series: Available in 50W, 100W, 150W and 200W models

The ENSA™ LSL-A series features all-weather, high efficiency LED street lights, with superior light distribution, colour rendering and vertical illumination when compared to traditional HPS lamps. Available in a variety of models for all road types, parks, squares and more.

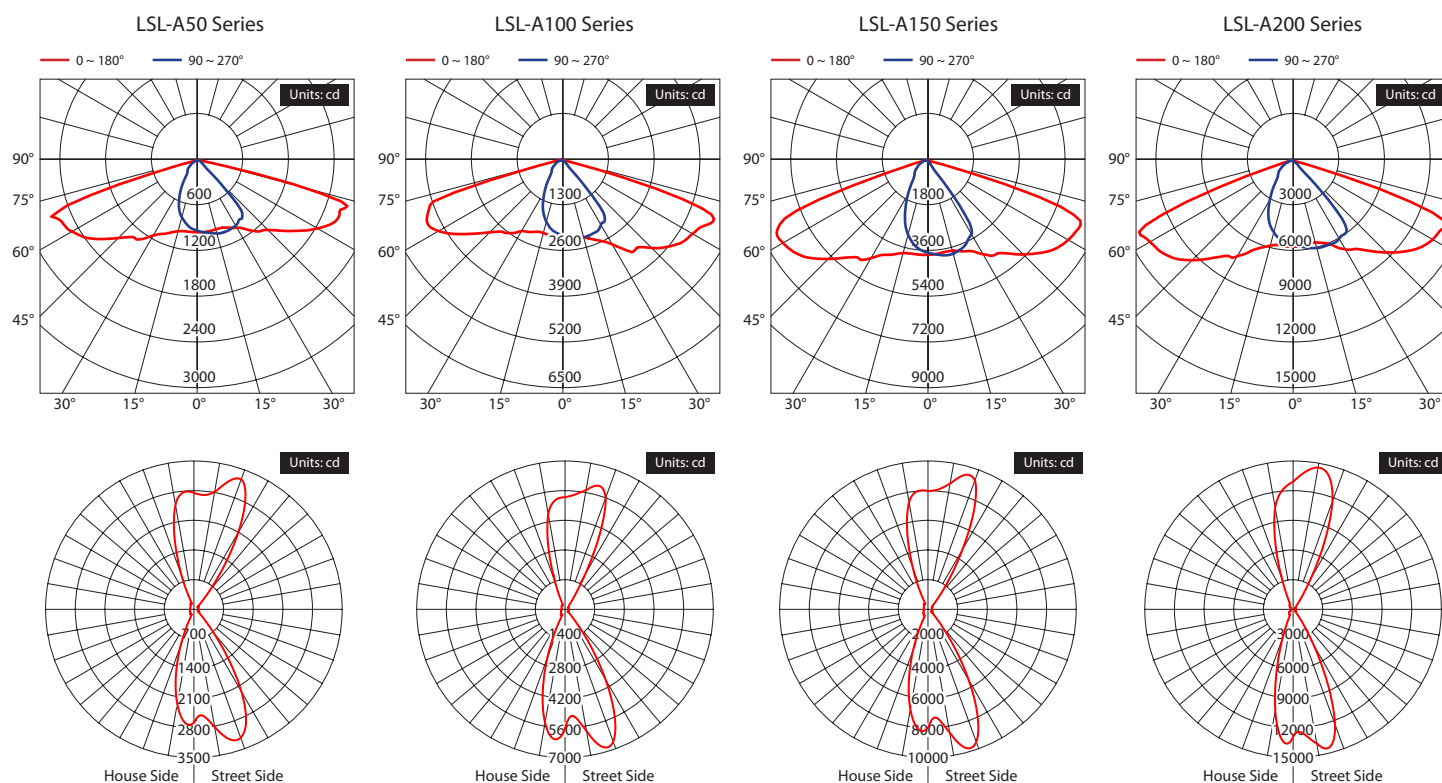
- High efficiency, all-weather, low energy use LED street light
- Effective street light distribution with 140° x 60° beam angle
- Up to 100lm/W performance with Philips Lumileds LEDs
- Superior aluminium thermal management system
- Available in 4500K natural white colour temperature
- IP65 dust and weather resistant for external use



Light Specifications

| | Model | LSL-A50 | LSL-A100 | LSL-A150 | LSL-A200 |
|------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| Optical | Luminous Flux | 5000lm | 10000lm | 15000lm | 20000lm |
| | Luminous Efficacy | 100lm/W | 100lm/W | 100lm/W | 100lm/W |
| | Colour Temperature | 4500K | 4500K | 4500K | 4500K |
| | Colour Rendering Index | > 80 | > 80 | > 80 | > 80 |
| | Beam Angle | 140° x 60° | 140° x 60° | 140° x 60° | 140° x 60° |
| | Light Decay | <3% at 6,000 hours | <3% at 6,000 hours | <3% at 6,000 hours | <3% at 6,000 hours |
| | Rated Lifespan | 50,000 hours | 50,000 hours | 50,000 hours | 50,000 hours |
| Electrical | LED Power Consumption | 50W | 100W | 150W | 200W |
| | Input Voltage | 85-265VAC | 85-265VAC | 85-265VAC | 85-265VAC |
| | Power Factor | > 0.95 | > 0.95 | > 0.95 | > 0.95 |
| | Dimmable | N/A | N/A | N/A | N/A |
| General | Ingress Protection | IP65 | IP65 | IP65 | IP65 |
| | Plug / Socket / Base | No plug | No plug | No plug | No plug |
| | Reflector / Diffuser | N/A | N/A | N/A | N/A |
| | Housing Adjustments | N/A | N/A | N/A | N/A |
| | Operating Environment | -45° ~ 50°C / 10~90%RH | -45° ~ 50°C / 10~90%RH | -45° ~ 50°C / 10~90%RH | -45° ~ 50°C / 10~90%RH |
| | Dimensions | 485 x 330 x 90mm | 590 x 330 x 90mm | 690 x 330 x 90mm | 770 x 330 x 90mm |
| | Equivalent Wattage | 120W HPS | 240W HPS | 360W HPS | 480W HPS |

Light Distribution Diagrams



Ordering Information

| Type | Series | Wattage | Colour Temperature | Other Features |
|---|--------|--|--------------------|--|
| LSL | - | 50 (50W) 100 (100W) 150 (150W) 200 (200W) | - | CW (Cool white) NW (Natural white) WW (Warm white) |
| LSL-A150-NW: 150W LED Street Light in Natural White | | | | |