

LiteMagic

Road & Street



LiteMagic Street

Engineered to Exceed

©ignify

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Meeting every requirement. Surpassing every standard.
 Delivering more than cities expect.

Engineered to Exceed

LiteMagic Street is a complete lighting platform—**engineered to cut costs, boost safety, and transform city streets.**

Its clean, architectural form blends into the skyline by day and commands it by night. Inside, **future-ready architecture delivers exceptional efficacy, smart connectivity, and effortless upkeep.** From bustling highways to quiet neighborhoods, adaptable mounting options make it fit anywhere—and perform everywhere.

Product highlights

Exceeding...

150+lm/W
Glass Cover

Performance

- >150+ lm/W, Glass cover
- 100,000 hrs lifetime

Maintenance

- Toolless
- Adjustable spigots option

Resilience

- Typhoon-proof
- Vibration-tested
- Adaptable architecture



Sustainability

- Circular design
- Human and wildlife sensitive with low CCT options

Smart Control

- Flexible Control – Coded mains, Dali, D4i
- Smart-Ready – NEMA/Zhaga sockets

Exceeding Performance

- Efficacy >150+ lm/W with front glass
- >90% lumen maintenance after 100k hrs burning (ta 50C)
- Professional photometric design



Exceeding Resilience

Proven Quality & Lasting Safety:

- 3G vibration tested at resonance
- Typhoon-resistant up to Category 5 (57 m/s)
- Sulfuration-tested materials protect LED quality for life



Exceeding Maintenance

- Adjustable spigots – Side-entry: $-15^{\circ}+15^{\circ}$, Post-top: $-5^{\circ}+5^{\circ}$ for precise aiming (XS/S/M/ML/L housings); fixed for (XL/XXL housings)
- Tool-free access – Quick gear box opening for faster servicing
- Optional toolless replacements – SPD (10kV / 15kV) and gear tray for minimal downtime



Exceeding Smart Control

- Flexible & Smart-Ready
- Dimming: Coded mains, Dali, D4i
- Optional NEMA & Zhaga sockets (top/bottom)
- ZD4i compliant



Exceeding Sustainability



Light pollution control:

- Sheltered light with zero uplight
- Human and wildlife sensitive with low CCT options (2700K/3000K/4000K)

Application areas



Uniform Expressway



Residential
& connecting roads



Urban roads
& parking lots



Suburban roads
& pathways

Product range



BRP600 XS



BRP600 S



BRP600 M



BRP600 ML



BRP600 L



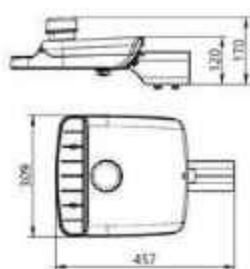
BRP600 XL



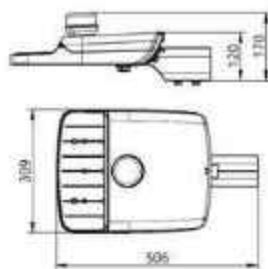
BRP600 XXL

Dimension drawing

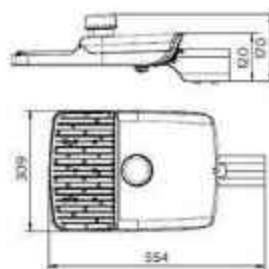
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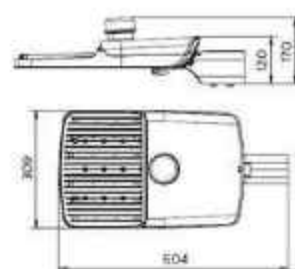
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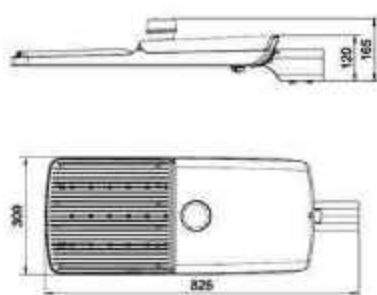
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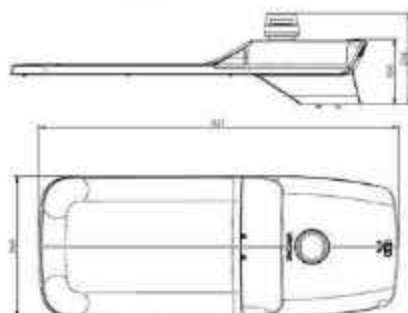
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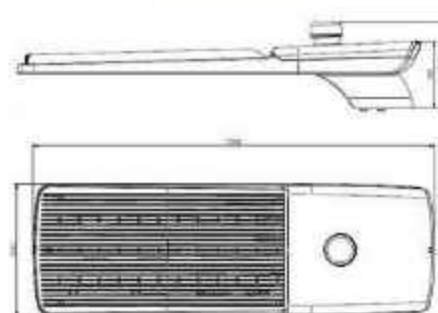
BRP600 L



BRP600 XL



BRP600 XXL



Specification overview

LiteMagic Street BRP600

Flux packages (lm)	Upto 83000 lm
System efficacy (typical@4000K)	150+ lm/W
System wattage	Upto 550W
CCT/color	3000K/4000K
Other CCT options	2700K
CRI (typ.)	70
Lifetime	100K hrs L90 @ ta50C
Target light distribution	DM7M/DWL1/DM12V/DWA/DWB/DMC
Optical cover	Tempered Glass
Surge Protection device (SPD)	Replaceable 10/15kV
Protection class IEC	Class I
Operation temperature	-40°C < Ta < 50°C
IP	IP66
IK	IK09 IK08 for XL & XXL
Mounting	Side entry, Post top (optional): (42-60mm)
Tilt angle	Optional Side entry (±5/10/15D) & Post top (±5D)
Maintenance	Toolless maintenance: Gear box / SPD / Gear tray
Control interface	Coded mains, Dali, D4i
System interface	NEMA/SR option on Top, SR option at Bottom
Approbation	CB / CE / ENEC / ZD4i

Designed for serviceability

Servicetag features a QR-based identification system that gives you instant access to critical information during unpacking, installation, diagnostics, fault reporting and programming. Simply scan the tag with a smartphone or tablet running the Philips Service tag app, and you can access information about the contents of the box and troubleshooting details specific to the luminaire. Service tag also allows you to source spare parts and restore factory settings in the field. It's that simple.



Easy access to relevant information

Improves installation process by providing easy access to product configuration information



Most effective maintenance

Enables more effective maintenance operations by identifying spare parts



Digital maintenance

Allows you to pre-program spare parts to factory settings

Service tag

- Simplifies installation and servicing
- Provides 24/7 access to luminaire and spare parts information
- Allows on-the-spot driver reprogramming



