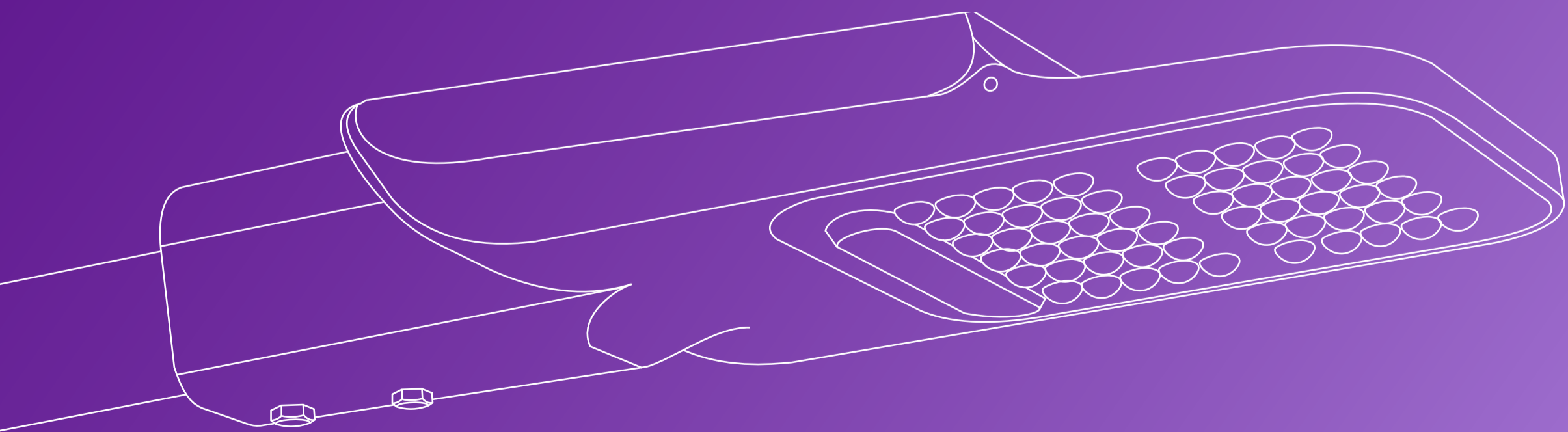


Lite**M**agic

RoadFlair Pro
Streamlined for
brighter streets



Contents



Meet RoadFlair Pro

Municipalities value energy savings more than ever, as energy price hikes put increasing pressure on budgets. Street lighting consumes substantial energy, so large-scale upgrades to energy-efficient LED street lights are essential to cities' cost-saving efforts.

RoadFlair Pro has been upgraded to minimize costs while maximizing efficacy, safety, and functionality. And the best part — RoadFlair Pro offers streamlined design, so it maintains an attractive aesthetic on city streets.

These street lights not only look good, they also offer excellent performance. Future-proof technology combines with high efficacy, innovative design, and smart connectivity in a light that makes your streets look brighter and better.



Product highlights

Appealing and sustainable design

High efficacy



World-class photometric design

Connected and system-ready

Higher durability and reliability

Appealing and sustainable design

- Inspired by streamlined automobile design
- 3D ventilation and cleaning system
- Sustainable design with zero negative environmental impact (during production and product lifetime)

High efficacy

- 160 lm/W (4000 K CCT up to 300 W)
- 195 - 200 lm/W (4000 K CCT up to 100 W)
- Increased energy efficiency reduces carbon footprint





World-class photometric design

- Optimized efficiency and light pattern control
- 20% higher light utility*
- Unique glare ring design
- Durable outdoor lens material for consistent photometric performance

**compared to next best performing competitor*

Connected and system-ready

- NEMA 7-pin socket on top
- SR socket on bottom
- Zhaga-D4i compliant
- Smart and system-ready for energy savings and asset management





Higher durability and reliability

- Product prioritizes safety and quality
- One-piece spigot design for optimal strength
- Efficient, tool-free gearbox opening and SPD maintenance
- Meets strict 3G vibration test standards
- Wind force test to pass category 5 typhoon
- Sulfuration test on all materials secures LED light quality throughout product lifetime
- Components selection and size of the luminaire is optimized around the Sustainable Product Design concept.



Product range

Standard configuration options



BRP699 Small



BRP699 Medium



BRP699 Mid-Large



BRP699 Large



BRP699 X-Large

System-ready configuration options



BRP699 Mid-Large P7



BRP699 Mid-Large P7TSRB



BRP699 Large P7



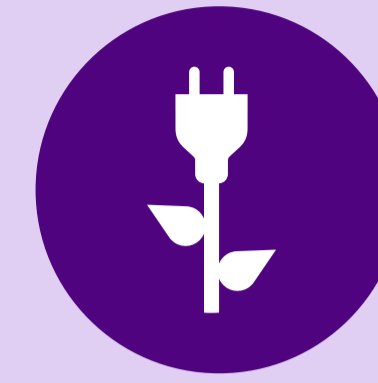
BRP699 X-Large P7



BRP699 X-Large P7TSRB

The street lights your city needs

Key benefits for your city



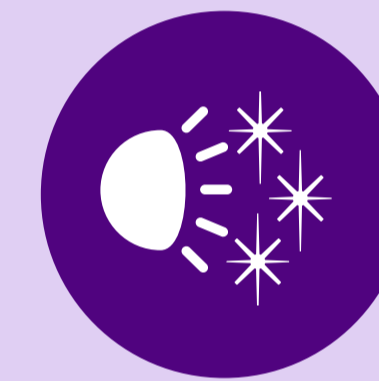
Optimal energy savings

High efficacy for energy savings and sustainability



Easy to service and maintain

Easy access to SPD, driver, and gear compartment. Hassle-free installation



World-class photometric

Optimized efficiency and light pattern control



Reliable

Quality components combined with durable design



Future-proof and connected

Interact Ready. Can be paired with IoT systems and lighting applications

Application areas



Lighting for residential and connecting roads



Lighting for urban roads and parking lots



Uniform expressway lighting



Lighting for suburban roads and pathways

Designed for serviceability

Why Service tag

Service tag 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

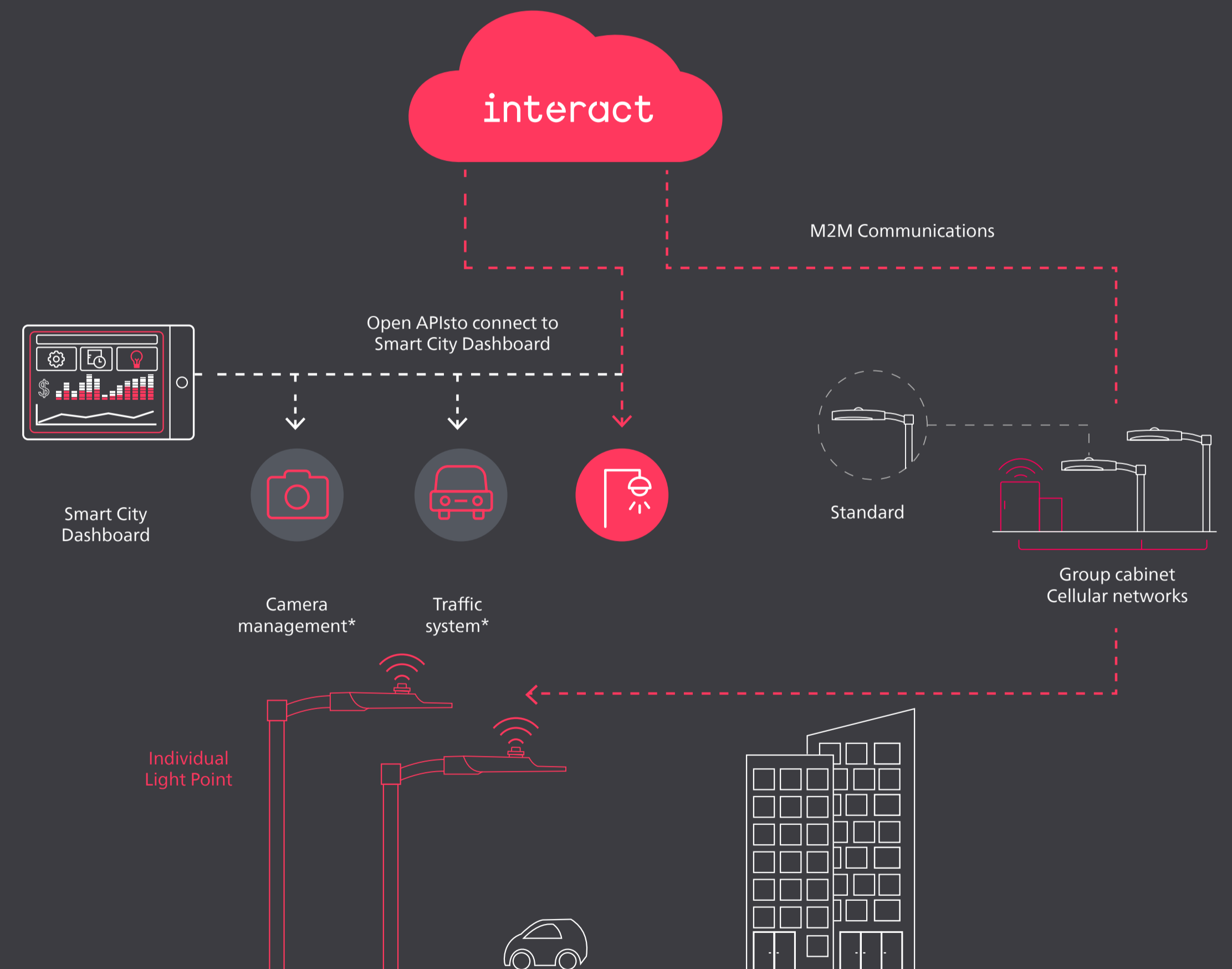




Connect to Interact

Interact turns your street lighting into a connected network capable of hosting sensors and other IoT-enabled devices. It allows you to tap into a wide range of lighting and non-lighting benefits such as scheduling, presence detection, noise monitoring, and incident detection.

RoadFlair Pro is ready to be connected to Interact. Simply twist the Philips outdoor lighting control node in the Zhaga system-ready socket on top.

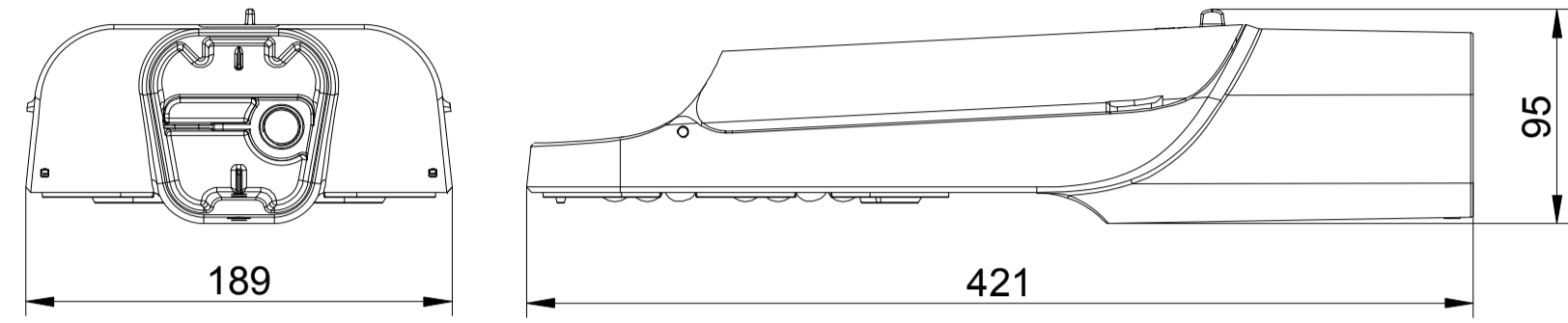


For more information about Interact visit:
www.interact-lighting.com/city

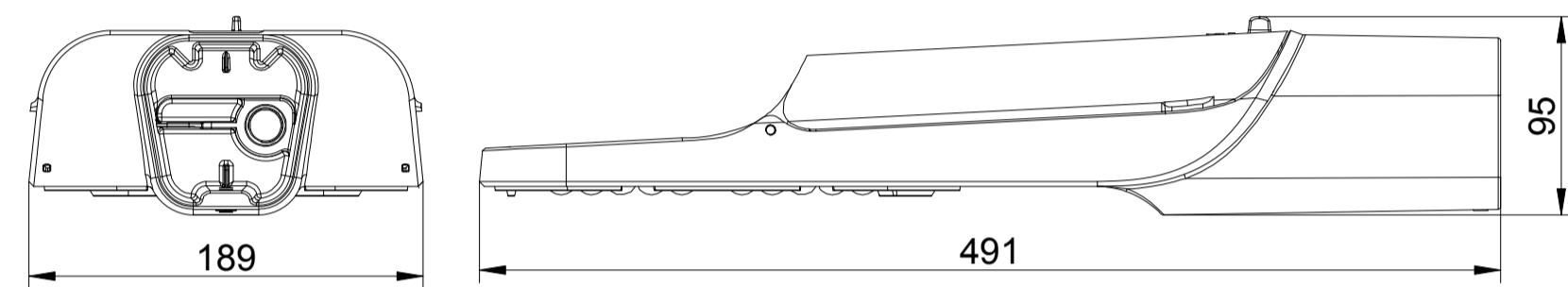
Dimensional drawings

Standard

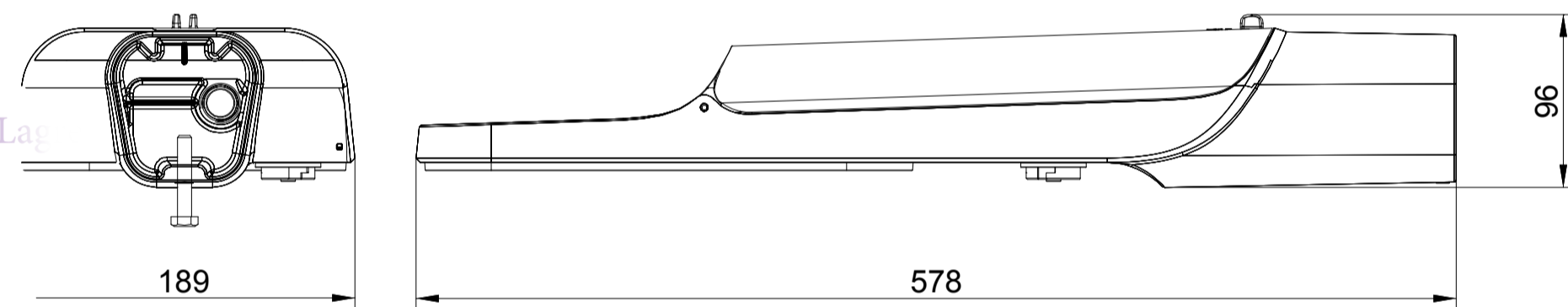
BRP699 Small



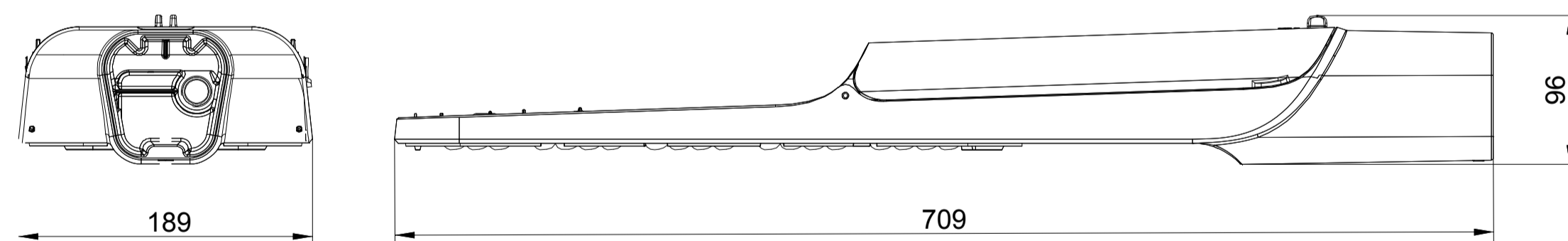
BRP699 Medium



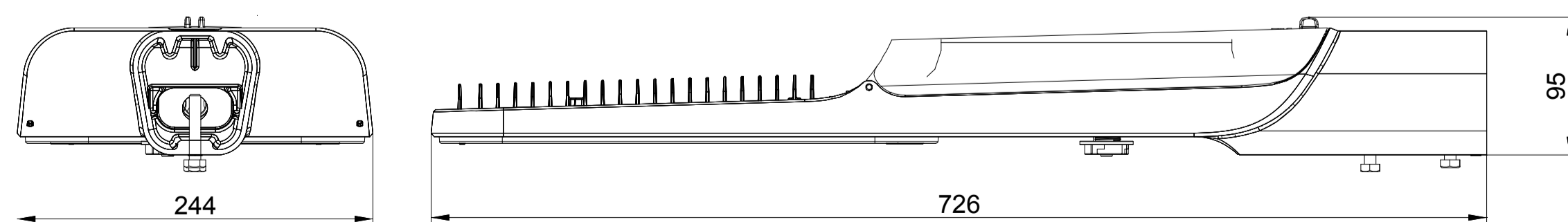
BRP699 - Mid-Large



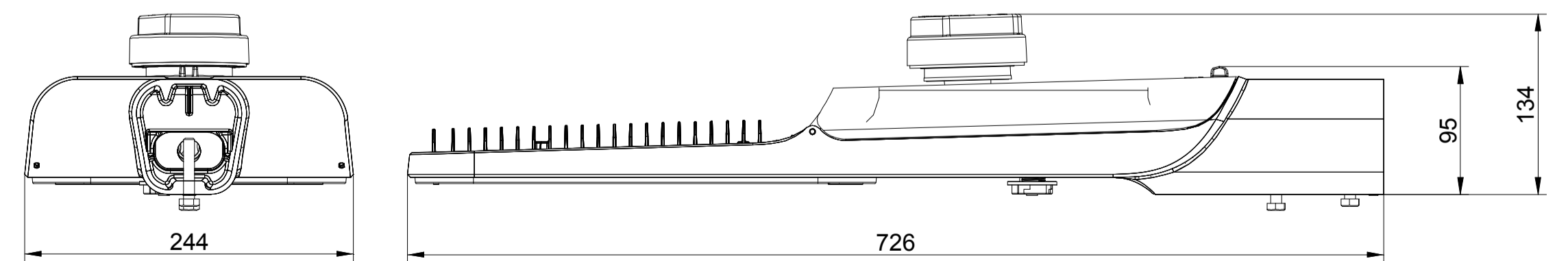
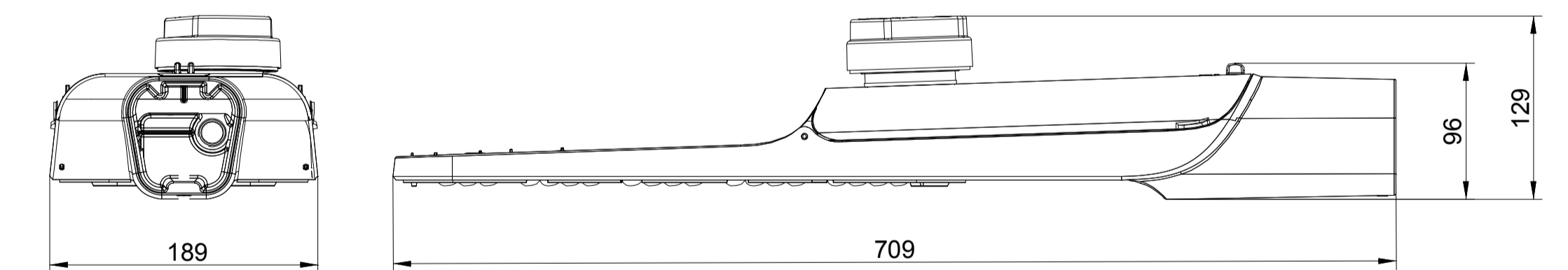
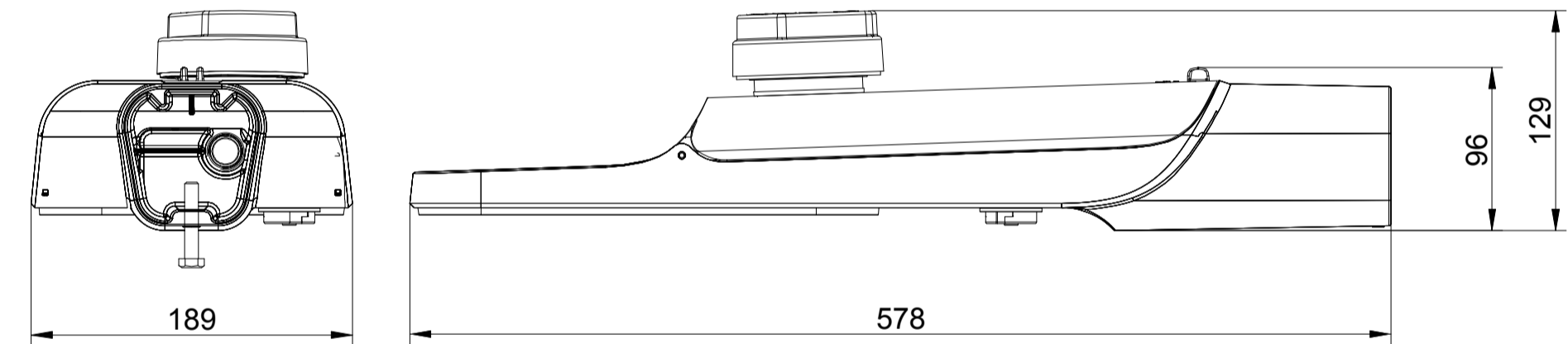
BRP699 Large



BRP699 X-Large



System-ready

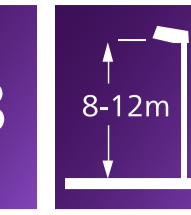


Choice sheet

Specifications

Product family	Product code	Housing	LED	CCT	Insulation	Lighting control	Interface
LiteMagic RoadFlair Pro	BRP699	Small - BRP699 S	5050	Neutral White 4000K	Class I	1-10V	NEMA 7-pin socket
		Medium - BRP699 M		Warm White 3000K		Class II	
		Mid-Large - BRP699 ML		Cool White 5700K		DALI 2.0	
		Large - BRP699 L		2700K, CRI 70		DynaDim	
		X-Large - BRP699 XL		2200K, CRI 70		Coded Mains	
						SR/D4i	

Ordering codes



Description	Flux (lm/w)	Power (W)	Efficacy (lm/W)	Weight (kg)	L*W*H (mm)
BRP699 LED116/NW 70W DM PSA GM S	11600	70	160	≈3.7	423*189*95
BRP699 LED130/NW 80W DM PSA GM S	13000	80		≈3.7	
BRP699 LED143/NW 90W DM PSR GM S	14300	90		≈3.7	
BRP699 LED167/NW 100W DM PSA GM M	16700	100		≈3.8	493*189*95
BRP699 LED195/NW 120W DM PSA GM M	19500	120		≈3.8	
BRP699 LED203/NW 130W DM PSR GM M	20300	130		≈3.8	
BRP699 LED229/NW 140W DM PSA GM ML	22900	140		≈3.9	
BRP699 LED245/NW 150W DM PSR GM ML	24500	150		≈3.9	578*189*96
BRP699 LED301/NW 180W DM PSA GM L	30100	180		≈4.4	
BRP699 LED329/NW 200W DM PSA GM L	32900	200		≈4.4	709*189*96
BRP699 LED356/NW 220W DM PSA GM L	35600	220		≈4.4	
BRP699 LED392/NW 240W DM PSA GM L	39200	240		≈4.4	
BRP699 LED403/NW 250W DM PSA GM XL	40300	250		≈6.8	
BRP699 LED432/NW 260W DM PSA GM XL	43200	260		≈6.8	
BRP699 LED459/NW 280W DM PSA GM XL	45900	280		≈6.8	
BRP699 LED489/NW 300W DM PSR GM XL	48900	300		≈6.8	
BRP5699 LED242/NW 150W DM PSA P7 GM ML	24200	150		≈3.9	578*189*129
BRP699 LED392/NW 240W DM PSA P7 GM L	39200	240		≈4.4	709*189*129
BRP699 LED485/NW 300W DM PSA P7 GM XL	48500	300		≈6.8	726*244*134
BRP699 LED244/NW 150W DM SR P7T SRB GM ML	24400	150		≈3.9	578*189*129
BRP699 LED489/NW 300W DM SR P7T SRB GM XL	48900	300	≈6.8	726*244*134	
BRP699 LED130/NW 65W DW2 PSRD O5 XL	13000	65	200	≈6.8	726*244*95
BRP699 LED195/NW 100W DW2 PSRD O5 XL	19500	100	195	≈6.8	

Note: Luminous flux tolerance +/- 7%; Power consumption tolerance +/- 10%
Other flux packages and system ready options available on request

Specification overview

LiteMagic RoadFlair Pro BRP699	
LED Type	5050
Flux packages (lm)	up to 48900
System wattage	up to 300W
CCT/color	3000K / 4000K
Other CCT options	5700K / 2200K / 2700K
CRI	70 (typ.)
System efficacy (typical@4000K)	160lm/W / 195-200lm/W (up to 100W)
Target light distribution	DM / DM1 / DW2 / DWV / DWP / DWP3
Surge Protection device (SPD)	10kV / 15kV
Protection class IEC	Safety class I or Safety class II
Lifetime	100k hrs L80B50 @35C Outdoor
Operation temperature	- 40°C < Ta < 50°C
IP	IP66
IK	IK08
Mounting	Side entry 42~60mm with optional adjustable spigot
Material	Die-casting Aluminum and PC
Maintenance	Toolless open for Gear Box and toolless maintenance for SPD
Control interface	Analog (1-10V), StepDim, DALI, SR
System interface	NEMA 7-pin socket at top / ZD4i SR socket at bottom
Approbation	CB / CE / CQC / RCM / ZD4i





Signify, previously known as Philips Lighting, is the world leader in connected LED lighting systems, software and services. We proudly market the best lighting brands in the world, including Philips and Interact.

LiteMagic

LiteMagic is a leading brand of outdoor lighting products and smart urban lighting control system solutions from Signify. With a comprehensive product portfolio, strong R&D capabilities and rich experience in large-scale projects, LiteMagic provides quality products and services for municipal administrators, landscape architects, lighting designers and lighting engineers

interact

Interact is a portfolio of IoT-enabled software suites that manage connected lighting systems and the data that those systems collect. Interact software manages, monitors, and controls lighting systems that include connected luminaires, sensors, and other connected devices from Signify and third-party manufacturers.

You and Signify – a reliable partnership

Close cooperation before, during and after projects is important to us. Our loyal service teams are committed to ensuring you receive both competent support and any information you require.

We work closely with local wholesalers to offer you flexible and on-time delivery, with product availability you can rely on to help you stay on top. [Plus the Signify Lighting Academy](#) provides you with a comprehensive range of educational resources for you to grow your expertise and get certified.

[signify.com/specifiers](https://www.signify.com/specifiers)

Brighter lives, better world

Signify has been 100% carbon neutral since September 2020.

We recycle up to 90% of our manufacturing waste.

We use 100% renewable electricity.

Our paper packaging for LED lamps and luminaires is saving over 500,000 kilos of plastic waste per year.

Thank you for choosing LiteMagic products, offered by Signify, and joining us on our mission.