



Streamlined lights for brighter streets

RoadFlair Pro

Municipalities value energy saving more than ever, as energy price hikes put increasing pressure on the budgets. Street lighting consumes substantial energy, so large-scale upgrades to energy-efficient LED streetlights are fundamental 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 a streamlined design, so it maintains an attractive aesthetic on city streets. These streetlights not only look good, they also offer excellent performance. Future-proof technology combines with high efficacy (160 lm/W and 200 lm/W), innovative design, and smart connectivity in a light that makes your street look brighter and better.

Benefits

- High efficacy
- Appealing and sustainable design
- Connected and system-ready
- Higher durability and reliability
- World-class photometric design
- Equipped with a Service tag, a QR-based identification system that makes each luminaire uniquely identifiable and provides maintenance, installation, and spare part information

Features

- 170+ lm/W system efficacy (up to 300W)
- 200 lm/W system efficacy (up to 100W)
- Long service lifetime 100Khrs L80@Ta 35°C
- With 10kV or 15kV Surge protection Device
- Ready to be paired with lighting management systems and sensors

RoadFlair Pro

Application

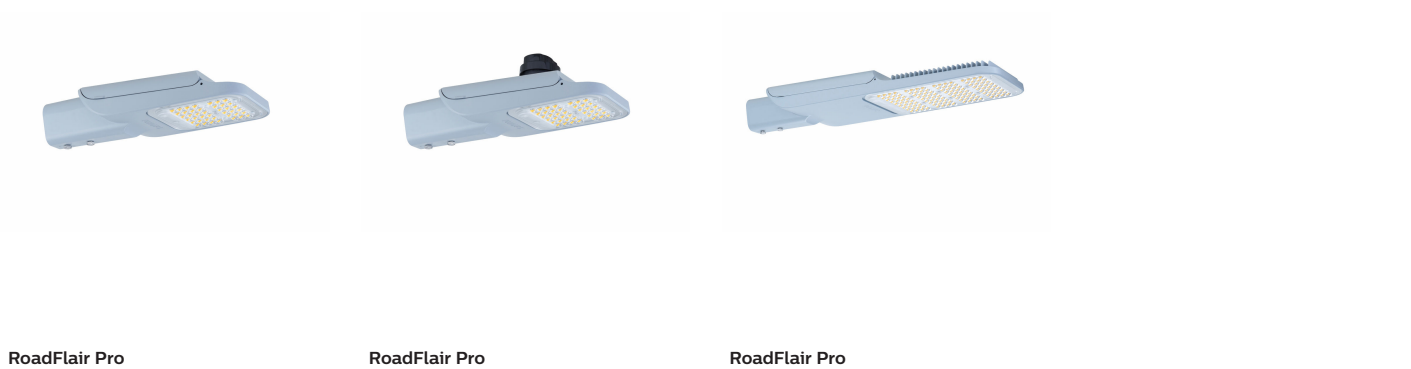
- Motorways, inter-urban main roads, boulevards and avenues, roundabouts, pedestrian crossings
- Residential streets, side streets, squares, parks, cycle and pedestrian paths, playgrounds
- Parking areas, industrial areas, petrol stations, rail yards, airports, harbors, waterways

Specifications

Material	Housing: Die-cast Aluminum
	Optic cover: Polycarbonate
Light Source	5050 LED's
Installation	Side entry 42~60mm optional adjustable spigot
Luminous flux	system flux up to 52500 lumens
Correlated color	5700K
temperature - CCT	4000K
	3000K
	2700K
	2200K
Luminaire efficacy	5700K: 160lm/W
	4000K: 170lm/W
	3000K: 165lm/W
	2700K: 150lm/W
	2200K: 135lm/W
	4000K: 200lm/W (option)

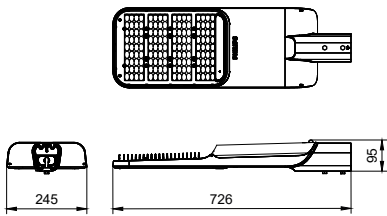
Color Rendering index - 70	
CRI	
Power	up to 300W
Mains Voltage	220-240V / 50-60Hz 120-277 / 60-60Hz available as option.
Control system input	DALI/1-10V/D4i options
Dimming	PSR: 1-10V
	PSD: Dali
	PSC: Coded Mains
	PSA: 1-10V, AOC
	PSRD: 1-10V, Step dimming, AOC
	SR: D4i
Operating Temperature range	
-40 to +50C Ta	
Ingress protection	IP66
Certification	IECEE CB, CE, CQC, RCM, ZD4i

Versions



RoadFlair Pro

Dimensional drawing



General Information	
Driver included	Yes
Service tag	Yes
Light Technical	
Light source color	740 neutral white
Correlated Color Temperature (Nom)	4000 K
Color rendering index (CRI)	>70
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Optical cover type	Clear dome
Housing Color	Grey
Mech. impact protection code	IK08
Ingress protection code	IP66
Approval and Application	
CE mark	Yes

Light Technical

Order Code	Full Product Name	Luminous Flux
911401652208	BRP591 LED116/NW 70W DM PSA GM	11,600 lm
911401656708	BRP591 LED23/NW 15W DWP II PSD P7L8ANZ	2,300 lm
911401656208	BRP593 LED223/NW 138W DWV II PSDP7L15ANZ	22,300 lm
911401659108	BRP593 LED61/NW 35W DWP3 II PSD P7L8ANZ	6,100 lm
911401672008	BRP595 LED195/NW 100W DW2 PSRD O5	19,500 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
911401652208	BRP591 LED116/NW 70W DM PSA GM	70 W

Order Code	Full Product Name	Power Consumption
911401656708	BRP591 LED23/NW 15W DWP II PSD P7L8ANZ	13 W

