

PHILIPS

Professional Lighting

RoadFlair



Sleek and superior
Beyond anticipation

Fit-for-purpose design



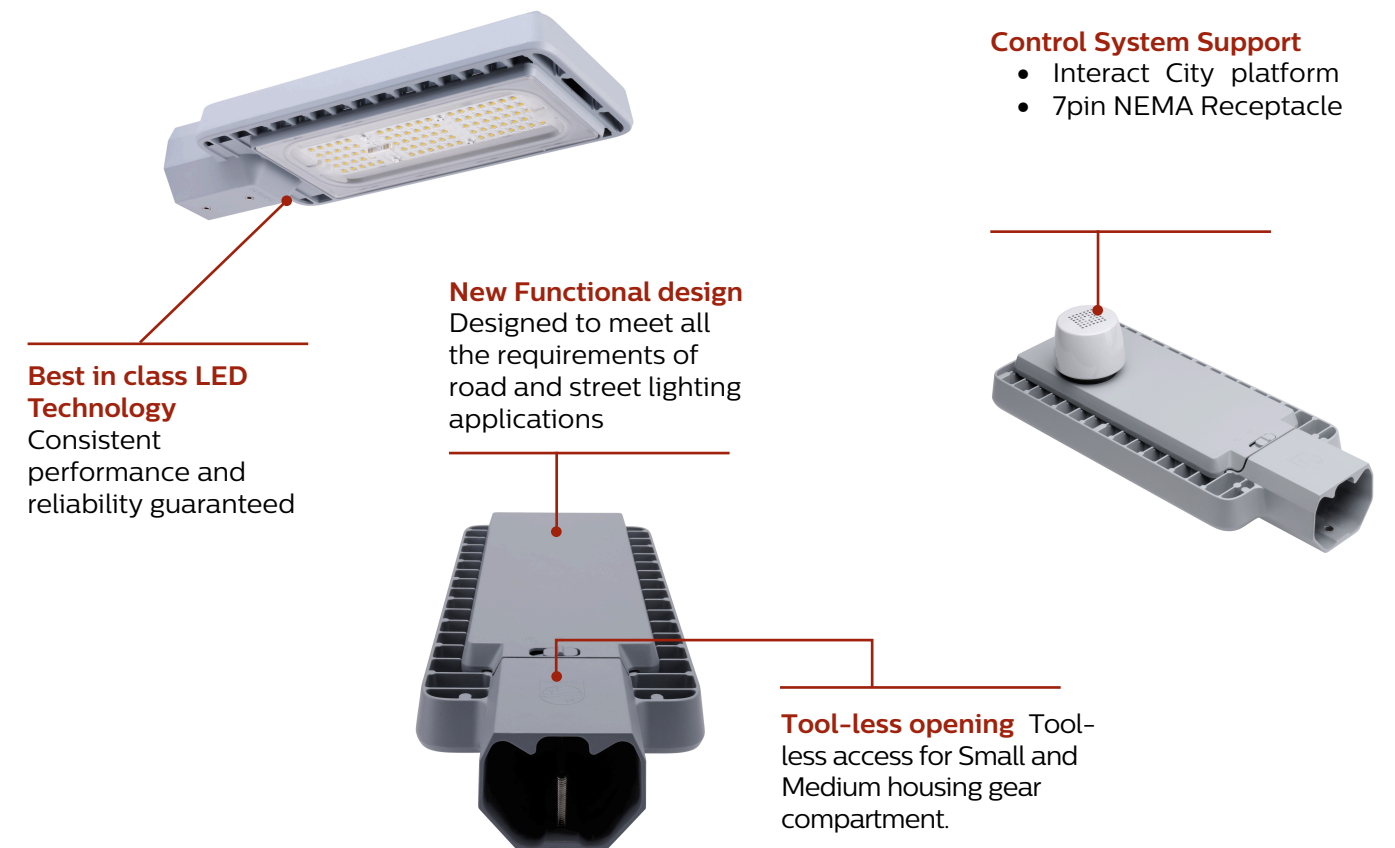
Designed for major and city roads, Philips RoadFlair is a new and exciting product set to brighten your streets beyond imagination. Smartly-designed to bring cities the highest savings possible with best-in-class lumen per watt, this road lighting production comes at a competitive price bound to excite.

Philips RoadFlair brings energy efficiency, improves a city's sustainability drive and delivers significant cost reduction in urban environments. The right road luminaire coupled with the right lighting application will create the best environment for your municipality, benefiting local communities and boosting tourism and businesses.

Application

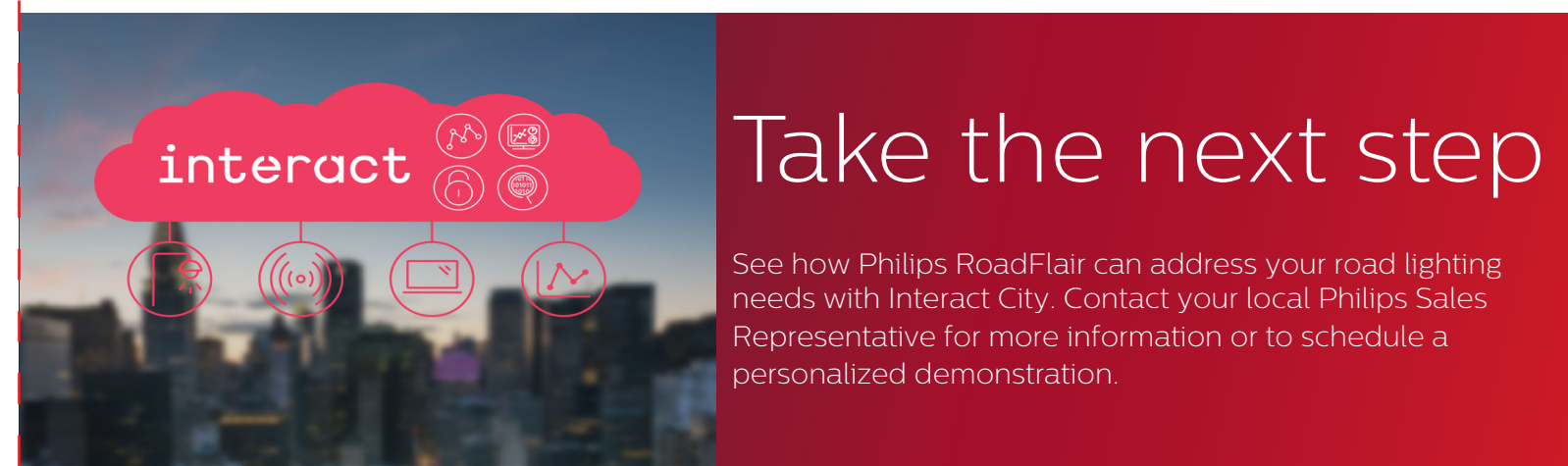
- Roads
- Street
- Highways
- Parking

Tool-less opening, low failure rate



Benefits

- **High lumen efficacy**
140 lumen per watt – much higher than currently available solutions.
- **Unique functional design**
Sleek, light-weight and well-designed luminaire.
- **Control and dimming ready**
Supports CityTouch connect application, 7-Pin Nema socket and standard outdoor dimming protocols.
- **Value for money / most competitive product in its segment** Perfect for renovation, upgrading projects. Best-in-class LED lighting technology at an unmatched, competitive price.



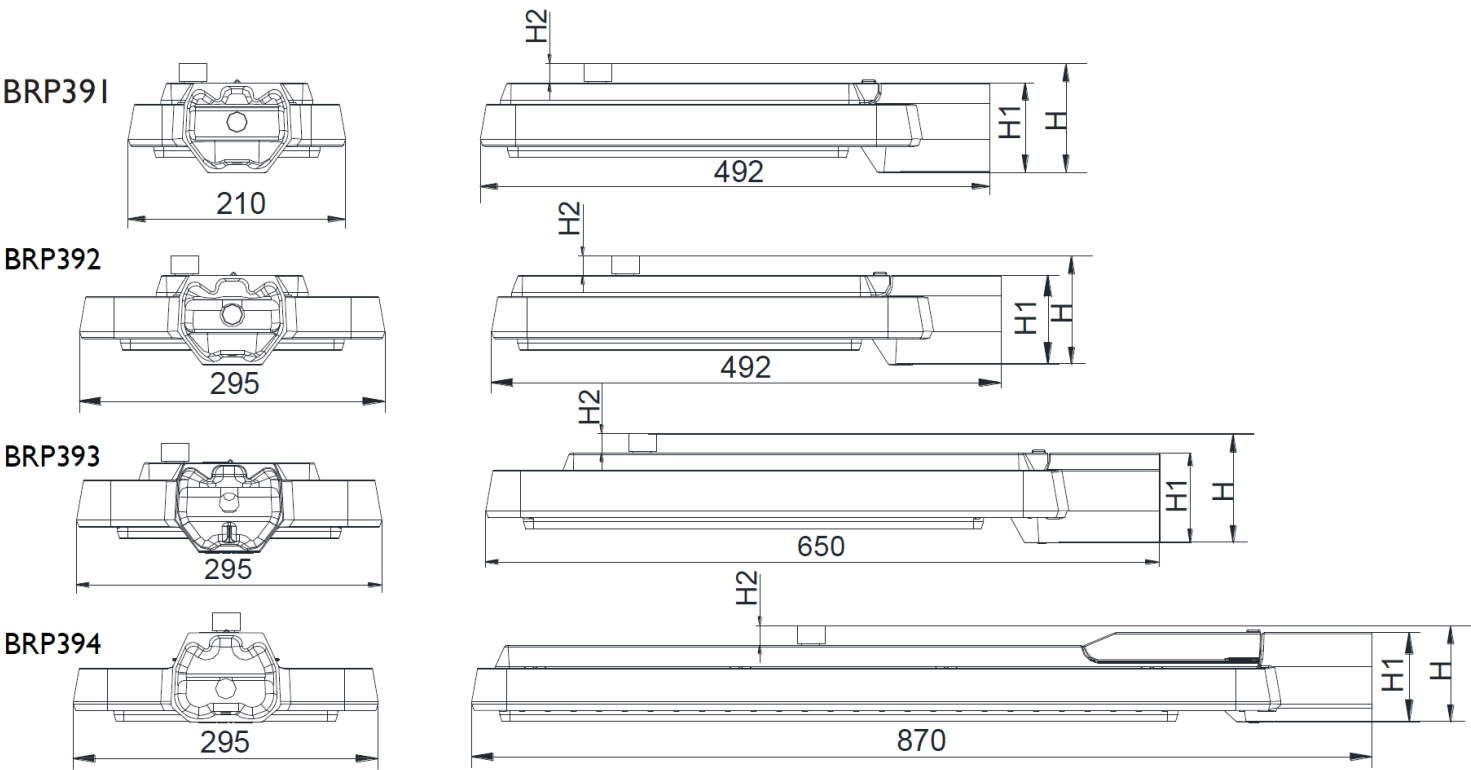
Take the next step

See how Philips RoadFlair can address your road lighting needs with Interact City. Contact your local Philips Sales Representative for more information or to schedule a personalized demonstration.



Dimensional & technical detail

Unit: mm



Type	Weight/kg	H1/mm	Wind force area/m²	Standard version	NEMA socket + LLC		NEMA socket + short cap		SR socket + LLC		SR socket + short cap	
				L×W×H/mm	H2/mm	L×W×H/mm	H2/mm	L×W×H/mm	H2/mm	L×W×H/mm	H2/mm	L×W×H/mm
BRP391	≈5	86	0.1	492×210×86	70	492×210×156	46	492×210×132	33	492×210×119	16	492×210×102
BRP392	≈7	86	0.14	492×295×86	70	492×295×156	46	492×295×132	33	492×295×119	16	492×295×102
BRP393	≈8	86	0.17	651×295×86	70	651×295×156	46	651×295×132	33	651×295×119	16	651×295×102
BRP394	≈10	86	0.25	870×295×86	70	870×295×144	46	870×295×120	33	870×295×107	16	870×295×91

System Power Tolerance ± 10%

Driver Inrush Current (Dimming version)

1 pcs driver	2 pcs driver	Driver Description
108A/140μs	216A/140μs	Xitanium 75W 0.35-0.7A GL Prog sXt
108A/140μs	216A/140μs	Xitanium 150W 0.35-0.7A GL Prog sXt
46A/250μs	92A/250μs	Xi FP 75W 0.2-0.7A SNLDAE 230V S240 sXt
53A/300μs	106A/300μs	Xi FP 150W 0.2-0.7A SNLDAE 230V S240 sXt
46A/250μs	92A/250μs	Xi FP 75W 0.2-0.7A SNLCDAE 230V S240 sX
53A/300μs	106A/300μs	Xi FP 150W 0.2-0.7A SNLCDAE 230V S240 sX
65A/330μs	130A/330μs	Xi SR 75W 0.2-0.7A SNEMP 230V S240 sXt
65A/330μs	130A/330μs	Xi SR 150W 0.2-0.7A SNEMP 230V S240 sXt

Product data

General Characteristics

Type	BRP391/392/393/394
Lifetime	100,000 hours (L70B10 at Ta 35C) 58,000 hours (L90B10 at Ta 35C)
Optics	DWP, DWP3, DWV
Ingress Protection	IP66
Impact Resistance	IK08
SDCM	5

Light Technical Characteristics

Light source	LED
LED driver	Constant current or programmable driver options
System lumen output (lm)	Up to 31,000 lumen
Color rendering index	Minimum 70
Color Temperature	WW-3000K / NW-4000K ± 200K

Electrical Characteristics

Power requirement	220-240V 50/60Hz
Power factor	> 0.95 (nominal power)
Drive current	100mA - 700mA

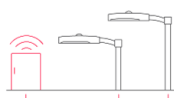
Environmental Characteristics

Installation	Side Entry: ANZ version Ø84-60mm pole
Windage area	BRP391 : 0.1m ² ; BRP392 : 0.14m ² ; BRP393 : 0.17m ² BRP394 : 0.25m ² < 12 m
Mounting height	Optimized for 6 to 14m
Working temperature	- 40°C < Ta < 50°C
Wind force	Up to 60m/s
Relative humidity	Up to 95%RH

System Support

Interact City (CityTouch)

In addition, SR and NEMA receptacle system ready options



Cabinet-based group management



Interact Ready luminaires



Socket-based connector node

Mechanical

Housing Material	High-pressure die-cast aluminum LM6
Gasket material	Heat resistant silicone rubber
Cover	Transparent weather resistant grade polycarbonate
Finishing	Gray Paint RAL7040

Product Information

Dimensions (LxWxH)	BRP391: 492 X 210 X 86 BRP392: 492 X 295 X 86 BRP393: 650 X 295 X 86 BRP394: 870 X 295 X 86
Weight	BRP391: 5kg BRP392: 7kg BRP393: 8kg BRP394: 10kg
Certifications	AS/NZS 60598.1/2-3, TS1158.6,
Classifications	Class I (Class II on request)
Surge protection	15KV/15KA
Control Options	DALI

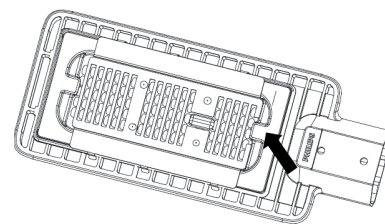
Maintenance	Tool-less opening of gear compartment
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Ordering Codes	BRP391 LED36/WW 25W DWP3 PSD P7 LM6 ANZ BRP391 LED23/WW 16W DWP PSD P7 LM6 ANZ BRP391 LED14/WW 10W DWP PSD P7 LM6 ANZ BRP391 LED65/NW 47W DWV PSD P7 LM6 ANZ BRP391 LED104/NW 74W DWV PSD P7 LM6 ANZ BRP392 LED195/NW 137W DWV PSD P7 LM6 ANZ BRP393 LED310/NW 220W DWV PSD P7 LM6 ANZ
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Glare Control Options

Stainless Steel Glare Shield accessory that can be clipped on without the use of tools. Provides backward control of light spill with a sharp cutoff.

Ordering Codes	BRP391 BL1 BRP392 BL1 BRP393 BL1
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