



RoadFlair

BRP393 LED233/WW 174W 220-240V DM PSR

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.

Product data

General Information	
Light source colour	730 warm white
Light source replaceable	No
Driver included	Yes
Optical cover/lens type	PC-MLO [Polycarbonate micro lens optic]
Control interface	Analog
Connection	Mains outlet socket
Cable	-
Protection class IEC	Safety class I (I)
Flammability mark	F [For mounting on normally flammable surfaces]
CE mark	CE mark
ENEC mark	-
LED engine type	LED
Serviceability class	Class B, the luminaire is equipped with some serviceable parts (when applicable): driver, control units, surge-protection device, front cover and mechanical parts

Light Technical	
Standard tilt angle post-top	-
Standard tilt angle side entry	-
Operating and Electrical	
Input Voltage	220 to 240 V
Input frequency	50 or 60 Hz
Power factor (min.)	0.9
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Housing material	Aluminum die-cast
Optical cover/lens material	Polycarbonate
Mounting device	48/60S [Side-entry for diameter 48-60 mm]
Optical cover/lens shape	Ball, globular
Optical cover/lens finish	Frosted
Overall length	651 mm

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Overall width	295 mm
Overall height	86 mm
Effective projected area	0.17 m ²
Colour	Gray

Approval and Application

Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	23337 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	140 lm/W
Init. Corr. Colour Temperature	3000 K
Init. Colour rendering index	>70
Initial chromaticity	(0.43, 0.40) SDCM < 5
Initial input power	174 W

Power consumption tolerance	+/-10%
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Application Conditions

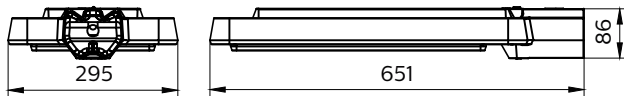
Ambient temperature range	-40 to +50 °C
Maximum dimming level	10%

Product Data

Full product code	911401867798
Order product name	BRP393 LED233/WW 174W 220-240V DM PSR
Order code	01867798
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12 NC)	911401867798
SAP net weight (piece)	7.999 kg



Dimensional drawing



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