

# PHILIPS

# Lighting



## RoadFlair Pro

### BRP591 LED130/NW 80W DM PSA GM

RoadFlair Pro, 13000 lm, 80 W, 740 neutral white, depends on driver (1-10V, DALI...), Safety class I

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. Futureproof 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

#### Product data

General Information		Operating and Electrical	
Driver included	Yes	Input Voltage	220-240 V
Value ladder	Specification	Line Frequency	50 or 60 Hz
CE mark	CE mark	Power Consumption	80 W
		Power Factor (Fraction)	0.95
		Connection	Connection unit 5-pole
		Cable	-
Light Technical		Temperature	
Luminous Flux	13,000 lm	Ambient temperature range	-40 to +50 °C
Correlated Color Temperature (Nom)	4000 K		
Luminous Efficacy (rated) (Nom)	160 lm/W		
Color rendering index (CRI)	>70		
Light source color	740 neutral white		
Optical cover type	Clear dome		
		Controls and Dimming	
		Dimmable	Yes

Initial Performance (IEC Compliant)

Control interface depends on driver (1-10V, DALI...)

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Mechanical and Housing

Housing Material Aluminum die cast  
 Optical cover material Polycarbonate  
 Housing Color Grey  
 Overall length 423 mm  
 Overall width 189 mm  
 Overall height 95 mm  
 Dimensions (Height x Width x Depth) 95 x 189 x 423 mm

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Approval and Application

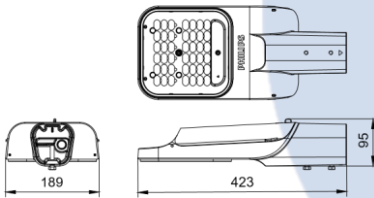
Ingress protection code IP66 [Dust penetration-protected, jet-proof]  
 Mech. impact protection code IK08 [5 J vandal-protected]  
 Protection class IEC Safety class I

www.lighting.philips.com 2023, December 13 - data subject to change

Luminous flux tolerance +/-7%

Power consumption tolerance +/-10%

Dimensional drawing



Product Data

Order product name BRP591 LED130/NW 80W DM PSA GM  
 Full product name BRP591 LED130/NW 80W DM PSA GM  
 Order code 911401652608  
 Material Nr. (12NC) 911401652608  
 Numerator - Quantity Per Pack 1  
 Numerator - Packs per outer box 1

