



# RoadFlair Pro

## BRP591 LED143/NW 90W DM PSR GM

RoadFlair Pro, 14300 lm, 90 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. 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

### Product data

General Information	
Driver included	Yes
Service tag	Yes
Value ladder	Specification
Light Technical	
Luminous Flux	14,300 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	160 lm/W
Color rendering index (CRI)	>70
Light source color	740 neutral white

Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 or 60 Hz
Power Consumption	90 W
Power Factor (Fraction)	0.95
Connection	Connection unit 5-pole
Cable	-
Protection class IEC	Safety class I
Controls and Dimming	
Dimmable	Yes
Control interface	depends on driver (1-10V, DALI...)

# RoadFlair Pro

## 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
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Optical cover type	Clear dome
Net Weight (Piece)	3.350 kg

## Approval and Application

CE mark	Yes
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Ambient temperature range	-40 to +50 °C
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## Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7%
Power consumption tolerance	+/-10%

## Product Data

Order product name	BRP591 LED143/NW 90W DM PSR GM
Full product name	BRP591 LED143/NW 90W DM PSR GM
Order code	911401654008
Material Nr. (12NC)	911401654008
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

