



# 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

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

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

## Versions



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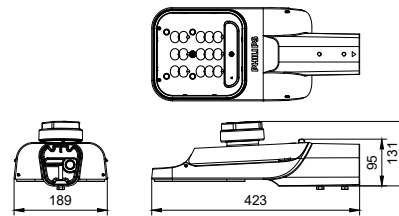
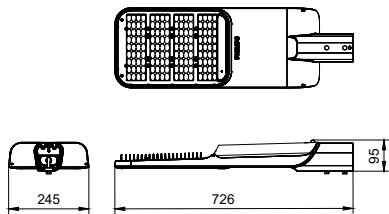
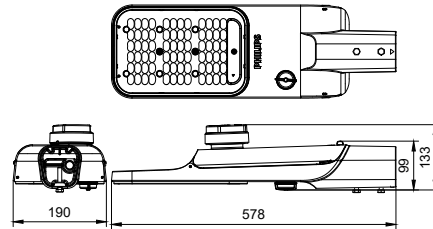
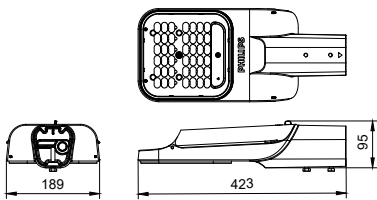
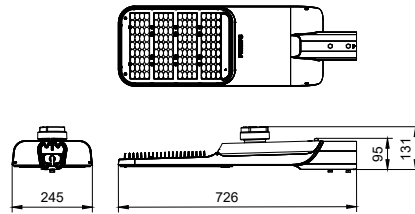
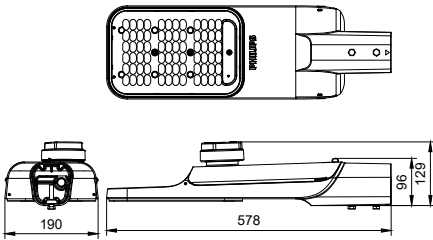
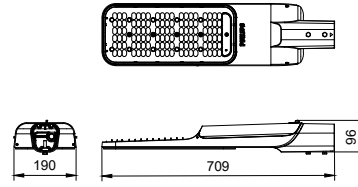
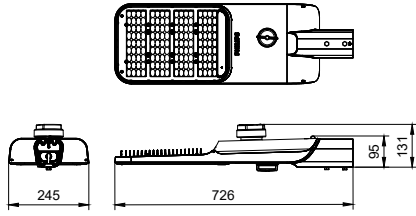
RoadFlair Pro

## Dimensional drawing



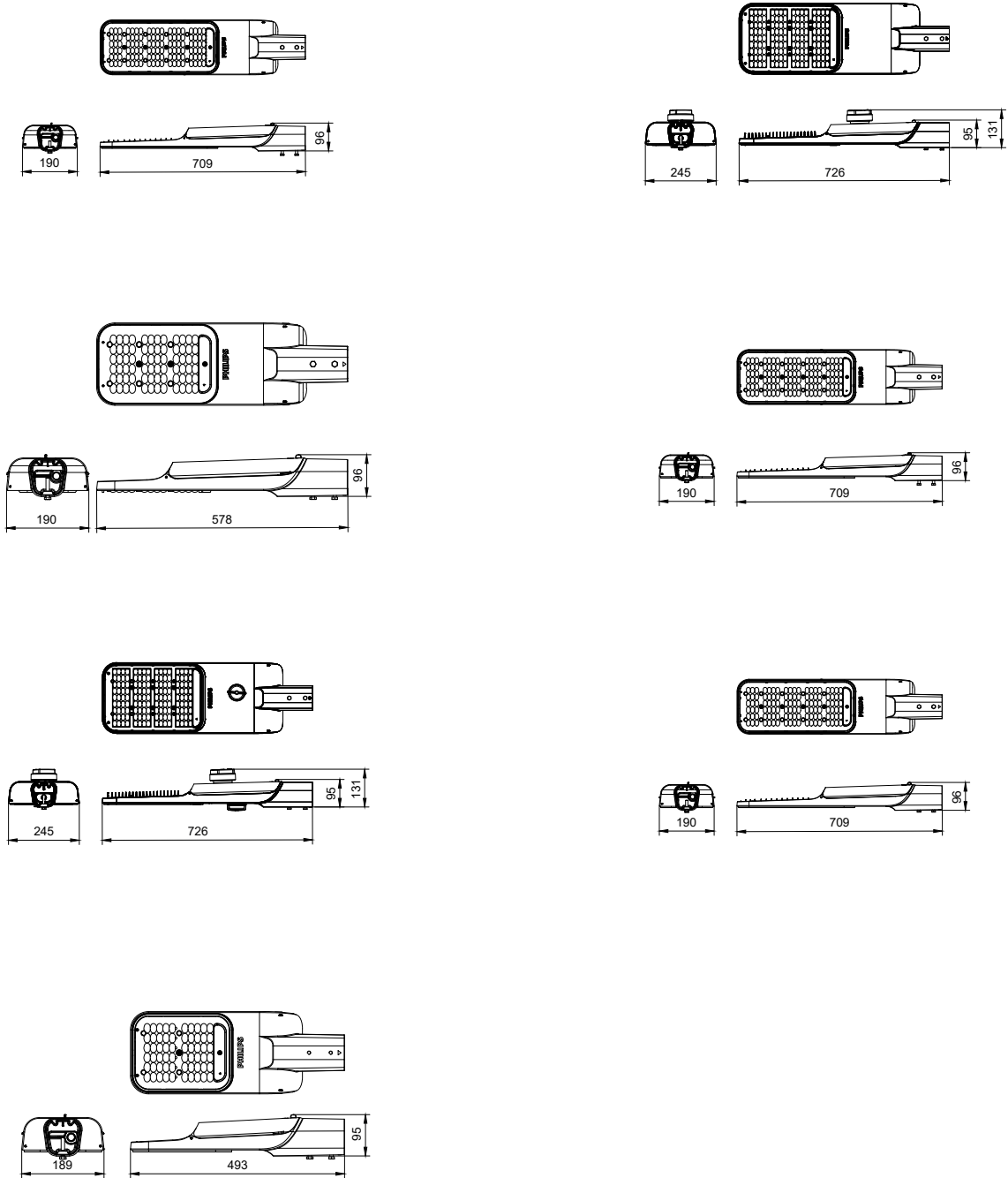
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## Dimensional drawing



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## Dimensional drawing



## General Information

Driver included 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

Mech. impact protection code IK08

Ingress protection code IP66

## Approval and Application

CE mark Yes

## General Information

Order Code	Full Product Name	Service tag
911401652208	BRP591 LED116/NW 70W DM PSA GM	Yes
911401652608	BRP591 LED130/NW 80W DM PSA GM	Yes
911401654008	BRP591 LED143/NW 90W DM PSR GM	Yes
911401658208	BRP593 LED242/NW 150W DM PSA P7 GM	Yes
911401661408	BRP595 LED403/NW 250W DM PSA GM	Yes
911401662108	BRP595 LED432/NW 260W DM PSA GM	Yes
911401662508	BRP595 LED459/NW 280W DM PSA GM	Yes
911401672008	BRP595 LED195/NW 100W DW2 PSRD O5	Yes
911401663808	BRP595 LED485/NW 300W DM PSA P7 GM	Yes
911401672509	BRP593 LED244/NW 150W DM PSRD PE GM	-
911401673409	BRP593 LED240/NW 150W DM PSD PE GM	-
911401674009	BRP593 LED240/NW 150W DM GL PE GM	-
911401673609	BRP595 LED479/NW 300W DM SR 7TSB PE GM	-
911401673209	BRP591 LED142/NW 90W DM PSA P7 PE GM	-
911401672909	BRP594 LED389/NW 240W DM PSA P7 PE GM	-
911401672709	BRP591 LED143/NW 90W DM PSRD PE GM	-
911401673509	BRP591 LED65/NW 40W DM PSD PE GM	-
911401674209	BRP591 LED139/NW 90W DM GL PE GM	-
911401674409	BRP591 LED143/NW 90W DM PSR PE GM	-
911401661708	BRP594 LED392/NW 240W DM PSA P7 GM	Yes
911401673109	BRP592 LED192/NW 120W DM PSA P7 PE GM	-
911401673009	BRP593 LED240/NW 150W DM PSA P7 PE GM	-
911401664108	BRP595 LED489/NW 300W DM SR P7T SRB GM	Yes
911401672809	BRP595 LED479/NW 300W DM PSA P7 PE GM	-
911401672609	BRP592 LED194/NW 120W DM PSRD PE GM	-
911401674109	BRP592 LED163/NW 100W DM GL PE GM	-
911401674309	BRP592 LED203/NW 130W DM PSR PE GM	-
911401672409	BRP594 LED389/NW 240W DM PSRD PE GM	-
911401673909	BRP594 LED358/NW 220W DM GL PE GM	-
911401672309	BRP595 LED487/NW 300W DM PSRD PE GM	-
911401673309	BRP595 LED479/NW 300W DM PSD PE GM	-
911401673809	BRP595 LED479/NW 300W DM GL PE GM	-
911401673709	BRP593 LED240/NW 150W DM SR 7TSB PE GM	-
911401659608	BRP594 LED301/NW 180W DM PSA GM	Yes
911401660008	BRP594 LED329/NW 200W DM PSA GM	Yes
911401660408	BRP594 LED356/NW 220W DM PSA GM	Yes
911401661108	BRP594 LED392/NW 240W DM PSA GM	Yes
911401658808	BRP593 LED244/NW 150W DM SR P7T SRB GM	Yes
911401654608	BRP592 LED167/NW 100W DM PSA GM	Yes
911401655308	BRP592 LED195/NW 120W DM PSA GM	Yes
911401655908	BRP592 LED203/NW 130W DM PSR GM	Yes
911401656608	BRP593 LED229/NW 140W DM PSA GM	Yes
911401658908	BRP593 LED245/NW 150W DM PSR GM	Yes

## Light Technical

Order Code	Full Product Name	Luminous Flux	Order Code	Full Product Name	Luminous Flux
911401652208	BRP591 LED116/NW 70W DM PSA GM	11,600 lm	911401658208	BRP593 LED242/NW 150W DM PSA P7 GM	24,200 lm
911401652608	BRP591 LED130/NW 80W DM PSA GM	13,000 lm	911401661408	BRP595 LED403/NW 250W DM PSA GM	40,300 lm
911401654008	BRP591 LED143/NW 90W DM PSR GM	14,300 lm	911401662108	BRP595 LED432/NW 260W DM PSA GM	43,200 lm

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Order Code	Full Product Name	Luminous Flux
911401662508	BRP595 LED459/NW 280W DM PSA GM	45,900 lm
911401672008	BRP595 LED195/NW 100W DW2 PSRD O5	19,500 lm
911401663808	BRP595 LED485/NW 300W DM PSA P7 GM	48,500 lm
911401672509	BRP593 LED244/NW 150W DM PSRD PE GM	24,400 lm
911401673409	BRP593 LED240/NW 150W DM PSD PE GM	24,000 lm
911401674009	BRP593 LED240/NW 150W DM GL PE GM	24,000 lm
911401673609	BRP595 LED479/NW 300W DM SR 7TSB PE GM	47,900 lm
911401673209	BRP591 LED142/NW 90W DM PSA P7 PE GM	14,200 lm
911401672909	BRP594 LED389/NW 240W DM PSA P7 PE GM	38,900 lm
911401672709	BRP591 LED143/NW 90W DM PSRD PE GM	14,300 lm
911401673509	BRP591 LED65/NW 40W DM PSD PE GM	6,500 lm
911401674209	BRP591 LED139/NW 90W DM GL PE GM	13,900 lm
911401674409	BRP591 LED143/NW 90W DM PSR PE GM	14,300 lm
911401661708	BRP594 LED392/NW 240W DM PSA P7 GM	39,200 lm
911401673109	BRP592 LED192/NW 120W DM PSA P7 PE GM	19,200 lm
911401673009	BRP593 LED240/NW 150W DM PSA P7 PE GM	24,000 lm
911401664108	BRP595 LED489/NW 300W DM SR P7T SRB GM	48,900 lm
911401672809	BRP595 LED479/NW 300W DM PSA P7 PE GM	47,900 lm
911401672609	BRP592 LED194/NW 120W DM PSRD PE GM	19,400 lm

Order Code	Full Product Name	Luminous Flux
911401674109	BRP592 LED163/NW 100W DM GL PE GM	16,300 lm
911401674309	BRP592 LED203/NW 130W DM PSR PE GM	20,300 lm
911401672409	BRP594 LED389/NW 240W DM PSRD PE GM	38,900 lm
911401673909	BRP594 LED358/NW 220W DM GL PE GM	35,800 lm
911401672309	BRP595 LED487/NW 300W DM PSRD PE GM	48,700 lm
911401673309	BRP595 LED479/NW 300W DM PSD PE GM	47,900 lm
911401673809	BRP595 LED479/NW 300W DM GL PE GM	47,900 lm
911401673709	BRP593 LED240/NW 150W DM SR 7TSB PE GM	24,000 lm
911401659608	BRP594 LED301/NW 180W DM PSA GM	30,100 lm
911401660008	BRP594 LED329/NW 200W DM PSA GM	32,900 lm
911401660408	BRP594 LED356/NW 220W DM PSA GM	35,600 lm
911401661108	BRP594 LED392/NW 240W DM PSA GM	39,200 lm
911401658808	BRP593 LED244/NW 150W DM SR P7T SRB GM	24,400 lm
911401654608	BRP592 LED167/NW 100W DM PSA GM	16,700 lm
911401655308	BRP592 LED195/NW 120W DM PSA GM	19,500 lm
911401655908	BRP592 LED203/NW 130W DM PSR GM	20,300 lm
911401656608	BRP593 LED229/NW 140W DM PSA GM	22,900 lm
911401658908	BRP593 LED245/NW 150W DM PSR GM	24,500 lm

## Operating and Electrical

Order Code	Full Product Name	Power Consumption
911401652208	BRP591 LED116/NW 70W DM PSA GM	70 W
911401652608	BRP591 LED130/NW 80W DM PSA GM	80 W
911401654008	BRP591 LED143/NW 90W DM PSR GM	90 W
911401658208	BRP593 LED242/NW 150W DM PSA P7 GM	150 W
911401661408	BRP595 LED403/NW 250W DM PSA GM	250 W
911401662108	BRP595 LED432/NW 260W DM PSA GM	260 W
911401662508	BRP595 LED459/NW 280W DM PSA GM	280 W
911401672008	BRP595 LED195/NW 100W DW2 PSRD O5	100 W
911401663808	BRP595 LED485/NW 300W DM PSA P7 GM	300 W
911401672509	BRP593 LED244/NW 150W DM PSRD PE GM	150 W
911401673409	BRP593 LED240/NW 150W DM PSD PE GM	150 W
911401674009	BRP593 LED240/NW 150W DM GL PE GM	150 W
911401673609	BRP595 LED479/NW 300W DM SR 7TSB PE GM	300 W
911401673209	BRP591 LED142/NW 90W DM PSA P7 PE GM	90 W
911401672909	BRP594 LED389/NW 240W DM PSA P7 PE GM	240 W
911401672709	BRP591 LED143/NW 90W DM PSRD PE GM	90 W
911401673509	BRP591 LED65/NW 40W DM PSD PE GM	40 W
911401674209	BRP591 LED139/NW 90W DM GL PE GM	90 W
911401674409	BRP591 LED143/NW 90W DM PSR PE GM	90 W
911401661708	BRP594 LED392/NW 240W DM PSA P7 GM	240 W
911401673109	BRP592 LED192/NW 120W DM PSA P7 PE GM	120 W
911401673009	BRP593 LED240/NW 150W DM PSA P7 PE GM	150 W

Order Code	Full Product Name	Power Consumption
911401664108	BRP595 LED489/NW 300W DM SR P7T SRB GM	300 W
911401672809	BRP595 LED479/NW 300W DM PSA P7 PE GM	300 W
911401672609	BRP592 LED194/NW 120W DM PSRD PE GM	120 W
911401674109	BRP592 LED163/NW 100W DM GL PE GM	100 W
911401674309	BRP592 LED203/NW 130W DM PSR PE GM	130 W
911401672409	BRP594 LED389/NW 240W DM PSRD PE GM	240 W
911401673909	BRP594 LED358/NW 220W DM GL PE GM	220 W
911401672309	BRP595 LED487/NW 300W DM PSRD PE GM	300 W
911401673309	BRP595 LED479/NW 300W DM PSD PE GM	300 W
911401673809	BRP595 LED479/NW 300W DM GL PE GM	300 W
911401673709	BRP593 LED240/NW 150W DM SR 7TSB PE GM	150 W
911401659608	BRP594 LED301/NW 180W DM PSA GM	180 W
911401660008	BRP594 LED329/NW 200W DM PSA GM	200 W
911401660408	BRP594 LED356/NW 220W DM PSA GM	220 W
911401661108	BRP594 LED392/NW 240W DM PSA GM	240 W
911401658808	BRP593 LED244/NW 150W DM SR P7T SRB GM	150 W
911401654608	BRP592 LED167/NW 100W DM PSA GM	100 W
911401655308	BRP592 LED195/NW 120W DM PSA GM	120 W
911401655908	BRP592 LED203/NW 130W DM PSR GM	130 W
911401656608	BRP593 LED229/NW 140W DM PSA GM	140 W
911401658908	BRP593 LED245/NW 150W DM PSR GM	150 W

## Mechanical and Housing

Order Code	Full Product Name	Housing Color
911401652208	BRP591 LED116/NW 70W DM PSA GM	Grey
911401652608	BRP591 LED130/NW 80W DM PSA GM	Grey

Order Code	Full Product Name	Housing Color
911401654008	BRP591 LED143/NW 90W DM PSR GM	Grey
911401658208	BRP593 LED242/NW 150W DM PSA P7 GM	Grey

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Order Code	Full Product Name	Housing Color
911401661408	BRP595 LED403/NW 250W DM PSA GM	Grey
911401662108	BRP595 LED432/NW 260W DM PSA GM	Grey
911401662508	BRP595 LED459/NW 280W DM PSA GM	Grey
911401672008	BRP595 LED195/NW 100W DW2 PSRD O5	Grey
911401663808	BRP595 LED485/NW 300W DM PSA P7 GM	Grey
911401672509	BRP593 LED244/NW 150W DM PSRD PE GM	Grey
911401673409	BRP593 LED240/NW 150W DM PSD PE GM	Grey
911401674009	BRP593 LED240/NW 150W DM GL PE GM	Grey
911401673609	BRP595 LED479/NW 300W DM SR 7TSB PE GM	Grey
911401673209	BRP591 LED142/NW 90W DM PSA P7 PE GM	Grey
911401672909	BRP594 LED389/NW 240W DM PSA P7 PE GM	Grey
911401672709	BRP591 LED143/NW 90W DM PSRD PE GM	Grey
911401673509	BRP591 LED65/NW 40W DM PSD PE GM	Grey
911401674209	BRP591 LED139/NW 90W DM GL PE GM	Grey
911401674409	BRP591 LED143/NW 90W DM PSR PE GM	Grey
911401661708	BRP594 LED392/NW 240W DM PSA P7 GM	Grey
911401673109	BRP592 LED192/NW 120W DM PSA P7 PE GM	Grey
911401673009	BRP593 LED240/NW 150W DM PSA P7 PE GM	Grey
911401664108	BRP595 LED489/NW 300W DM SR P7T SRB GM	Grey
911401672809	BRP595 LED479/NW 300W DM PSA P7 PE GM	Grey

Order Code	Full Product Name	Housing Color
911401672609	BRP592 LED194/NW 120W DM PSRD PE GM	Grey
911401674109	BRP592 LED163/NW 100W DM GL PE GM	Grey
911401674309	BRP592 LED203/NW 130W DM PSR PE GM	Grey
911401672409	BRP594 LED389/NW 240W DM PSRD PE GM	Grey
911401673909	BRP594 LED358/NW 220W DM GL PE GM	Grey
911401672309	BRP595 LED487/NW 300W DM PSRD PE GM	Grey
911401673309	BRP595 LED479/NW 300W DM PSD PE GM	Grey
911401673809	BRP595 LED479/NW 300W DM GL PE GM	Grey
911401673709	BRP593 LED240/NW 150W DM SR 7TSB PE GM	Grey
911401659608	BRP594 LED301/NW 180W DM PSA GM	Grey
911401660008	BRP594 LED329/NW 200W DM PSA GM	Grey
911401660408	BRP594 LED356/NW 220W DM PSA GM	Grey
911401661108	BRP594 LED392/NW 240W DM PSA GM	Grey
911401658808	BRP593 LED244/NW 150W DM SR P7T SRB GM	Grey
911401654608	BRP592 LED167/NW 100W DM PSA GM	Grey
911401655308	BRP592 LED195/NW 120W DM PSA GM	Grey
911401655908	BRP592 LED203/NW 130W DM PSR GM	Grey
911401656608	BRP593 LED229/NW 140W DM PSA GM	Grey
911401658908	BRP593 LED245/NW 150W DM PSR GM	Grey

