



## LED Roadlight

- Up to 60% energy saving compared to HID roadlights
- Extra energy saving via DALI dimming
- Advanced optical design optimized for road lighting
- Flexible and adjustable pole connector for both side entry and pole top mounting
- Robust die-cast aluminium body
- IP66 and coastline proof



Roadlight standard without pole adapter.

## Specifications

Item Code	Item Description	Equivalent to (W)	Power (W)	Lumen	Efficacy (lm/W)	CCT (K)	Lifespan (L80B50)	Weight (kg/pc)
543014005800	LEDRoadlight-90W-4000-DALI	HID 150W	90	11250	125	4000	70,000 h	9.00
543014005700	LEDRoadlight-120W-4000-DALI	HID 150W	120	15000	125	4000	70,000 h	9.20
543014005600	LEDRoadlight-150W-4000-DALI	HID 250W	150	18750	125	4000	70,000 h	9.20
543014005500	LEDRoadlight-200W-4000-DALI	HID 250W	200	24000	120	4000	50,000 h	9.40

## Accessories



543098007000  
Pole Adapter-Roadlight-60mm

76mm adapter available from end 2018.

### Technical Specifications

On-/Off-cycles	100,000
Colour consistency (SDCM)	6
Dimmable	Yes (DALI)
Beam angle	150 ° x 70 °
Maximum tilt angle	15 °
Finishing	Grey
Colour rendering index CRI	≥ 80
Degree of protection (IP)	IP66
Impact strength	IK08
Protection class	I
Control gear included	Yes
Glow wire test	850 °C
Driver failure rate (at 5,000 hrs)	0.5 %
Power factor	≥ 0.90
Surge protection	10 kV

### Electrical Supply

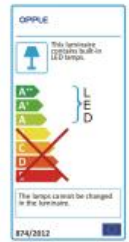
Frequency	50/60 Hz
Nominal voltage	220-240 V AC
DC input voltage	Yes, see Appendix 2

### Mechanical Properties

Material housing	Aluminium
Optical material	Polycarbonate
Compatible pole Ø	48-60 mm
Effective wind area	1478 cm <sup>2</sup>

### Ambient Conditions

Operating temperature	-30 ~ 50 °C
Application temperature	25 °C
Storage environment	-30 ~ 65 °C



## Dimensional Drawing (mm)

