

Libra Road Lantern

Data sheet

Key technical attributes include:

- Wattage: 40, 50, 65, & 80 Watt
- 5500 to 11,000 Lumens
- Up to 157 Lumens/Watt
- Die cast aluminium body
- 3 optics available
- Warranty 5 Years



Product name	Libra	Libra	Libra	Libra	Libra	Libra
Advance Part code	RL1001-1	RL1001-2	RL1001-3	RL1002-1	RL1002-2	RL1002-3
Description	Road lantern, pedestrian/road optic. 40 Watt, 4000K, 5500 lumens, 60mm entry, IP66, IK09, grey.	Road lantern, wide beam car park optic. 40 Watt, 4000K, 5500 lumens, 60mm entry, IP66, IK09, grey.	Road lantern, wide beam forward throw car park optic. 40 Watt, 4000K, 5500 lumens, 60mm entry, IP66, IK09, grey.	Road lantern, pedestrian/road optic. 50 Watt, 4000K, 8000 lumens, 60mm entry, IP66, IK09, grey.	Road lantern, wide beam car park optic. 50 Watt, 4000K, 8000 lumens, 60mm entry, IP66, IK09, grey.	Road lantern, wide beam forward throw car park optic. 50 Watt, 4000K, 8000 lumens, 60mm entry, IP66, IK09, grey.
Nominal Voltage (V)	230	230	230	230	230	230
Power (W)	38.7	38.7	38.7	50.5	50.5	50.5
Lumen output	5501	5628	5501	7745	7923	7745
Lumens/Watt	142.1	145.4	142.1	153.4	156.9	153.4
Life expectancy	100,000 hours L90B10	100,000 hours L90B10	100,000 hours L90B10	100,000 hours L90B10	100,000 hours L90B10	100,000 hours L90B10
Colour temperature	4000K	4000K	4000K	4000K	4000K	4000K
CRI	70	70	70	70	70	70
Power factor	>0.9	>0.9	>0.9	>0.9	>0.9	>0.9
Running Current (A)	0.17	0.17	0.17	0.22	0.22	0.22
Inrush current	5 Amps for 50µs	5 Amps for 50µs	5 Amps for 50µs	5 Amps for 50µs	5 Amps for 50µs	5 Amps for 50µs
Insulation Class	1	1	1	1	1	1
IP rating	IP66	IP66	IP66	IP66	IP66	IP66
IK rating	IK09	IK09	IK09	IK09	IK09	IK09
Qty type C 10 amp breaker	20	20	20	15	15	15
Operating temperature	-25 to +40°C	-25 to +40°C	-25 to +40°C	-25 to +40°C	-25 to +40°C	-25 to +40°C
Supplier warranty (Years)	5	5	5	5	5	5
Gross weight (Kg)	4.2	4.2	4.2	4.2	4.2	4.2
Nett weight (Kg)	3.8	3.8	3.8	3.8	3.8	3.8
Wind area (m²)	0.0118	0.0118	0.0118	0.0118	0.0118	0.0118

Product name	Libra	Libra	Libra	Libra	Libra	Libra
Advance Part code	RL1003-1	RL1003-2	RL1003-3	RL1004-1	RL1004-2	RL1004-3
Description	Road lantern, pedestrian/road optic. 65 Watt, 4000K, 10,000 lumens, 60mm entry, IP66, IK09, grey.	Road lantern, wide beam car park optic. 65 Watt, 4000K, 10,000 lumens, 60mm entry, IP66, IK09, grey.	Road lantern, wide beam forward throw car park optic. 65 Watt, 4000K, 10,000 lumens, 60mm entry, IP66, IK09, grey.	Road lantern, pedestrian/road optic. 80 Watt, 4000K, 11,000 lumens, 60 mm entry, IP66, IK09, grey.	Road lantern, wide beam car park optic. 80 Watt, 4000K, 11,000 lumens, 60 mm entry, IP66, IK09, grey.	Road lantern, wide beam car park optic. 80 Watt, 4000K, 11,000 lumens, 60mm entry, IP66, IK09, grey.
Nominal Voltage (V)	230	230	230	230	230	230
Power (W)	65.1	65.1	65.1	78.3	78.3	78.3
Lumen output	9669	9891	9669	11002	11255	11002
Lumens/Watt	148.5	151.9	148.5	140.5	143.7	140.5
Life expectancy	100,000 hours L90B10	100,000 hours L90B10	100,000 hours L90B10	100,000 hours L90B10	100,000 hours L90B10	100,000 hours L90B10
Colour temperature	4000K	4000K	4000K	4000K	4000K	4000K
CRI	70	70	70	70	70	70
Power factor	>0.9	>0.9	>0.9	>0.9	>0.9	>0.9
Running Current (A)	0.28	0.28	0.28	0.34	0.34	0.34
Inrush current	5 Amps for 50µs	5 Amps for 50µs	5 Amps for 50µs	42 amps for 240µs	42 amps for 240µs	42 amps for 240µs
Insulation Class	1	1	1	1	1	1
IP rating	IP66	IP66	IP66	IP66	IP66	IP66
IK rating	IK09	IK09	IK09	IK09	IK09	IK09
Qty type C 10 amp breaker	12	12	12	10	10	10
Operating temperature	-25 to +40°C	-25 to +40°C	-25 to +40°C	-40 to +40°C	-40 to +40°C	-40 to +40°C
Supplier warranty (Years)	5	5	5	5	5	5
Gross weight (Kg)	4.2	4.2	4.2	4.2	4.2	4.2
Nett weight (Kg)	3.8	3.8	3.8	3.8	3.8	3.8
Wind area (m²)	0.0118	0.0118	0.0118	0.0118	0.0118	0.0118