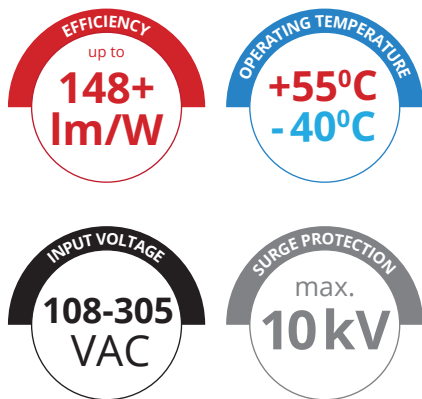


## ROADMASTER L



RAL 7037



### Specifications

- IP66 protection
- Aluminium injection body
- Engineered to operate in harsh and hot conditions
- Over **60.000** hours life according to LM80 and TM21 standard
- Up to **148+** lm/W efficiency
- **108-305VAC** input voltage range against voltage fluctuation
- **10kV** surge protection
- **-40°C / +55°C** operating temperature
- Aluminum PCB (2,0 W/mK)
- SMD PCB connector
- Special silicone gasket
- Brass cable gland and brass ventilation valve
- Photometric solutions for different road applications
- Measurements according to EN 60598-1 standards
- Photometric measurements according to IESNA-LM-79-08

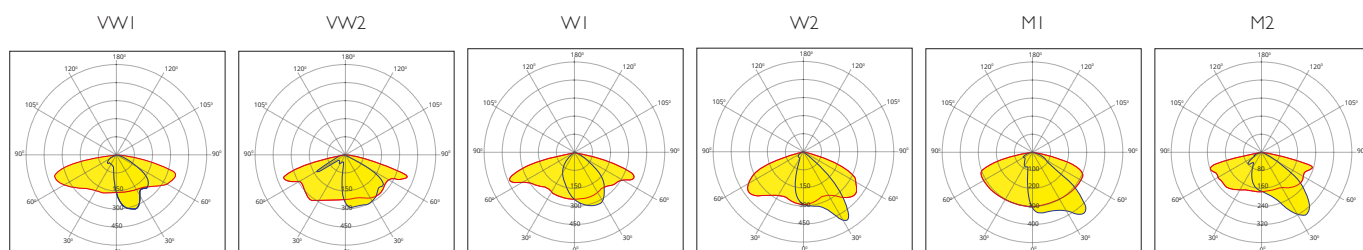
### Application Areas

- ME1 - ME2 - ME3 Class Road Lighting
- Park & Garden

### Optional

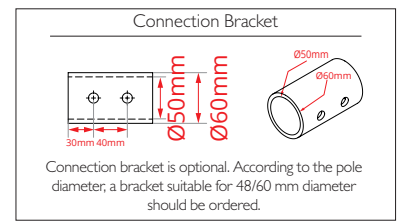
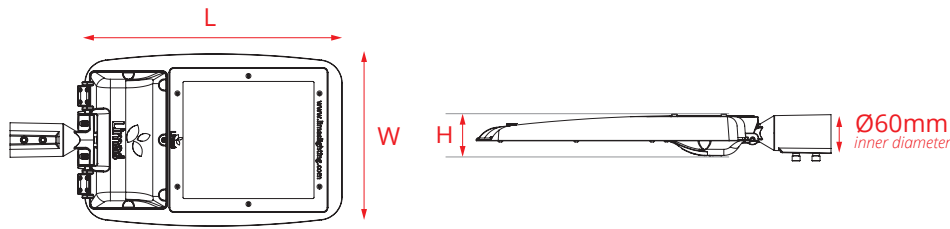
- Marine protective coating
- 5 and 7 pins NEMA socket options
- Toolless access to the driver compartment
- Power cut if the power unit cover is opened
- Sensor, dimming, wireless communication features
- I-10V, DALI automation integration

### Beam Angles

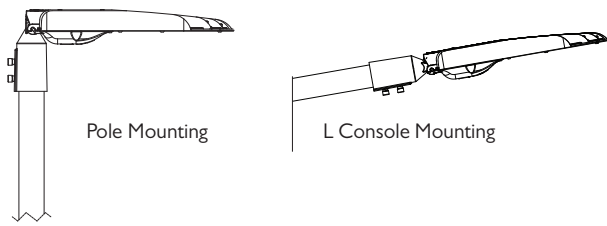


www.smartsystemsuk.com

**Dimensions**



**Mounting Options**



**Product Photos**



**Lumen Multiplier Table**

CRI	3000K	4000K	5000K	6500K
70	0,95	1,00	1,00	0,97
80	0,88	0,95	0,95	0,93
90	0,75	0,80	0,80	0,80

Power and lumen values are within ± 5% tolerance.

**Roadmaster L**

	W	lm	lm/W	LED	▲	K	AC	CRI	IP	L (mm)	W (mm)	H (mm)	gr.	
MP*	LM82	82	12160	148	NICHIA / LUMILEDS SEOUL	M1	4000	108-305VAC	>70	IP66	567	206	85	10180
	LM94	94	13940	148	NICHIA / LUMILEDS SEOUL	M1	4000	108-305VAC	>70	IP66	567	206	85	10180
	LM120	120	17764	148	NICHIA / LUMILEDS SEOUL	M1	4000	108-305VAC	>70	IP66	567	206	85	10180
	HM122	122	16503	135	NICHIA / LUMILEDS SEOUL	M1	4000	108-305VAC	>70	IP66	567	206	85	10180
	LM130	130	19278	148	NICHIA / LUMILEDS SEOUL	M1	4000	108-305VAC	>70	IP66	567	206	85	10180
	HM143	143	19307	135	NICHIA / LUMILEDS SEOUL	M1	4000	108-305VAC	>70	IP66	567	206	85	10180
	HM181	181	23940	132	NICHIA / LUMILEDS SEOUL	M1	4000	108-305VAC	>70	IP66	567	206	85	10180
	LM182	182	26949	148	NICHIA / LUMILEDS SEOUL	M1	4000	108-305VAC	>70	IP66	567	206	85	10180
	LM190	190	27564	145	NICHIA / LUMILEDS SEOUL	M1	4000	108-305VAC	>70	IP66	567	206	85	10180
HP*	L5 H101	101	14547	144	NICHIA / SAMSUNG LUMILEDS / SEOUL	M1	4000	108-305VAC	>70	IP66	567	206	85	10180
	L5 H115	115	16563	144	NICHIA / SAMSUNG LUMILEDS / SEOUL	M1	4000	108-305VAC	>70	IP66	567	206	85	10180
	L7 H117	117	15798	135	NICHIA / SAMSUNG LUMILEDS / SEOUL	M1	4000	108-305VAC	>70	IP66	567	206	85	10180
	L5 H133	133	19156	144	NICHIA / SAMSUNG LUMILEDS / SEOUL	M1	4000	108-305VAC	>70	IP66	567	206	85	10180
	L7 H135	135	18261	135	NICHIA / SAMSUNG LUMILEDS / SEOUL	M1	4000	108-305VAC	>70	IP66	567	206	85	10180
	L7 H154	154	20794	135	NICHIA / SAMSUNG LUMILEDS / SEOUL	M1	4000	108-305VAC	>70	IP66	567	206	85	10180
	L7 H179	179	23633	132	NICHIA / SAMSUNG LUMILEDS / SEOUL	M1	4000	108-305VAC	>70	IP66	567	206	85	10180

\* HP: High Power LED Series  
\* MP: Mid Power LED Series

Power and lumen values are within ± 5% tolerance.