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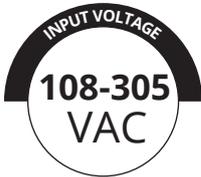
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Road & Street Lighting Fixtures

ROADMASTER M



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 **147+ 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

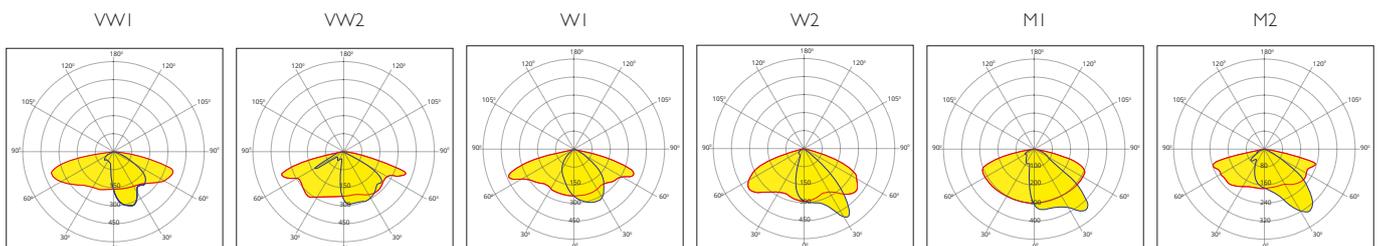
Application Areas

- ME2 - ME3 Class Road Lighting
- Park & Garden

Optional

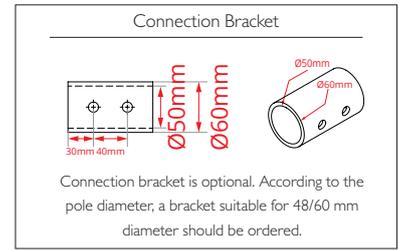
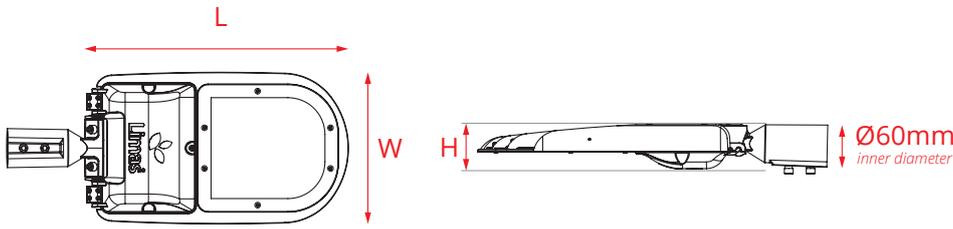
- Marine protective coating
- 5 and 7 pins NEMA socket options
- Toolless access to the driver compartment
- Power cut if the power unit cover is opened
- Sensor, dimming, wireless communication features
- I-10V, DALI automation integration

Beam Angles

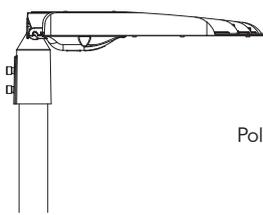




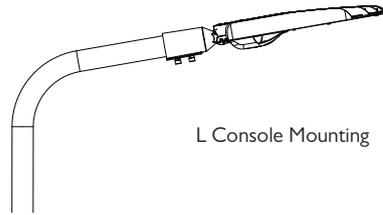
Dimensions



Mounting Options



Pole Mounting



L Console Mounting

Product Photos



Roadmaster M

	W	lm	lm/W	LED	▲	K	AC	CRI	IP	L (mm)	W (mm)	H (mm)	👤📦	
MP*	AL-LM64	64	9410	147	NICHIA / LUMILEDS SEOUL	M1	4000	108-305VAC	>70	IP66	492	206	83	7700
	AL-LM82	82	12066	147	NICHIA / LUMILEDS SEOUL	M1	4000	108-305VAC	>70	IP66	492	206	83	7700
	AL-HM84	84	11343	135	NICHIA / LUMILEDS SEOUL	M1	4000	108-305VAC	>70	IP66	492	206	83	7700
	AL-HM99	99	13405	135	NICHIA / LUMILEDS SEOUL	M1	4000	108-305VAC	>70	IP66	492	206	83	7700
	AL-MM100	100	14303	143	NICHIA / LUMILEDS SEOUL	M1	4000	108-305VAC	>70	IP66	492	206	83	7700
	AL-HM123	123	16638	135	NICHIA / LUMILEDS SEOUL	M1	4000	108-305VAC	>70	IP66	492	206	83	7700
HP*	AL-M7 H76	76	10281	135	NICHIA / SAMSUNG LUMILEDS	M1	4000	108-305VAC	>70	IP66	492	206	83	7700
	AL-M7 H88	88	11882	135	NICHIA / SAMSUNG LUMILEDS	M1	4000	108-305VAC	>70	IP66	492	206	83	7700
	AL-M4 H115	115	17029	148	LUMILEDS	M1	4000	108-305VAC	>70	IP66	492	206	83	7700
	AL-M5 H135	135	19315	143	LUMILEDS	M1	4000	108-305VAC	>70	IP66	492	206	83	7700
	AL-M6 H147	147	20378	139	LUMILEDS	M1	4000	108-305VAC	>70	IP66	492	206	83	7700

Power and lumen values are within ± 5% tolerance.

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

* High Power LED Series

* Mid Power LED Series