



Elegant. Modern. Efficient.

MOON

Advanced Level: Control. Monitoring.
Innovation.

TECHNICAL SHEET

MODEL

TOP

TECHNICAL SPECIFICATION

GENERAL INFORMATION		MOON - TOP
Power range		7W - 90W
Lifetime		L90B10 @ 100,000 hours
Warranty		5 years

OPTICS	
Source type	LED Module
Number of LEDs	24 / 48 pcs
LED colour temperature (CCT)	1800K, 2200K, 2700K, 3000K, 4000K, 5700K $\pm 10\%$
Colour rendering index (CRI)	CRI >70; CRI >80 ⁽¹⁾
Luminous flux (min-max)	1,029 lm – 15,300 lm ⁽¹⁾
Luminaire efficacy (min-max)	147 lm/W – 170 lm/W ⁽¹⁾

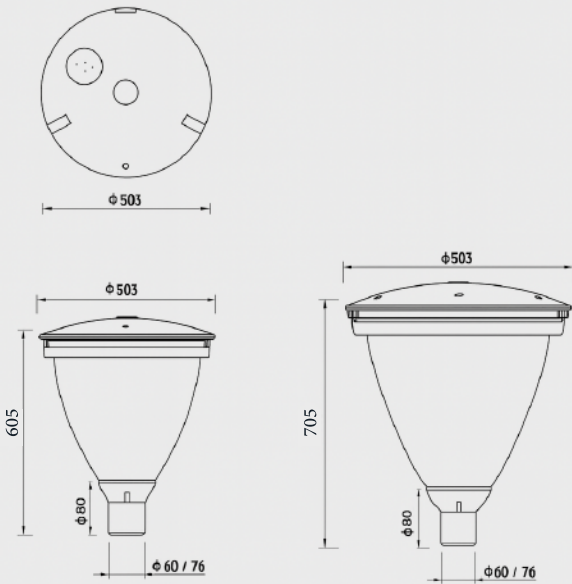
ELECTRICAL CHARACTERISTICS	
Rated power	7W–90W $\pm 1\%$
Nominal voltage	220–240 Vac (50/60 Hz)
Power factor	≥ 0.9
Operating temperature (Ta)	–40°C ÷ +55°C
Electrical class	Class I / Class II (EU)
Surge protection options	10kV / 20kV
CLO function / Lifetime warning	YES

COMPLIANCE	
CE Mark	YES
ENEC / ENEC+ Mark	YES
RoHS Compliant	YES
WEEE Compliant	YES
Standards compliance	EN IEC 60598-1:2021/A11:2022; EN 60598-2-3:2003/A1:2011; EN 62262:2002/A1:2021; LM80; EPRS 003:2025-04 (EN IEC 62722-2-1:2023); EPRS 002:2025-04 (EN IEC 62722-1:2022)
EMC compliance	SR EN 55015; SR EN 61000-3-2; SR EN 61000-3-3; SR EN 61547
Vibration resistance	CT: SR EN 60598-1; MV: SR EN 60068-2-6:2008
Wind action on structures	ISO 4354:2009

DIMMING & CONTROL	
Dimming interface	0–10V / DALI2–D4i
Custom dimming profile	YES
Connectivity options	Nema (optional), Zhaga (optional), Nema & Zhaga (optional)

UNIQUE SELLING POINTS	
RGB Ambient Lighting	Optional integrated RGB ambient module, controllable via telemanagement.
Exceptional Efficiency	High-performance LED system ensuring minimal energy consumption.

⁽¹⁾ All photometric data in this datasheet — luminous flux and luminaire efficacy — refer to 4000 K / CRI 70 configurations at $t_a 25^\circ\text{C}$. Photometric data for other colour temperatures on request; CRI 80 is certified at 3000 K only.

HOUSING AND MECHANICAL PARTS	
Housing	Die-cast aluminium
Recommended mounting height	4m – 12m
Dimensions	503×705 mm / 503×605 mm
	
Weight	max. 10 kg
Diffuser	Polycarbonate
Lenses	PMMA / PC
Ingress protection	IP66
Impact resistance	IK10
Future Proof	LED module easily replaceable
Maintenance access	Tool-less access to equipment compartment
Installation	Suitable for Ø 32 / 48 / 60 / 76 mm pole spigot

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