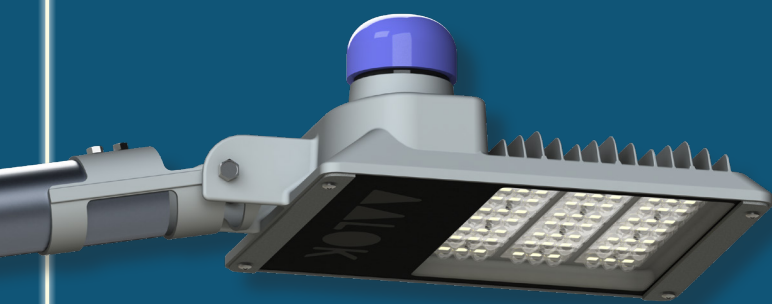


MDK Viária

THE RIGHT LUMINAIRE FOR ROADWAY APPLICATIONS

DESIGNED TO EFFICIENTLY ILLUMINATE URBAN ROADS, HIGHWAYS, AND SQUARES, WHILE WITHSTANDING HARSH WEATHER CONDITIONS.

FEATURES



150 W

03 Modules with 24 leds

23.380 Effective lumens

QUALITY

Ensures a lifespan of up to 102,000 hours
5-year warranty.

DEDICATED LENSES, LIGHT EMISSION WITHOUT WASTE

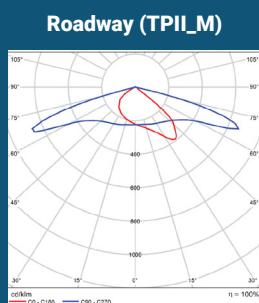
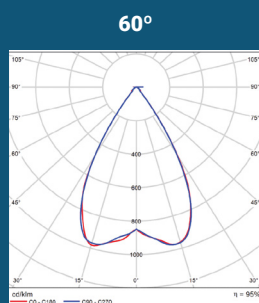
Additional and individual photometric system for each LED, ensuring the right luminance in the right place.

POWER RATINGS: 37 W, 50 W(L), 50 W(H), 75 W, 100 W, 150 W

SEGMENTS

Public lighting, road transportation, residential condominiums, farms, parking lots, and industrial yards.

PHOTOMETRY



TECHNICAL SPECIFICATIONS



100 W
02 Modules with 24 leds
15.780 Effective lumens



50 W (L)
01 Modules with 24 leds
7.830 Effective lumens

Model / Power	37 W		50 W (L)		50 W (H)		75 W		100 W		150 W	
Color Temperature (K)	2.700	4.000	2.700	4.000	2.700	4.000	2.700	4.000	2.700	4.000	2.700	4.000
Total Luminous Flux (lm)	6.130	6.477	8.716	9.375	9.411	10.213	12.991	14.080	17.421	18.894	25.814	27.993
Effective Luminous Flux (lm)	5.120	5.410	7.280	7.830	7.860	8.530	10.850	11.760	14.550	15.780	21.560	23.380
Luminous Efficacy (lm/W)	137	149	136	147	154	167	140	152	140	152	140	152
LEDs per Module	18 Leds		24 Leds		18 Leds		18 Leds		24 Leds		24 Leds	
Number of Modules	1		1		2		2		2		3	
Weight	2,2 kg		2,7 kg		3,2kg		3,2kg		3,6kg		4,2kg	
Dimensions (cm)	38 x 20 x 8,2		38 x 27 x 8,2		43,2 x 27 x 8,2		43,2 x 27 x 8,2		43,2 x 27 x 8,2		48,4 x 27 x 8,2	
Beam Angle	60° / Roadway (TPLII_M)											
Ambient Temperature	-5 °C to 50 °C											

Electrical Characteristics

Effective Power	37 W	50 W	51 W	77 W	104 W	154 W
Input Current (mA)	160-390	100-260	210-530	320-790	430 a 1.060	640-1.580
Total Harmonic Distortion (THD)	<15%					
Mains Frequency	50/60Hz					
Input Voltage	100 - 240 Vac					
Power Factor	>95%					
LED Type	5050					
Leakage Current	<0,7 mA					
Surge Protection	I=10A Uc = 275VAC-350VDC In = 5kA @8/20µs Imax = 10kA @8/20µs					

Quality

Lifetime	102,000 hours of continuous operation
Warranty	5 years
Ingress Protection Rating	IP66
Housing	Die-cast aluminum

Certifications

Driver	ENEC, CE, CB, RCM, SAA, CCC
LED	IESNA LM-80
Company	ISO9001

Notice: Product information and specifications are subject to change without prior notice, due to technical improvements and updates.

Version: 08/2025



RUA OLAVO MACHADO 120
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