AOK®

Quality, Honesty, Service and Innovation

INM -SERIES

LED ROADWAY LIGHTING
HIGH MAST LUMINAIRE

UP TO **2000W MHL REPLACEMENT**

- POWER: 230W, 315W, 460W, 580W, 720W

EXPERTS WITH PROFESSIONAL SOLUTION

WWW.AOKLEDLIGHT.COM

AOK LED EXPERT
SAVE YOUR ENERGY IN BOTH WAYS

Over 10 years experiences in designing and manufacturing outdoor, commerical and industrial LED light , AOK provides multi-range of products to customers with professional solution. More than 4000 M² manufacturing center produces high-grade LED lights, which meets ISO9001:2008 and ISO14001 standard, issued by UKAS. Quality, honesty, service and innovation, our core values are making best business experience to clients around the world.

FEATURE OF 「IN」 PRODUCT

- PC lens arrangement adopts matrix full light cutting design. By adding a concave light retaining wall, excess light can be removed and the effect of receiving & blocking can be achieved. The design scheme can meet users' requirements for light seeing range to a greater extent.

- PC lens: 30 °, 60 °, 90 ° rich light distribution types, its photosynthetic efficiency can be as high as 160 lm/W, higher photosynthetic efficiency, more energy efficient. At the same time it alternatively use a single large glass lens, 45 °, 60 °, 90 °, T2 or T3, above-angles of lens to meet customer and market demand.

- The overall streamline of the lamp body is beautiful, generous and decent. The back adopts fin type heat dissipation structure, with better heat dissipation effect. Edge sinking design and convection vents, optimize air convection quality, strengthen heat dissipation, fully ensure the life of the lamp.

- Multiple methods of installation and power supply placement to meet different requirements. External or internal power supply.

- Induction mounting hole is reserved. Offer customers more functional options and more convenient for upgrading in the future.

- IP66 protection grade, waterproof structure design + high resistance wire silicone waterproof ring design, double protection, safer. Better protection of the lamp IP performance.

- Super bracket design, bracket strength can support more than 10 times the weight of the lamp body, the safety factor is higher then counterparts.

LED ROADWAY LIGHTING/HIGH MAST LUMAIRE

AOK LED LIGHT CO., LTD.

PORDUCT FEATURES

• The WinM LED High Mast is an LED solution for expressway, freeway interchanges and other large area applications. AOK's unique reflective optics are designed to optimize application efficiency and minimize glare. The luminaire is an efficient solution lowering energy consumption as compared to transitional HID fixtures providing additional operating cost savings

APPLICATIONS

• Designed to meet recommended luminance and illuminance requirements for high mast applications, such as
• Airport Lighting
• Expressway and Freeway Interchanges,
• Port Facilities, Trailer/Container Yard and Rail Yard Operations

FINISH

• Rugged, weather-tight design and 3G Vibration ratings
• Corrosion resistant polyester powder painted

OPTICAL/ELECTRIC

• Three light distributions to maximize performance: 30°, 60°, 90°
• -40°C-50°C operating temperture range
• 1-10V dimming driver device standard
• 100-277Vac operation 50/60HZ standard, 347V/480V 50/60Hz optional

LED

• AOK WinM light engine using reflective technology to optimize application efficiency and minimize glare.
• Utilizes high brightness LEDS
• LM-79 tests and reports in accordance with IESNA Standardization
3000K, 4000K, 5000K, 5700K, 6500K CCT
• Minimum CRI of 70, 80 and 90 optional

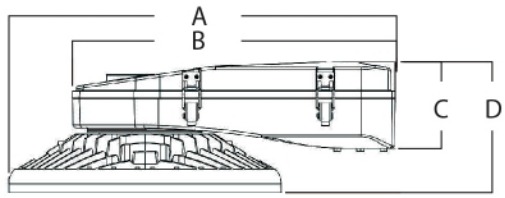
FEATURES

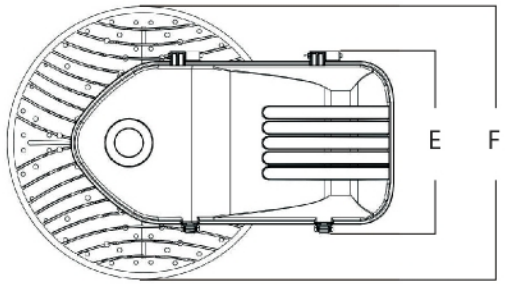
· Smart Lighting System
· Lid-latch driver box design
· Less energy consumption
· Easy installation & maintenance

up to 170lm/w

INM SERIES

FIXTURE DIMENSION





	A	B	C
230W 315W	66.4cm/26.0"	55.5cm/21.7"	14.9cm/5.8"
	D	E	F
	22.4cm/8.8"	31.4cm/12.3"	46.8cm/18.3"
	A	B	C
460W 580W 720W	70.5cm/27.6"	55.5cm/21.7"	14.9cm/5.8"
	D	E	F
	21.8cm/8.5"	31.4cm/12.3"	55.0cm/21.6"

ORDERING INFORMATION

AOK - [ ] - [ ] - [ ] - [ ] - [ ] - [ ] - [ ] - [ ]

WATTS	CCT&CRI	Mounting	VOLTAGE	LED CHIPS	SENSORS	DISTRIBUTION	HOUSING
230W INM	3070= 3000K 70CRI	Slip fitter	NV=100-277V	L5=Lumileds5050	00=Without sensor	15D=15°	BK=Black
315W INM	4070= 4000K 70CRI		HV=347V/480V		PH=Photocell	30D=30°	SL=Sliver Gray
460W INM	5070= 5000K 70CRI				DV=Dimmable	60D=60°	
580W INM	5770= 5700K 70CRI					T2M=Type II Medium	
720W INM	3080= 3000K 80CRI					T3M=type III Medium	
	4080= 4000K 80CRI					T4M=type IV Medium	
	5080= 5000K 80CRI					T2S=Type II Short	
	5780= 5700K 80CRI						

TECHNICAL SPECIFICATIONS

MODEL	WATTS	INITIAL DELIVERED LUMENS	REPLACE MHL	IP & IK	FIXTURE DIMENSION	NW	PAKING DIMENSION	GW
AOK-230WinM	230W	39100lm	850W	IP65&IK08	26.0*18.3*8.8" (66.4*46.8*22.4cm)	40.8lbs (18.5kg)	28.93*21.25*11.81" (73.5*54*30cm)	44.1lbs (20kg)
AOK-315WinM	315W	51975lm	1000W	IP65&IK08	26.0*18.3*8.8" (66.4*46.8*22.4cm)	40.8lbs (18.5kg)	28.93*21.25*11.81" (73.5*54*30cm)	44.1lbs (20kg)
AOK-460WinM	460W	78200lm	1200W	IP65&IK08	27.6*21.6*8.5" (70.5*55.0*21.8cm)	45.0lbs (20.5kg)	30.5*24.4*11.81" (77.5*62*30cm)	48.5lbs (22kg)
AOK-580WinM	580W	92800lm	1500W	IP65&IK08	27.6*21.6*8.5" (70.5*55.0*21.8cm)	45.0lbs (20.5kg)	30.5*24.4*11.81" (77.5*62*30cm)	48.5lbs (22kg)
AOK-720WinM	720W	108000lm	2000W	IP65&IK08	27.6*21.6*8.5" (70.5*55.0*21.8cm)	45.0lbs (20.5kg)	30.5*24.4*11.81" (77.5*62*30cm)	48.5lbs (22kg)

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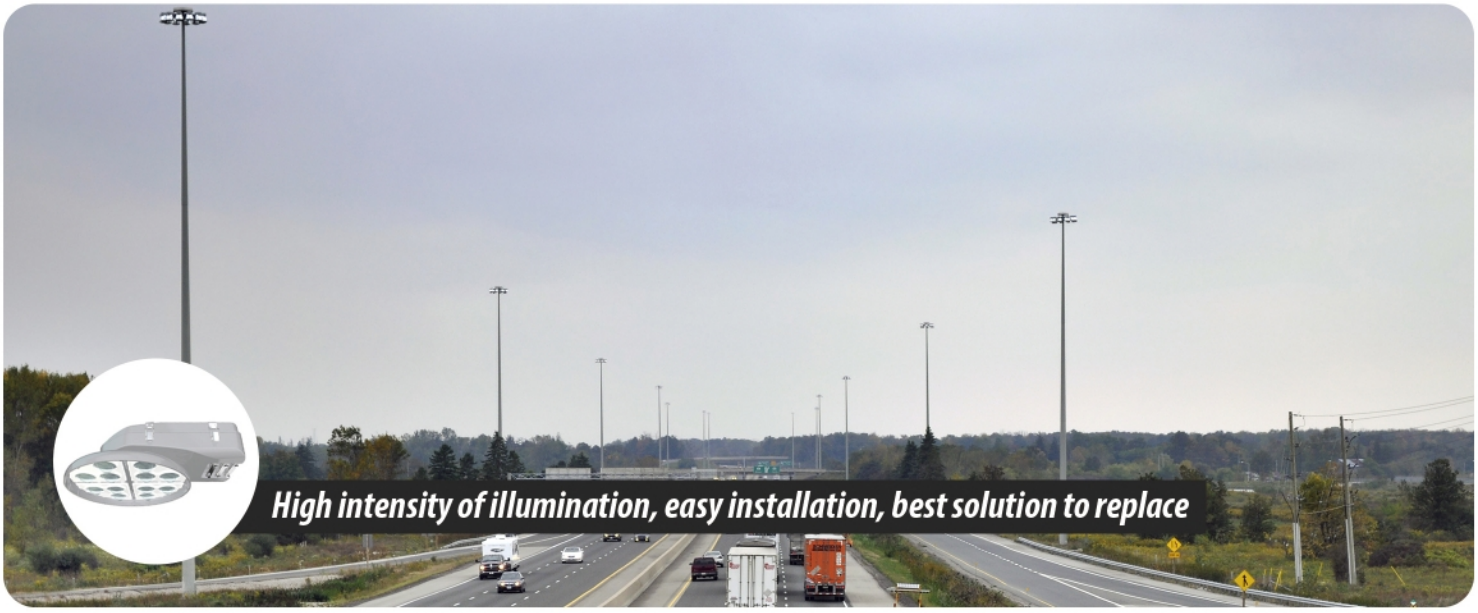
5 Year Warranty | 10 Year Warranty

WARRANTY

5-year standard warranty, 10-year warranty optional. Please consult with AOK sales for detailed agreement.

APPLICATIONS

Special Design for Highway/Airport/High Mast High Power LED Lighting, Up to 2000MHL Replacement



APPLICATIONS