



IM -SERIES

LED STREET LIGHT

UP TO **145LM/W**

200W MHL REPLACEMENT

● POWER: 20W-60W

**EXPERTS WITH
PROFESSIONAL SOLUTION**

WWW.AOKLEDLIGHT.COM

OPTICAL SYSTEM

- Precision engineered individual lenses made of optical grade Mitsubishi polycarbonate for maximum light intensity.
- Type II light patterns available, suitable for pathway, side way lighting.
- Available in 3000K, 4000K, 5000K, 5700K, 6500K CCT.
- Efficacy up to 145lm/w, higher lumen output, precision light pattern ensures more energy saved.
- Cutoff classification: Cutoff, no uplight pollution.
- Minimum CRI of 70, 80, and 90 optional.

CONSTRUCTION

- Housing: Die cast aluminum;
- Light engine is thermally isolated from driver components;
- UV stabilized polyester powder paint finish.

CERTIFICATES / LISTINGS

- CE EMC LVD certified.
- RoHS Compliant.
- IEC 60598-2-3
- IP65 Suitable for wet locations.

ELECTRICAL

- Standard universal voltage (100-240/277Vac) input, 50/60Hz.
- L90 calculated life: 50,000+ hours.
- 1-10V/ PMW dimming
- Inventronics constant current driver, 100-277Vac, 50-60Hz.
- High efficiency driver: up to 93.5%, minimum efficiency 87.5%
- Photocell optional.
- Operating temperature rating of -40°F to 122°F (-40°C to 50°C)

MOUNTING

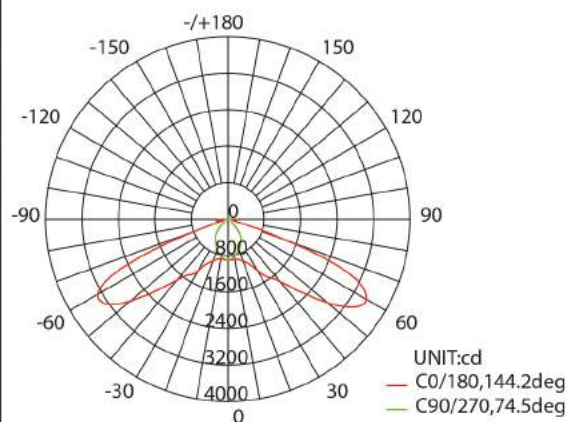
- Side entry for 1 3/5" (40mm) poles.
- Customized pole adapters available for special installation. Consult AOK for details.

up to 145lm/w

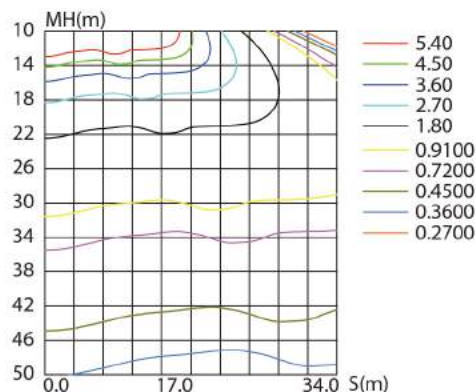
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LIGHT DISTRIBUTION PATTERNS

AVERAGE BEAM ANGLE(50%):109.3 DEG



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



TECHNICAL SPECIFICATIONS

MODEL	WATTS	LUMINAIRE LUMEN OUTPUT	REPLACE MHL	IP & IK	FIXTURE DIMENSION	NW	MAXIMUM CURRENT
AOK-20WiM	20	2836lm	50W	IP65&IK08	18.1*6.7*2" (46*17*5cm)	6.2lbs (2.8kg)	0.2A
AOK-30WiM	30	4146lm	75W	IP65&IK08	18.1*6.7*2" (46*17*5cm)	6.2lbs (2.8kg)	0.3A
AOK-40WiM	40	5448lm	100W	IP65&IK08	18.1*6.7*2" (46*17*5cm)	6.2lbs (2.8kg)	0.4A
AOK-50WiM	50	6440lm	150W	IP65&IK08	18.1*6.7*2" (46*17*5cm)	6.2lbs (2.8kg)	0.5A
AOK-60WiM	60	7470lm	200W	IP65&IK08	18.1*6.7*2" (46*17*5cm)	6.2lbs (2.8kg)	0.6A

ORDERING INFORMATION

AOK	-		-		-		-		-	
WATTS		VOLTAGE		LED CHIPS		CCT&CRI		SENSOR		DISTRIBUTION
20WiM		NV=100-277V		L3=LUMILEDS 3030		3070= 3000K 70CRI		00= Without sensor		T2= Type II
30WiM						4070= 4000K 70CRI		SN= Motion sensor		
40WiM						5070= 5000K 70CRI		PH= Photocell		
50WiM						5770= 5700K 70CRI		DV=Dimmable		
60WiM						3080= 3000K 80CRI				
						4080= 4000K 80CRI				
						5080= 5000K 80CRI				
						5780= 5700K 80CRI				