



IL

-SERIES

SMART LED STREET LIGHT

UP TO **170LM/W**

1500W REPLACEMENT

POWER: 40W-280W

**EXPERTS WITH
PROFESSIONAL SOLUTION**

WWW.AOKLEDLIGHT.COM

CONSTRUCTION

- Rugged low-profile die-cast aluminum housing.
- UV stabilized polyester powder paint finish for durability and corrosion resistance.
- Mounting has leveling adjustment from -15° to +15°
- Individual bar design, easy for maintenance and replacement.
- 3G vibration rated.

OPTICAL SYSTEM

- Precision engineered individual lenses made of optical grade Mitsubishi polycarbonate for maximum light intensity.
- Micro-lens systems produce IESNA Type II, Type III distributions. Luminaries produces 0% total lumens above 90 ° (BUG Rating, U=0).
- Optical systems maintain an IP66 rating.
- Available in 3000K, 4000K, 5000K, 5700K, 6500K CCT.
- Efficacy 130lm/W as standard, 170lm/W optional, higher lumen output, precision light pattern ensure more energy saved.
- Minimum CRI of 70, 80, and 90 optional.

ELECTRICAL

- 1-10V/ PWM/ Timer dimming, 3 Timer Modes, Dim-to-Off with Standby Power ≤ 0.5W.
- High-performance driver features over-voltage, under voltage, short-circuit and over temperature protection.
- Standard Universal Voltage: 100-277Vac, Inputs 50-60Hz. 200-480V as option.
- Total harmonic distortion: <20%
- Operating temperature: -40 ° C to 50 °C (-40°F to 122°F).
- Power factor > 0.9.

LISTINGS / CERTIFICATES

- AOK iL series LED light has been tested by UL authorized lab in accordance with IESNA LM-79 & LM-80.
- Listed to UL 1598 and UL 8750, UL File number: E364473.
- DLC Premium qualified, eligible for rebates.
- Suitable for wet locations.
- TUV GS CE RoHS Compliant.

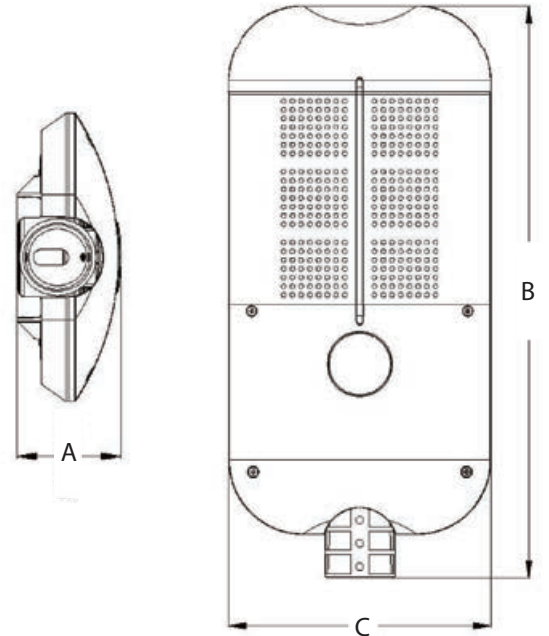


up to 170lm/w

IL SERIES



FIXTURE DIMENSIONS



MODEL	A	B	C
AOK-40WiL	107mm	495mm	300mm
AOK-80WiL	107mm	576mm	300mm
AOK-90WiL	107mm	576mm	300mm
AOK-120WiL	107mm	657mm	300mm
AOK-160WiL	107mm	738mm	300mm
AOK-200WiL	107mm	819mm	300mm
AOK-240WiL	107mm	900mm	300mm
AOK-280WiL	107mm	981mm	300mm

CERTIFICATIONS/LISTINGS



ORDERING INFORMATION

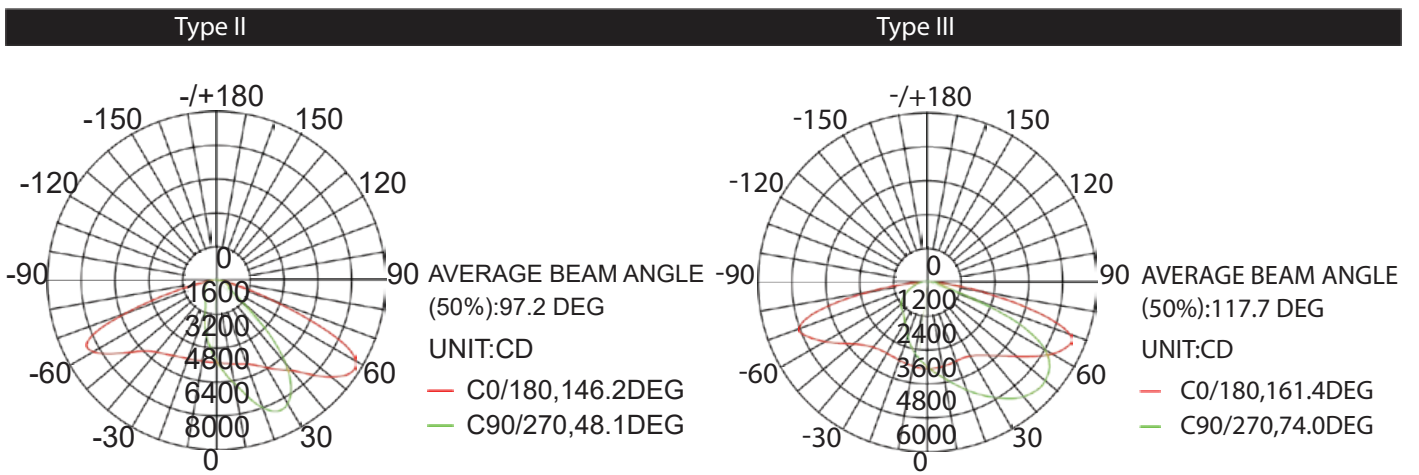
AOK						
WATTS	VOLTAGE	LED CHIPS	TYPE OF SENSOR	CCT&CRI	DISTRIBUTION	HOUSING
40W	NV=100-277V	L3=Lumileds3030	00=Without Sensor	3070=3000K 70CRI	Type II= 65*150deg	BK=Black
80W	HV=347V/480V	L5=Lumileds5050	PH=Photocell	4070=4000K 70CRI	Type III= 75*150deg	WH=White
90w			DV=Dimmable	5070=5000K 70CRI		
120W				5770=5700K 70CRI		
160W				6570=6500K 70CRI		
200W				3080=3000K 80CRI		
240W				4080=4000K 80CRI		
280W				5080=5000K 80CRI		
				5780=5700K 80CRI		
				6580=6500K 80CRI		

TECHNICAL SPECIFICATIONS

MODEL	WATTS	LUMINAIRE LUMEN OUTPUT	REPLACE MHL	IP&IK	FIXTURE DIMENSION	NW	MAXIMUM CURRENT
AOK-40WIK	40W	5200lm 6800lm	100W-130LPW 150W-170LPW	IP66&IK08	19.7*11.8*4.3" (50*30*11cm)	12.57lbs (5.7kg)	0.45A
AOK-80WIK	80W	10400lm 13600lm	250W-130LPW 300W-170LPW	IP66&IK08	22.8*11.8*4.3" (58*30*11cm)	15.78lbs (7.2kg)	0.9A
AOK-90WIK	90W	15300lm	250W-130LPW 300W-170LPW	IP66&IK08	22.8*11.8*4.3" (58*30*11cm)	15.78lbs (7.2kg)	1.01A
AOK-120WIK	120W	15600lm 20400lm	350W-130LPW 450W-170LPW	IP66&IK08	26*11.8*4.3" (66*30*11cm)	17.47lbs (7.92kg)	1.35A
AOK-160WIK	160W	20800lm 27200lm	450W-130LPW 600W-170LPW	IP66&IK08	29.1*11.8*4.3" (74*30*11cm)	19.98lbs (9.06kg)	1.8A
AOK-200WIK	200W	26000lm 34000lm	600W-130LPW 750W-170LPW	IP66&IK08	32.3*11.8*4.3" (82*30*11cm)	22.05lbs (10kg)	2.25A
AOK-240WIK	240W	31200lm 40800lm	750W-130LPW 900W-170LPW	IP66&IK08	35.4*11.8*4.3" (90*30*11cm)	24.70lbs (11.2kg)	2.66A
AOK-280WIK	280W	36400lm 47600lm	850W-130LPW 1000W-170LPW	IP66&IK08	38.6*11.8*4.3" (98*30*11cm)	30.75lbs (13.95kg)	3.1A

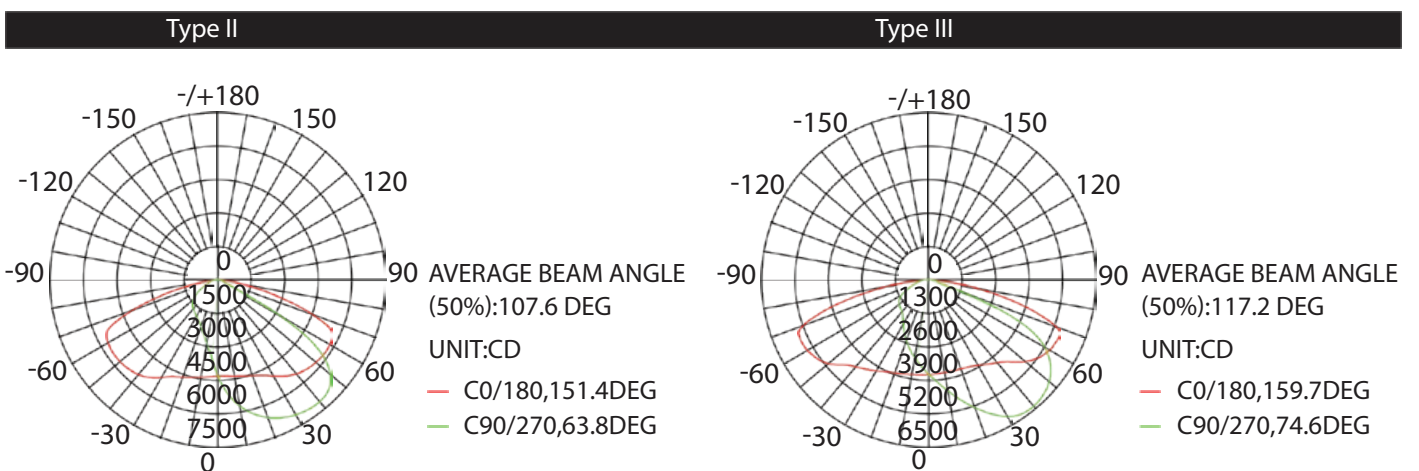
PHOTOMETRY

130LM/W VERSION PHOTOMETRY



All published Luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP accredited Laboratory.

170LM/W VERSION PHOTOMETRY



All published Luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP accredited Laboratory.

