IF LED FLOOD LIGHT
30W-300W

5Million+ Units LED Products Sales
100+ Patent Certificates
$1,000,000+ Annual Energy Saving
10,000+ Projects Successfully Installed

OVER **10** YEARS EXPERIENCE
www.aokledlight.com

> Features of IF Series

• iF series LED flood light provides general area lighting and improve the overall look of facades and signage.

• The slim, low profile design adds architectural appeal to any general flood lighting application with crisp uniform white light that offer high performance maximizing energy savings. With remarkable light quality and smooth white light, buildings and signage will stand out in the crowd.

• Die-cast aluminum housing treated with electrophoresis and powder coating for strong anti-corrosion performance.

• Extra clear silk printed tempered glass.

• Bracket surface featuring hot galvanizing processing, providing strong corrosion resistance.

• Tool-less entry through buckles integrated

• Tool free adjustable bracket +/-90 by means of mechanics

• Power factor: Up to 0.98 at full load

• Surge protection: 10kV CM/6kVDM surge immunity according to EN 61000-4-5 and EN 61547

• Industrial application, parking lots, monuments, buildings, and general area spaces.

UL | cULus LISTED | CE | FC | SA | RoHS

UP TO **150** lm/W

L80B10 >60000hrs @ 25℃

100-277V 50/60HZ

THD <9%

• 2700K
• 3000K
• 4000K
• 5000K
• 5700K
• 6500K

CRI 70/80/90

ULR =0

Working Temperature **Environment** −40℃~55℃ (−40℉~+131℉)

+/-90° Tool free adjustable bracket +/-90

IP66 IK08

DIM

AOK
Quality, Honesty, Service and Innovation

AOK
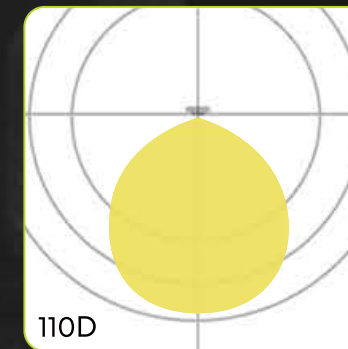Quality, Honesty, Service and Innovation

> Photometric Design

• Optimized, premium optical grade Mitsubishi polycarbonate lens, the efficient design of the modules make each light engine highly customizable, allowing the light distribution to be aimed toward the application.

• Optical systems allow for versatility and flexible control for a wide variety of applications.

• We deliver innovation and customization, further expanding the flexibility of the project. Exceptional uniformity and low glare for maximum comfort and neighbor-friendly.
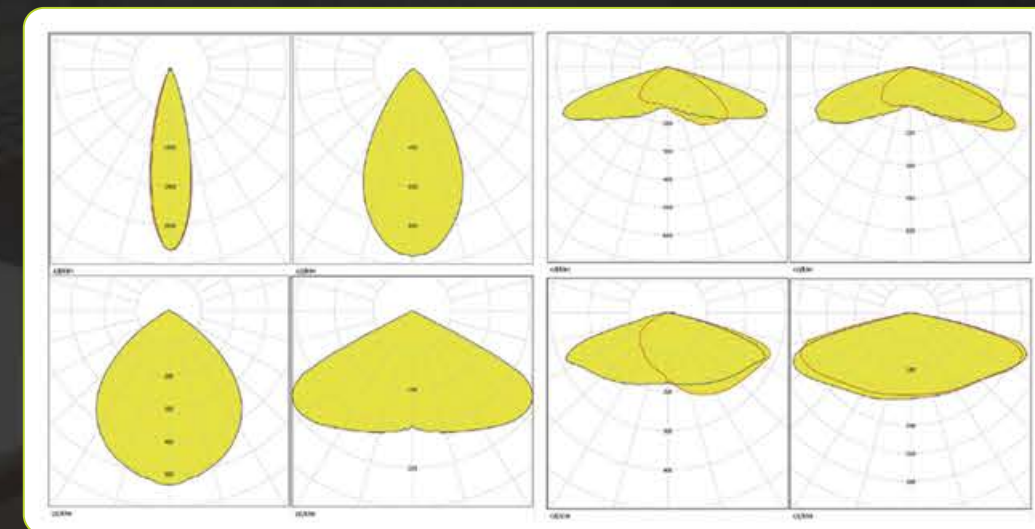
Classification

30W-50W

75W

96W-145W

200W-230W

260W-300W

Distribution

IF-30W/50W/75W
Optional Beam Angle: 110°

110D

IF-96W/145W/200W/230W/260W/300W
Optional Beam Angle: 30°/60°/90°/110°/120°
/Type2/Type3/Type4/Type5

Parameter Table

Electrical Data

Model	AOK-30WiF	AOK-50WiF	AOK-75WiF
Power(W)	30W	50W	75W
Input voltage	100-277VAC		
THD	<9%		
PF	>0.98		
Control option	DALI, 1-10V/ PWM / timer dimming, Nema, Zhaga, Presence detection sensor . Dim-to-Off with standby power <= 0.5W.		
Operating temperature	-40°C to 55°C (-40 °F to 131 °F)		
Driver	Meanwell/Sosen		
Surge Protection	10KV CM/6KV DM surge immunity according to EN 61000-4-5 and EN 61547		

Photometric Data

	AOK-30WiF	AOK-50WiF	AOK-75WiF
Efficacy (lm/W, Std Dev ±3%)	138lm/W	137lm/W	135lm/W
Luminous flux(lm)@CRI 70Ra, 4000K,(Std Dev ±3%)	4140lm	6850lm	10125lm
ULOR	= 0%, @ Luminaire inclination 0°		
CCT	3000K, 4000K, 5000K, 5700K, 6500K		
CRI	70Ra, 80Ra, 90Ra optional		
Beam angle	30°/60°/90°/110°/120° T2(107*157°)/T3(110*146°)/T4(123*146°)/T5(149°)		
LED Manufacturer	LUMILEDS		
LED model	Lumileds 3030		
Number of LED	60	60	96
Working current of single LED	73mA	124mA	116mA
Lens	Polycarbonate & tempered glass		

Mechanical Data

	AOK-30WiF	AOK-50WiF	AOK-75WiF
IP/IK	IP66/IK08, according to standard EN 60529 and EN 62262		
Vibration resistance	3G, conform to standard IEC 68-2-6.		
SCx	Side: 0.009395㎡ Front-side: 0.009035㎡ Front: 0.046919㎡	Side: 0.009395㎡ Front-side: 0.009035㎡ Front: 0.046919㎡	Side: 0.012416㎡ Front-side: 0.011320㎡ Front: 0.076177㎡
Housing	Heavy-duty die-cast aluminum (EN AC-46100)		
Surface treatment	Anti-UV thermosetting polyester / 80 micron epoxy primer + Anti-UV thermosetting polyester (for extremely corrosive environments).		
Painting	Black, Silver, Custom request		
Cable	Pre-wired with a 30 cm cable (Other lengths on request)		
Mounting	Under yoke mount		

Others

	AOK-30WiF	AOK-50WiF	AOK-75WiF
Lifespan	L80B10 > 60000 h, @Ta 25°C		
Warranty	5 years (Warranty extension up to 10 years on request)		
Certification	UL/cUL/FCC/SAA/CE/RoHS,For other certificates please request		
Product Size	282*220*52mm	282*220*52mm	337*269*52mm
Net Weight	1.69kg	1.79kg	2.75kg
Carton Size	312*252*78mm	312*252*78mm	367*301*78mm
Gross Weight	1.8kg	1.9kg	2.8kg
Application field	Momuments, buildings, billboard, public area		

Electrical Data

Model	AOK-96WiF	AOK-145WiF	AOK-200WiF
Power(W)	96W	145W	200W
Input voltage	100-277VAC		
THD	<9%		
PF	>0.98		
Control option	DALI, 1-10V/ PWM / timer dimming, Nema, Zhaga, Presence detection sensor . Dim-to-Off with standby power <= 0.5W.		
Operating temperature	-40°C to 55°C (-40 °F to 131 °F)		
Driver	Meanwell/Sosen		
Surge Protection	10KV CM/6KV DM surge immunity according to EN 61000-4-5 and EN 61547		

Photometric Data

	AOK-96WiF	AOK-145WiF	AOK-200WiF
Efficacy (lm/W, Std Dev ±3%)	138lm/W	135lm/W	130lm/W
Luminous flux(lm)@CRI 70Ra, 4000K,(Std Dev ±3%)	13248lm	19575lm	26000lm
ULOR	= 0%, @ Luminaire inclination 0°		
CCT	3000K, 4000K, 5000K, 5700K, 6500K		
CRI	70Ra, 80Ra, 90Ra optional		
Beam angle	30°/60°/90°/110°/120° T2(107*157°)/T3(110*146°)/T4(123*146°)/T5(149°)		
LED Manufacturer	LUMILEDS		
LED model	Lumileds 3030		
Number of LED	192	192	240
Working current of single LED	78mA	118mA	129mA
Lens	Polycarbonate & tempered glass		

Mechanical Data

	AOK-96WiF	AOK-145WiF	AOK-200WiF
IP/IK	IP66/IK07, according to standard EN 60529 and EN 62262		
Vibration resistance	3G, conform to standard IEC 68-2-6.		
SCx	Side: 0.011320㎡ Front-side: 0.015971㎡ Front: 0.108840㎡	Side: 0.011320㎡ Front-side: 0.015971㎡ Front: 0.108840㎡	Side: 0.020125㎡; Front-side: 0.018668㎡ Front: 0.143633㎡
Housing	Heavy-duty die-cast aluminum (EN AC-46100)		
Surface treatment	Anti-UV thermosetting polyester / 80 micron epoxy primer + Anti-UV thermosetting polyester (for extremely corrosive environments).		
Painting	Black, Silver, Custom request		
Cable	Pre-wired with a 30 cm cable (Other lengths on request)		
Mounting	Under yoke mount		

Others

	AOK-96WiF	AOK-145WiF	AOK-200WiF
Lifespan	L80B10 > 60000 h, @Ta 25°C		
Warranty	5 years limited warranty, 10years optional		
Certification	• UL/cUL/FCC/SAA/CE/RoHS,For other certificates please request		
Product Size	416*300*55mm	416*300*55mm	489*350*59mm
Net Weight	4.62kg	4.8kg	5.71kg
Carton Size	475*370*115mm	475*370*115mm	540*420*115mm
Gross Weight	5.4kg	5.6kg	6.62kg
Application field	Momuments, buildings, billboard, public area		

Parameter Table

Electrical Data

Model	AOK-230WiF	AOK-260WiF	AOK-300WiF
Power(W)	230W	260W	300W
Input voltage	100-277VAC		
THD	<9%		
PF	>0.98		
Control option	DALI, 1-10V/ PWM / timer dimming, Nema, Zhaga, Presence detection sensor . Dim-to-Off with standby power <= 0.5W.		
Operating temperature	-40°C to 55°C (-40 °F to 131 °F)		
Driver	Meanwell/Sosen		
Surge Protection	10KV CM/6KV DM surge immunity according to EN 61000-4-5 and EN 61547		

Photometric Data

Efficacy (lm/W, Std Dev ±3%)	120lm/W	125lm/W	134lm/W
Luminous flux(lm)@CRI 70Ra, 4000K,(Std Dev ±3%)	27600lm	32500lm	40200lm
ULOR	= 0%, @ Luminaire inclination 0°		
CCT	3000K, 4000K, 5000K, 5700K, 6500K		
CRI	70Ra, 80Ra, 90Ra optional		
Beam angle	30°/60°/90°/110°/120° T2(107*157°)/T3(110*146°)/T4(123*146°)/T5(149°)		
LED Manufacturer	LUMILEDS		
LED model	Lumileds 3030		
Number of LED	240	384	384
Working current of single LED	148mA	105mA	122mA
Lens	Polycarbonate & tempered glass		

Mechanical Data

IP/IK	IP66/IK08, according to standard EN 60529 and EN 62262		
Vibration resistance	3G, conform to standard IEC 68-2-6.		
SCx	Side: 0.020125㎡; Front-side: 0.018668㎡ Front: 0.143633㎡	Side: 0.022425㎡ Front-side: 0.029759㎡ Front: 0.217231㎡	Side: 0.022425㎡ Front-side: 0.029759㎡ Front: 0.217231㎡
Housing	Heavy-duty die-cast aluminum (EN AC-46100)		
Surface treatment	Anti-UV thermosetting polyester / 80 micron epoxy primer + Anti-UV thermosetting polyester (for extremely corrosive environments).		
Painting	Black, Silver, Custom request		
Cable	Pre-wired with a 30 cm cable (Other lengths on request)		
Mounting	Under yoke mount		

Others

Lifespan	L80B10 > 60000 h, @Ta 25℃		
Warranty	5 years limited warranty, 10years optional		
Certification	• UL/cUL/FCC/SAA/CE/RoHS,For other certificates please request		
Product Size	489*350*59mm	496*503*65mm	496*503*65mm
Net Weight	5.9kg	10.3kg	10.3kg
Carton Size	540*420*115mm	580*570*115mm	580*570*115mm
Gross Weight	6.81kg	11.21kg	11.21kg
Application field	Momuments, buildings, billboard, public area		

Construction Features

ELECTRICAL

· Input Voltage: 100-240V, 50/60Hz
· Power factor: Up to 0.98 at full load
· Surge protection: 10kV CM/6kVDM surge immunity according to EN 61000-4-5 and EN 61547
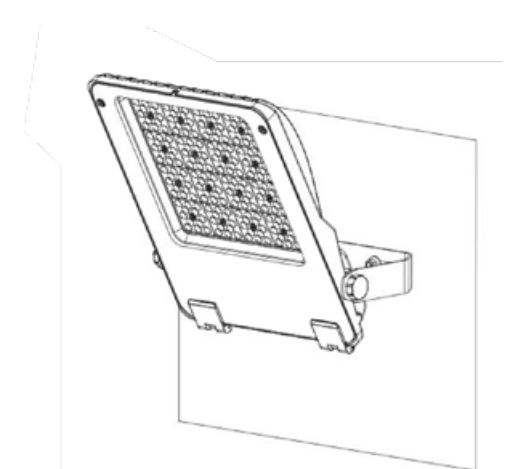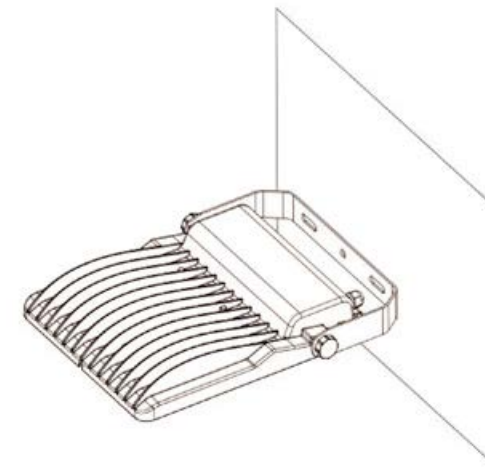
CERTIFICATION/LISTING

· CE Listed;
· RoHS compliant;
· Enclosure rated IP66 per IEC 60529
· Compliant to: EN-60598-1; EN- 60598-2-3.

CONSTRUCTION

· Die cast aluminum housing treated with electrophoresis and powder coating for strong anti-corrosion performance.
· Extra clear silk printed tempered glass.
· Bracket surface featuring hot galvanizing processing, providing strong corrosion resistance.
· Tool-less entry through buckles integrated
· Tool free adjustable bracket +/-90 by means of mechanics
· Lifetime: >60000hrs @Ta 25°C
· Operating temperature rating of -40°F to 131°F (-40°C to 55°C)

Ordering Information

AOK	-		-		-		-		-	
WATTS		**VOLTAGE**		**LED CHIPS**		**CCT&CRI**		**HOUSING**		**OPTIONS**
30W		NV=100-277V		L3=Lumileds3030		2770=2700K 70CRI		BK=Black		30D=30°
50W				L5=Lumileds5050		3070=3000K 70CRI		SG= Silver Gray		60D=60°
75W						4070=4000K 70CRI				90D= 90°
96W						5070=5000K 70CRI				110D=110°
145W						5770=5700K 70CRI				120D=120°
200W						6570=6500K 70CRI				T2=Type II
230W						2780=2700K 80CRI				T3=Type III
260W						3080=3000K 80CRI				T4=Type IV
300W						4080=4000K 80CRI				T5=Type V
						5080=5000K 80CRI				
						5780=5700K 80CRI				
						6580=6500K 80CRI				

AOK®

Quality, Honesty, Service and Innovation

Illuminate Your Future

5 **10** ● WARRANTY
5 Year Limited Warranty,
10 Year Preferred Warranty.
Please consult with our sales for detailed agreement.

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