

Parameter Table

Electrical Specifications

Model	AOK-SLF20	AOK-SLF30	AOK-SLF40
Power(W)	20	30	40
Input voltage	100-277Vac/200-480Vac/100-480Vac, 50/60Hz		
THD	≤8% (220Vac)	≤8% (220Vac)	≤8% (220Vac)
PF	0.95 (220Vac)	0.95 (220Vac)	0.97 (220Vac)
Driver	Sosen		Sosen
Operating temperature	-40°C to 50°C (-40 °F to 122 °F)		
Control Option	DALI, 1-10V/PWM/Timer dimming, Nema, Zhaga, Presence detection sensor. Dim-to-Off with standby power ≤ 0.5W.		
Surge Protection	10kV / 20kV optional		

Photometric Specifications

Efficacy(LM/W) (CRI 70Ra, 4000K)	T2	150LM/W	150LM/W	150LM/W
	T3	150LM/W	150LM/W	150LM/W
T4	150LM/W	150LM/W	150LM/W	
T5	150LM/W	150LM/W	150LM/W	
Luminous flux (LM) (CRI 70Ra, 4000K)	T2	3000LM	4500LM	6000LM
	T3	3000LM	4500LM	6000LM
	T4	3000LM	4500LM	6000LM
	T5	3000LM	4500LM	6000LM
ULOR	= 0%, @ Luminaire inclination 0°			
CCT	2700K, 3000K, 4000K, 5000K, 5700K, 6500K			
CRI	70Ra, 80Ra, 90Ra			
Beam angle	Type II/Type III/Type IV/Type V			

Mechanical Specifications

IP/IK	Optical systems maintain an IP66 rating, IK08
Vibration resistance	3G rated, conform to standard IEC 68-2-6.
SCx (EPA)	Front-side: 0.02717m ² (0.29244ft ²); Side: 0.03834m ² (0.41267ft ²)
Materials	Heavy-duty die-cast aluminum (ADC12)
Surface treatment	Anti-UV thermosetting polyester / 80 micron epoxy primer + Anti-UV thermosetting polyester (for extremely corrosive environments).
Painting	Black, Silver, Bronze Custom request
Cable	Pre-wired with a 30 cm cable (Other lengths on request)
Mounting	Slide Entry

LED

LED Manufacturer	Seoul/LUXEON			
LED model	LUXEON 5050			
Working current of single LED	T2	138mA	138mA	154mA
	T3	138mA	138mA	154mA
	T4	138mA	138mA	154mA
	T5	138mA	138mA	154mA
Lens	Polycarbonate, with tempered glass cover			

Others

Lifespan	L90B10 > 52 000 h, @Tq 25°C		
Warranty	5 years (Warranty extension up to 10 years on request)		
Certification	UL/DLC (The company is ISO 9001 and ISO 14001 certified.)		
Product Size	19.37*10.35*7.37 inches / 492*263*187mm		
Net Weight	3.62KG	3.62KG	3.7kg
Carton size	21.34*12.4*8.46inches / 542*315*215mm		
Gross weight	4.7KG	4.7KG	4.75kg
Recommend installation	General 4-12m, based on actual project requirements		
Application field	Urban and rural street		

Electrical Specifications

Model	AOK-SLF50	AOK-SLF60	AOK-SLF70
Power(W)	50	60	70
Input voltage	100-277Vac/200-480Vac/100-480Vac, 50/60Hz		
THD	≤8% (220Vac)	≤8% (220Vac)	≤8% (220Vac)
PF	0.97 (220Vac)	0.95 (220Vac)	0.99 (220Vac)
Driver	Sosen	PHILIPS	PHILIPS
Operating temperature	-40°C to 50°C (-40 °F to 122 °F)		
Control Option	DALI, 1-10V/PWM/Timer dimming, Nema, Zhaga, Presence detection sensor. Dim-to-Off with standby power ≤ 0.5W.		
Surge Protection	10kV / 20kV optional		

Photometric Specifications

Efficacy(LM/W) (CRI 70Ra, 4000K)	T2	150LM/W	150LM/W	150LM/W
	T3	150LM/W	150LM/W	150LM/W
T4	150LM/W	150LM/W	150LM/W	
T5	150LM/W	150LM/W	150LM/W	
Luminous flux (LM) (CRI 70Ra, 4000K)	T2	7500LM	9000LM	10500LM
	T3	7500LM	9000LM	10500LM
	T4	7500LM	9000LM	10500LM
	T5	7500LM	9000LM	10500LM
ULOR	= 0%, @ Luminaire inclination 0°			
CCT	2700K, 3000K, 4000K, 5000K, 5700K, 6500K			
CRI	70Ra, 80Ra, 90Ra			
Beam angle	Type II/Type III/Type IV/Type V			

Mechanical Specifications

IP/IK	Optical systems maintain an IP66 rating, IK08
Vibration resistance	3G rated, conform to standard IEC 68-2-6.
SCx (EPA)	Front-side: 0.02717m ² (0.29244ft ²); Side: 0.03834m ² (0.41267ft ²)
Materials	Heavy-duty die-cast aluminum (ADC12)
Surface treatment	Anti-UV thermosetting polyester / 80 micron epoxy primer + Anti-UV thermosetting polyester (for extremely corrosive environments).
Painting	Black, Silver, Bronze Custom request
Cable	Pre-wired with a 30 cm cable (Other lengths on request)
Mounting	Slide Entry

LED

LED Manufacturer	Seoul/LUXEON			
LED model	LUXEON 5050			
Working current of single LED	T2	201mA	242mA	285mA
	T3	201mA	242mA	285mA
	T4	201mA	242mA	285mA
	T5	201mA	242mA	285mA
Lens	Polycarbonate, with tempered glass cover			

Others

Lifespan	L90B10 > 52 000 h, @Tq 25°C		
Warranty	5 years (Warranty extension up to 10 years on request)		
Certification	UL/DLC (The company is ISO 9001 and ISO 14001 certified.)		
Product Size	19.37*10.35*7.37 inches / 492*263*187mm		
Net Weight	3.7kg	3.85kg	3.75kg
Carton size	21.34*12.4*8.46inches / 542*315*215mm		
Gross weight	4.75kg	4.9kg	4.8kg
Recommend installation	General 4-12m, based on actual project requirements		
Application field	Urban and rural street		

SLF-Falcon Series Specification Sheet

*Due to the constant improvements in product development, individual parameters might change. Please refer to our sales or R&D team for most up-to-date content as specifications are subject to change without notice.

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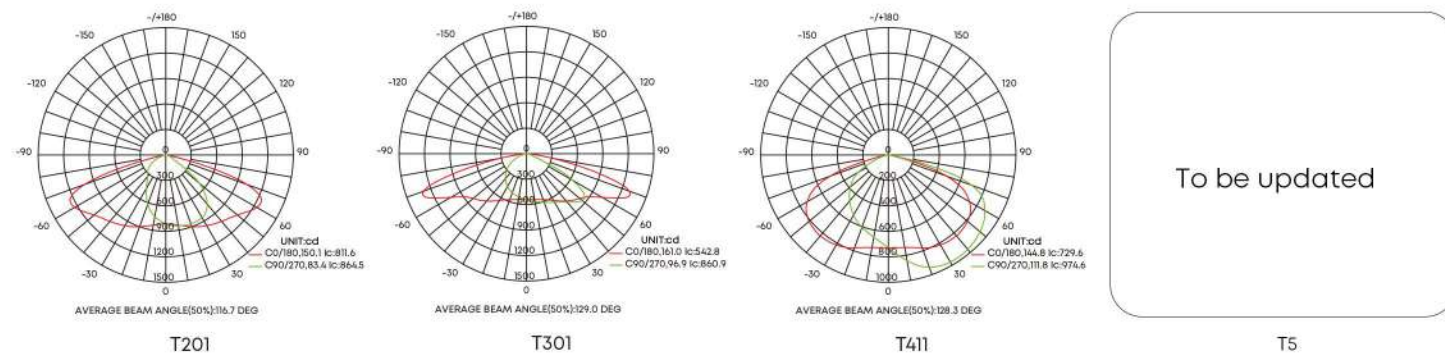
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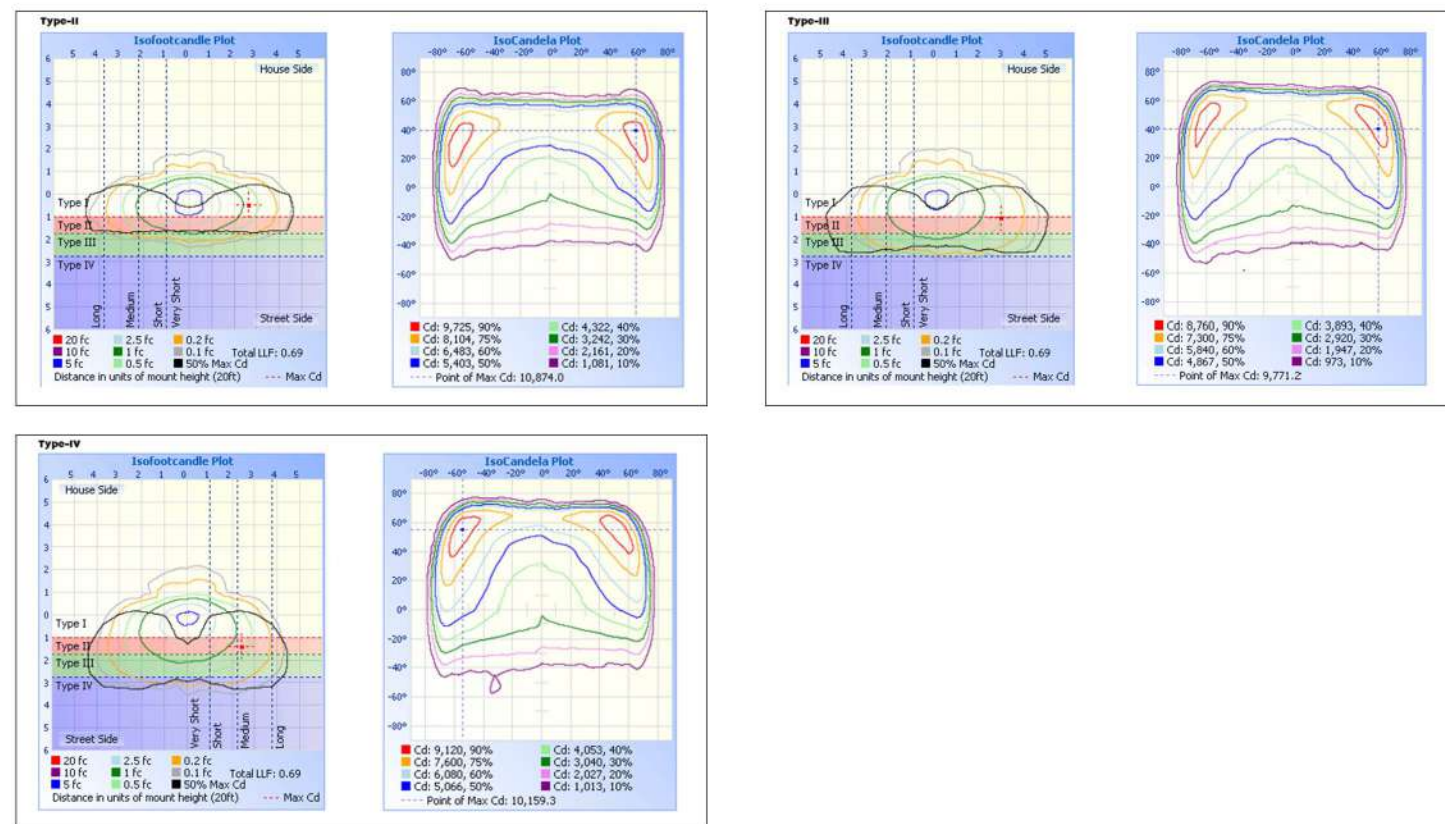
Ordering Information

AOK							
WATTS	VOLTAGE	LED CHIPS	TYPE OF SENSOR	CCT&CRI	DISTRIBUTION	HOUSING	OPTION
SLF20	NV=100-277V	LU=LUXEON	00=Without Sensor	2770=2700K 70CRI	T2=Type II	SG=Silver Gray	10KV SPD
SLF30	HV1=100-480V	S5=Seoul 5050	PH=PhotoCell	3070=3000K 70CRI	T3=Type III	BZ=Bronze	20KV SPD
SLF40	HV2=200-480V		DV=Dimmable	4070=4000K 70CRI	T4=Type IV	BK=Black	
SLF50				5070=5000K 70CRI	T5=Type V	Custom request	
SLF60				5770=5700K 70CRI			
SLF70				6570=6500K 70CRI			
				2780=2700K 80CRI			
				3080=3000K 80CRI			
				4080=4000K 80CRI			
				5080=5000K 80CRI			
				5780=5700K 80CRI			
				6580=6500K 80CRI			

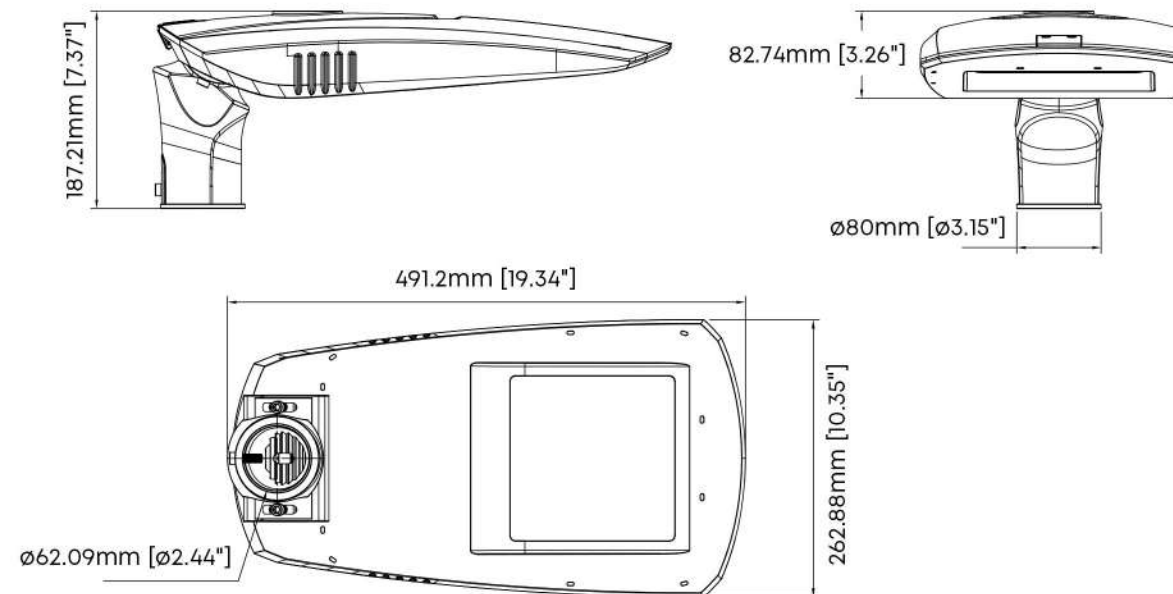
Photometry



Illuminance Diagram



Fixture Dimensions



Accessories

Mounting Options



Control Options



*As the products are upgraded, the accessories may differ from those described in the pictures. Please consult with our sales team for updated details and order separately.

SLF-Falcon Series Specification Sheet

*Due to the constant improvements in product development, individual parameters might change. Please refer to our sales or R&D team for most up-to-date content as specifications are subject to change without notice.

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