



FLZ7

LED Flood Light



Areas of application

- Recreational sports
- Billboard lighting
- Accent lighting
- Parking lots
- Roundabout
- Outdoor sports

Product Benefits

- Up to 100,000hrs @ L70, low maintenance cost
- World class, approbated quality components (LEDs /Driver /etc.)
- Equipped with vent to avoid internal fogging and frosting
- Wide choice of optics to suit more applications (asymmetrical and symmetrical)
- Buckle design makes it very easy for further maintenance

Product Features

- Luminaire efficacy: Up to 170 lm /w
- Lifetime more than 100,000 hours
- Impact resistance: IK10
- Type of protection: IP66





Product Datasheet

Version S

Model No	SOLED-FLZ7-30S	SOLED-FLZ7-30S+	SOLED-FLZ7-40S	SOLED-FLZ7-50S
Nominal Wattage	30W	30W	40W	50W
3030 Version	Efficiency 140 lm /w 4200 lm	Efficiency 155 lm /w 4650 lm	Efficiency 150 lm /w 6000 lm	Efficiency 140 lm /w 7000 lm

Version M

Model No	SOLED-FLZ7-60M	SOLED-FLZ7-60M+	SOLED-FLZ7-80M	SOLED-FLZ7-80M+	SOLED-FLZ7-100M	SOLED-FLZ7-120M
Nominal Wattage	60W	60W	80W	80W	100W	120W
3030 Version	Efficiency 150 lm /w 9000 lm	Efficiency 165 lm /w 9900 lm	Efficiency 145 lm /w 11600 lm	Efficiency 160 lm /w 12800 lm	Efficiency 145 lm /w 14500 lm	Efficiency 145 lm /w 17400 lm
5050 Version	Efficiency 160 lm /w 9600 lm	Efficiency 170 lm /w 10200 lm	Efficiency 155 lm /w 12400 lm	Efficiency 165 lm /w 13200 lm	Efficiency 155 lm /w 15500 lm	Efficiency 155 lm /w 18600 lm

Version L

Model No	SOLED-FLZ7-150L	SOLED-FLZ7-150L+	SOLED-FLZ7-180L	SOLED-FLZ7-180L+	SOLED-FLZ7-200L	SOLED-FLZ7-240L
Nominal Wattage	150W	150W	180W	180W	200W	240W
3030 Version	Efficiency 145 lm /w 21750 lm	Efficiency 160 lm /w 24000 lm	Efficiency 150 lm /w 27000 lm	Efficiency 155 lm /w 27900 lm	Efficiency 145lm /w 29000 lm	Efficiency 140 lm /w 33600 lm
5050 Version	Efficiency 155 lm /w 23250 lm	Efficiency 165 lm /w 24750 lm	Efficiency 160 lm /w 28800 lm	Efficiency 165 lm /w 29700 lm	Efficiency 155 lm /w 31000 lm	Efficiency 150 lm /w 36000 lm

Version XL

Model No	SOLED-FLZ7-320XL	SOLED-FLZ7-320XL+	SOLED-FLZ7-400XL
Nominal Wattage	320W	320W	400W
3030 Version	Efficiency 155 lm /w 49600 lm	Efficiency 160 lm /w 51200 lm	Efficiency 150 lm /w 60000 lm
5050 Version	Efficiency 165 lm /w 52800 lm	Efficiency 170 lm /w 54400 lm	Efficiency 160 lm /w 64000 lm

*Above values are calculated based on the product with CCT over 3000K, values of 3000K are 5% lower than above values.

*Luminous efficacy of asymmetrical is 5% lower than other light distributions.

*Values shown are subject to ±5% tolerance.

Electrical Data:

Nominal Voltage	AC 100-240V / 277V 50 / 60Hz
LED	Philips Lumileds
Driver	Default: Inventronics for 30-320W, SOSEN for 400W / Other brands on request
Power Factor (PF)	>0.95
THD	<15
SPD	10KV (Build-in Driver) / Extra 10KV SPD (Order on request except version XL)
Optics	25°, 60°, 90°, 120° or Asymmetrical
Standard Deviation of Color Matching	<5 SDCM
CRI	Ra>70 (Default) / Ra>80
CCT	3000K, 4000K, 5000K, 5700K

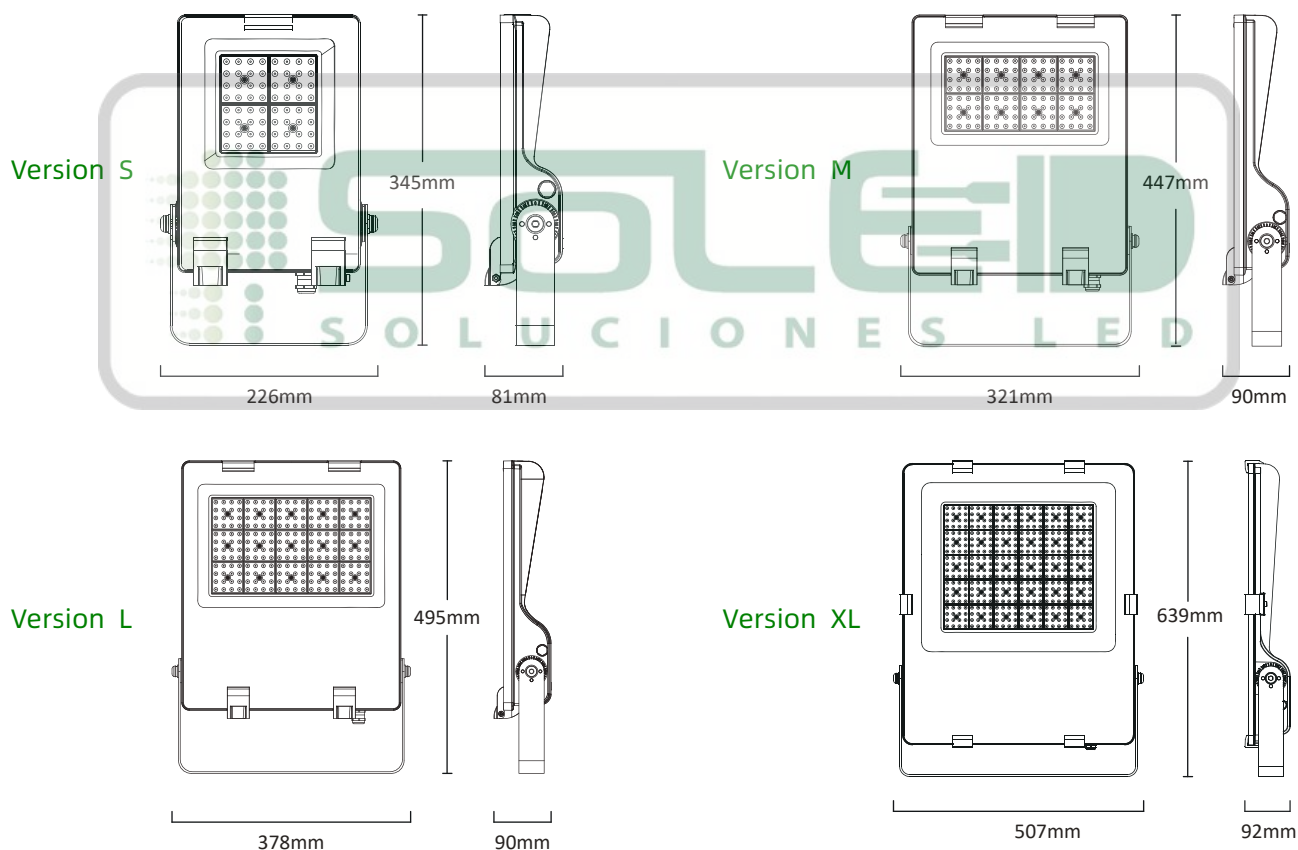


Product Datasheet

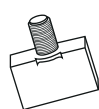
General Data

Body Material	High pressure die-cast aluminum
Housing Color	Gray RAL 9023(Default) /Black (available on request)
Cover Material	Tempered glass
Lens Material	UV-resistant Polycarbonate / PMMA
Working Environment	-40°C ~ +50°C, 10%~90%RH
Lifespan L70 at 25 °C	>100, 000 h
Mounting Type	Bracket mounted
Mounting Location	Wall /Pole /Floor /Ceiling
Dimmable	1-10V Dimming (Default) /Timer Dimming
Protection Class	Class I (Default) /Class II (30W-240W)
Standards	CE, RoHS, ENEC, CB, LM79, LM80, TM-21, IP66, IK10
Available on request	Photocell, Motion sensor, NTC, OLC, Solar Compatible, DALI Dimming

Product dimensions



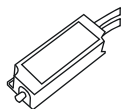
Optional accessories



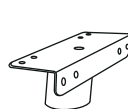
Photocell



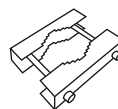
PIR Sensor



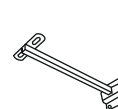
Smart Controller



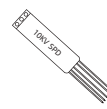
Pole Adapter



Clamp Bracket



Mounting Arm



Extra 10KV SPD

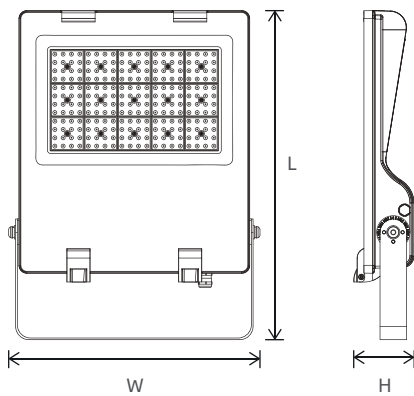


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Structure Drawing:



Dimension:

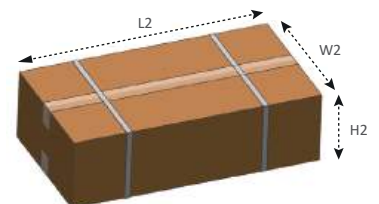


Fixture Information

Version	L1 xW1 xH1	Weight
S	345 x226 x81mm	2.3kg
M	447 x321 x90mm	4.4kg
L	495 x378 x90mm	6.0kg
XL	639 x507 x92mm	12.0kg

Package Information

Version	L2 xW2 xH2	Weight
S	350 x295 x145mm	2.9kg
M	425 x385 x140mm	4.9kg
L	470 x445 x145mm	6.7kg
XL	655 x570 x180mm	13.5kg

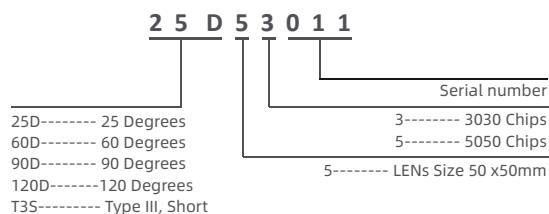




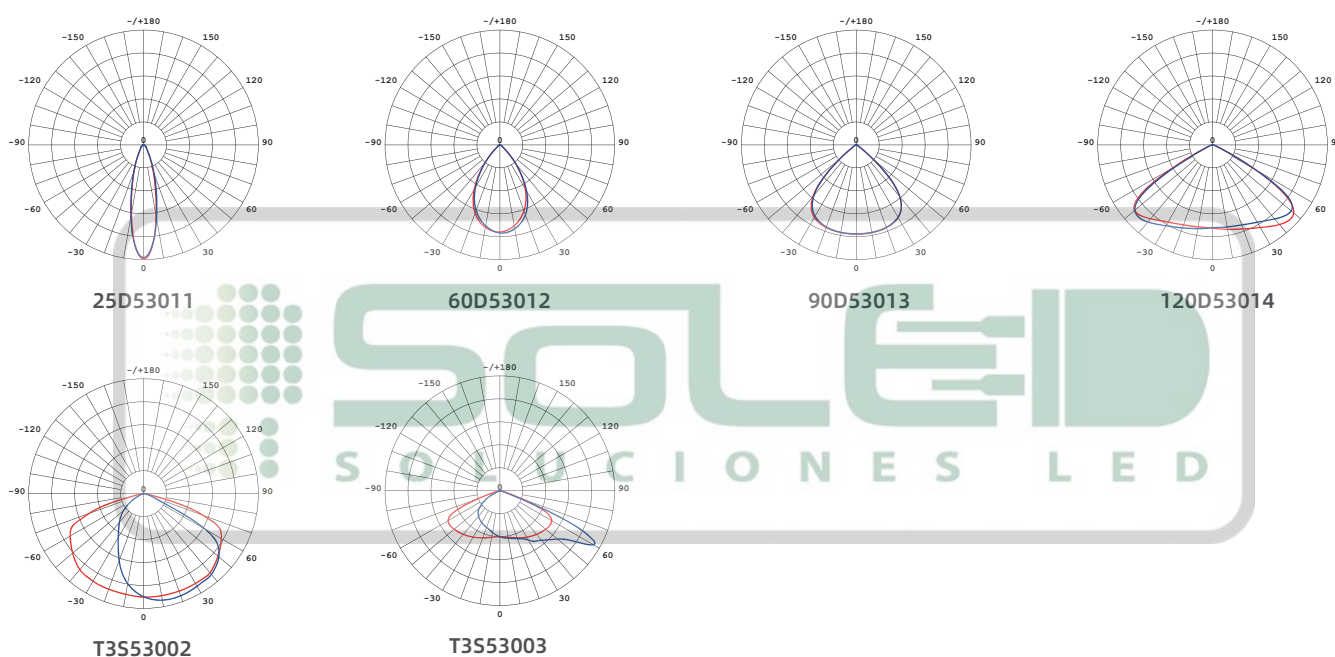
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Light Distributions

Order reference



3030 Version



5050 Version

