



FLX SERIES LED FLOOD LIGHT

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Tool free maintenance



FLX series flood light provides a solution for recreational sports and area lighting, Provides a variety of different angles of light distribution design to meet the lighting needs of different occasions. Tempered Glass and Polycarbonate Optical Lens, Protection level up to IK08 and IP66. Constant Current Power Driver, L80B20 can reach more than 100,000 hours.

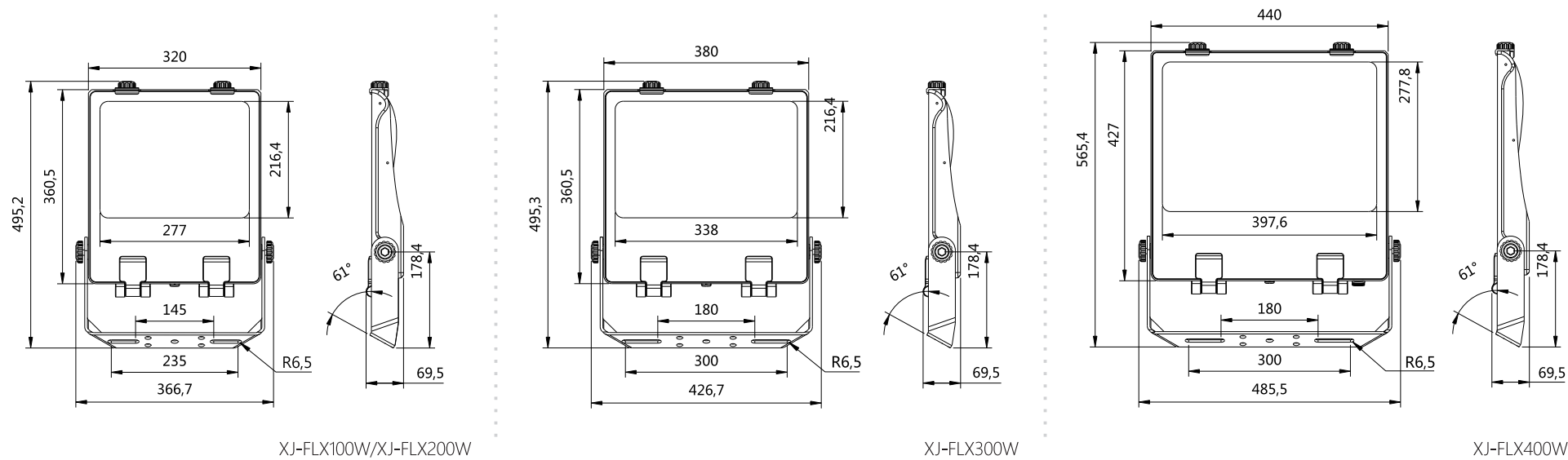


Rated voltage
100-277V

Frequency
50-60Hz

+50°C
-40°C

Dimension



Parameter

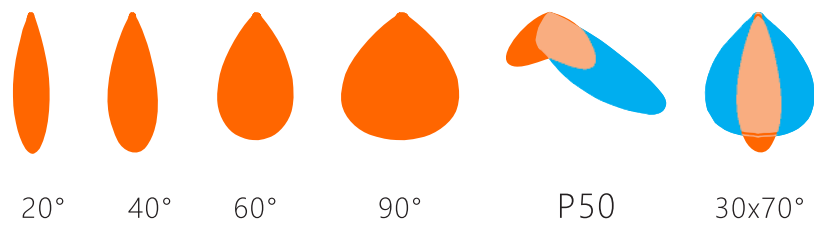
Model NO.	Power (W)	Luminous Flux 170lm/W
XJ-FLX100W	100	17000
XJ-FLX200W	200	34000
XJ-FLX300W	300	51000
XJ-FLX400W	400	68000

AC Input : 100-277V 50/60Hz
Brand of LED Driver : MEAN WELL/ SOSEN(400W)
Light Source : 5050
CRI Range : Ra>70
CCT Range : NW(4000K) CW(5700K)
WW(3000K)(Optional) DW(5000K)(Optional)
Light Efficiency : 170±5% Lm/W
Beam Angle : 20°/ 40°/ 60°/ 90°/ P50/ 30x70°
Housing : Aluminum Alloy
Waterproof : IP66 & IK08
L80B20@25°C : >100000H
PF:≥0.95 THD<15% Power Efficiency:≥0.9
Certifications: TUV, CE, CB, SAA
Warranty : 5 Years

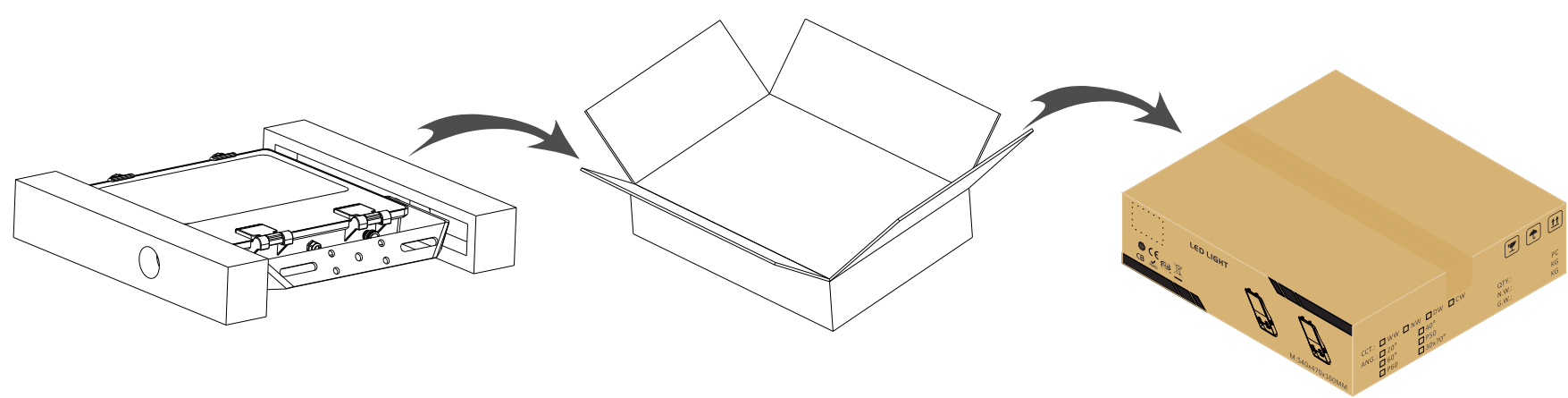
Above lumens based on 4000K Ra:70



Light distribution curve



Package



Model	Qty.	N.W.(kg)	G.W.(kg)	Meas(mm)
XJ-FLX100W-*/ XJ-FLX200W-*	1Pc/ctn	5.3	6.5	530x420x160
XJ-FLX300W-*	1Pc/ctn	6.8	8.3	540x470x160
XJ-FLX400W-*	1Pc/ctn	8.7	10.5	610x530x160

Mounting accessories



A03



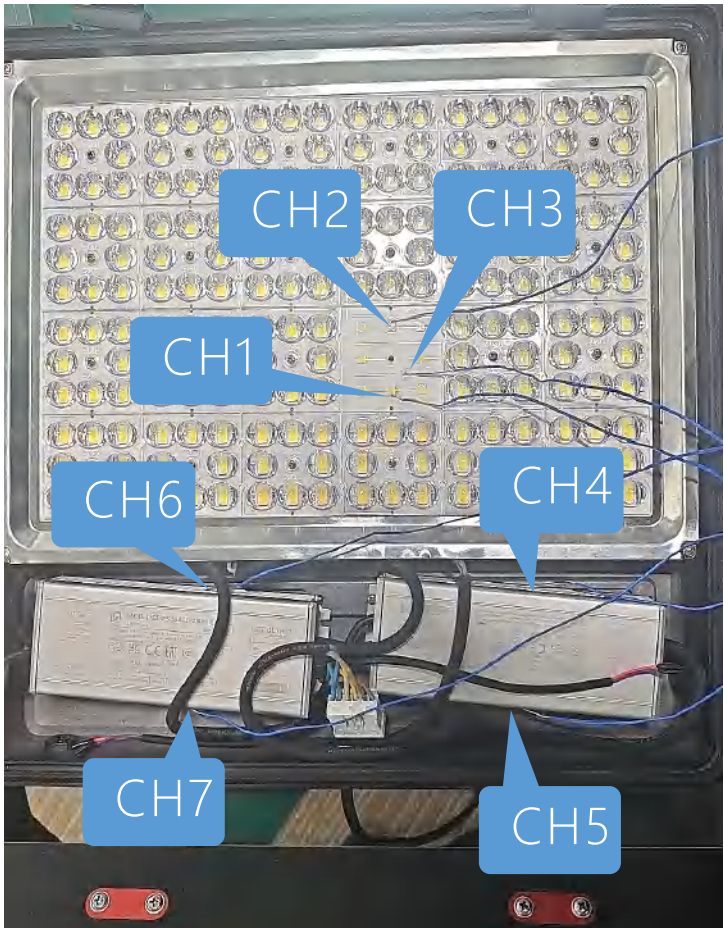
A04



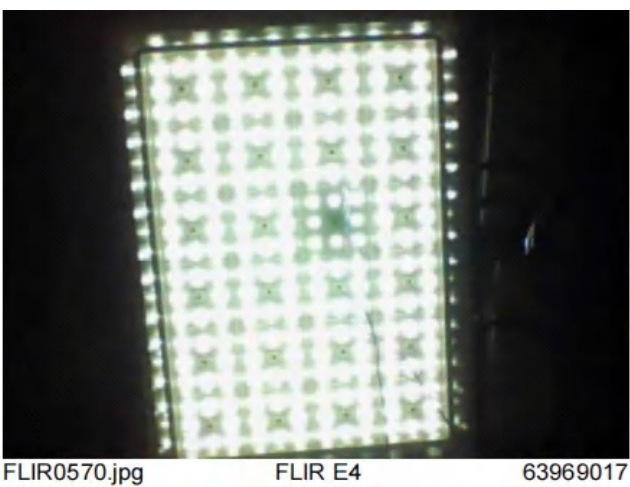
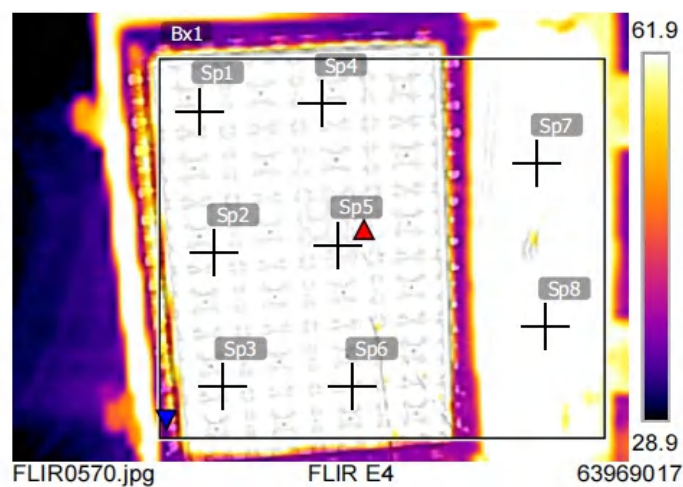
A08

accessories	image	material	dimensions	weight	accessory use
Optional	A03	carbon steel	850x103x80mm	3.7kg	Installation on top of lamp pole
Optional	A04	carbon steel	350x174x50mm	1.0kg	Wall corner mounted lamp
Optional	A08	aluminium	/	0.2kg	Reduce light pollution

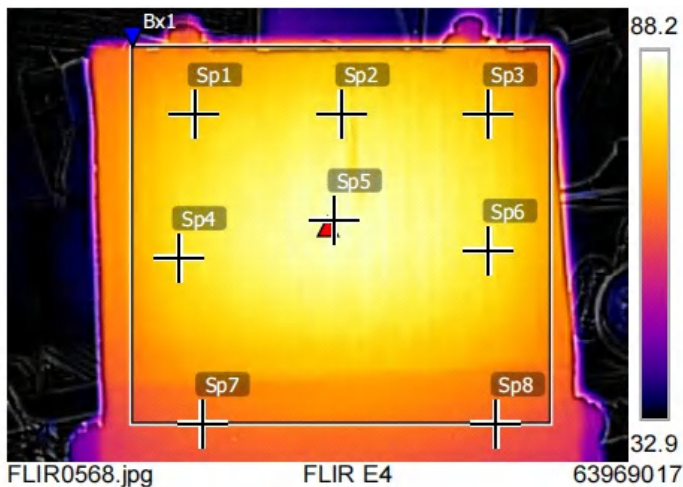
Temperature rise test



	Positive	Cathode	PCB	Driver	Driver	Driver	Driver	Housing
Time	Ch1	Ch2	Ch3	Ch4	Ch5	Ch6	Ch7	Ch8
13: 30	88. 2°C	88. 8°C	85. 8°C	76. 6°C	76. 2°C	73. 6°C	74. 9°C	83. 3°C
14: 00	88. 4°C	88. 9°C	86. 1°C	76. 3°C	75. 9°C	73. 5°C	74. 8°C	83. 7°C
14: 30	88. 5°C	89. 1°C	86. 0°C	76. 5°C	76. 2°C	73. 6°C	74. 7°C	83. 7°C
15: 00	88. 0°C	88. 6°C	86. 0°C	76. 4°C	76. 0°C	73. 5°C	74. 9°C	83. 3°C
15: 30	88. 3°C	88. 7°C	86. 2°C	76. 3°C	75. 8°C	73. 4°C	74. 5°C	83. 6°C
16: 00	88. 2°C	88. 8°C	86. 1°C	76. 3°C	76. 2°C	73. 6°C	74. 9°C	83. 3°C
16: 30	88. 0°C	88. 6°C	86. 0°C	76. 4°C	76. 0°C	73. 5°C	74. 9°C	83. 3°C
17: 00	88. 5°C	89. 1°C	86. 2°C	76. 3°C	76. 2°C	73. 6°C	74. 8°C	83. 7°C



E1			Measurements °C							
Max	Min	Avg	SP1	SP2	SP3	SP4	SP5	SP6	SP7	SP8
87.1	35.5	71.2	69.9	76.1	72.3	73.8	84.3	77.1	76.6	71.1



E1			Measurements °C							
Max	Min	Avg	SP1	SP2	SP3	SP4	SP5	SP6	SP7	SP8
86.7	61.5	77.7	77.1	82.2	77.9	79.2	86.3	81.4	65.8	64.5

Installation

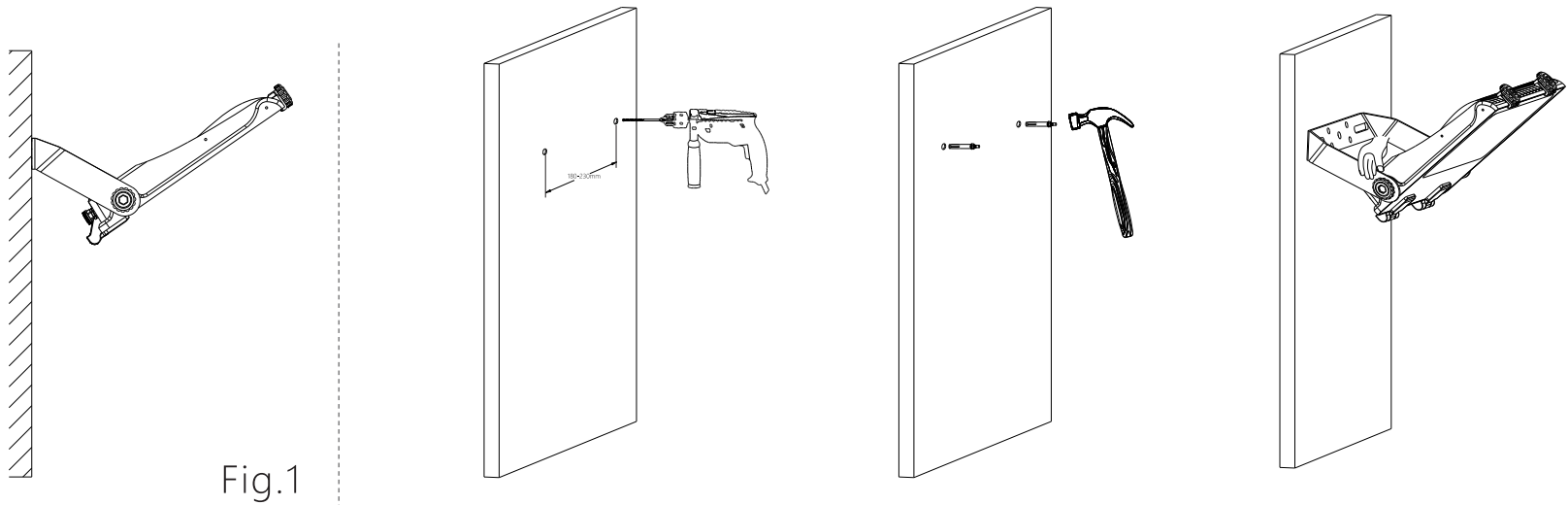


Fig.1

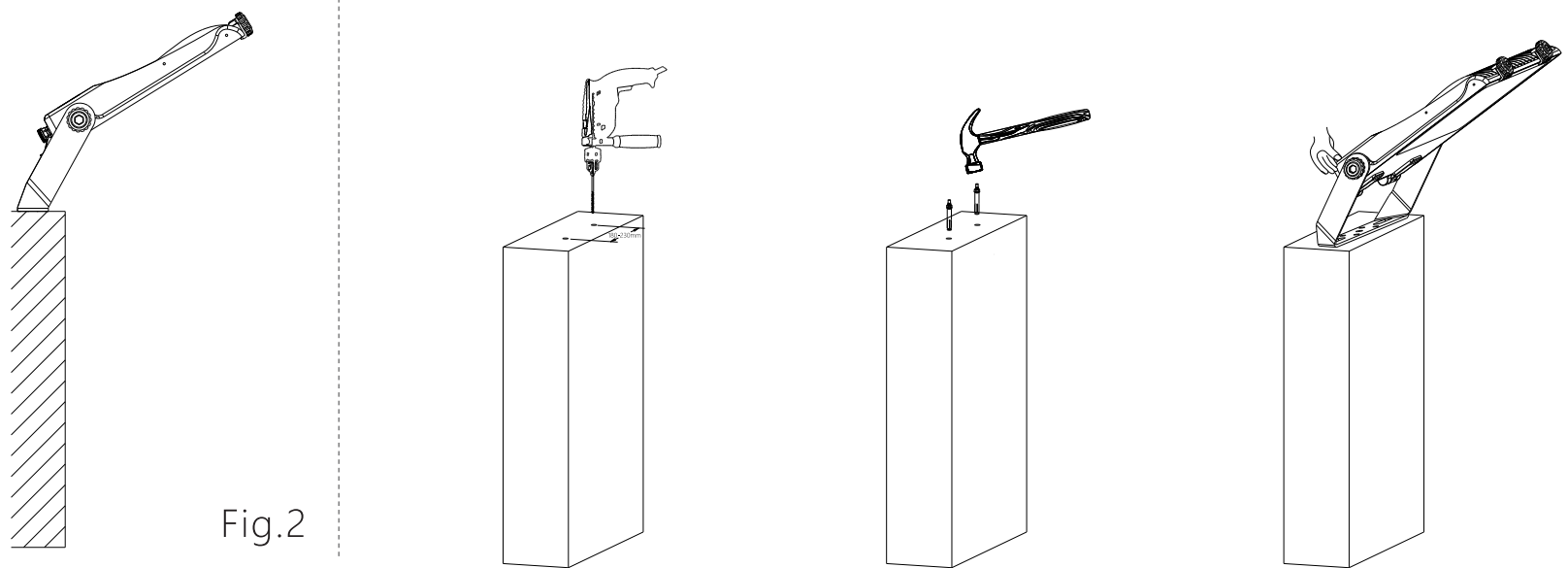
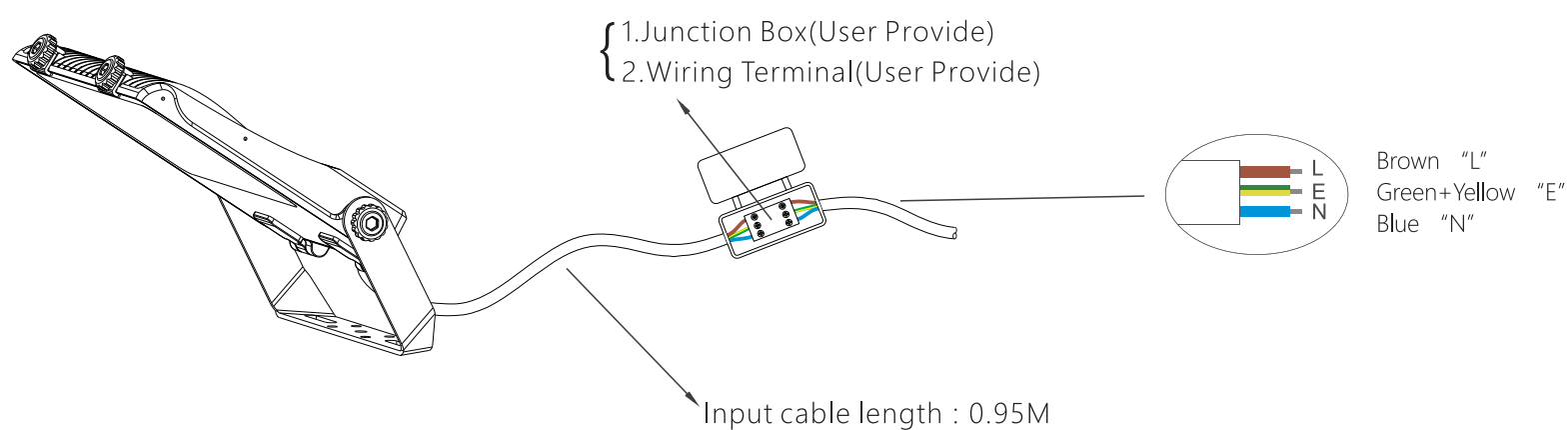


Fig.2



Installation steps

- A :Punch two holes with a spacing of 100-190mm
- B : Install the setscrews.
- C: Put the lamp card into the setscrews and lock it tightly.
- D. Connect the power cable.
- E: Adjust the lamp angle and clean it.

Note: Plesae make sure the power off before opertion, Installation must be performed by skilled electrician who are familiar with the requirements and proper installation methods of LED luminaire In order to avoid damage or hazard:

If the external flexible cable or cord of this luminaire is damaged, it shall be replaced by a special cord or cord exclusively available from the manufacturer or his service agent.

The light source contained in this luminaire shall only be replaced by a qualified person.