ULTRAFLOOD ECO series

CB · EN EC 25 · CE · RoHS · SAA APPROVALS®

80W/100W/
120W/150W

180W/200W/240W

260W/280W/300W

Small: LT-FLX80W，LT-FLX100W，LT-FLX120W，LT-FLX150W

Medium: LT-FLX180W，LT-FLX200W，LT-FLX240W
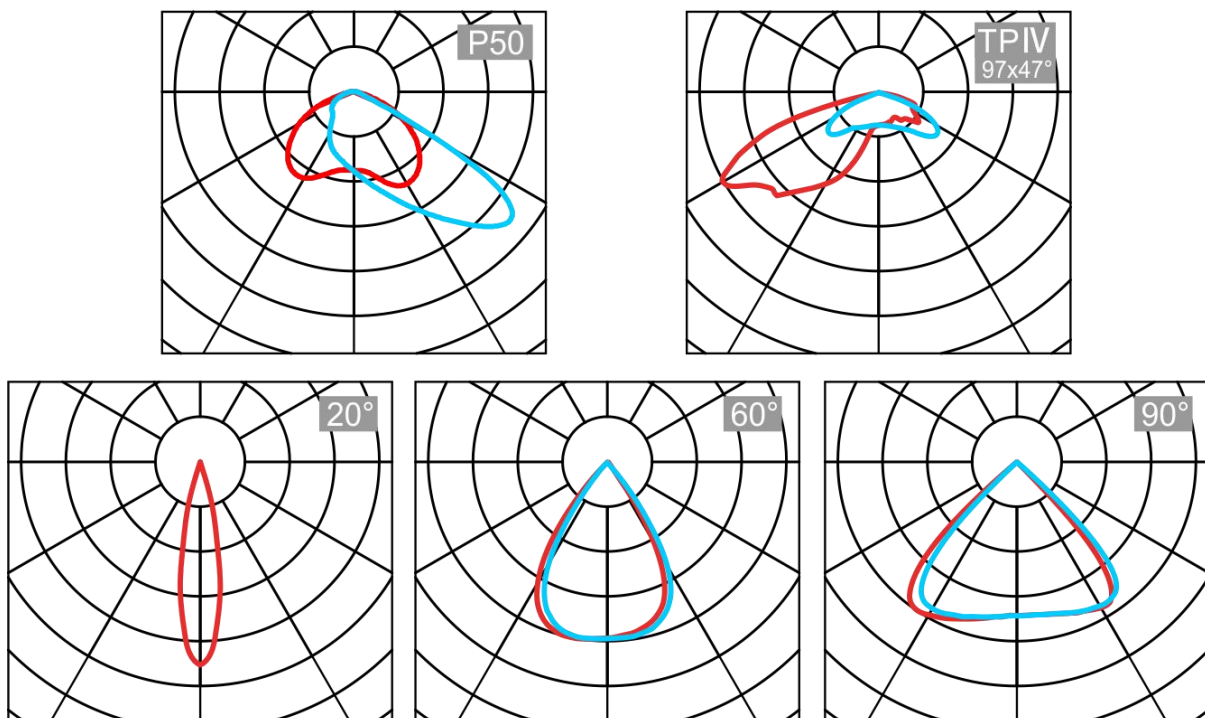
Large: LT-FLX260W，LT-FLX280W，LT-FLX300W

Features

Ultraflood Eco 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.

Products using Philips Light Source and MEAN WELL Constant Current Power Driver, L80B20 can reach more than 50,000 hours. Tempered Glass and Polycarbonate Optical Lens, Protection level up to IK08 and IP66.

Photometry

Wide choice of optics to suit more applications (asymmetrical and symmetrical).
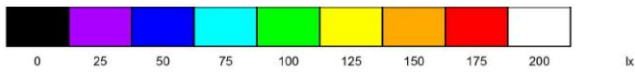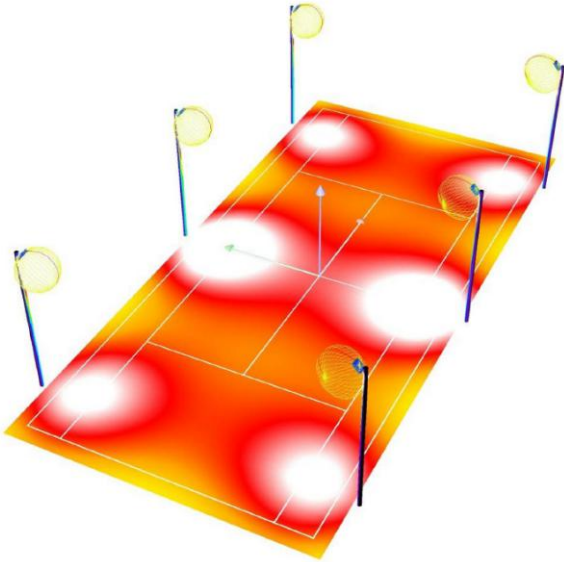
Specifications

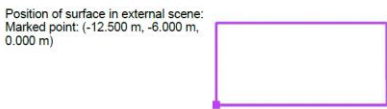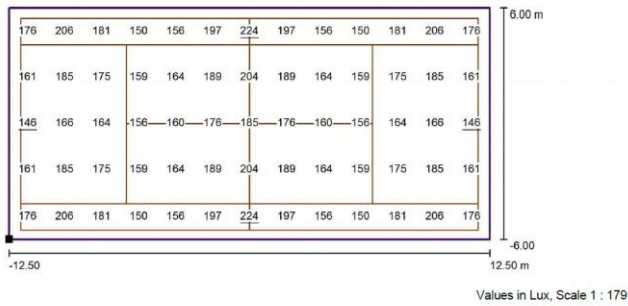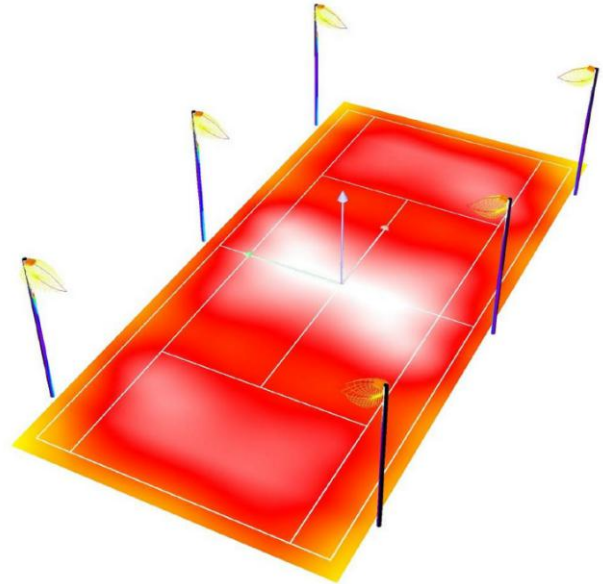| Item NO.	LTJ-FLX80W / LT-FLX100W / LT-FLX120W/ LT-FLX150W LT-FLX180W / LT-FLX200W/ LT-FLX240W LT-FLX260W / LT-FLX280W / LT-FLX300W
Brand of LED Chips	LUMILEDS LED （5050）
Brand of LED Driver	MeanWell
Driver Type	Constant Current (CC)
Input Voltage &Frequency	100-305Vac 50/60Hz
Luminous Flux	Up to 42000LM /300W
LED Luminaire Efficacy	>140LM/W
Housing	Aluminum Alloy
Finish	Powder Coating
Fixture Color	Black
Optics	Tempered Glass and Polycarbonate Optical Lens
IP/IK Rating	IP66/IK08
Operating Temperature	-40°C - +50℃
Dimmable	Dimmable and Non-dimmable
L80B20@25℃	>50.000H
Intelligent Control	DALI / Zigbee / Photocell
Beam Angle	20°、60°、90°、TPⅣ(97x47°)、P50
Certifications	CB, ENEC, CE, ROHS, SAA
Warranty	5 Years

Note: Light optic with a little deviation for different color temperature LED ， deviation value≤10%

Dialux Simulation Comparison

200W ordinary 120°
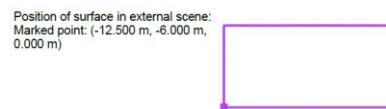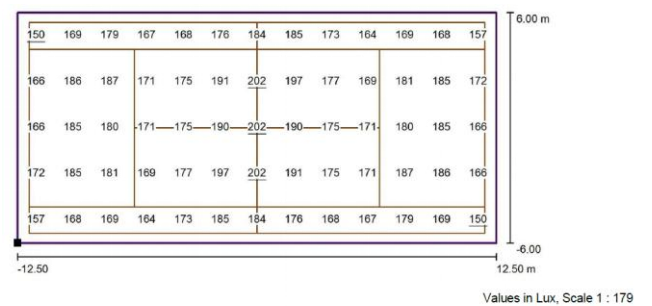

150W asymmetrical P50

176	206	181	150	156	197	224	197	156	150	181	206	176
161	185	175	159	164	189	204	189	164	159	175	185	161
146	166	164	156	160	176	185	176	160	156	164	166	146
161	185	175	159	164	189	204	189	164	159	175	185	161
176	206	181	150	156	197	224	197	156	150	181	206	176

Values in Lux, Scale 1 : 179

Position of surface in external scene:
Marked point: (-12.500 m, -6.000 m, 0.000 m)

Grid: 13 x 5 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0	E_{min} / E_{max}
175	146	224	0.83	0.65

150	169	179	167	168	176	184	185	173	164	169	168	157
166	186	187	171	175	191	202	197	177	169	181	185	172
166	185	180	171	175	190	202	190	175	171	180	185	166
172	185	181	169	177	197	202	191	175	171	187	186	166
157	168	169	164	173	185	184	176	168	167	179	169	150

Values in Lux, Scale 1 : 179

Position of surface in external scene:
Marked point: (-12.500 m, -6.000 m, 0.000 m)

Grid: 13 x 5 Points

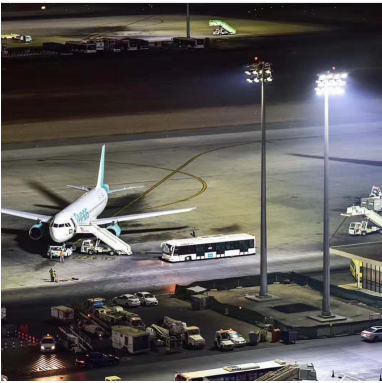| E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0	E_{min} / E_{max}
176	150	202	0.85	0.75

Standard tennis courts 36*18M, install height is 6M

LED 150W asymmetrical P50   average lux is 176lx, u0 = 0.85,u1=0.75

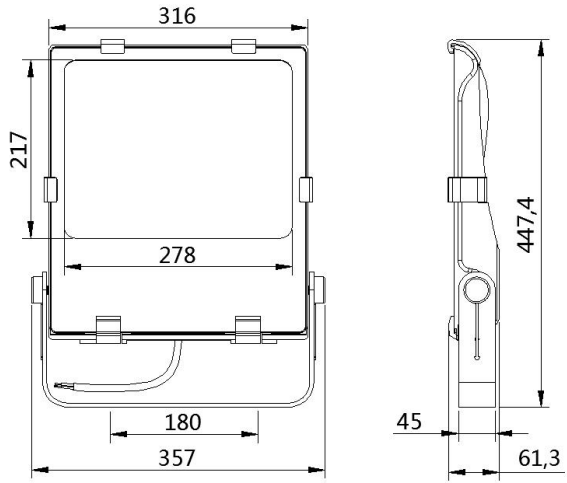LED 200W ordinary 120° average lux is 175lx only, u0 = 0.83,u1=0.65
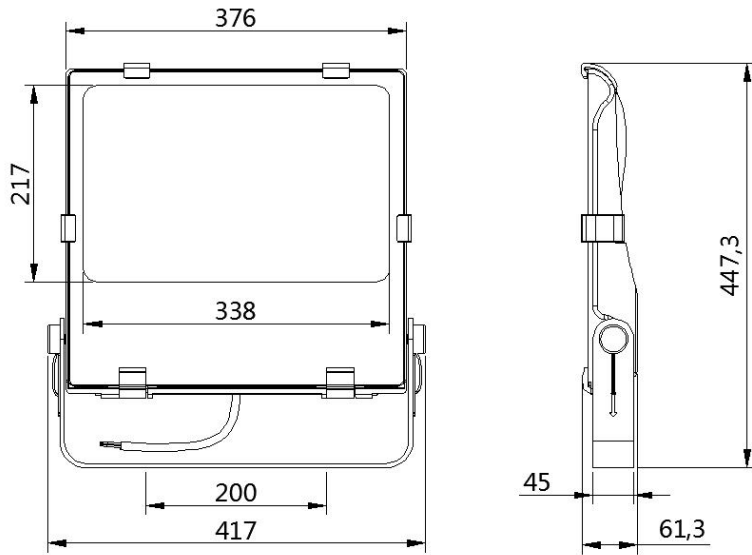
Lower watt but better performance!

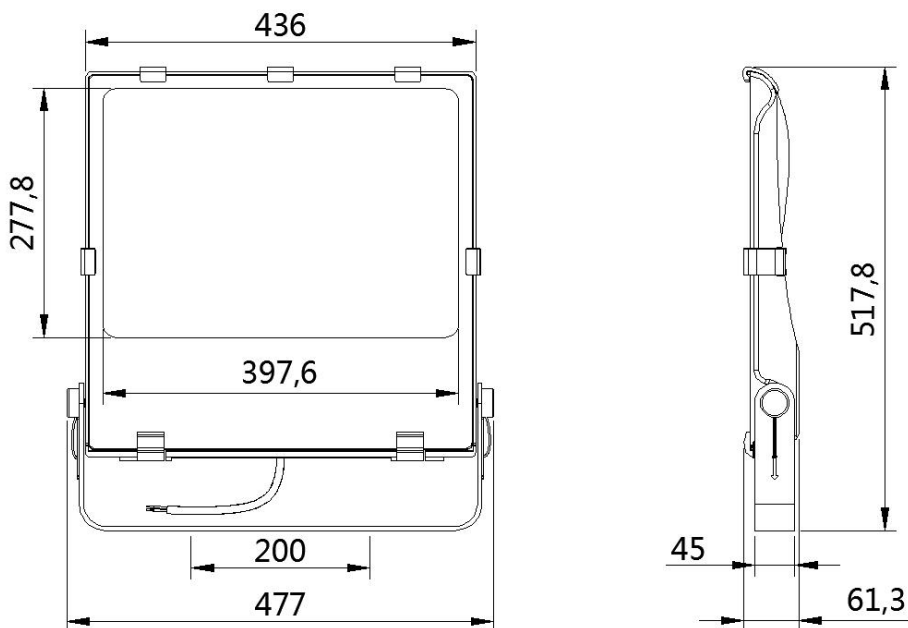![LiteTime - LED Innovation Technology & Engineering]

Applications

Dimension

Small Size

316
217
278
180
357
447,4
45
61,3

Medium Size

376
217
338
200
417
447,3
45
61,3

Big Size

436
277,8
397,6
200
477
517,8
45
61,3

Packing
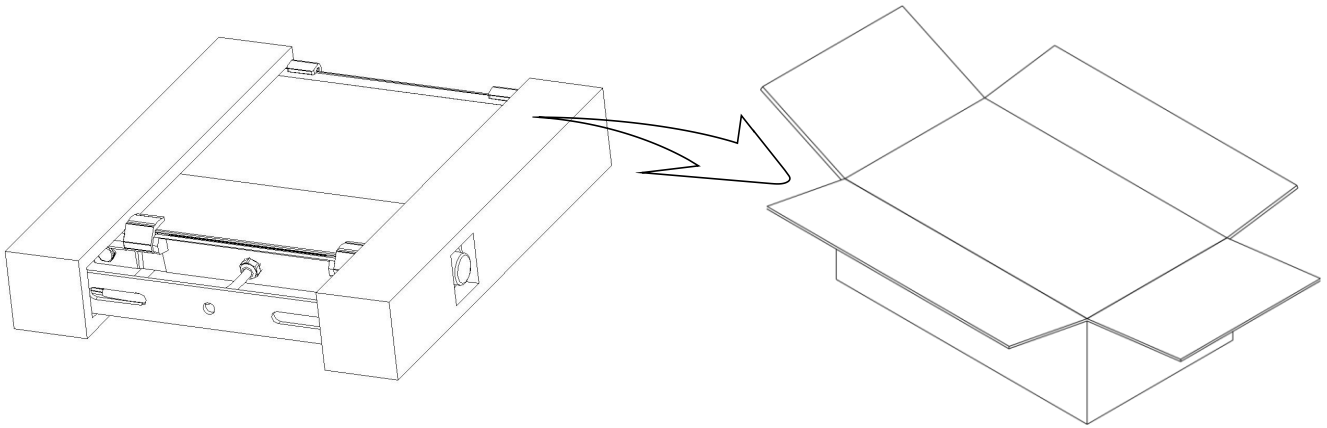
Model	Carton Size	Qty.	G.W.
80W/100W/ 120W/150W	48.2x37.0x11.0 cm	1PCS/CTN	6.0Kg
180W/200W/240W	48.2x43.0x11.0 cm	1PCS/CTN	7.0Kg
260W/280W/300W	55.3x49.0x11.0cm	1PCS/CTN	10.0Kg