



Flood Light



Features:

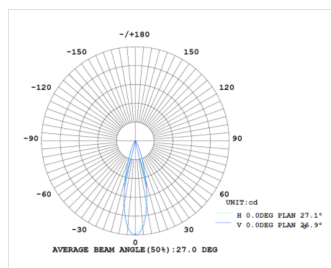
- Power: Up to 600W
- Efficacy: Up to 150lm/w
- LED Chip: SMD2835 | SMD3030
- SDCM: <5
- Beam Angle: 30° | 60° | 90° | 120°
- IP Rating: IP66
- Controls: Microwave | PIR | DALI | DMX512
- Installation: Bracket
- Warranty: 5 Years

Application : Sports venues /Plazas and parks / Construction sites / Building facades / parking lots / Airports etc.

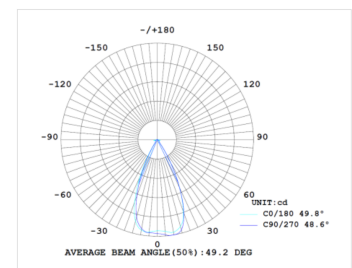


Photometry

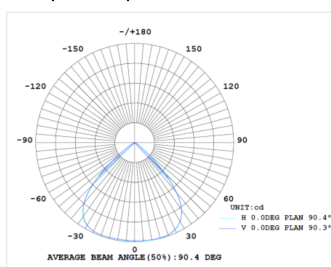
30°(PC lens)



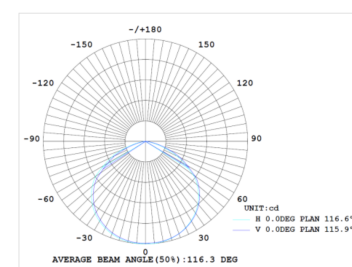
60°(PC lens)



90°(PC lens)



120° Glass Cover





Light housing and beam angle



30° | 60° | 90°



120°

Product Data

Model Number	FL20-50	FL20-100	FL20-150	FL20-200	FL20-240	FL20-300	FL20-400	FL20-600
Power	50W	100W	150W	200W	240W	300W	400W	600W
Lumen output	7,500lm	15,000lm	22,500lm	30,000lm	36,000lm	45,000lm	60,000lm	90,000lm
Lumnuos Efficacy	150lm/w							
CCT	3000K 4000K 5000K 5700K 6500K							
CRI	Ra≥70 (Ra≥80 optional)							
Input Voltage	120 to 277 VAC; 50Hz 60Hz							
Housing Color	Gray Black							
Housing Material	Aluminum, Glass, PC							
IP Rating	IP65							
Operating Temperature	-30°C to +50°C							
Operating Humidity	10% to 90% RH							
Lifespan	100,000 hours							
Warranty	5 years							



ErP Technical Specification (25°C Operating Temperature)

Item	Specification & Data
Effeciency In	>90%
Power Factor	PF>0.90
Energy Effeciency Class	D
Standard Deviation of Color Matching	<5
Starting Time	<0.2S
Warm-up Time to 60%	<0.5S
Lumen Maintenance at e.o.l	>70%
Lifetime	L70/B10@100,000 hours

Packaging

Model No.	PCS/CTN	N.W	G.W	Volumetric Weight	Carton Size & Volume	20GP(28m³)	40HC/HQ (68m³)
FL20-50	10	2.5kg/pcs	28.0kg/ctn	21.0kg	L600xW485 xH360 mm ≈ 0.105 m3	266 pcs	1647 pcs
FL20-100	5	3.0kg/pcs	17.5kg/ctn	11.7kg	L485xW305 xH395 mm ≈ 0.058 m3	482 pcs	1,172 pcs
FL20-150	5	4.3kg/pcs	23kg/ctn	15.4kg	L485xW365 xH435 mm ≈ 0.077 m3	363 pcs	883 pcs
FL20-200	1	5.2kg/pcs	5.6kg	3.6kg	L470xW360 xH105 mm ≈ 0.018 m3	1,555 pcs	3,777 pcs
FL20-240	1	7.0kg/pcs	7.6kg	5.2kg	L550xW410 xH115 mm ≈ 0.026 m3	1,076 pcs	2,615 pcs
FL20-300	1	7.8kg/pcs	8.4kg	5.2kg	L550xW410 xH115 mm ≈ 0.026 m3	1,076 pcs	2,615 pcs
FL20-400	1	11.0kg/pcs	12.0kg	7.3kg	L620xW510 xH115 mm ≈ 0.036 m3	777 pcs	1,888 pcs
FL20-600	1	16.0kg/pcs	17.5kg	7.8kg	L658xW565 xH105 mm ≈ 0.039 m3	777 pcs	1,743 pcs

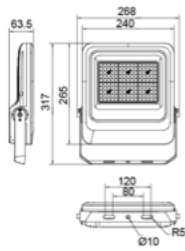
The weight of the products listed above is for reference only, the weight of different configuration products will be different



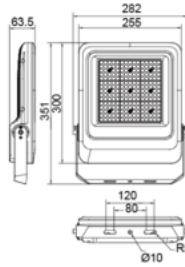
The Lighting Practice

Lumexa Series
Engineered Illumination

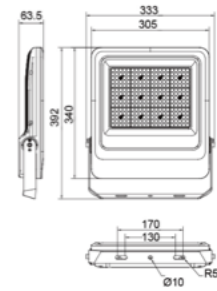
Dimension



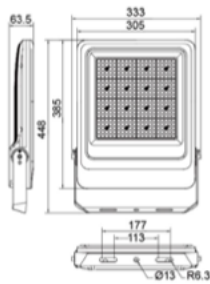
FL20-50



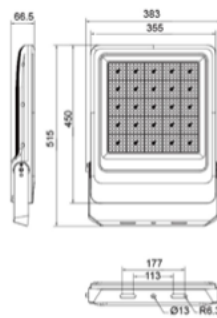
FL20-100



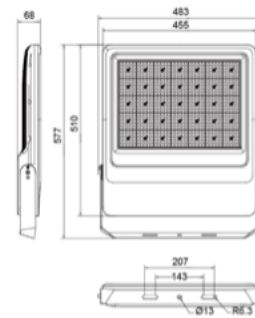
FL20-150



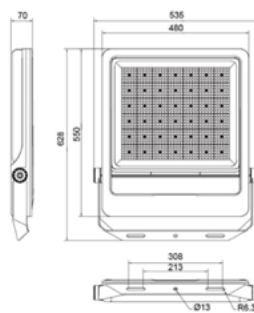
FL20-200



FL20-240|FL20-300



FL20-400



FL20-600