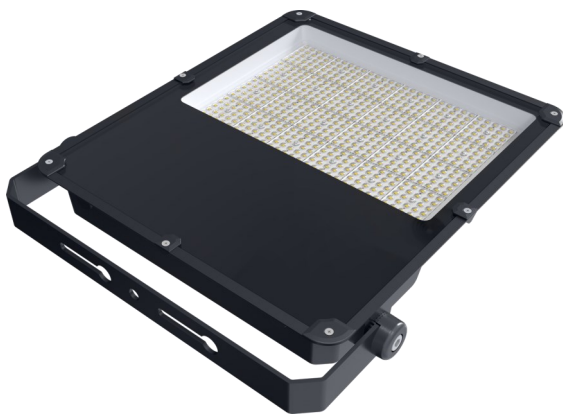


FLN Flood Light Datasheet



Key Features

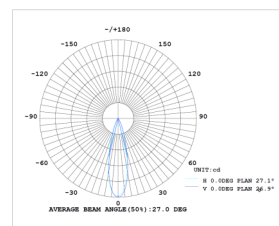
- ⇒ **Efficacy:** Up to 150 lm/w
- ⇒ **LED Chip:** SMD3030 | SMD2835
- ⇒ **SDCM:** <5
- ⇒ **Beam Angle:** 30° | 60° | 90° | Type II | Type III PC lens
120° Glass Cover
- ⇒ **Control:** Adjustable CCT & Adjustable power
- ⇒ **IP Rating:** IP65
- ⇒ **Installation:** Bracket
- ⇒ **Warranty:** 5 years

Application

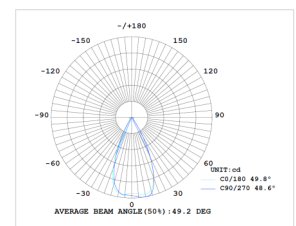
Shopping malls, exhibition halls, car parks, stadiums, stadiums, billboards, parks, sculpture, building facades and other indoor and outdoor lighting.

Photometry

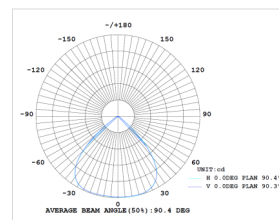
30° PC lens



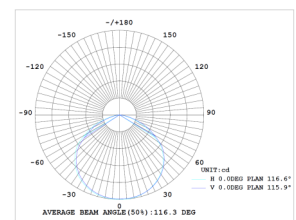
60° PC lens



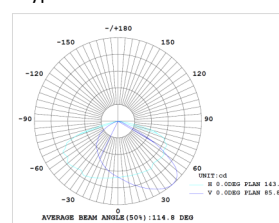
90° PC lens



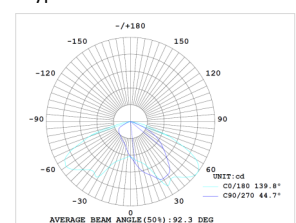
120° Glass Cover



Type II PC lens



Type III PC lens



FLN Flood Light Datasheet

Product Data

Model No.	FL050N	FL080N	FL100N	FL150N	FL200N	FL240N	FL300N
Power	50W	80W	100W	150W	200W	240W	300W
Adjustable Power	30W-50W	50W-80W	70W-100W	80W-150W	100W-200W	150W-240W	200W-300W
Lumen Output	7,500 lm	12,000 lm	15,000 lm	22,500 lm	30,000 lm	36,000 lm	45,000 lm
Luminous Efficacy	150 lm/w						
CCT	3000K 4000K 5000K 5700K 6500K; Adjustable CCT: 3000K 4350K 5700K						
CRI	Ra≥70 (Ra≥80 optional)						
Input Voltage	100-277 VAC 220-240 VAC; 50Hz 60Hz						
Housing Color	Black						
Housing Material	Aluminum, Glass, PC						
Operating temperature	-30°C to +50°C						
Operating humidity	10% to 90% RH						
Lifespan	100,000 hours						
Warranty	5 years						

ErP Technical Specification

Item	Specification/Data
Efficiency In	>90%
Power Factor	PF>0.90
Energy Efficiency Class	E(135lm/w); D(150lm/w)
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@100,000hours

Note: 1. The above parameters will have errors within the allowable range of relevant standards.
2. This specification book is for reference only. We retains the right to optimize and modify without pre -notification!

FLN Flood Light Datasheet

Mounting & Accessories

	UGR Reflector
	Black Steel
	Adjustable CCT Dial button
	Black / Gray Steel, PC

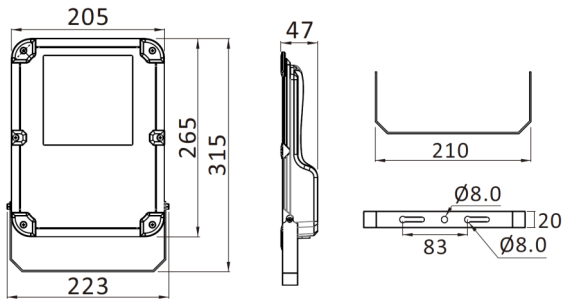
Packaging (UGR reflector not included)

Model No.	PCS/CTN	N.W	G.W	Volumetric Weight	Carton Size and Volume	20GP(28m³)	40HC/HQ(68m³)
FL050N	10	1.2 kg/pcs	15.5 kg/ctn	11.6 kg	L482xW336xH358 mm ≈ 0.058 m³	482 CTNS	1,172 CTNS
FL080N	10	1.4 kg/pcs	17.5 kg/ctn	11.6 kg	L482xW336xH358 mm ≈ 0.058 m³	482 CTNS	1,172 CTNS
FL100N	1	3.1 kg	3.7 kg	2.5 kg	L385xW355xH90 mm ≈ 0.012 m³	2,333 CTNS	5,666 CTNS
FL150N	1	4.1 kg	4.8 kg	3.0 kg	L425xW390xH90 mm ≈ 0.015 m³	1,866 CTNS	4,533 CTNS
FL200N	1	5.0 kg	5.8 kg	3.2 kg	L420xW415xH90 mm ≈ 0.016 m³	1,750 CTNS	4,250 CTNS
FL240N	1	5.2 kg	6.0 kg	3.2 kg	L420xW415xH90 mm ≈ 0.016 m³	1,750 CTNS	4,250 CTNS
FL300N	1	6.0 kg	7.3 kg	4.6 kg	L505xW460xH100 mm ≈ 0.023 m³	1,217 CTNS	2,956 CTNS

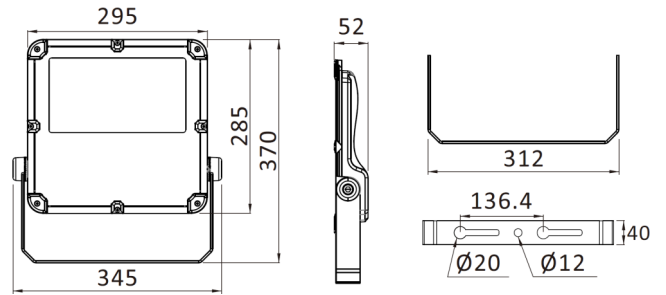
Remarks: The weight of the above products is for reference only, and the weight of different configuration products will be different.

FLN Flood Light Datasheet

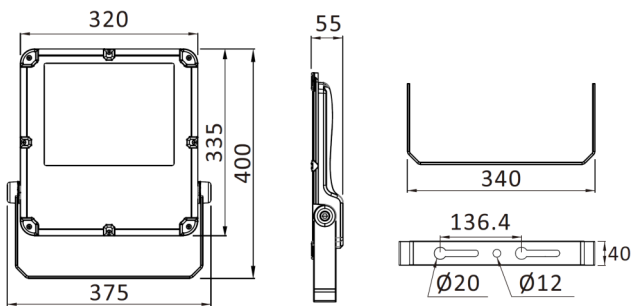
Dimension (unit: mm)



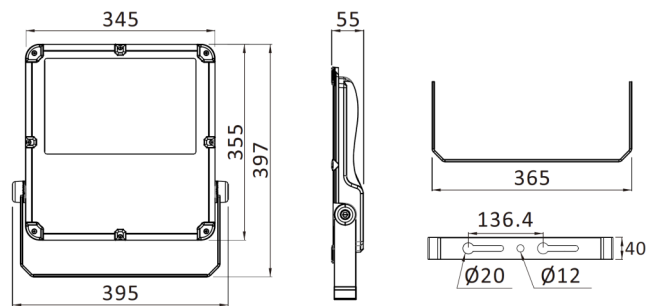
FL050N/FL080N



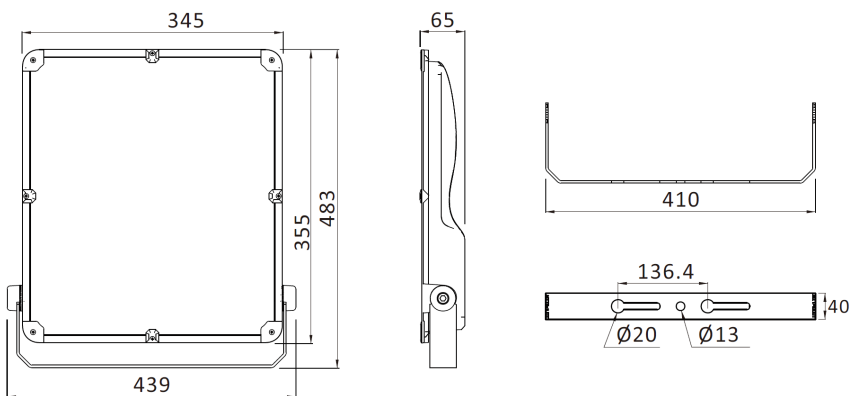
FL100N



FL150N



FL200N/FL240N



FL300N