

LED Flood Light Series

LFL1/LFL3



35~210W



Ra >70



50,000 hrs



~115 lm/W



115°/80~95°



IP65



FEATURES

IP65 Waterproof Design

- * Suitable for outdoor use
- * Special mechanical design to prevent water trapping
- * Die cast aluminum housing with polyester powder coating provides excellent protection against rust

Adjustable Irradiation Angle

- * Use as an uplight or downlight makes it ideal for variety of applications
- * Simple and compact design makes it easy to be installed

Longer Lifetime

- * Utilize top brand LED chips for longer life and superior output maintenance.

Special Optical Design

- * Achieve uniform light distribution
- * Tempered glass: heat resistant and impact resistant

SPECIFICATION

LFL1 (Symmetrical Light Distribution)

Model	Power	Luminous Flux	Color Temp.	CRI	Beam Angle	Input Voltage	Input Current	Luminous Efficiency	Lifetime	Weight	Wattage Equivalent (Mercury Lamp)
LFL1035A	35W	3570 lm	6500 K	> 70	115 °	110 - 240V	0.13 - 0.55 A	102 lm/w	50,000 hrs	2.2 Kg	125W
LFL1035B		3570 lm	5000 K					102 lm/w			
LFL1035C		3500 lm	4000 K					100 lm/w			
LFL1035D		3185 lm	3000 K					91 lm/w			
LFL1046A	46W	4830 lm	6500 K	> 70	115 °	110 - 240V	0.18 - 0.65 A	105 lm/w	50,000 hrs	2.2 Kg	150W
LFL1046B		4830 lm	5000 K					105 lm/w			
LFL1046C		4738 lm	4000 K					103 lm/w			
LFL1046D		4370 lm	3000 K					95 lm/w			



Application



Yard



Street



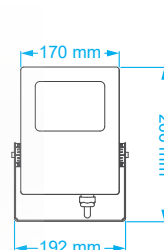
Landscape



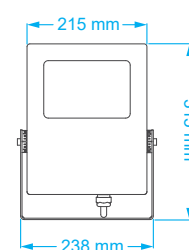
Gymnasium



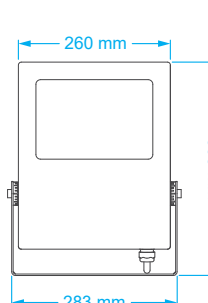
Billboard



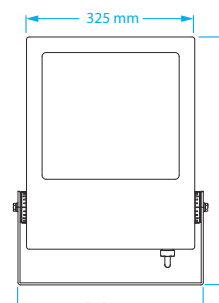
35W / 46W



75W



120W



210W

Installation Method



Ground mount



Wall mount

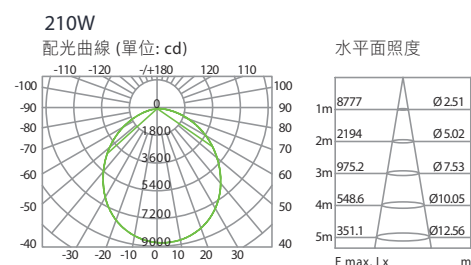
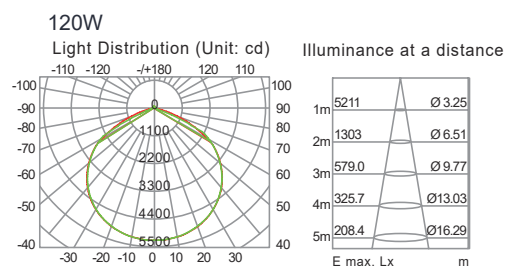
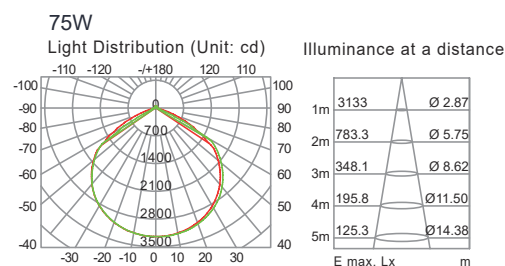
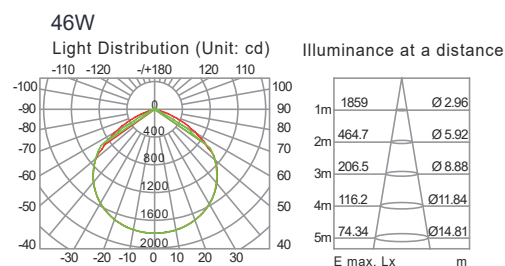
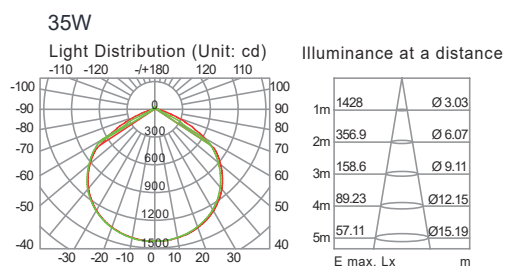


Pole mount

LFL1 (Symmetrical Light Distribution)

Model	Power	Luminous Flux	Color Temp.	CRI	Beam Angle	Input Voltage	Input Current	Luminous Efficiency	Lifetime	Weight	Wattage Equivalent (Mercury Lamp)
LFL1075A	75W	8025 lm	6500 K	> 70	115 °	110 - 240V	0.3 - 0.85 A	107 lm/w	50,000 hrs	3.4 Kg	250W
LFL1075B		8025 lm	5000 K					107 lm/w			
LFL1075C		7875 lm	4000 K					105 lm/w			
LFL1075D		7125 lm	3000 K					95 lm/w			
LFL1120A	120W	13800 lm	6500 K	> 70	115 °	110 - 240V	0.56 - 1.5 A	115 lm/w	50,000 hrs	4.6 Kg	450W
LFL1120B		13800 lm	5000 K					115 lm/w			
LFL1120C		13200 lm	4000 K					110 lm/w			
LFL1120D		12240 lm	3000 K					102 lm/w			
LFL1210A	210W	23730 lm	6500 K	> 70	115 °	110 - 240V	0.84 - 2.3 A	113 lm/w	50,000 hrs	11.2 Kg	785W
LFL1210B		23730 lm	5000 K					113 lm/w			
LFL1210C		23100 lm	4000 K					110 lm/w			
LFL1210D		22050 lm	3000 K					105 lm/w			

* Data based on available wattages and LED solutions.



LFL3 (Asymmetric Light Distribution)

Model	Power	Luminous Flux	Color Temp.	CRI	Beam Angle	Input Voltage	Input Current	Luminous Efficiency	Lifetime	Weight	Wattage Equivalent (Mercury Lamp)
LFL3035A	35W	3570 lm	6500 K	> 70	95 °	100 - 240V	0.13 - 0.55 A	100 lm/w	50,000 hrs	2.2 Kg	125W
LFL3035B		3570 lm	5000 K					100 lm/w			
LFL3035C		3500 lm	4000 K					98 lm/w			
LFL3035D		3185 lm	3000 K					89 lm/w			
LFL3046A	46W	4830 lm	6500 K	> 70	90 °	100 - 240V	0.18 - 0.65 A	103 lm/w	50,000 hrs	2.2 Kg	150W
LFL3046B		4830 lm	5000 K					103 lm/w			
LFL3046C		4738 lm	4000 K					101 lm/w			
LFL3046D		4370 lm	3000 K					93 lm/w			
LFL3075A	75W	8025 lm	6500 K	> 70	80 °	100 - 240V	0.3 - 0.85 A	105 lm/w	50,000 hrs	3.4 Kg	250W
LFL3075B		8025 lm	5000 K					105 lm/w			
LFL3075C		7875 lm	4000 K					103 lm/w			
LFL3075D		7125 lm	3000 K					93 lm/w			
LFL3120A	120W	13800 lm	6500 K	> 70	90 °	100 - 240V	0.56 - 1.5 A	113 lm/w	50,000 hrs	4.6 Kg	450W
LFL3120B		13800 lm	5000 K					113 lm/w			
LFL3120C		13200 lm	4000 K					108 lm/w			
LFL3120D		12240 lm	3000 K					100 lm/w			

* Data based on available wattages and LED solutions.

