



▼ Characteristic

1. Precise Optics
 - Advanced lens and reflector system with customizable beam angles (e.g. 5°, 10°, 30°, 60°).
 - Uniform illumination with minimal glare.
2. Flexible Customization
 - Multiple mounting options and accessories (anti-glare shields, honeycomb louvres).
 - Dimmable and smart system compatible (e.g., DALI, DMX512).
3. Durable Build
 - IP66-rated for water/dust resistance, IK08 impact protection.
 - Operates reliably in -20°C to +40°C environments.
4. Energy Efficient & Eco-friendly
 - High-efficiency LEDs with 50,000+ hours lifespan.
 - Modular, recyclable design with low energy consumption.
5. Versatile Applications
 - Perfect for facades, bridges, landscapes, and commercial spaces.
 - Adjustable lighting effects for diverse project needs.



IP66


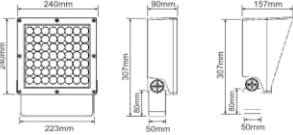

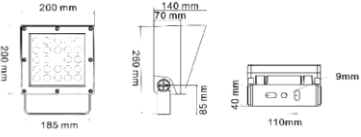

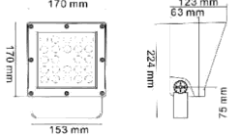

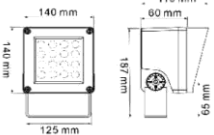

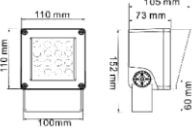
▼ Application

Indoor/Outdoor Occasion such as Building Facades, Bridges, Gardens and Green Spaces, Landmark Features, Commercial Areas, Water Features, Theme Parks and Entertainment Facilities, Urban Streetscapes, Airports and Stations, Sports Venues and etc.

▼ "Non-dim/dim" and "Mono/Tunable white/chromatic" is available, PIs confirm before ordering.



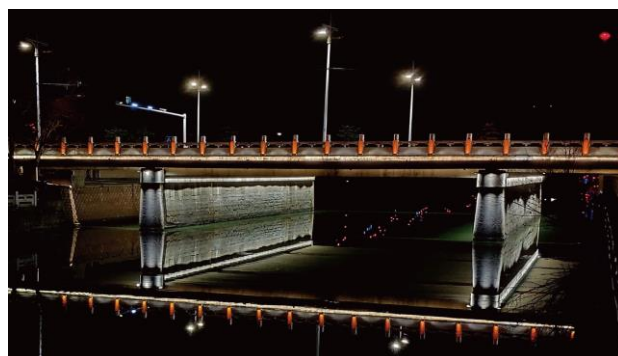
▼ Family Matrix (Four sizes)

 	FL-10A-54
 	FL-10B-48
 	FL-10C-36
 	FL-10D-18
 	FL-10E-12

▼ Simulation



▼ Project



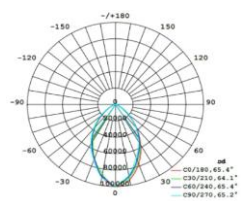
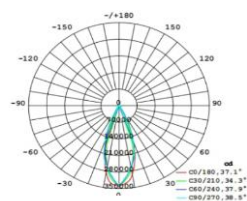
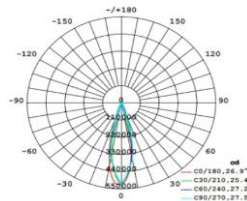
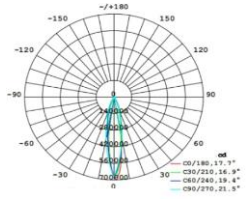
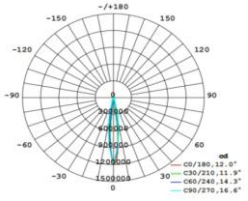
▼ Technical Data (full sery)

Model	SIZE (mm)	POWER (W/M)	CRI	CCT (K)	LUMINOUS (LM/W)	B.angle	VOLT	Control	N.G	Remark
FL-10A-54	L240xW240xH307mm	54 W	> 80	3000K-5700K	120 LM/W	5/10/15/30/45/60/10 X30/10X60°	AC85-265V	ON/OFF	/	Standard 1m cable
FL-10A-72	L240xW240xH307mm	72 W	/	Chromatic (RGB)	45 LM/W	5/10/15/30/45/60/10 X30/10X60°	AC85-265V	DMX512	/	Standard 1m cable
FL-10A-108	L240xW240xH307mm	108 W	/	Chromatic (RGBW)	45 LM/W	5/10/15/30/45/60/10 X30/10X60°	AC85-265V	DMX512	/	Standard 1m cable
FL-10B-48	L200xW200xH260mm	48 W	> 80	3000K-5700K	120 LM/W	5/10/15/30/45/60/10 X30/10X60°	AC85-265V	ON/OFF	/	Standard 1m cable
FL-10B-72	L200xW200xH260mm	72 W	/	Chromatic (RGB)	45 LM/W	5/10/15/30/45/60/10 X30/10X60°	AC85-265V	DMX512	/	Standard 1m cable
FL-10B-96	L200xW200xH260mm	96 W	/	Chromatic (RGBW)	45 LM/W	5/10/15/30/45/60/10 X30/10X60°	AC85-265V	DMX512	/	Standard 1m cable
FL-10C-36	L170xW170xH224mm	36 W	> 80	3000K-5700K	120 LM/W	5/10/15/30/45/60/10 X30/10X60°	AC85-265V	ON/OFF	/	Standard 1m cable
FL-10C-48	L170xW170xH224mm	48 W	/	Chromatic (RGB)	45 LM/W	5/10/15/30/45/60/10 X30/10X60°	AC85-265V	DMX512	/	Standard 1m cable
FL-10C-72	L170xW170xH224mm	72 W	/	Chromatic (RGBW)	45 LM/W	5/10/15/30/45/60/10 X30/10X60°	AC85-265V	DMX512	/	Standard 1m cable
FL-10D-18	L140xW140xH187mm	18 W	> 80	3000K-5700K	120 LM/W	5/10/15/30/45/60/10 X30/10X60°	AC85-265V	ON/OFF	/	Standard 1m cable
FL-10D-24	L140xW140xH187mm	24 W	/	Chromatic (RGB)	45 LM/W	5/10/15/30/45/60/10 X30/10X60°	AC85-265V	DMX512	/	Standard 1m cable
FL-10D-36	L140xW140xH187mm	36 W	/	Chromatic (RGBW)	45 LM/W	5/10/15/30/45/60/10 X30/10X60°	AC85-265V	DMX512	/	Standard 1m cable
FL-10E-12	L110xW110xH152mm	12 W	> 80	3000K-5700K	120 LM/W	5/10/15/30/45/60/10 X30/10X60°	AC85-265V	ON/OFF	/	Standard 1m cable
FL-10E-18	L110xW110xH152mm	18 W	/	Chromatic (RGB)	45 LM/W	5/10/15/30/45/60/10 X30/10X60°	AC85-265V	DMX512	/	Standard 1m cable
FL-10E-24	L110xW110xH152mm	24 W	/	Chromatic (RGBW)	45 LM/W	5/10/15/30/45/60/10 X30/10X60°	AC85-265V	DMX512	/	Standard 1m cable

--	--	--	--	--	--	--	--	--	--

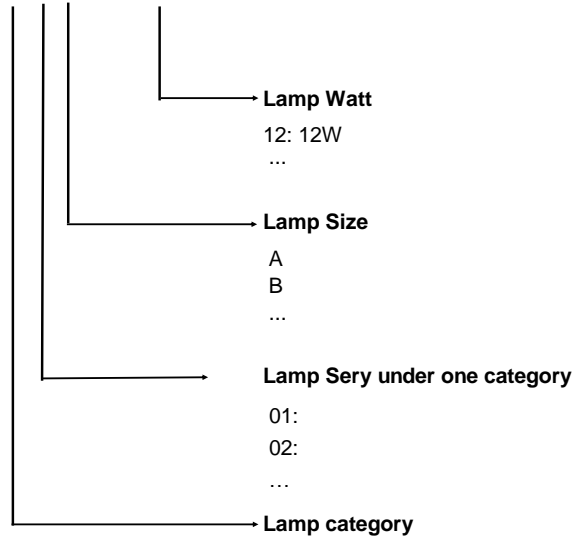
- ↳ Notes:
1. Finish: Black, and customized RAL available
 2. It has five different sizes from 12W-54W.

▼ Photometric curve



▼ Naming scheme

FL-01A-12



FL: Flood Light
IG: Inground Light
UW: Underwater Light
WW: Wall Washer
LL: Linear Light
WL: Wall Light
DOT: Point Light