



### ▼ 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

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, Pls confirm before ordering.



ON/OFF

0-10V DALI

### ▼ Family Matrix ( Four sizes )

	<b>FL-09A-120</b>
	<b>FL-09B-60</b>
	<b>FL-09C-48</b>
	<b>FL-09D-24</b>
	<b>FL-09E-18</b>

▼ Simulation

▼ Project



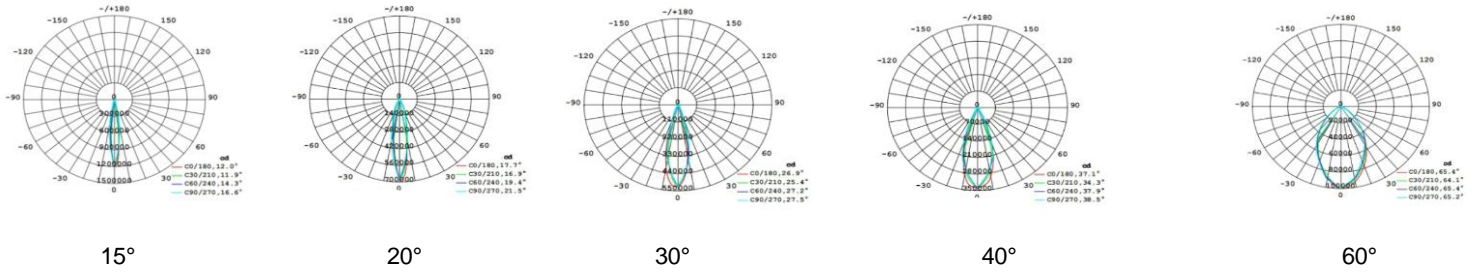
▼ Technical Data (full sery)

Model	SIZE (mm)	POWER (W/M)	CRI	CCT (K)	LUMINOUS (LM/W)	B.angle	VOLT	Control	N.G	Remark
FL-09A-120	φ320XH410mm	120 W	> 80	3000K-5700K	120 LM/W	5/10/15/30/45/60/10X30/10X60°	AC85-265V	ON/OFF	/	Standard 1m cable
FL-09A-180	φ320XH410mm	180 W	/	Chromatic (RGB)	45 LM/W	5/10/15/30/45/60/10X30/10X60°	AC85-265V	DMX512	/	Standard 1m cable
FL-09A-350	φ320XH410mm	350 W	/	Chromatic (RGBW)	45 LM/W	5/10/15/30/45/60/10X30/10X60°	AC85-265V	DMX512	/	Standard 1m cable
FL-09B-60	φ250XH330mm	60 W	> 80	3000K-5700K	120 LM/W	5/10/15/30/45/60/10X30/10X60°	AC85-265V	ON/OFF	/	Standard 1m cable
FL-09B-80	φ250XH330mm	80 W	/	Chromatic (RGB)	45 LM/W	5/10/15/30/45/60/10X30/10X60°	AC85-265V	DMX512	/	Standard 1m cable
FL-09B-108	φ250XH330mm	108 W	/	Chromatic (RGBW)	45 LM/W	5/10/15/30/45/60/10X30/10X60°	AC85-265V	DMX512	/	Standard 1m cable
FL-09C-48	φ210XH290mm	48 W	> 80	3000K-5700K	120 LM/W	5/10/15/30/45/60/10X30/10X60°	AC85-265V	ON/OFF	/	Standard 1m cable
FL-09C-60	φ210XH290mm	60 W	/	Chromatic (RGB)	45 LM/W	5/10/15/30/45/60/10X30/10X60°	AC85-265V	DMX512	/	Standard 1m cable
FL-09C-72	φ210XH290mm	72 W	/	Chromatic (RGBW)	45 LM/W	5/10/15/30/45/60/10X30/10X60°	AC85-265V	DMX512	/	Standard 1m cable
FL-09D-24	φ190XH260mm	24 W	> 80	3000K-5700K	120 LM/W	5/10/15/30/45/60/10X30/10X60°	AC85-265V	ON/OFF	/	Standard 1m cable
FL-09D-36	φ190XH260mm	36 W	/	Chromatic (RGB)	45 LM/W	5/10/15/30/45/60/10X30/10X60°	AC85-265V	DMX512	/	Standard 1m cable
FL-09D-48	φ190XH260mm	48 W	/	Chromatic (RGBW)	45 LM/W	5/10/15/30/45/60/10X30/10X60°	AC85-265V	DMX512	/	Standard 1m cable
FL-09E-18	φ150XH205mm	18 W	> 80	3000K-5700K	120 LM/W	5/10/15/30/45/60/10X30/10X60°	AC85-265V	ON/OFF	/	Standard 1m cable
FL-09E-24	φ150XH205mm	24 W	/	Chromatic (RGB)	45 LM/W	5/10/15/30/45/60/10X30/10X60°	AC85-265V	DMX512	/	Standard 1m cable
FL-09E-36	φ150XH205mm	36 W	/	Chromatic (RGBW)	45 LM/W	5/10/15/30/45/60/10X30/10X60°	AC85-265V	DMX512	/	Standard 1m cable

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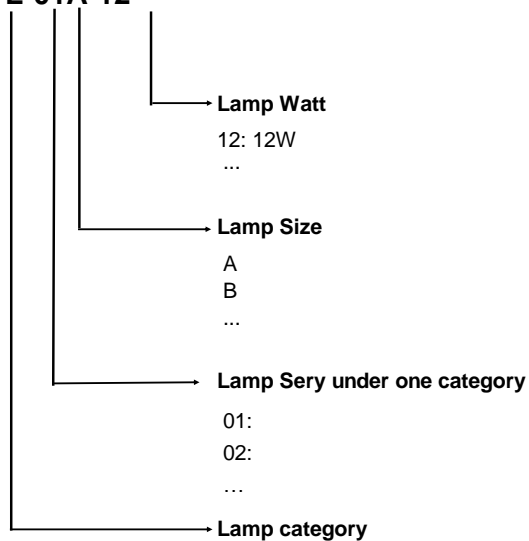
- ↑ Notes:
1. Finish: Black, and customized RAL available
  2. It has five different sizes from 18W-120W.

▼ Photometric curve



## ▼ Naming scheme

**FL-01A-12**



**Lamp Watt**

12: 12W

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**Lamp Size**

A

B

...

**Lamp Sery under one category**

01:

02:

...

**Lamp category**

FL: Flood Light

IG: Inground Light

UW: Underwater Light

WW: Wall Washer

LL: Linear Light

WL: Wall Light

DOT: Point Light