



Firefly Series



## LED Industrial Light

**CE & RoHS Certified LED Floodlight/bay light/platform light  
in Industrial Area.**

**Forest Frog Series**

**CE RoHS**

[www.kjled.com](http://www.kjled.com)



## Features And Benefits:

- High efficacy LED Source with long lifespan >50,000 hours
- 5-year performance warranty
- Low THD around 10%, Less interference
- 5KV Surge Protection
- Robust aluminium housing and strong tempered glass
- Vibration and shock resistant
- Low maintenance

## Applications:



Cement plants



Warehouse



Factory



Power Generation



Power Transmission



Shipping industry

# CE RoHS

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## LED Floodlight/bay light/platform light

### Standard & Certificate:

|                     |                                                                                                                                                                                              |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Certificate:        | • CE • RoHS                                                                                                                                                                                  |
| Executive Standard: | • EN 55015, EN 61547, EN 61000-3-2, EN 61000-3-3<br>• EN 60598-1, EN 60598-2-5, EN 62031, EN 62493<br>• IEC 62321-4, IEC 62321-5, IEC 62321-6<br>• IEC 62321-7-1, IEC 62321-7-2, IEC 62321-8 |

### Electrical & Photometric Features:

|                     |                                                  |
|---------------------|--------------------------------------------------|
| Luminaire Efficacy: | 136.5lm/W                                        |
| Lifespan:           | >50,000 hours                                    |
| Operating Voltage:  | 100-277 VAC<br>141-392 VDC/24 VDC                |
| Power(W):           | 12W/24W/35W                                      |
| Frequency:          | 50/60Hz                                          |
| Power Factor:       | >0.98                                            |
| THD:                | <10%                                             |
| Insulation Class:   | I                                                |
| Surge Protection:   | 5KV                                              |
| LED Driver:         | Over voltage protection/short circuit protection |

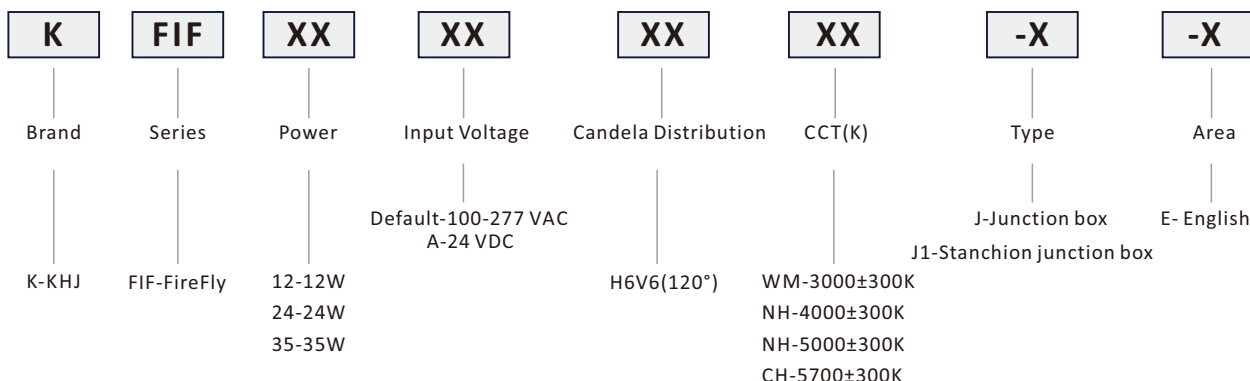
### Mechanical Features:

|                       |                                                                |
|-----------------------|----------------------------------------------------------------|
| Weight:               | 2.4Kg(Junction box),2.6Kg(Stanchion junction box)              |
| Size:                 | φ 136*210mm(Junction box), φ 136*194mm(Stanchion junction box) |
| Ambient Temperature:  | -40℃-+55℃                                                      |
| Connecting Terminals: | 3*1.0-4mm <sup>2</sup> (L+N+PE)                                |
| Cable Entries:        | 1XNPT 3/4" (M20*1.5, M25*1.5 are optional)                     |
| Earthing Protection:  | M4 (Internal & external earth bolts)                           |
| IP Code:              | IP66                                                           |
| Enclosure Material:   | Die-casting aluminium alloy                                    |
| Enclosure Colour:     | Grey RAL7040                                                   |
| Coating:              | Epoxy powder coating                                           |
| Exposed Fastener:     | Stainless steel                                                |
| Protective Cover:     | Tempered glass,Stand 7J impact                                 |

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## Production Definition

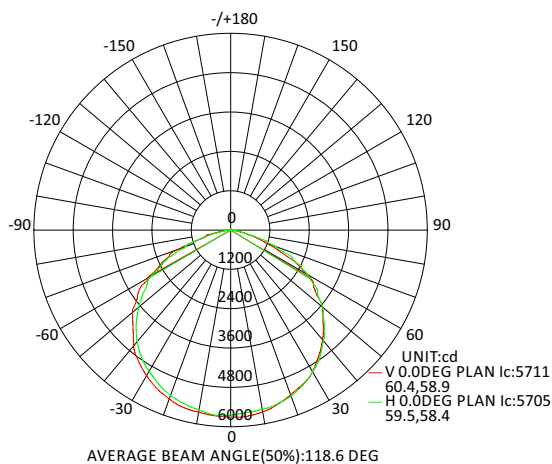


## Ordering Information

| P/N              | Operating Voltage(V)       | Luminous Flux(lm) | Power(W) | CRI | Color Temp.   | CCT(K)   |
|------------------|----------------------------|-------------------|----------|-----|---------------|----------|
| KFIF12H6V6WM-*-E | 100~277 AC<br>(141~392 DC) | 1512              | 12       | 80  | Warm white    | 3000±300 |
| KFIF12H6V6NH-*-E |                            | 1638              | 12       | 70  | Natural white | 4000±300 |
| KFIF12H6V6NH-*-E |                            | 1638              | 12       | 70  | Natural white | 5000±300 |
| KFIF12H6V6CH-*-E |                            | 1638              | 12       | 70  | Cool white    | 5700±300 |
| KFIF24H6V6WM-*-E |                            | 3024              | 24       | 80  | Warm white    | 3000±300 |
| KFIF24H6V6NH-*-E |                            | 3276              | 24       | 70  | Natural white | 4000±300 |
| KFIF24H6V6NH-*-E |                            | 3276              | 24       | 70  | Natural white | 5000±300 |
| KFIF24H6V6CH-*-E |                            | 3276              | 24       | 70  | Cool white    | 5700±300 |
| KFIF35H6V6WM-*-E |                            | 4410              | 35       | 80  | Warm white    | 3000±300 |
| KFIF35H6V6NH-*-E |                            | 4778              | 35       | 70  | Natural white | 4000±300 |
| KFIF35H6V6NH-*-E |                            | 4778              | 35       | 70  | Natural white | 5000±300 |
| KFIF35H6V6CH-*-E |                            | 4778              | 35       | 70  | Cool white    | 5700±300 |

Remarks: \*Stands for product type, including J, J1

## Candela Distribution



H6V6(120°)/High efficacy LED Source

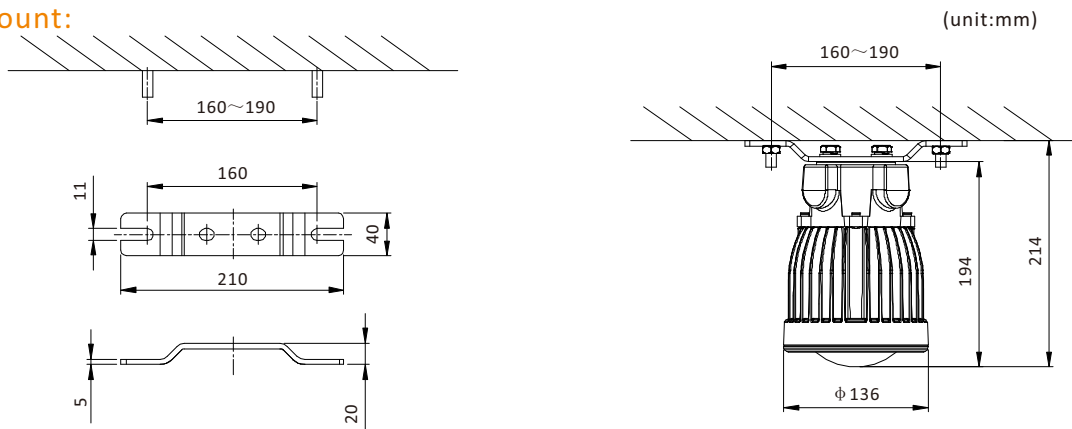


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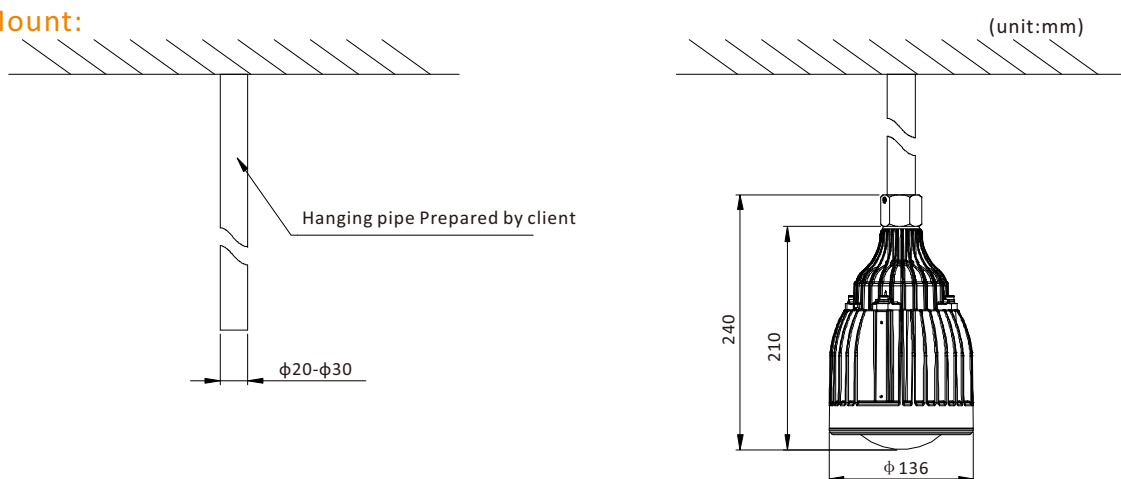
## Installation Method

### Ceiling Mount:





BR-FIF-G

### Pipe Mount:



PCR-FF

## Optional Parts

| No. | Installation accessories | Part No.             | Picture                                                                             | Material | Weight(Kg) | QTY | Remark        |
|-----|--------------------------|----------------------|-------------------------------------------------------------------------------------|----------|------------|-----|---------------|
| 1   | Bracket                  | BR-FIF-G             |  | Q235     | 0.4        | 1   | Ceiling mount |
| 2   | Pipe connector           | PCR-FF-N<br>PCR-FF-M |  | SUS304   | 0.28       | 1   | Pipe mount    |