



# FL3220-028W30

30W high intensity LED flood light specification



## General Characteristic

|                    |  |
|--------------------|--|
| Body structure     | Die-cast aluminum alloy framework fitted with high power LED chips integrated with proprietary heatsink. |
| Size overall       | 220 x 97 x 200mm   |
| Casting angle      | 213 degrees adjustable   |
| Finishing          | Anodized in black color  |
| Rated life span    | ≥40000 hours (accumulative)  |
| Ingress protection | IP65   |
| Certification      | CE, FCC, RoHS  |

## Light Characteristic

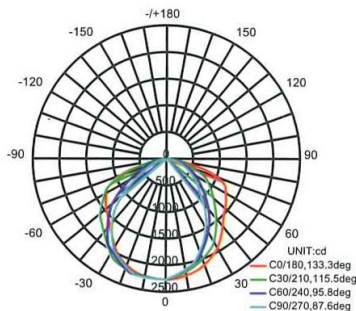
|                               |                          |
|-------------------------------|--------------------------|
| Light source                  | CREE XB-D                |
| LED module                    | Modular unit             |
| Color temperature             | 6000~6500K               |
| Color rendering index         | Ra≥75                    |
| Luminous efficacy             | ≥100 lumen per watt      |
| Luminous flux (white)         | 2850 lumen (6000~65000K) |
| Luminous flux (visible color) | 30667 foot-candela       |
| RF interference               | NIL                      |
| Beam angle                    | 90 / 120 degree          |
| Ultra violet rays             | Free                     |
| Operation temperature         | -30°                     |

## Electrical Characteristic (electronic gear)

|                     |                    |
|---------------------|--------------------|
| AC input range      | 90~305VAC, 47~63Hz |
| Rated power         | 30W                |
| Power factor        | PF ≥0.95           |
| Current regulation  | ±3%                |
| Protection type     | OCP, OVP, OTP, SCP |
| Output current      | 0.25~1.2A          |
| Typical efficiency  | 90%                |
| Working temperature | -40°C ~ 60°C       |
| Storage temperature | -40°C ~ 85°C       |
| Ingress protection  | IP65 compliant     |
| Safety standard     | UL8750             |
| EMI                 | EN55015 Class B    |
| Harmonic current    | 2, Class C         |

## Packing

|                     |                     |
|---------------------|---------------------|
| Quantity per carton | One unit each       |
| Size of product     | 220 x 97 x 200mm    |
| Weight of product   | 1.6 kg (net weight) |
| Size of carton      | 260 x 120 x 250mm   |
| Gross weight        | 2.4 kg              |



AVERAGE BEAM ANGLE(50%):108.0 DEG

Luminous Intensity Distribution

