

UP TO  
**76%**  
**ENERGY SAVINGS**  
 70 – 1000W HID replacement

# Noctua

Directional flood light with superior illumination



Superior quality commercial flood lighting for all your outdoor needs. Latest from enLighten's growing range of luminaires, the Noctua LED floodlight is an elegantly designed high brightness flood light with forward throw lens that positions light where you need it and eliminates light pollution.

## CONTRACTOR BENEFITS

- **Wide range available from 40W up to 240W**
- **Easy Installation** with versatile bracket suitable for a range of mounting options
- **Corrosion resistant** powder coated body
- **IP66** - Ingress protection for dust tightness & protection against powerful jets of water
- **IK08** - Impact resistance

## CLIENT BENEFITS

- **High performance Nichia LEDs** with over 130,000 hours of operating life @L70
- **Highly reliable driver** with in-built 12kV surge protection device
- **High luminaire efficacy** - Up to 139 lumens per watt
- **Power factor improvements** when replacing traditional HID lighting
- **Directional light throw** - Avoids spreading light to neighbouring properties

## PRODUCT RANGE

| Model #        | Description  | Lumen Output (lm) | Rated Power (W) |
|----------------|--|-------------------|-----------------|
| NFL40-40K-FTL  | 40W 4000K Noctua LED Floodlight with forward throw lens  | 5,740             | 40              |
| NFL60-40K-FTL  | 60W 4000K Noctua LED Floodlight with forward throw lens  | 8,440             | 60              |
| NFL80-40K-FTL  | 80W 4000K Noctua LED Floodlight with forward throw lens  | 10,790            | 80              |
| NFL100-40K-FTL | 100W 4000K Noctua LED Floodlight with forward throw lens | 13,970            | 100             |
| NFL120-40K-FTL | 120W 4000K Noctua LED Floodlight with forward throw lens | 16,240            | 120             |
| NFL150-40K-FTL | 150W 4000K Noctua LED Floodlight with forward throw lens | 20,240            | 150             |
| NFL180-40K-FTL | 180W 4000K Noctua LED Floodlight with forward throw lens | 24,390            | 180             |
| NFL200-40K-FTL | 200W 4000K Noctua LED Floodlight with forward throw lens | 26,430            | 200             |
| NFL240-40K-FTL | 240W 4000K Noctua LED Floodlight with forward throw lens | 31,670            | 240             |

The Noctua LED floodlight comes in 4000K CRI>70 non-dimming version as standard. 3000K & 5000K Correlated Colour Temperatures (CCT) available. 1-10V & PWM dimmable floodlights available on order.

## APPLICATIONS



OUTDOOR  
CAR PARKS



BUILDING  
PERIMETERS



WORKING  
YARDS



BUILDING  
FACADES

## FEATURES



SAFETY  
COMPLIANCE



EASY  
INSTALL



DIRECTIONAL  
LIGHT THROW



INGRESS  
PROTECTION

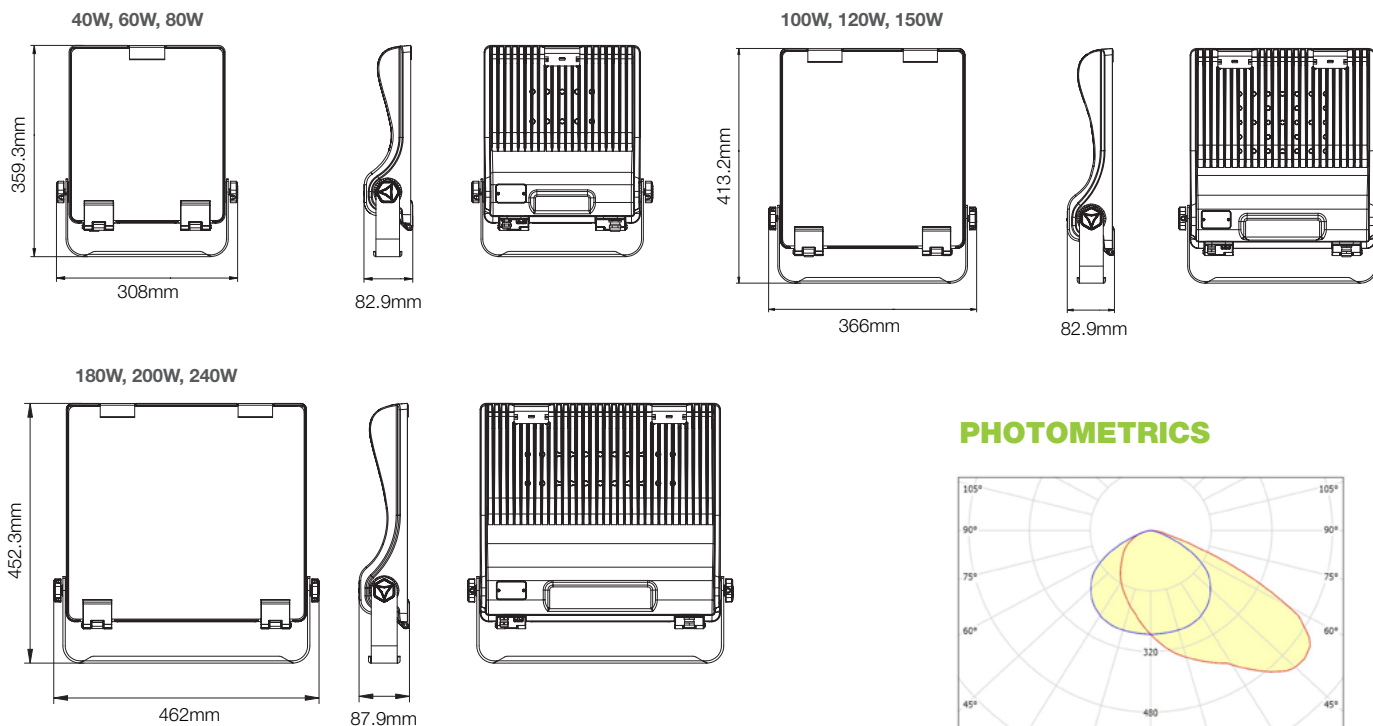


IMPACT  
RATING

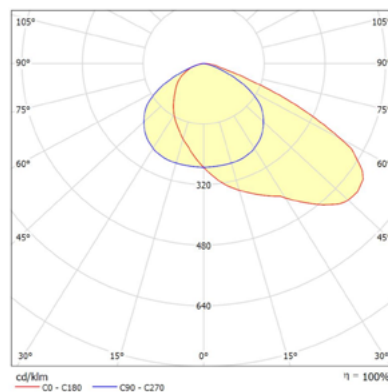


YEAR  
WARRANTY

## DIMENSIONS



## PHOTOMETRICS



## COMPLIANCE

The Noctua LED Floodlight meets or exceeds all relevant standards and regulatory requirements.

For a full compliance and testing list visit [www.enlighten.com.au](http://www.enlighten.com.au). IES files, warranty, installation and product guides are also available for download.

Sold nationally through major electrical wholesalers.



## TECHNICAL INFORMATION

### Optical

|                    |  |
|--------------------|--|
| Light source       | Nichia LEDs                            |
| Lumen output       | 5,740 – 31,670 lumens                  |
| CRI                | Ra>70 standard                         |
| CCT                | 4000K standard; 3000K & 5000K optional |
| Luminaire efficacy | Up to 139 lm/W                         |
| Beam angle         | Asymmetric forward throw               |

### Electrical

|                         |               |
|-------------------------|---------------|
| Power consumption       | 40W - 240W    |
| Operating frequency     | 50Hz          |
| Operating voltage range | 220 – 240V AC |
| Power factor            | >0.90/240V AC |
| Driver                  | Sosen         |

### Environmental

|                           |               |
|---------------------------|---------------|
| IP rating                 | IP66          |
| IK rating                 | IK08          |
| Net weight                | 4.3kg - 8.9kg |
| Ambient temperature range | -30°C to 50°C |

|                                 |                                       |
|---------------------------------|---------------------------------------|
| Material composition (body)     | Aluminium alloy                       |
| Material composition (diffuser) | Polycarbonate lens and tempered glass |
| Expected lifespan               | >130,000 hours @L70                   |

|                  |         |
|------------------|---------|
| <b>Warranty*</b> | 5 years |
|------------------|---------|

Data subject to change without notice  
\* Refer to warranty policy