

UP TO
76%
ENERGY SAVINGS
70-1000W HID replacement

Noctua

Directional flood light with superior illumination

High Efficacy
139 lm/W

enLighten

PRODUCT RANGE

Model #	Rated Power (W)	Lumen Output (lm)	Dimensions (mm)	Weight (kg)
NFL40-40K-FTL	40	5,740	308 x 82.9 x 359.3	4.3
NFL60-40K-FTL	60	8,440	308 x 82.9 x 359.3	4.5
NFL80-40K-FTL	80	10,790	308 x 82.9 x 359.3	4.6
NFL100-40K-FTL	100	13,970	366 x 82.9 x 413.2	6.3
NFL120-40K-FTL	120	16,240	366 x 82.9 x 413.2	6.5
NFL150-40K-FTL	150	20,240	366 x 82.9 x 413.2	6.8
NFL180-40K-FTL	180	24,390	462 x 87.9 x 452.3	8.4
NFL200-40K-FTL	200	26,430	462 x 87.9 x 452.3	8.6
NFL240-40K-FTL	240	31,670	462 x 87.9 x 452.3	8.9

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

CLIENT BENEFITS

- **Low glare LED floodlight** with a forward throwing lens
- **High performance Nichia LEDs** with over 130,000 hours of operating life @L70
- **Power factor improvements** when replacing traditional HID lighting.
- **Wide range available** from 40W up to 240W
- **Dimming options** include 1-10V, PWM and DALI

The Noctua is a high quality commercial LED floodlight that has been designed to maximise area illumination and light uniformity.

Designed with an asymmetrical forward throwing lens, the Noctua provides 30% better illumination than competitors. The lensed optics are engineered to achieve significant glare reduction giving you light where you need it.

A robust and reliable product engineered with high ingress protection to endure the harsh Australian environment.

Ideal for outdoor carpark, building perimeters, working yards and building facades.

CONTRACTOR BENEFITS

- **Easy installation** using a versatile bracket
- **High luminaire efficacy** - Up to 139 lumens per watt
- **Corrosion resistant** powder coated body
- **Highly reliable driver** with in-built 12kV surge protection device
- **Respirator valve** achieves zero steam build up internally
- **IP66** - Ingress protection for dust and withstands significant water pressure
- **IK08** - Impact resistance



(DALI and dimmable models are not registered with IPART)

APPLICATIONS



OUTDOOR
CAR PARKS



BUILDING
PERIMETERS



WORKING
YARDS



BUILDING
FACADES



SAFETY
COMPLIANCE



EASY
INSTALL



DIRECTIONAL
LIGHT THROW



INGRESS
PROTECTION



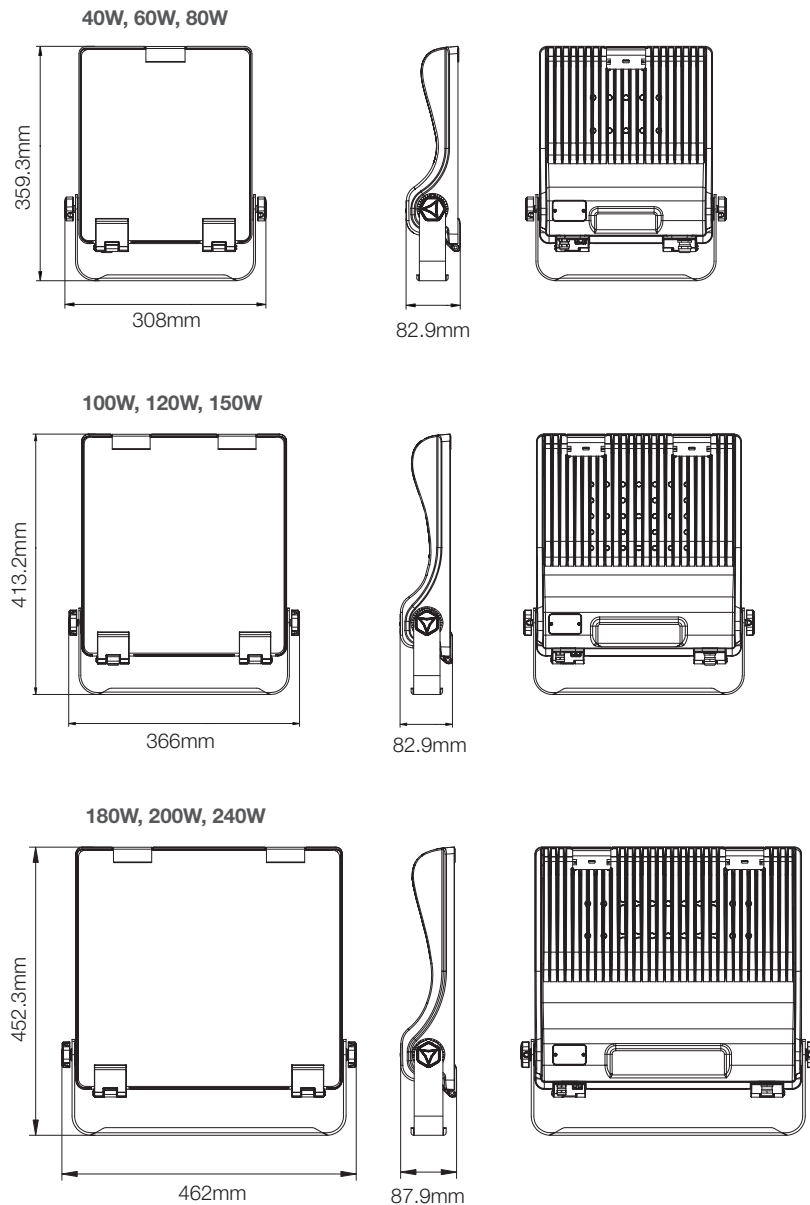
IMPACT
RATING



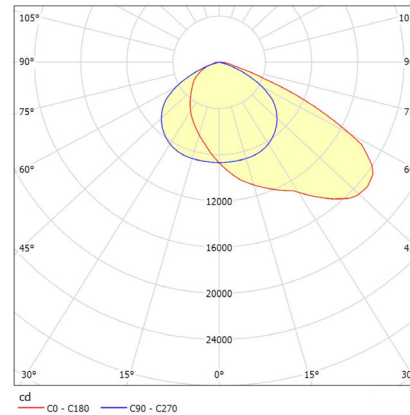
YEAR
WARRANTY

FEATURES

DIMENSIONS



PHOTOMETRICS



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, DALI compliant driver (optional)
Dimming controls (optional)	1-10V, PMW, DALI dimming
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
Warranty*	5 years

Data subject to change without notice
* Refer to warranty policy

MOUNTING

The Noctua achieves optimum illumination when tilted upwards between 0° to 20° above the horizontal position when mounted on a wall or pole.

The forward throwing lens minimises backward light spill, reducing glare and night sky pollution.



POLE MOUNT ADAPTORS

Enlighten offers three sizes of powder coated pole mounted adaptors: 42mm, 60mm, 76mm.



COMPLIANCE

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



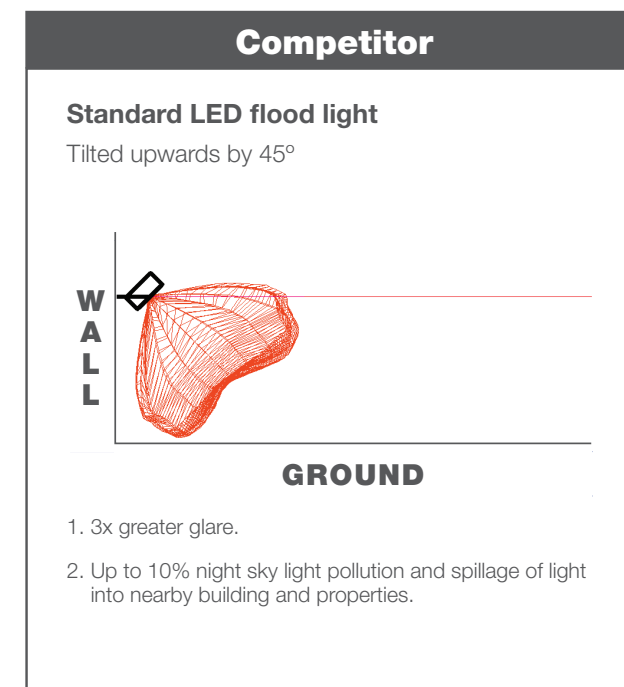
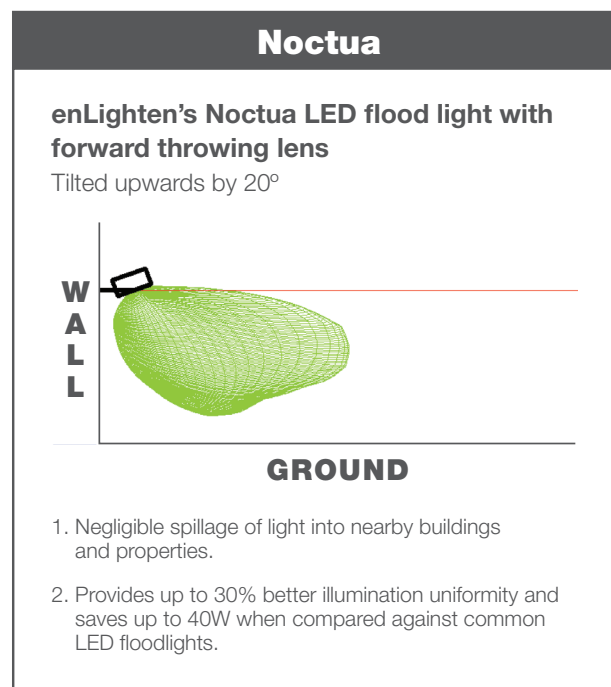
For a full compliance and testing list visit www.enlighten.com.au. IES files, warranty, installation and product guides are also available for download.

Sold nationally through major electrical wholesalers.

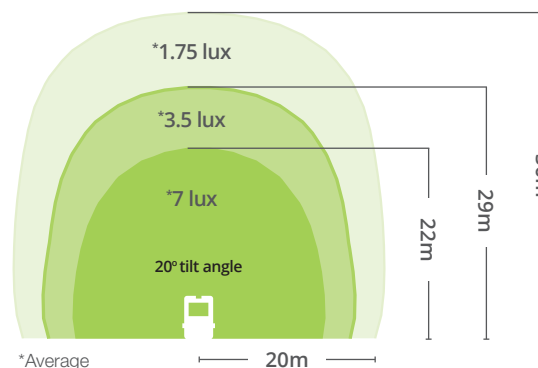
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BENEFITS OF THE NOCTUA FORWARD THROWING LENS

Both lights below are angled to achieve optimum illumination of the ground.



Example: Noctua 60W, 8m mount height



Application	Average lux requirements as per AS1158
General common areas, forecourts of cluster housing	1.75 lux
Exterior carpark	3.5 lux
Outdoor shopping precincts, civic centres, transport terminals	7 lux