



Smarter Lighting Solutions



**Wildlife Safe
Lighting**



NatureSpec™ Wildlife Safe Lighting

The NatureSpec™ LED lighting products will safely illuminate roadways, wharves, pathways, car parks and areas of commercial activity whilst limiting the effect of artificial light on our wildlife such as Turtles, Frogs, Owls and other animals.

Whilst outdoor lighting is required for human activity and safety, artificial light can be detrimental to our wildlife. Artificial light can have damaging effects on wildlife by disturbing their natural behaviors and negatively impacts these animals by turning their nights into days, disrupting their circadian rhythms. The lights can attract wildlife to areas considered harmful, such as roadways, pathways, car parks, terminal ports and commercial areas. Studies have determined that sea turtle populations have suffered declines worldwide and their recovery largely depends upon managing the effects of expanding human populations and artificial lighting in these areas.

Six of the world's seven species of marine turtles live in waters around Australia and they are all found within the Great Barrier Reef World Heritage Area.

The light pollution produced from artificial lighting can be solved and the light emitted from NatureSpec™ Wildlife Safe Lighting is almost invisible to these animals as they do not see the light and therefore are not attracted toward areas of risk.

NatureSpec™ lighting features unique LED technology that emits light in a wavelength which is safer for wildlife. The NatureSpec™ LED fixtures will safely illuminate areas whilst also protecting and minimising the effect of artificial light pollution on our wildlife.

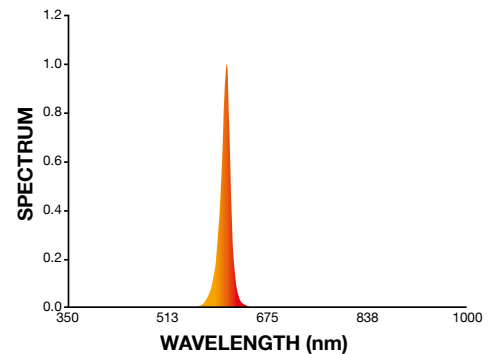




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NatureSpec™ Wildlife Safe Lighting

NatureSpec™ is iQ Lighting's latest series of outdoor lighting solutions that are suitable for use in areas of close proximity to wildlife and sea turtle habitats. Utilising specialised LEDs in our luminaires ensures that light pollution will not interfere with wildlife and sea turtles nesting and hatching patterns. The specialised LEDs produce light in a narrower wavelength between 595nm~610nm eliminating blue light that wildlife and sea turtles would otherwise confuse as moonlight.



NatureSpec™ Reliable LED Lighting Technology

iQ Lighting's reliable LED Technology provides significant advantages in terms of luminous efficiency, minimizing losses refraction and reflection inside the optical system. This system ensures a lower density of dirt and maintains the luminaires performance for an extended period of time.



NatureSpec™ Protecting the LED Source

The key to guarantee the total lifespan of the luminaire is the protection of the LED source as the core topic in the designing of the NatureSpec™ Series of luminaires. The carefully selected PC cover and waterproof rubber seals ensured the ingress protection of the whole product and it also protects the LED chip from external agents and impact.



NatureSpec™ Case Temperature Control

The NatureSpec™ series of lights are designed with superb heat radiation technique. The product also has a self-clean ability, that during rain the fixture will be washed and dirt automatically cleaned from the luminaire reducing the effects of light decay on the luminaire.





NatureSpec™ Phoenix Mini

Wildlife Safe Street and Path Lighting

NATSP30PHX	30W 240VAC LED NatureSpec IP66 40MM Entry Grey Housing
NATSP30PHXDC	30W 12VDC LED NatureSpec IP66 40MM Entry Grey Housing



NatureSpec™ Arizona

Wildlife Safe Street and Park Lighting

NATSPPHX60	60W LED NatureSpec IP66 Black Housing
NATSPPHX150	150W LED NatureSpec IP66 Black Housing



NatureSpec™ Flood Light

Wildlife Safe LED Flood Lighting

NATSP30FL	30W LED NatureSpec IP65 Black Housing
NATSP60FL	60W LED NatureSpec IP65 Black Housing
NATSP90FL	90W LED NatureSpec IP65 Black Housing
NATSP150FL	150W LED NatureSpec IP65 Black Housing
NATSP210FL	210W LED NatureSpec IP65 Black Housing

Extended warranty options available.
Technical Data sheets available on request. Product appearance may vary.
February 2018 Specifications are subject to change without prior notice.



NatureSpec™ Zenvo Ti **Wildlife Safe High Powered Floodlight**

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| NATSPZEN480 | 480W LED NatureSpec High Powered Floodlight IP65 Titanium Housing |
| NATSPZEN960 | 960W LED NatureSpec High Powered Floodlight IP65 Titanium Housing |

NatureSpec™ Weatherproof **Wildlife Safe IP65 Waterproof Fitting**

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| NATSP35WP | 35W LED NatureSpec IP65 Weatherproof 1.2M |
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NatureSpec™ Tube **Wildlife Safe LED Tube**

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| NATSP9T | 9W NatureSpec LED Tube 0.6M with Frosted Lens |
| NATSP18T | 18W NatureSpec LED Tube 1.2M with Frosted Lens |





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NatureSpec™ is a registered trademark.