

ZAMTAS

NG SERIES HI-FLUX LED TRAFFIC LIGHT

Developed over the past few decades by ZAMTAS International's engineering teams in Australia, Pakistan and China, ZAMTAS' NG Series Hi-Flux 200 mm LED Universal Traffic Light combines the functionality of the standard traffic light with the enhanced power savings of the latest technologies of LED lighting.

The NG Series Hi-Flux traffic lights can be provided in a variety of arrangements and sizes, subject to legislative requirements and the clients' needs.



KEY FEATURES



- Highly efficient LEDs enhance power savings
- Dimming function allows even further power savings
- Architecturally robust design
- The separate system controller is fully-SCATS compatible
- Available in 12 / 24V DC & 110 / 230V AC working voltages
- Modular, Vandal-proof design
- Suitable for inductive loop sensors
- Dust-proof, IP65 rated
- Also available in 100 and 300mm diameter specification

STANDARDS



- *EN 12368 : 2006 - Traffic control equipment – Signal heads
- *EN 50293 : 2000 Electromagnetic compatibility - Road traffic signal systems
- *EN 55022 : 1998 + A1 : 2000 + A2 : 2003, CISPR 22 : 2005 - Conducted and Radiated Emissions
- *EN 50293 : 2000 - Road traffic signal systems. Electromagnetic compatibility

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TRAFFIC SYSTEMS

NG Series Hi-Flux 200mm LED Traffic Light



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NG Series Hi-Flux 200mm LED Traffic Light

Product Specifications

Number of aspects	Dimensions w x h x d [mm]	Material	Assembly	Temperature class	Resistance
2-way	690x320x220	UV stabilized polycarbonate	Double or single support with brackets. Assembly of screens with use of self-tapping screws.	A, B and C in compliance with EN 12368	In compliance with EN 12368
3-way	950x320x220	UV stabilized polycarbonate	Double or single support with brackets. Assembly of screens with use of self-tapping screws.	A, B and C in compliance with EN 12368	In compliance with EN 12368

Technical Specifications

Body housing material	Poly carbonate (PMMA), Sun visor included Optical lens, showing a very good colour uniformity
Size	200mm (8") diameter Aspect arrangement 2 / 3 / as required
Luminous intensity (cd)	Red: 726cd Yellow: 1090cd Green: 682cd
Luminance Uniformity	Lmin:Lmax < 1:10
Colour Chromaticity (Typical – varies depending on exact model)	Red: X-0.699,Y-0.301 Yellow: X-0.571, Y-0.426 Green: X-0.082,Y-0.559
Viewing Angle	Compliant with the $\pm 30^\circ$ requirements as per EN 12368:2006
Operating temperature range	Between -43°C and 74°C
Operating Voltage	110V AC / 230V AC / 12V DC / 24V DC Low-Voltage compliant
Typical Power consumption	9W
Moisture Ingress	IP65 – complaint to IEC 60529:1989 + A1:1999 (2001-2)
Power Factor	>0.91
Phantom Class	>3
Life span	70,000 hours (8 years of continuous light)
Impact resistance	compliant with EN60598-1
Certifications	CE certified RoHS certified

ZAMTAS International is a market leading innovator for design, supply and service of energy efficient lighting, automation products and solar systems.

ZAMTAS is renowned for its safe and environmentally effective products that fulfill the requirements of our clients in Australia, Asia and Middle East, based on the belief that a package should save more time and money than its cost.

We provide high quality products at competitive prices backed by the highest standard of technical service to achieve total customer satisfaction



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