

Over recent years, LED technology has developed apace and today represents the future technology for street lighting in the opinion of experts and users alike. As a company, LEDworx® is specialised in the development of LED-based large-scale lighting systems.

## INNOVATION

Based on the requirements of a technical street lighting system, a coherent concept was realised consequently utilising the advantages of LED technology.

Due to the variable number of modules according to the requirements of the individual lighting situation, the new HAWK EYE® [3.0] street light series offers a versatile deployment range.

The in-house development of the electronic ballasts made it possible to integrate the existing street lighting control systems in the luminaire. The dimming of the luminaire via phase switch-off (half-night switching) and voltage reduction are implemented.

## SUSTAINABILITY

High light efficiency at low energy consumption, long service life, low maintenance costs and technical design are the hallmarks of the LEDworx® streetlight.

An optimised thermal and electronic management as well as the directed light radiation achieved by an optical system specifically developed for this application area form the basis of a high-quality, long-lived and energy-efficient product for technical external lighting applications.

The HAWK EYE® [3.0] is the result of the consequent development of a new technology and marks the beginning of a new generation of technical streetlights.

## ALL-PURPOSE

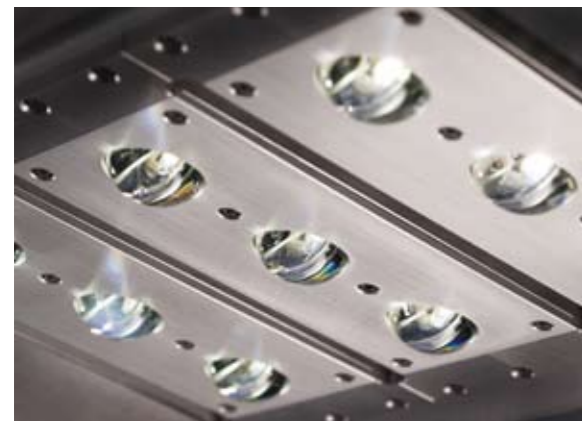
Application examples:

- residential streets
- through-roads
- express and highways
- motorways and feeder roads
- pedestrian and cycle lanes
- park and car park illumination

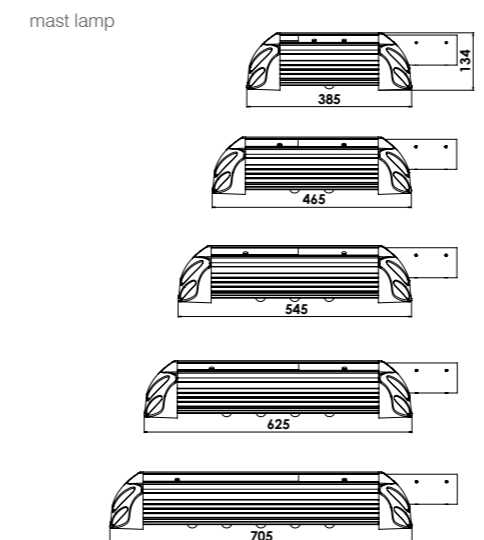
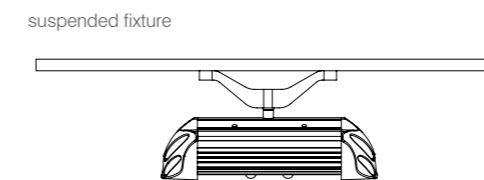
## ADVANTAGES

- reduced energy and maintenance costs
- daylight quality >5000 Kelvin
- expected lifetime >50,000 operating hours
- illumination in accordance with European standard EN13201
- dimming via voltage reduction or phase switch-off
- above average colour recognition and contrast perception in road traffic through CRI (Ra) value >75
- enhanced dark-adapted perception through the spectral range of the LED (scotopic vision)
- no turn-on and burn-in times
- directed light through specially developed optical system, no light pollution, no light loss
- shock resistant

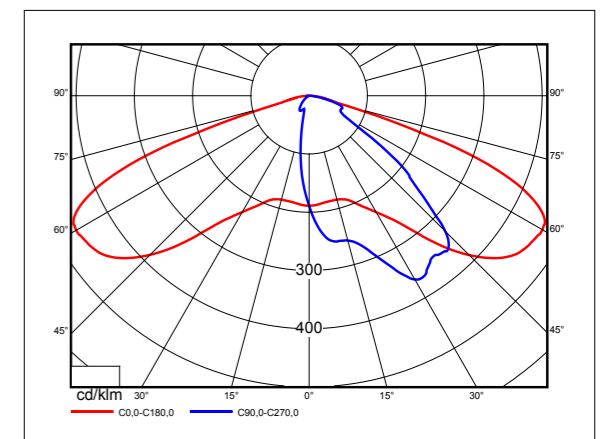
Various performance levels are achievable due to the luminaire's modular design. This enables the targeted selection of the optimal and most energy-efficient solution for each application and requirement.



Technical Data Hawk Eye [3.0]					
	HAWK EYE [3.0] 1M	HAWK EYE [3.0] 2M	HAWK EYE [3.0] 3M	HAWK EYE [3.0] 4M	HAWK EYE [3.0] 5M
voltage range	90 - 260 VAC				
system input in W	30	60	90	120	150
operating temperature	-40°C - +45°C				
illumination type	LED				
CRI (Ra)	75				
light flux in lm	2,317	4,466	6,699	8,932	11,165
colour temperature	>5,000K				
expected lifetime	>50,000h				
material	aluminium / PC				
installation	mast lamp / suspended fixture				
dimensions in mm	385 x 300 x 134	465 x 300 x 134	545 x 300 x 134	625 x 300 x 134	705 x 300 x 134
mast attachment	up to ø 64mm				
insertion depth	100mm				
weight in kg	6.2	8.2	10.2	12.2	14.2
protection class	II				
protection type	IP66				
test marks	CE				
dimming	via voltage reduction or phase switch-off				



light distribution curve asymmetric optical system



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