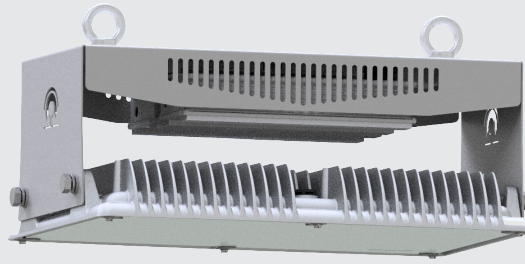


# KRATOS LED HIGHBAY



## Product Variations

Type	Driving Current	Typical Power	Luminous Flux	
	(mA)	(W)	(lm) Nominal	(lm) Effective
SI	375	215	37 200	31 700
	425	245	41 600	35 500
	475	275	45 900	39 200
	525	315	43 000	36 700
	575	345	54 400	46 400
	625	375	58 500	49 900
	675	415	62 600	53 400
	700	432	63 530	55 270

## Product Information

Design	
Manufacturing	Locally designed and manufactured
Luminaire	High-pressure die-cast LM6 aluminum finished with polyester epoxy powder coating
Junction box	Electroplated mild-steel
Clips and fasteners	304 Grade stainless steel   316 Grade stainless steel *
Diffuser	4mm clear tempered glass
Optics	Optical grade acrylic (PMMA) Zhaga "Book 15" compliant lenses
Colour	Dark grey standard   Unpainted or other colours *
Mounting options	Suspension mounting including removable eyebolts

Technical Data	
Luminaire Compliance standards	SANS / IEC 60598-2-1 SANS 475
Surge protection	6+10kV
Power supply	220V to 240V AC 50/60 Hz
Power factor	0.98
Insulation protection	Class 1
Weight	14 kg
Lifetime	Luminaire Up to 20 year on luminaire body Up to 5 year on internal components

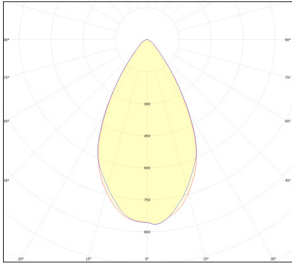
\*Available on request

Lighting Data	
Design life	up to 100 000 hours
Typical lumen maintenance	L90 @ >100 000 hours
CRI	70   80 *
Light Output Ratio (LOR)	up to 85%
Colour Temperature	2200K*   3000K*   4000K   5000K*
Operating temperature	-30°C to 45°C
Dimmable	1-10V*   DALI*   D4i*

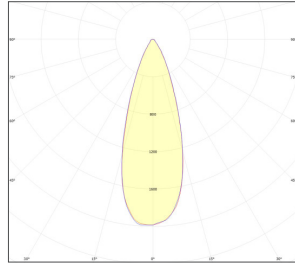


## Optics

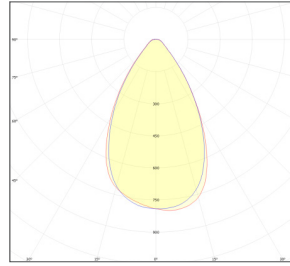
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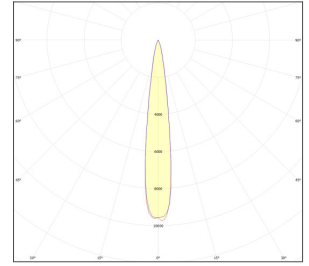
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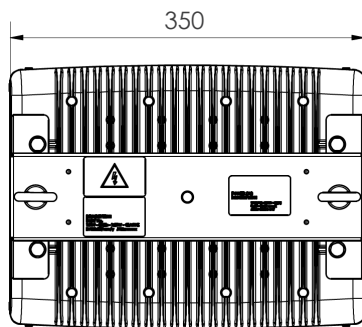
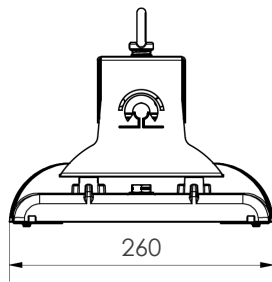
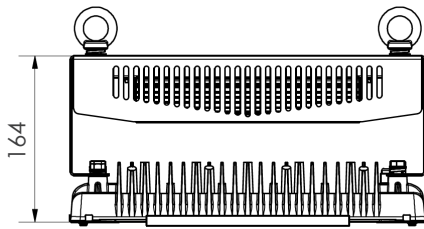


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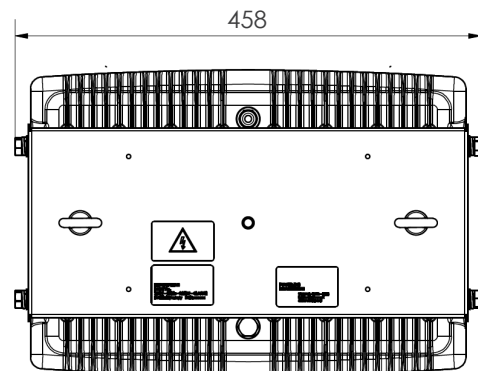
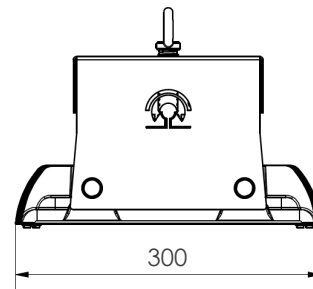
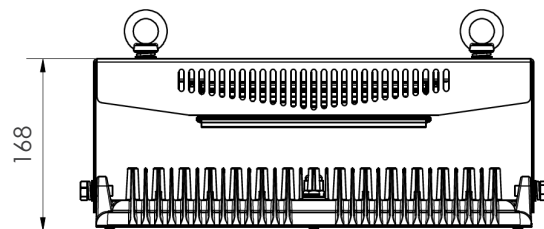


## Dimensions

MK I



MK II



### Disclaimer

Due to the rapid development in LED technology the performance values, power consumption and lumen output levels stated above are subject to change without prior notice. For any requirements not covered in the above variations please contact us for a customized solution.

### IMPORTANT NOTES

- (1) Measurement precision for flux +/- 5%, for efficacy +/- 6%, for CRI +/- 1.5
- (2) Lumen maintenance L90 = 90% of initial flux @ ta 35°C / 100 000hrs

Technical changes and printing errors reserved • Errors and Omissions Excepted

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**GENLUX LIGHTING**  
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