

PROMAC

LED LUMINAIRES

KHD - High Bay

A heavy-duty LED fitting designed for high-bay lighting applications which replaces metal halide fittings up to 500w. Recommended for installation in workshops, warehouses, sports facilities or retail spaces for area lighting. IP67 rated and guaranteed for five years in fixed installations. KHD fittings are available in single or twin LED configuration with a range of power supply, optic and colour temperature options.



5 year warranty

Every fixture is backed by full factory warranty, covering manufacturing defects and guaranteeing performance.



Fully serviceable

Each component can be repaired or replaced separately in the case of damage or failure, keeping your maintenance costs down.



Energy efficient

Typical energy consumption reduced by 60% when compared to HID or metal halide fixtures. 50,000 hour expected life reduces maintenance costs.



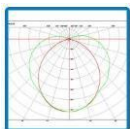
Colour temperatures

Different lighting applications call for warmer or cooler colour temperatures. Fixtures can be supplied from 2700K to 5500K.



IP67 rated

Heavy-duty design for demanding applications – impact resistant, IP67 rated against water and dust ingress.



Multiple power & lens options

Choose from a range of power outputs to suit your lux requirements. Beam type can be modified with replacement lenses.



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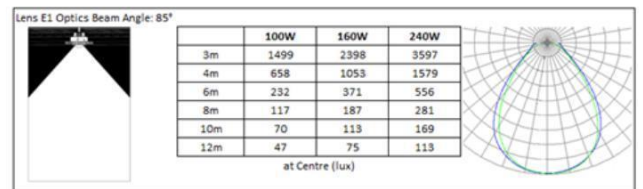
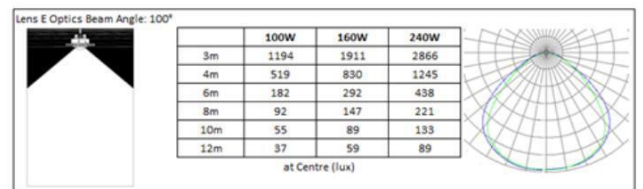
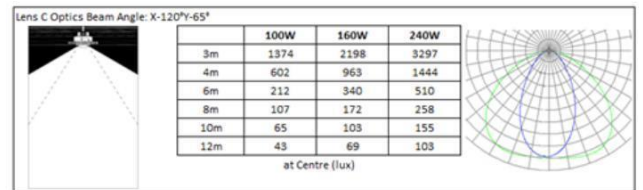
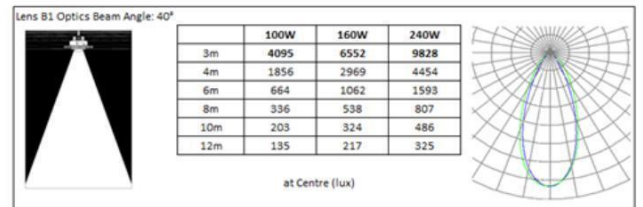
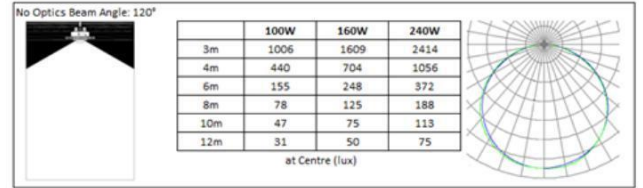
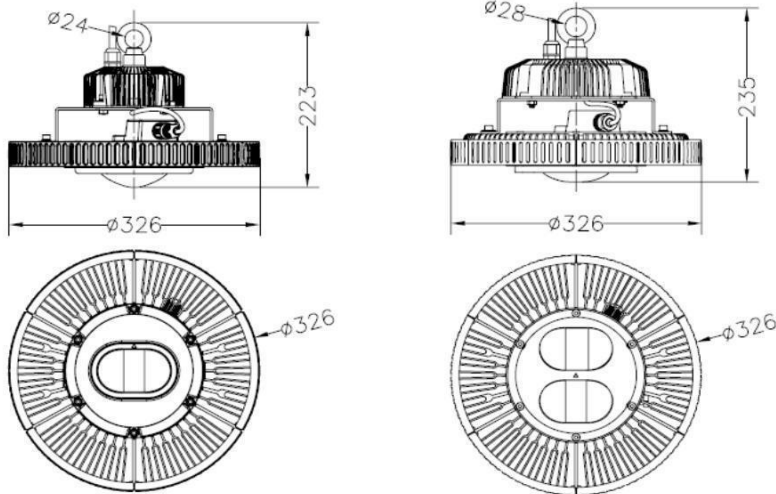
A: 60 Kumall Road, Welshpool WA 6106 | T: +61 8 6254 1800
E: sales@promacinternational.com | W: www.promacinternational.com



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TECHNICAL SPECIFICATIONS

Model	KHD1-C100-AC240 LED	KHD1-C160-AC240 LED	KHD2-C200-AC240 LED	KHD2-C240-AC240 LED		
Rated power	100W (±5%)	160W (±5%)	200W (±5%)	240W (±5%)	Protection standard	IP67
Operating voltage (Freq.)	AC 95–265V, 50/60Hz	AC 95–265V, 50/60Hz	AC 95–265V, 50/60Hz	AC 95–265V, 50/60Hz	Standard Colour Temp.	5000K
Input Current	1.05A–0.38A 0.42A (240VAC inupt)	1.68A–0.60A 0.67A (240VAC inupt)	2.11A–0.76A 0.83A (240VAC inupt)	2.53A–0.90A 1A (240VAC inupt)	Life Expectancy	LM70 @ 50,000 hours
Power factor	>0.9 (AC)	>0.9 (AC)	>0.9 (AC)	>0.9 (AC)	Warranty	Up to 5 years warranty
Luminous Flux	11,000–12,000LM	17,600–19,200LM	22,000–24,000LM	26,400–28,800LM	Dimensions (mm)	φ325 x H218
Performance measured @	-20 °C to +50 °C	-20 °C to +50 °C	-20 °C to +50 °C	-20 °C to +50 °C	Mount height (m)	≥7m+
LED	CITIZEN LED 100W(±5%), x1pc, 50–54Vdc	CITIZEN LED 160w(±5%), x1pc, 50–54Vdc	CITIZEN LED 120w(±5%), x2pcs, 50–54Vdc	CITIZEN LED 120w(±5%), x2pcs, 50–54Vdc	Lens	B1,E,E1,C,E3
Driver	HBG-100 x 1pc	HBG-160 x 1pc	HBG-240 x 1pc	HBG-240 x 1pc	Construction	Aluminium/Alloy
					Weight (kg)	6.0 - 6.8



CERTIFICATION

SAA certification
AS/NZS IEC 61347.2.13:2013
Lamp control gear - Particular requirements for DC. or AC supplied electronic control gear for LED modules (IEC 61347-2-13, Ed.1.0 (2006) MOD)

AS/NZS 60598.2.5:2002
Luminaires - Particular requirements - Floodlights (IEC 60598.2.5:1998, MOD)



Certified for use
in EU countries



ACMA
compliant



ISO 9001
Production
Management



No harmful
substances

Specification subject to change

In keeping with our policy of continuous improvement, PROMAC reserves the right to modify our designs and specifications at any time, without notice.



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