

IBYS **160W** **LED High Bay**

The revolutionary change in commercial, architectural and industrial high bay lighting applications is finally here.

It's incredibly sleek, yet robust design allows it to be used in a wide variety of applications, ranging from heavy industrial facilities through to retail stores, stadiums and public spaces.



50,000
HOURS

IP66

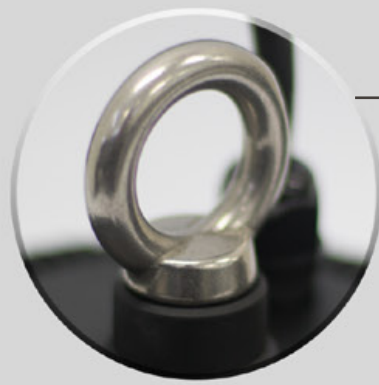
3 YEARS
WARRANTY



COMMERCIAL · ARCHITECTURAL · INDUSTRIAL

The IBYS LED High bay provides superior performance of 17,000 lumens of high quality light, while consuming only 160 watts.

The IBYS is ideal in replacing traditional Metal Halide Fixtures with the highest efficiency lumen per watt value.



MOUNTING OPTIONS

The IBYS LED high bay is significantly lighter than other luminaires in its category and offers traditional mounting options. Suspended via eye bolt or fixed with the tilt-able mounting bracket.



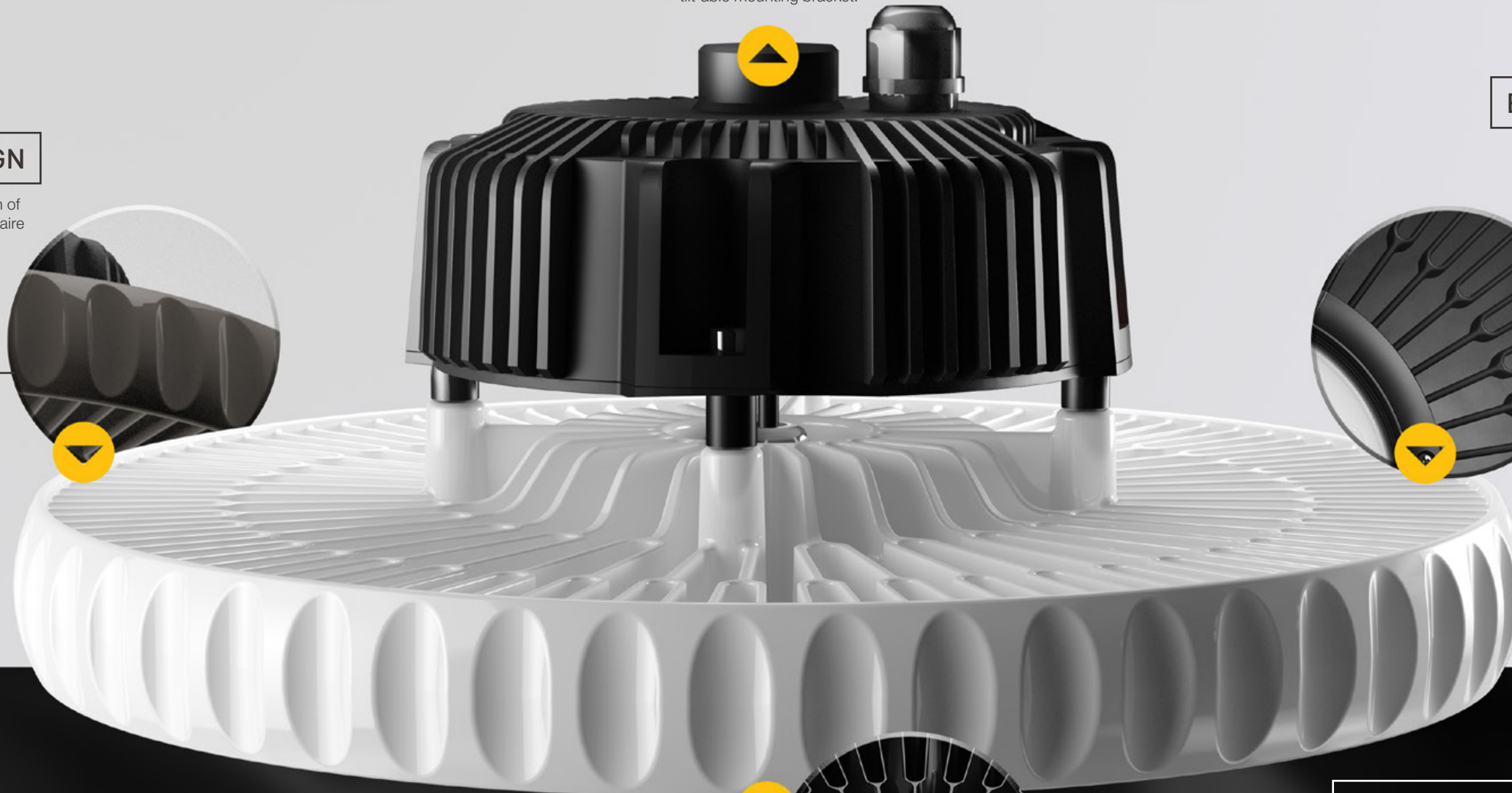
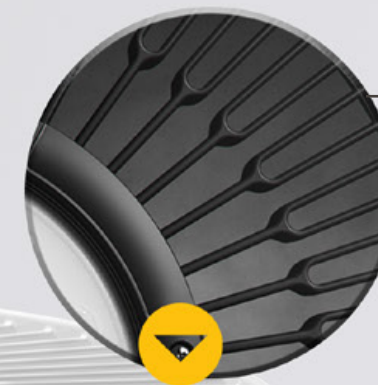
APPLICATION AND DESIGN

Superior and timeless design with the option of various heat sink colours increases the luminaire suitability in various applications.



ENGINEERING AT ITS BEST

The State of the art heat sink is specifically engineered to maximize the performance and deliver a high lumen output in a lightweight and streamlined package.



With over 10 years of maintenance free performance and 50,000 hours of operation the IBYS LED High bay is the most ideal LED lighting solution on the market.

OPTICAL DESIGN INNOVATION

An integrated secondary optic system allows IBYS to effectively deliver the light to the work surface with minimal losses and maximum gains.



LONG USEFUL OPERATING LIFE

This luminaire's life is rated at 50,000 hours to 70% residual light output.



HIGH QUALITY WHITE LIGHT WITH HIGH CRI

High quality white light with high colour rendering index.



COOL SURFACE TEMPERATURE

Coolon's industrial LED fittings have a much lower surface temperature than traditional HID equivalents.



INSTANT ON/OFF

LEDs do not require warm up. Instant on to 100% output translates to no downtime.



NO FLICKERING

High quality white light without stroboscopic flickering.



HIGH IP RATING - IP66

Coolon's LED products are designed specifically to withstand the harshest conditions for a wide range of applications.



3 YEARS WARRANTY

3 YEARS FACTORY WARRANTY

All Coolon luminaires are backed by a solid 3 year manufacturer's warranty.



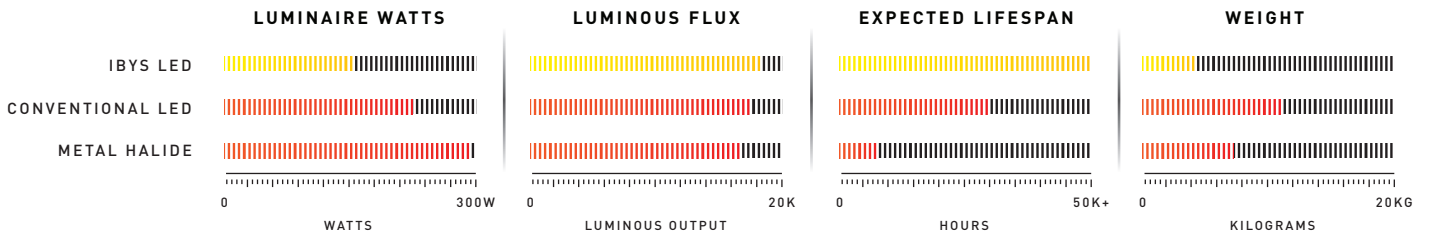
PROUDLY MADE IN AUSTRALIA

Coolon products are proudly designed and manufactured in Australia.

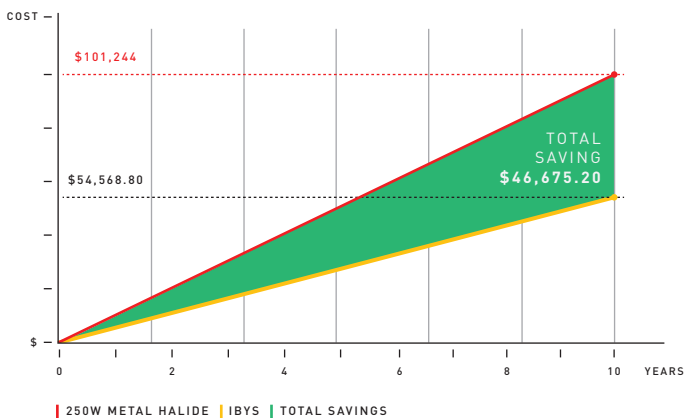
PRODUCT COMPARISON CHART



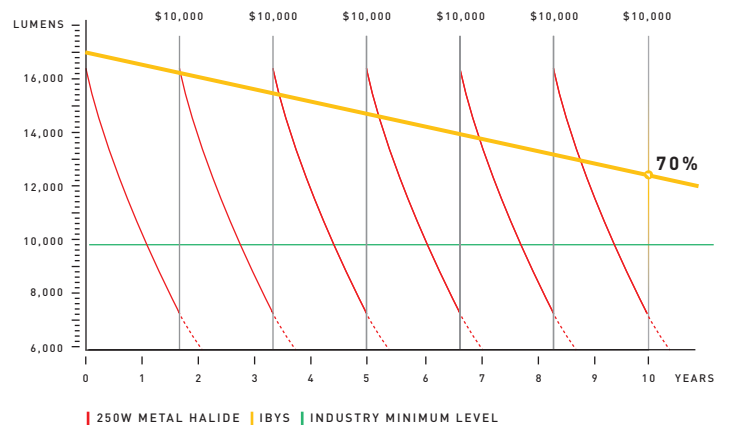
	250W METAL HALIDE	200W CONVENTIONAL LED	160W IBYS LED
TOTAL LUMINAIRE WATTS	295W Inc. Ballast	225W Inc. Driver	158W Inc. Driver
LUMINOUS OUTPUT/FLUX	16,400lm	17,000lm	17,000lm
EXPECTED LIFESPAN	8,000 Hours	30,000 Hours	50,000+ Hours
WEIGHT	7.5kg	11kg	4.2kg



ENERGY CONSUMPTION COST



SERVICE MAINTENANCE COST



Application: Warehouse with 50 High Bay Fixtures

	250W Metal Halide High Bay	IBYS 160W LED High Bay
Annual Energy Consumption	50,622kw/h	27,284.40 kw/h
Annual Operating Cost (12h/day 5.5 d/week at \$0.20 per Kw/h)	\$10,124.40	\$5,456.88
Annual Service and Maintenance Cost (est \$100 parts/labor)	\$5,000	\$0
Energy Consumption Over 10 Years	506,220 kw/h	272,844 kw/h
Energy Operating Cost Over 10 Years	\$101,244	\$54,568.80
Service & Maintenance Cost Over 10 Years	\$50,000	\$0
Total Annual Running Cost	\$15,124.40	\$5,456.88
Total Running Cost Over 10 Years	\$151,244	\$54,568.80

DISTRIBUTED BY:



TOTAL SAVINGS
\$96,675.20