

Tiger SuperBright LED Highbays



Bright, white, long-lasting light.

Saves up to 70% of power costs.

Outstanding efficiency

- Comparable light output for up to 70% less power consumption.

Heavy duty, long life lighting

- 50,000+ hours lifespan, up to 5 times longer than conventional lighting.

Excellent light quality

- Light levels maintained far longer than conventional lighting which can lose up to 70% of their brightness in 12 months.
- No UV or infrared.

Lower maintenance costs

- No globes to replace; no need for costly programmed maintenance.

Instant On after power outages

- Less operational downtime and better OH&S conditions.

Note: Comparisons subject to individual site inspections.	Comparable to HID	Ceiling height (m)
100W LED	250W	Up to 7m
150W superbright LED	400W	Up to 12m
200W superbright LED	400W+	Up to 19m

100W

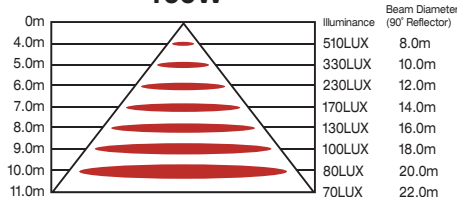
150W superbright

200W superbright

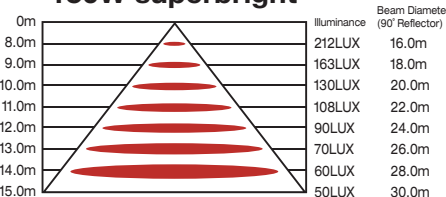


Technical parameters	100W	150W superbright	200W superbright
Product code	HB100-EL	HB150X-EL	HB200X-EL
Input voltage	AC 90~264V / 90~305V	AC 90~264V / 90~305V	AC 90~264V / 90~305V
Power frequency of driver	47-63Hz	47-63Hz	47-63Hz
Power efficiency of driver	≥ 85%	≥ 85%	≥ 85%
LED power consumption	88W	130W	170W
Power factor (PF)	≥ 0.95	≥ 0.95	≥ 0.95
Total harmonic distortion (THD)	≤ 15%	≤ 15%	≤ 15%
Luminaire efficiency	≥ 90%	≥ 90%	≥ 90%
Flux	6,000 ~ 7,000 lm	12,000 lm	15,000 lm
Colour rendering index (CRI)	Ra ≥ 80	Ra ≥ 80	Ra ≥ 80
Colour temperature	3,000k ~ 7,000k optional	3,000k ~ 7,000k optional	3,000k ~ 7,000k optional
Beam angles available	90 degree / 120 degree / Prismatic	90 degree / 120 degree / Prismatic	90 degree / 120 degree / Prismatic
Metal halide equivalent	250W	400W	400W+ (high ceilings)
Working ambient temperature	-25 ~ +45°C / -13 ~ +113°F	-25 ~ +45°C / -13 ~ +113°F	-25 ~ +45°C / -13 ~ +113°F
Working ambient humidity	15% ~ 90% RH	15% ~ 90% RH	15% ~ 90% RH
IP rating options available	IP22 / IP55	IP22 / IP55	IP22 / IP55
Service life	≥ 50,000 hours	≥ 50,000 hours	≥ 50,000 hours
Light fixture material	Aluminum alloy	Aluminum alloy	Aluminum alloy
Net Weight	4.9kg	8.0kg	10.5kg

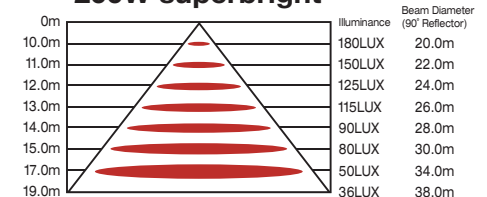
100W



150W superbright



200W superbright



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