

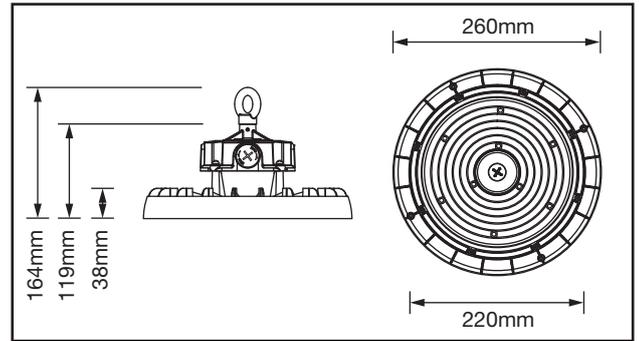
AHB/150/CCT

150W IP65, CCT & Power Selectable,
Ultra-Efficient High Power LED HighBay



PRODUCT FEATURES

- High Efficiency & High Lumen Output $\leq 175\text{lm/W}$
- IP65 & IK08 Perfect For Harsh Environments
- CCT Selectable (3000K / 4000K / 5000K)
- Wattage Selectable (100W / 120W / 150W)
- 2m Pre-Wired Tough Rubber Cable
- High Quality Diecast Carbon Black Aluminium Body
- Compatible With 110V Site Transformer For Building Sites
- 1-10V Dimmable
- Emergency Pack Available (AHB/EM/ST)*
- Plug & Play Microwave Sensor Available (AHB/MS)*
- One Programmable Remote Required For Unlimited Amount Of Microwave Sensors (AHB/RMT)*
- 5 Year Guarantee



TECHNICAL SPECIFICATIONS

Code	AHB/150/CCT								
	150W			120W			100W		
Max Output Power (W)	150W			120W			100W		
CCT (Kelvin)	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
Luminous Flux (LM)	$\leq 20,936\text{lm}$	$\leq 23,479\text{lm}$	$\leq 21,680\text{lm}$	$\leq 17,828\text{lm}$	$\leq 19,936\text{lm}$	$\leq 18800\text{lm}$	$\leq 16,402\text{lm}$	$\leq 17,543\text{lm}$	$\leq 16,924\text{lm}$
Useful Luminous Flux (LM)	$\leq 16,399\text{lm}$	$\leq 18,339\text{lm}$	$\leq 16,900\text{lm}$	$\leq 13,952\text{lm}$	$\leq 15,570\text{lm}$	$\leq 14,656\text{lm}$	$\leq 12,836\text{lm}$	$\leq 13,702\text{lm}$	$\leq 13,190\text{lm}$
LM/W	$\leq 139\text{lm/W}$	$\leq 156\text{lm/W}$	$\leq 144\text{lm/W}$	$\leq 148\text{lm/W}$	$\leq 170\text{lm/W}$	$\leq 156\text{lm/W}$	$\leq 164\text{lm/W}$	$\leq 175\text{lm/W}$	$\leq 169\text{lm/W}$
Beam Angle (°)	90°			90°			90°		
SDCM	≤ 6			≤ 6			≤ 6		
CRI	≥ 70			≥ 70			≥ 70		
Peak Intensity (cd)	11667cd	12660cd	11575cd	9692cd	10752cd	10040cd	8917cd	9462cd	9036cd
Operating Voltage (V)	100-240V AC			100-240V AC			100-240V AC		
Operating Current Max (A)	1.5A			1.5A			1.5A		
Efficiency %	93%			94%			95%		
Power Factor (Pf)	≥ 0.9			≥ 0.9			≥ 0.9		
Class	I			I			I		
Body Material	Diecast Aluminium			Diecast Aluminium			Diecast Aluminium		
Frame Colour	Carbon Black			Carbon Black			Carbon Black		
Switching Cycles	50,000			50,000			50,000		
Ingress Protection	IP65			IP65			IP65		
Impact Protection	IK08			IK08			IK08		
Surge Protection	6kV			6kV			6kV		
Ambient Operating Temperature (°C)	$-30^{\circ}\text{C} \sim +50^{\circ}\text{C}$			$-30^{\circ}\text{C} \sim +50^{\circ}\text{C}$			$-30^{\circ}\text{C} \sim +50^{\circ}\text{C}$		
Input Frequency (Hz)	50/60Hz			50/60Hz			50/60Hz		
Guarantee	5 Years			5 Years			5 Years		
Cable Length	2m (240v Cable), 0.2m (1-10V)			2m (240v Cable), 0.2m (1-10V)			2m (240v Cable), 0.2m (1-10V)		
Lifetime (L70 B50)	100,000 Hrs			100,000 Hrs			100,000 Hrs		
Survival Factor	$\geq 90\%$			$\geq 90\%$			$\geq 90\%$		
Lumen Maintenance Factor	$\geq 92\%$			$\geq 92\%$			$\geq 92\%$		
Displacement Factor	≥ 0.9			≥ 0.9			≥ 0.9		

FUSE CHART

Product	QTY (pcs)			Inrush Current (A)
	C10A	B16A	C16A	
AHB/100/CCT	14	16	22	75
AHB/150/CCT	10	12	16	88
AHB/200/CCT	8	8	13	94.5



*Sold Separately