

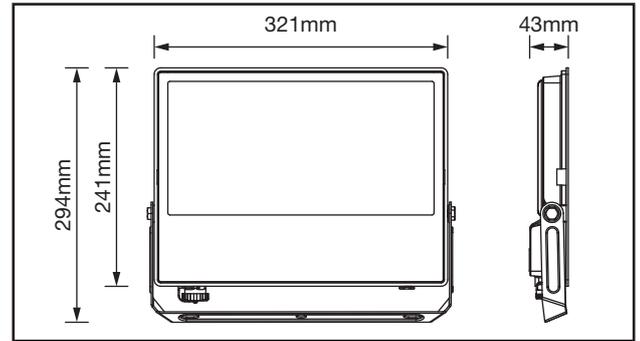
AFL150BK/CCT

150W IP65, CCT & Wattage Selectable, Ultra-Efficient LED High Power Carbon Black Flood Light

SKYLANCER™

PRODUCT FEATURES

- High Efficiency & High Lumen Output $\leq 131\text{lm/W}$
- IP65 & IK06 Perfect for Harsh Environments
- Low Profile Design To Reduce Wind Drag
- CCT Selectable (3000K / 4000K / 6500K)
- Wattage Selectable (120W / 135W / 150W)
- 1.3m Pre-Wired Tough Rubber Cable
- Easy-Install Angled Bracket
- Prismatic Toughened Glass
- High Quality Diecast Carbon Black Aluminium Body
- Compatible With 110V Site Transformer For Building Sites
- 5 Year Guarantee



TECHNICAL SPECIFICATIONS

Code	AFL150BK/CCT								
	150W			135W			120W		
Max Output Power (W)	150W			135W			120W		
CCT (Kelvin)	3000K	4000K	6500K	3000K	4000K	6500K	3000K	4000K	6500K
Luminous Flux (LM)	$\leq 17,540\text{lm}$	$\leq 19,750\text{lm}$	$\leq 17,510\text{lm}$	$\leq 15,790\text{lm}$	$\leq 17,780\text{lm}$	$\leq 15,890\text{lm}$	$\leq 14,035\text{lm}$	$\leq 15,800\text{lm}$	$\leq 14,120\text{lm}$
Useful Luminous Flux (LM)	$\leq 14,810\text{lm}$	$\leq 16,660\text{lm}$	$\leq 14,840\text{lm}$	$\leq 13,330\text{lm}$	$\leq 15,000\text{lm}$	$\leq 13,360\text{lm}$	$\leq 11,850\text{lm}$	$\leq 13,330\text{lm}$	$\leq 11,875\text{lm}$
LM/W	$\leq 116\text{lm/W}$	$\leq 131\text{lm/W}$	$\leq 116\text{lm/W}$	$\leq 117\text{lm/W}$	$\leq 131\text{lm/W}$	$\leq 117\text{lm/W}$	$\leq 116\text{lm/W}$	$\leq 131\text{lm/W}$	$\leq 117\text{lm/W}$
Beam Angle (°)	110°			110°			110°		
SDCM	≤ 6			≤ 6			≤ 6		
CRI	≥ 80			≥ 80			≥ 80		
Peak Intensity (cd)	6490cd	7215cd	6410cd	5841cd	6494cd	5769cd	5192cd	5772cd	5128cd
Operating Voltage (V)	100-240V AC			100-240V AC			100-240V AC		
Operating Current (A max)	1.8A			1.8A			1.8A		
Power Factor (Pf)	≥ 0.9			≥ 0.9			≥ 0.9		
Class	I			I			I		
Body Material	Aluminium			Aluminium			Aluminium		
Frame Colour	Carbon Black			Carbon Black			Carbon Black		
Switching Cycles	30,000			30,000			30,000		
Ingress Protection	IP65			IP65			IP65		
Impact Protection	IK06			IK06			IK06		
Ambient Operating Temperature (°C)	$-25^{\circ}\text{C} \sim +40^{\circ}\text{C}$			$-25^{\circ}\text{C} \sim +40^{\circ}\text{C}$			$-25^{\circ}\text{C} \sim +40^{\circ}\text{C}$		
Input Frequency (Hz)	50/60Hz			50/60Hz			50/60Hz		
Guarantee	5 Years			5 Years			5 Years		
Cable Length	1.3m			1.3m			1.3m		
Lifetime (L70 B50)	50,000 Hrs			50,000 Hrs			50,000 Hrs		
Survival Factor	$\geq 90\%$			$\geq 90\%$			$\geq 90\%$		
Lumen Maintenance Factor	$\geq 96\%$			$\geq 96\%$			$\geq 96\%$		
Displacement Factor	≥ 0.9			≥ 0.9			≥ 0.9		
Flicker Metric (PstLM)	≤ 1			≤ 1			≤ 1		

