

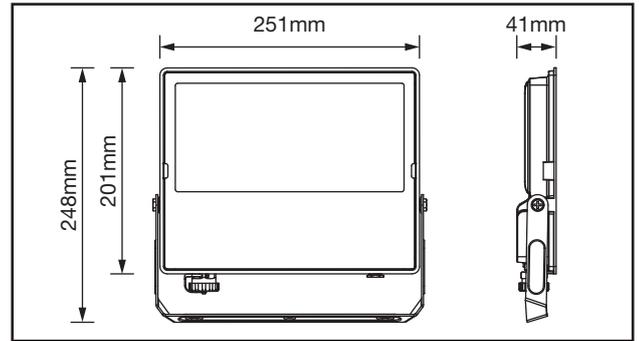
AFL100BK/CCT

100W IP65, CCT & Wattage Selectable, Ultra-Efficient LED High Power Carbon Black Flood Light

SKYLANCER™

PRODUCT FEATURES

- High Efficiency & High Lumen Output $\leq 142\text{lm/W}$
- IP65 & IK06 Perfect for Harsh Environments
- Low Profile Design To Reduce Wind Drag
- CCT Selectable (3000K / 4000K / 6500K)
- Wattage Selectable (60W / 80W / 100W)
- 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 | AFL100BK/CCT | | | | | | | | |
|------------------------------------|--|------------------------|------------------------|--|------------------------|------------------------|--|-----------------------|-----------------------|
| | 100W | | | 80W | | | 60W | | |
| Max Output Power (W) | 100W | | | 80W | | | 60W | | |
| CCT (Kelvin) | 3000K | 4000K | 6500K | 3000K | 4000K | 6500K | 3000K | 4000K | 6500K |
| Luminous Flux (LM) | $\leq 12,800\text{lm}$ | $\leq 14,200\text{lm}$ | $\leq 12,665\text{lm}$ | $\leq 10,250\text{lm}$ | $\leq 11,360\text{lm}$ | $\leq 10,130\text{lm}$ | $\leq 7,690\text{lm}$ | $\leq 8,520\text{lm}$ | $\leq 7,600\text{lm}$ |
| Useful Luminous Flux (LM) | $\leq 10,855\text{lm}$ | $\leq 12,000\text{lm}$ | $\leq 10,700\text{lm}$ | $\leq 8,680\text{lm}$ | $\leq 9,620\text{lm}$ | $\leq 8,560\text{lm}$ | $\leq 6,510\text{lm}$ | $\leq 7,210\text{lm}$ | $\leq 6,420\text{lm}$ |
| LM/W | $\leq 128\text{lm/W}$ | $\leq 142\text{lm/W}$ | $\leq 126\text{lm/W}$ | $\leq 128\text{lm/W}$ | $\leq 142\text{lm/W}$ | $\leq 126\text{lm/W}$ | $\leq 128\text{lm/W}$ | $\leq 142\text{lm/W}$ | $\leq 126\text{lm/W}$ |
| Beam Angle (°) | 110° | | | 110° | | | 110° | | |
| SDCM | ≤ 6 | | | ≤ 6 | | | ≤ 6 | | |
| CRI | ≥ 80 | | | ≥ 80 | | | ≥ 80 | | |
| Peak Intensity (cd) | 4756cd | 5207cd | 4568cd | 3805cd | 4165cd | 3654cd | 2854cd | 3124cd | 2741cd |
| Operating Voltage (V) | 100-240V AC | | | 100-240V AC | | | 100-240V AC | | |
| Operating Current (A max) | 1.2A | | | 1.2A | | | 1.2A | | |
| 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 | | |

