

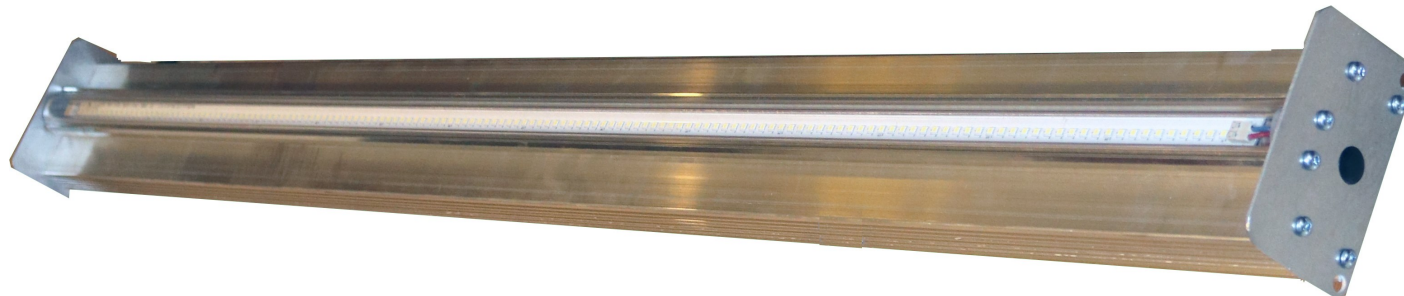
RedBird LED

Next-Generation Cardinal[®] High Bay

- HB-88W-50K-WB, Best Price Ever, 100% Made-In-USA
- 188 Lumens/Watt, 16,949 lumens
- Ten Year Warranty, L70 > 100,000 hours
- Clear or Frosted Lens option
- Factory Direct Pricing, Ships from Stock
- Cable Mount, Grip-Loc Height Adjustable
- Solid Aluminum Extrusion Construction
- Philips Xitanium 95W Driver, 0-10 dimmable
- Dimensions 46" X 4" X 2.5"; Weight 8 lbs.
- Cable Mount, Grip-Loc Height Adjustable

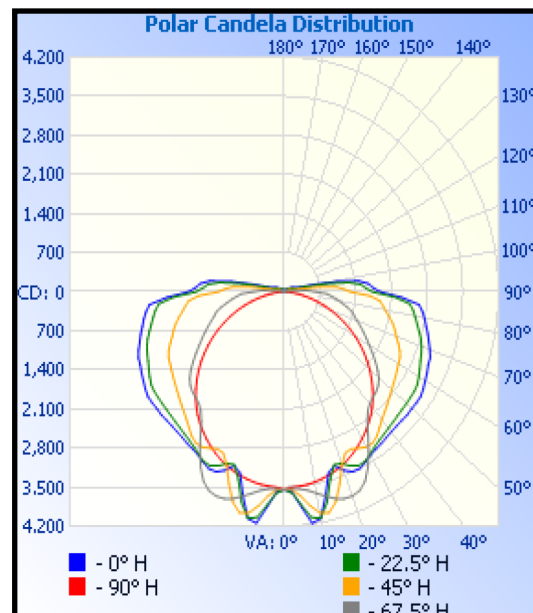
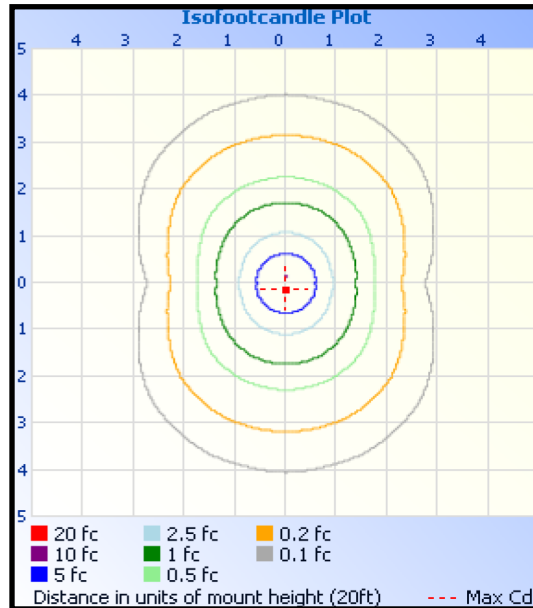


Check DLC Website for Product Listings
Info@redbirdled.com, 770-310-8888
1202 Gail Drive, Atlanta GA 30319



110-277 VAC Compatible. Delivered with flying power lead terminated for 3-prong 110-120 VAC Connection. For connection to 240 or 277 VAC, plug must be cut-off and replaced with NEMA acceptable plug for the higher voltage or the Hot, Neutral and Ground wires need to be connected in an NEC compliant junction box with suitable strain relief.

LM-79 AND ISTMT TEST RESULTS



Photometric Results (120V Only)	HB-88W-50K-WB	
	Integrating Sphere	
Total Luminous Flux (Lumens)	16,949	
Luminous Efficacy (Lumens/Watt)	187.82	
Correlated Color Temperature (CCT K)	5061	
Color Rendering Index (CRI-Ra)	85.3	
R9 Value	6.1	
Total Radiant Flux (Watts)	52.8	
Chromaticity (Chroma x / Chroma y)	0.3436	0.3541
Chromaticity (Chroma u / Chroma v)	0.2095	0.3238
Chromaticity (Chroma u' / Chroma v')	0.2095	0.4857
Duv Value	0.00184	

Electrical Results	HB-88W-50K-WB	
	Integrating Sphere (120V / 277V)	
Input Power (Watts)	90.24	90.03
Input Voltage (Volts AC)	120.15	277.01
Input Current (Amps)	0.862	0.380
Power Factor	0.991	0.957
A-THD% (Current %)	9.28	12.64
Input Frequency (Hz)	60.0	60.0

Additional Parameters	HB-88W-50K-WB			
	Integrating Sphere		Goniophotometer	
Stabilization Time (Light and Power)	60 Minutes		63 minutes	
Test Geometry Configuration	4π		Type C	
Spectroradiometer	Labsphere CDS1100		Gigahertz Optik P9801	
Ambient Temperature	24.5 °C		24.5 deg C	
In-Situ Temp Test (LED TMP / Driver TMP)	LED TMP	40.0 °C	DRIVER TMP	44.5 °C
Spacing Criteria	0° - 180°:	1.44	90° - 270°:	1.28