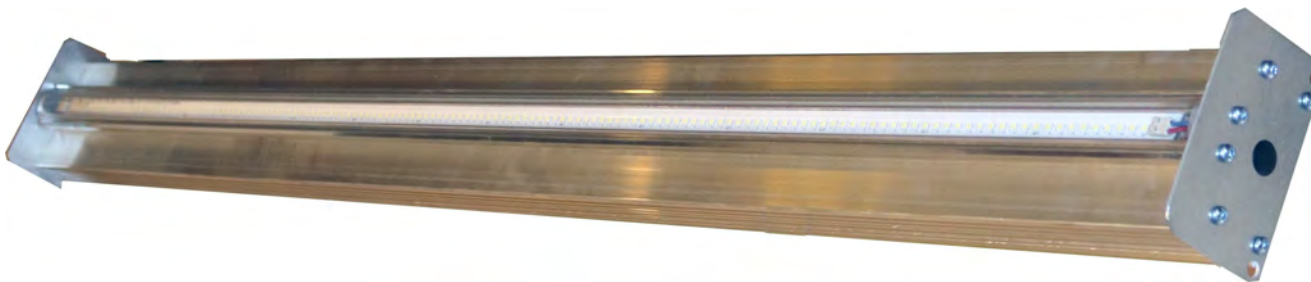


RedBird LED

Next-Generation High Bay Cardinal Linear Light[®]

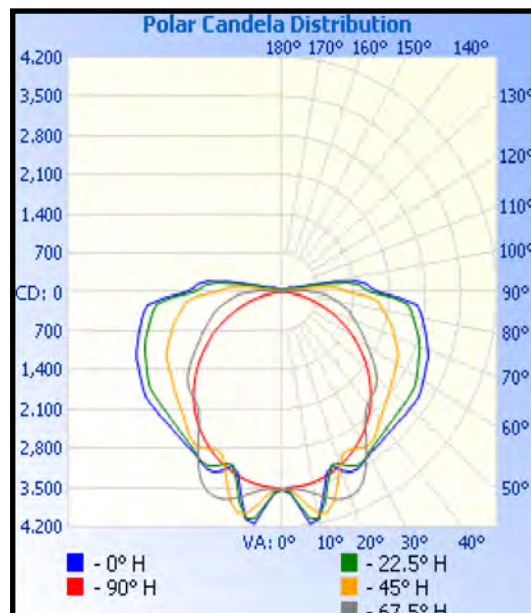
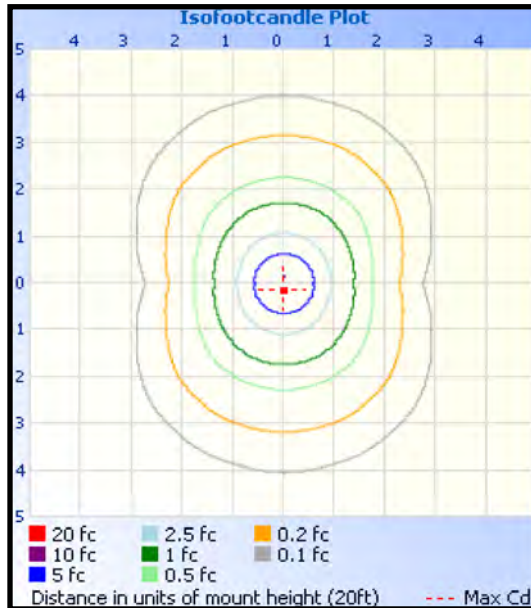
- HB-88W-50K-WB, 100% Made-In-USA
- 188 Lumens/Watt, 16,949 lumens
- Ten Year Warranty, L70 >200,000 hours
- Shatterproof Polycarbonate Lens
- Factory Direct Pricing, Ships from Stock
- Cable Mount with Grip-Loc Height Adjustment
- Solid Aluminum Extrusion Construction
- Philips Xitanium 95W Driver, 0-10 dimmable
- Dimensions 46" X 4" X 2.5"; Weight 8 lbs.
- Operating Environment -20° to 130° F
- Suitable for Damp Location



DLC Premium Listing
Check DLC website to
confirm models listed

110-277 Vac, 50-60 Hz Compatible. Delivered with Sheathed, three conductor, flying power lead to be connected in an NEC compliant junction box with suitable strain relief. For 120 Vac only can have the power cord terminated with a three prong plug, NEMA 5-15.

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