



CardinalTM High Bay - 194 Lumens/Watt*

HB-100W-50K-WB

Best LEDs
Best Driver
Best Chassis
Best Efficacy



10 Year Warranty
Factory Direct Pricing
>100,000 Hour Lifetime
BAA and BABA Compliant
0-10 Volt Dimming, DIM to Zero
Massive Aluminum Extrusions
120-277 Vac, Driver Efficiency > 94%

202 lm/W @ 72% 14,033 Lm Output; 194 lm/W @ 100% 18,771 Lm Output

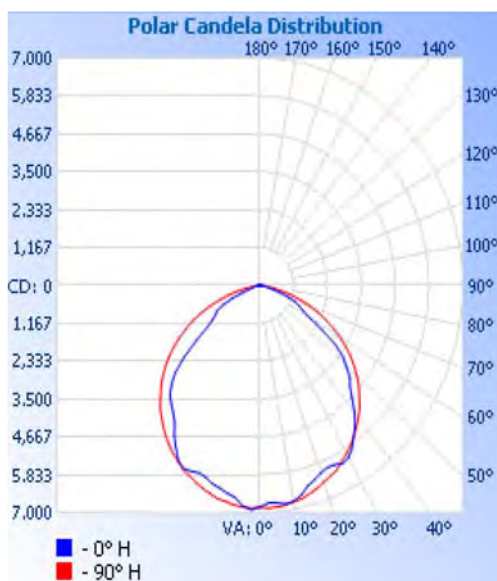
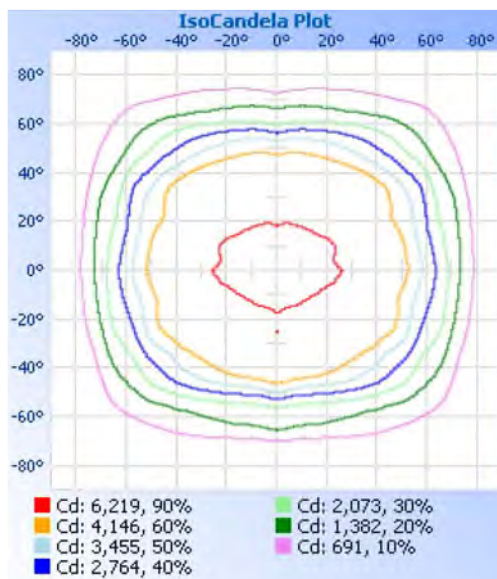
More Light Delivered
Less Money Spent
Built Like a Tank
Runs Like a Ferrari

**Silicone Plugs Seal Strips From
Dust, Bugs and Moisture**



* Check DLC Website for Product Listings
Info@redbirdled.com,
678-733-2473 (678-RED-BIRD)

LM-79 and ISTMT Test Results



Photometric Results	HB-100W-5K-WB	
	Integrating Sphere	
Total Luminous Flux (Lumens)	18,771	
Luminous Efficacy (Lumens/Watt)	193.64	
Correlated Color Temperature (CCT K)	5022	
Color Rendering Index (CRI-Ra)	83.4	
R9 Value	17.7	
Total Radiant Flux (Watts)	53.7	
Chromaticity (Chroma x / Chroma y)	0.3388	0.3456
Chromaticity (Chroma u / Chroma v)	0.2095	0.3205
Chromaticity (Chroma u' / Chroma v')	0.2095	0.4808
Duv Value	-0.00044	

Electrical Results	HB-100W-5K-WB	
	Integrating Sphere (230V)	
Input Power (Watts)	96.94	
Input Voltage (Volts AC)	230.07	
Input Current (Amps)	0.42	
Power Factor	0.958	
A-THD% (Current %)	8.24	
Input Frequency (Hz)	60.00	

Additional Parameters	HB-100W-5K-WB	
	Integrating Sphere	Goniophotometer
Stabilization Time (Light and Power)	35 Minutes	31 minutes
Test Geometry Configuration	4π	Type C
Spectroradiometer	Labsphere CDS1100	Gigahertz Optik P9801
Ambient Temperature	24.8 °C	24.4 deg °C
In-Situ Temp Test (LED TMP / Driver TMP)	LED TMP 54.7 °C	DRIVER TMP 52.5 °C