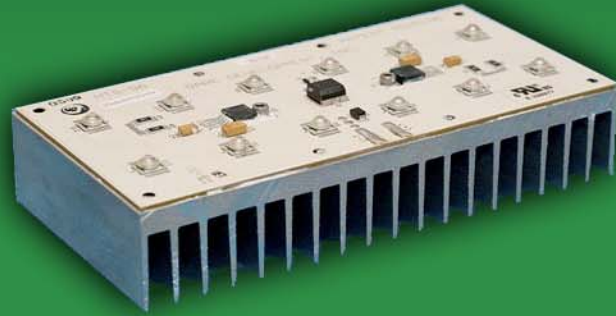
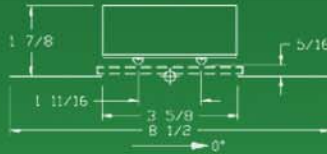


HTS9a Technical Specifications



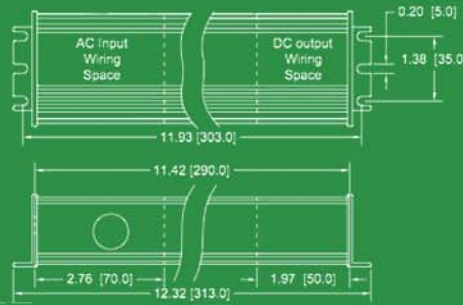
LED Board

Manufacturer	Bare Development Inc
Model	HTS9a
LED Manufacturer	CREE
LED Model	XLamp XR-E
LED Count	12
Solder	Patented Nickel Technique
Life Expectancy	>50,000h
Listed Wattage	30
Tested Wattage	29.8
Certification	UL Approved
Mounting Bracket	Custom Per Order
Min Mounting Space	Not Available



LED Driver

Manufacturer	High Perfection Tech
Model	LP1090-24-GG-299
Input Range	90 to 246 VAC, Full Range or 100-277VAC
Frequency	47 TO 63HZ
Power Factor	>0.95 at full load, 115VAC
Crest Factor	1.5 Max
Inrush Current	40.0 Amps maximum at 230VAC, cold start 25° C
Efficiency	85% typical at 230VAC AND Maximum Load
EMI/EMC Filtering	47CFR, Part 2, Part 15 and Cisper PUB, 22 Class A
Maximum Power	96w
Current Adjust Range	30~50%
Load Regulation	±3%
Leakage Current	0.2mA @ 110VAC, 0.4mA @ 230VAC
Hold Up Time	Half Cycle Minimum at 120VAC and 80% Rated Load
Protection	Over-Voltage, Over-Current, Over-Power and Short Circuit Protection: Auto-Recovery
Seal Rating	IP67
Operating Temperature	-30 to 70°C
Cooling	Convection
Humidity	5% - 95%
Vibration Frequency	5 to 50Hz
MTBF	>100,000 Hours at Full Load
Certification	UL 1310 / UL Class 2, CE

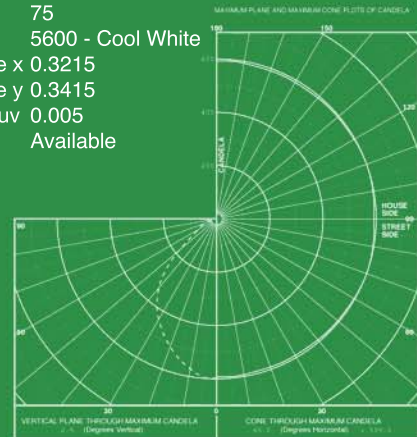
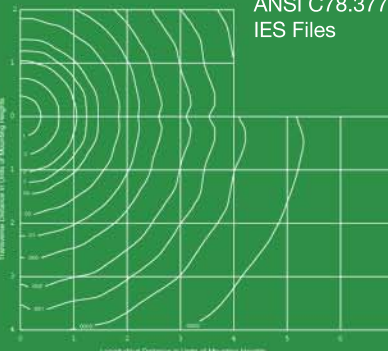


Photometric Info

Testing Procedure	LM-79-08
Cutoff Classification	Full Cutoff
Lumens	1056
Efficiency (lm/w)	37.8
Nominal lm/w	87.9
CRI	75
Color Temperature (k)	5600 - Cool White
Chromacity Coordinate x	0.3215
Chromacity Coordinate y	0.3415
ANSI C78.377-2008 Duv	0.005
IES Files	Available

Maximum Plane & Maximum Cone Plots of Candela

ISO footcandle lines of Horizontal Illumination 20' Mounting Height



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Countryside, IL 60525

"High Tech Solutions"



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