

# LIGHTNING COMPARISON CHART - DIGITAL PROJECTION, INC.

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	Feature / Specification	DP LIGHTNING 45HD-3D	Brand B *	Brand C *
	<b>Native Resolution</b>	2048 x 1080	2048 x 1080	2048 x 1080
<b>A</b>	<b>Lumens</b>	30,000	30,000	30,000
	<b>Size (volume) in cubic feet</b>	<u>13.34</u>	<u>28.15</u>	<u>24.70 **</u>
	<b>Weight in Lbs</b>	<u>249</u>	<u>400</u>	<u>310</u>
	<b>Lamp Wattage in Kilowatts (Kw)</b>	<u>3.6</u>	<u>6.3</u>	<u>6.0</u>
<b>B</b>	<b>Total Chassis Power Consumption in Kw (maximum)</b>	<u>4.6</u>	<u>8.4</u>	<u>7.0</u>
	<b>Thermal Output (BTU/Hr)</b>	<u>15,695</u>	<u>25,100</u>	<u>23,883 (4)</u>
	<b>Lumens per watt (A / B)</b>	<u>6.5</u>	<u>3.6</u>	<u>4.3</u>
	<b>Operational hours (Kwh) per average day</b>	4	4	4
<b>D</b>	<b>Operational Days per year</b>	260	260	260
<b>E</b>	<b>Kwh per average Work Year (C x D)</b>	1040	1040	1040
	<b>Total Chassis Power Consumption per year in Kwh (B x E)</b>	<u>4784</u>	<u>8736</u>	<u>7280</u>
<b>G</b>	<b>Cost of Electricity per Kwh (1)</b>	\$0.10175	\$0.10175	\$0.10175
	<b>Annual Electricity Cost per unit (F x G)</b>	<u>\$487</u>	<u>\$889</u>	<u>\$741</u>
	<b>Total Lbs of CO2 Produced (2)</b>	<u>7367.36</u>	<u>13453.44</u>	<u>11211.2</u>
	(1 Kw Hour equals 1.54 lbs of CO2 released)			
	<b>Equivalent Gallons of Gasoline to produce similar CO2 (3)</b>	<u>377</u>	<u>688</u>	<u>573</u>
	(19.564 Lbs of CO2 is produced by 1 gallon of gasoline)			
	* Competitive data based on spec sheets posted to competitors web sites on 3-13-08			
	** Combined volume/weight of projector and power supply			
	(1) 2007 Average Cost of Residential and Commercial Electricity in the US from: Energy Information Administration: <a href="http://www.eia.doe.gov/cneaf/electricity/eprm/table5_6_b.html">http://www.eia.doe.gov/cneaf/electricity/eprm/table5_6_b.html</a>			
	(2) Formula converting Electricity to CO2 from: <a href="http://www.epa.gov/cleanenergy/energy-resources/refs.html">http://www.epa.gov/cleanenergy/energy-resources/refs.html</a>			
	(3) Formula converting CO2 to Gasoline from: <a href="http://www.epa.gov/cleanenergy/energy-resources/refs.html">http://www.epa.gov/cleanenergy/energy-resources/refs.html</a>			
	(4) Thermal Output not listed on spec sheet - value is calculated			
	Note: Per the AAA 2007 Gas Watchers Guide, the average car consumes 550 gallons of gas per year			