

## Comparison of 10,000 Lux Light Boxes

Random Product Comparison Chart	10,000 Lux Blue Spectrum	10,000 Lux High Spectrum	Radio Frequency Shielded External	Electronic Ballast Flicker Free	100% C.R.I. Light Transmission	Parabolic Lens (Reduced Glare)	Electric Field Shielded	Low E.M.F. Tested Ballast
SUN-A-LUX	☐	☐	☐	☐	☐	☐	☐	☐
Biolightsystem		☐	☐	☐			☐	
Apollo	☐			☐				
Sunbox		☐		☐				
Ott-Lite		☐	☐	☐			☐	

## Comparison of Full Spectrum Light Boxes

Random Product Comparison Chart	95+ C.R.I. Full Spectrum	90+ C.R.I. Minimum High Full Spectrum	Radio Frequency Shielded External	Electronic Ballast Flicker Free	100% C.R.I. Light Transmission	Parabolic Lens (Reduced Glare)	Electric Field Shielded
SAD-LITE	☐		☐	☐	☐	☐	☐
Biolightsystem		☐	☐	☐			☐
Verilux Happy Light		☐		☐			
Ott-Lite		☐	☐	☐			☐

# Electromagnetic Field Test

## (Full Spectrum Comparison Models)

<b>MAGNETIC FIELD TEST (E.M.F.s)</b>			
<b>Distance of measurement</b>	<b>SAD-LITE™ Electronic Ballast</b>	<b>Ott Bio-Light system (Magnetic Ballast)</b>	<b>Verilux HappyLite</b>
<b>12"</b>	Background	5.5 mg	details coming
<b>24"</b>	Background	0.75 mg	
<b>on/screen</b>	2.2 mg	45 mg	
1. Test background = 0.35 milligauss (mg) 2. At 12" 0.5 mg general background is considered to meet home German standards. 3. At 12" 1 mg general background is considered to meet work German standards. 4. Meter: Leeper #42C			

<b>RADIO FREQUENCY TEST</b>			
<b>Distance of measurement</b>	<b>SAD-LITE Electronic Ballast</b>	<b>Ott Bio-Light system (Magnetic Ballast)</b>	<b>Verilux HappyLite</b>
<b>12"</b>	4 mv	Background	details coming
<b>24"</b>	Background	Background	
<b>on/screen</b>	14 mv	6mv	
1. Test background = 0.7 millivolts (mv) per meter 2. At 12" 10 mv or lower is considered to meet German standards. 3. Meter: Fluke 87 4. Antenna: German Hertzian Dipole			

## ELECTRIC FIELD

Distance of measurement	SAD-LITE™	Unshielded
	Shielded	
12"	Background	1.270 volts
24"	Background	1.035 volts

1. Test background = 140. millivolts (mv) per meter
2. 20 mv or lower is considered to meet German standards
3. Meter: Fluke 87