

# ***KSH250 Power Consumption***

<b>Parameters</b>	
Supply Voltage (VAC)	240
Fixture Weight (LBS)	57
Part Weight (LBS)	144
Price per KWH (Cents)	7
Cycles Per Hour (Line Rate)	60
Production Hours per Day	16
Time per cycle to lift empty fixture (Seconds) -- 30in/s Max Speed	3
Time per cycle to lower empty fixture (Seconds) -- 30in/s Max Speed	3
Time per cycle to lift fixture & part (Seconds) -- 19in/s Max Speed	3
Time per cycle to lower fixture & part (Seconds) -- 19in/s Max Speed	3
Idle Hours Per Day	8
Stand-By Time Per Day (Hours) -- Production time in which hoist is holding static weight of fixture	12.8

<b>Color Code</b>
Measured Value
Input Parameter
Calculated Value

<b>Operating Costs Per Day</b>				
<b>Mode of Operation</b>	<b>Max Current (A)</b>	<b>Max Power (Watts)</b>	<b>Hours in Mode per Day</b>	<b>KWH Consumed</b>
Sleep Mode (Holding Brake Engaged)	0.27	64.8	8	0.518
Static Lift Mode (Hoist holding fixture weight)	0.47	112.8	12.8	1.444
Lifting Empty Fixture	5.4	1296	0.8	1.037
Lowering Empty Fixture	2	480	0.8	0.384
Lifting Fixture & Part	6	1440	0.8	1.152
Lowering Fixture & Part	0.25	60	0.8	0.048
			<b>Total KWH Per Day</b>	<b>4.583</b>

<b>Operating Costs Per Day</b>	
KWH Per Day	4.58
Cost Per Day	\$0.32