## **KNIGHT GLOBAL**

## **KSH Series Power Consumption**

Parameters				
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			

Color Code		
Measured Value		
Input Parameter		
Calculated Value		

## **Operating Costs Per Day**

Mode of Operation	Max Current (A)	Max Power (Watts)	Hours in Mode per Day	KWH Consumed
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
Operating Costs Por Day		Total KWH Per Day	4.583	

Operating Costs Per Day			
KWH Per Day	4.58		
Cost Per Day	\$0.32		

