

Parasitic Power		Area 1	Area 2
Total Emergency charging power (Pem)	1	924	
Total lighting controls standby power (Ppc)	2	154.8	
Luminaire Data			
Total Installed Power (pn)	3	31719.6	
Operating Hours			
Daylight operating hours (tD)	4	2770	
Non-daylight operating hours (tN)	5	730	
Standby year time (ty)	6	8760	
Emergency Lighting Charge Time (te)	7	8760	
Factors			
Constant Illuminance Factor (Fc)	8	0.9	
Occupancy dependancy factor (Fo)	9	0.9	
Daylight Dependancy Factor (FD)	10	0.9	
Parastic Energy			
Lighting Controls parasitic power	11	814248.00	0.00
Emergency Llighting parasitic power	12	8094240.00	0.00
Total Parasitic Power	13	8908.49	0.00
Illumination Energy			
Energy Usage without daylight/occupancy control	14	28547.64	0.00
Daylight Energy usage	15	2243.70	0.00
Non-daylight energy usage	16	657.00	0.00
Total energy usage for illumination			
Total annual energy usage	17	82808.14	0.00
Total useful floor area in square metres	18	91716.63	0.00
	19	2422.00	
Lighting Energy Numeric Indicator (LENI)			
	20	37.87	#DIV/0!

Detailed explanation

An office

Size: 86.5 x 28 m
300 96235251 Menlosft SR+ 3x24W HFI
96 Emergency Versions
Emergency Charge Power = 9 w Per fitting
Standby power HFD ballast 0.4w per fitting
6 x illuminated exit boxes. Emergency Charge Power 10w per fitting

The office is open during the following hours, 50 weeks of the year

Monday to Friday : 8am to 8pm
Saturday & Sunday 8am to 1pm
Assume 2,770 hours are in daylight

Photocell Control Required.
Presence Detection Required

