

The Joseph Bramah (Wetherspoons)
15 Market Hill
Barnsley
S Yorks
S70 2PX

Lighting Survey.

1. 40 watt lamps –(x103) 1,000 hours rated life
 2. 50watt l/v lamps- (x43) 2,000 hours rated life
 3. 500 watt halogens –(x8) 2,000 hours rated life
 4. 58 watt fluorescent lamps T8- (x21) 10,000 hours rated life.
 5. 36 watt fluorescent lamps.. T8- (x1) 10,000 hours rated life.
- Hours of operation per day - 21

PROPOSED LIGHTING REPLACEMENTS

1. 7watt es/e27 – (x103) . 15,000 Hours rated life
2. 7 watt GU10 – (x43) 15,000 Hours rated life
3. 42 watt ECO floods - (x8) 15,000 Hours rated life
4. 30 watt 8 TO 5 High frequency ballasts - (x21) 50,000 hours rated life
30watt T5 Tubes – (x21) 20,000 hours rated life
5. 21watt 8 TO 5 High frequency ballast – (x1) 50,000 hours rated life.
21 watt T5 Tubes – (x1) 20,000 hours rated life..

UPGRADE COST

MATERIALS £ 1,207.00

LABOUR £ 600.00

TOTAL £1,807.00 + VAT.

ENERGY SAVING COSTS PER YEAR

Savings on incandescent lamps £8,092.50	CO2 SAVED (kg) 14,103.60 kg
Savings on fluorescent tubes £409.00	CO2 SAVED (kg) 2,965.00 kg

TOTAL ENERGY SAVING £8,501.50

TOTAL CO2 17,068.00 kg

ENERGY SAVING PER WEEK IS £163.49

PAYBACK PERIOD OF UPGRADE IS 11.05 WEEKS

THIS IS CALCULATED BY DIVIDING THE UPGRADE COST BY THE WEEKLY SAVING