

Human Resources department LED lighting upgrade

Project payback

HR Offices - Woodbury Wing										
Description	No Fittings	Hours p/day	Days p/week	Weeks p/year	Hours p/year	Watts p/lamp	Watts consumed	Annual kWh	£ p/kWh	Energy Costs per annum (inc VAT)
T8 Panels (3 24w lamps)	44	10	5.5	52	2860	72	85	10,696	0.16	£ 2,053.71
Replacement Lamps										
Description	No Fittings	Hours p/day	Days p/week	Weeks p/year	Hours p/year	Watts p/lamp	Watts consumed	Annual kWh	£ p/kWh	Energy Costs per annum (inc VAT)
RXL-96631166 32W	29	10	5.5	52	2860	32	32	2,654	0.16	£ 509.58

Room	Current fittings	Replacement fittings
WB22	8	6
WB24	8	6
WB25	18	12
WB26	4	2
WB28	4	2
Store	2	1
	44	29



Before and after



Annual Saving	£ 1,544.13
Project Cost (inc VAT)	£ 999.91
Paypack period years	0.65
Annual kWh saving	8,042