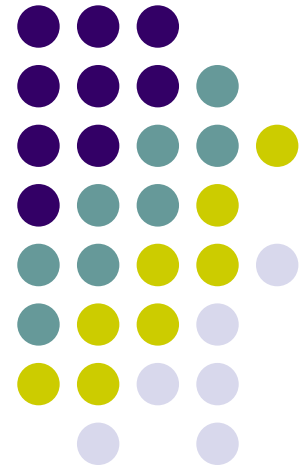


i|VISION

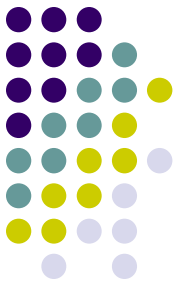
Case Study : Neville Hall Hospital, Gwent
(Hallway Lighting)



Gwent Healthcare
N H S T r u s t



Project Brief



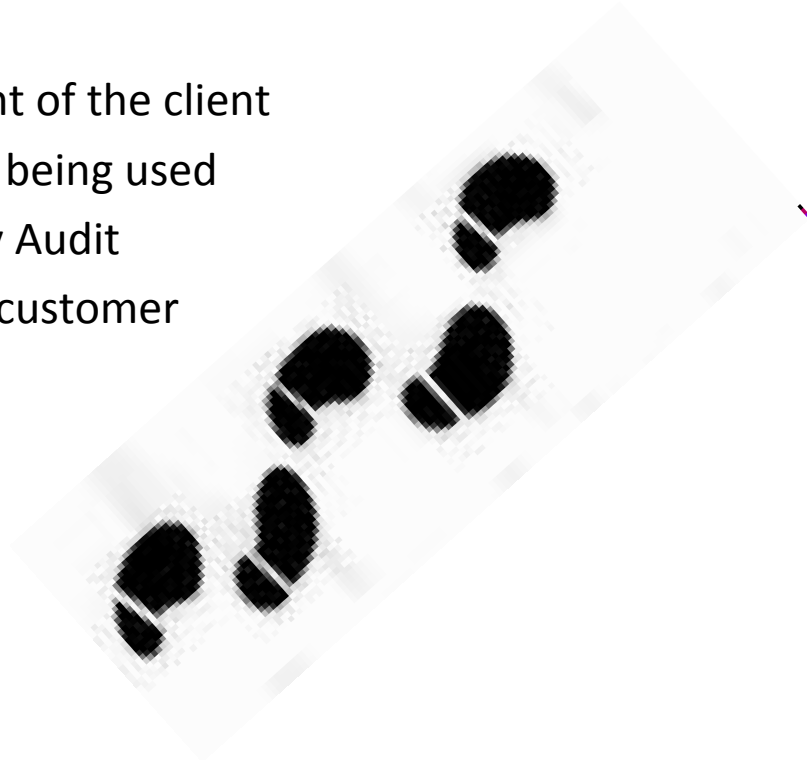
- To provide a low energy efficient solution for the hallway lighting for the NHT
- Offer significant savings on energy bills and Maintenance costs.
- Improve the lighting throughout the facility



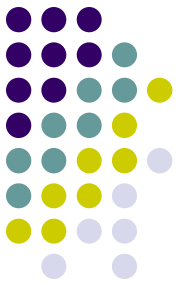
Steps Taken to complete



1. Understand the requirement of the client
2. Review the existing lighting being used
3. Complete an i-vision Energy Audit
4. Present the solution to the customer
5. Install and project manage



The Energy Audit



	Lamp Power (w)	Quantity	watts	Price of elec	Price per hour	Cost per day (14hrs)	Price per year
Conventional Lamp	100	10	1000	.10p	10p	£1.40	£511
4.5 w LED spot	4.5	40	180	.10p	.018p	25p	£91.98

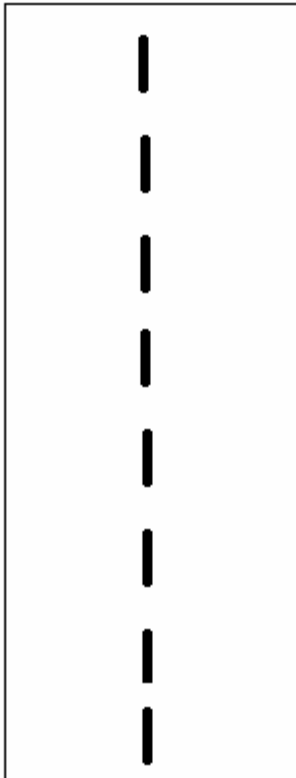
Yearly Savings £419.02

Cost of lamps £800

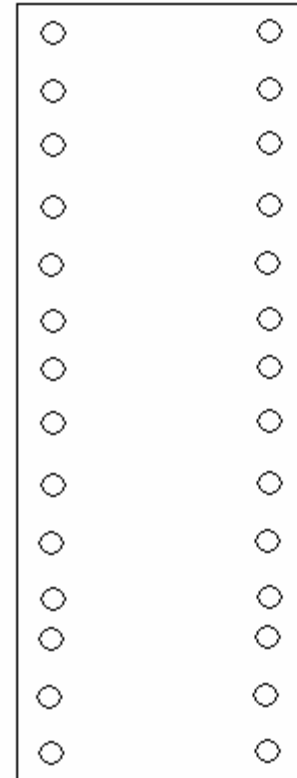
Pay Back period 1.9 years

Whole of life savings £4,499.22

Changing the Lighting design



Existing Lighting Scheme



proposed Lighting Scheme



What This Does For

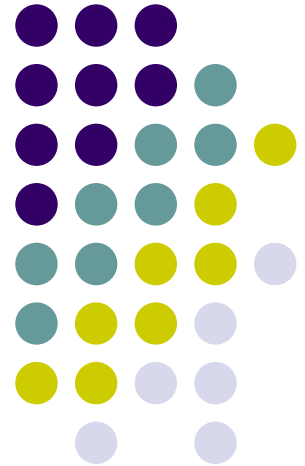
You **1**

Financially

Achieves

£4,499

Whole of Life savings



What This Does For

You

3

Maintenance

Reduces Maintenance

50,000 Hour Life

