



DISPLAY LIGHTING HIGH PERFORMANCE LED LAMPS

Complies with Part L1a Building Regulations: Conservation of Fuel & Power

ENERGY COSTING COMPARISON FOR TRIPLE HIGH POWER LED AND 12V HALOGEN REFLECTOR LAMPS

| | LAMP TYPE | MARK VII HIGH POWER LED LAMPS | HALOGEN DICHROIC REFLECTOR |
|--------------------------|------------------------------------|--------------------------------|--------------------------------|
| A | Lamp Life | 30'000 Hr | 3000 Hr |
| B | Number of Lamps Required | 1 | 10 |
| C | Power Consumption per Lamp | 5W | 50W |
| D | Lamp Cost | £ 17.50 | £ 1.00 |
| E | Power Consumption per Lamp (A x C) | 150KW | 150KW |
| F | Total Power Consumption (B x E) | 150KW | 1500KW |
| G | Electricity Cost (KW per Hour) | £ 0.07 | £ 0.07 |
| H | Total Lamp Cost (B x D) | £ 17.50 | £ 10.00 |
| I | Total Energy Cost (F x G) | £ 10.50 | £ 105.00 |
| J | Provisional Cost / Lamp (H + I) | £ 28.00 | £ 115.00 |
| K | Replacement Cost per Lamp | Your Maintenance Costs Here... | Your Maintenance Costs Here... |
| L | Total Lamp Replacement Costs | K x 1 | K x 10 |
| TOTAL COST / LAMP | | J + L = | J + L = |

| | LAMP CODES | Lamp Life | Colour |
|---|--|--------------|------------|
| 1 | MR16-4-MKV MR16 4W High Performance LED Lamp | 30'000 Hours | Warm White |
| 2 | MR16-5-MKVII MR16 5W High Performance LED Lamp | | White |
| 3 | PAR16-4-MKV PAR16 4W High Performance LED Lamp | | Warm White |
| 4 | PAR16-5-MKVII PAR16 5W High Performance LED Lamp | | White |

To achieve the optimum performance from the MR16 High Power LED Lamps operate on 12VDC current supplied by a suitable LED Power Supply from Display Lighting.

These lamps will operate on quality 12VAC Transformers but the life of the lamps is considerably reduced.

Display Lighting Ltd

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