

**THORN EMI**

**SON**

**Guaranteed**

**for**

**8000 hrs**

**The most efficient lamp ever invented**

# THORN EMI SON- The Energy Saving Lamp

'SON' means high pressure sodium – the lamp of the future. We claim it achieves the most efficient form of lighting ever invented – for these reasons:

THORN EMI SON lamps may give twice as much light as the lamps you are using now – even if your existing installation uses mercury discharge lamps.

THORN EMI SON lamps – unlike low-pressure sodium – give a pleasing golden-white light that is absolutely ideal for industrial interiors, outdoor use, and many commercial interiors.

THORN EMI SON lamps can cut your running costs drastically, boost morale and increase productivity. Abertay's Paper Sack Co. in N. Ireland (see picture on right) achieved this by replacing 64 8ft 125W fluorescent lamps with 44 250W SON Deluxe lamps, thereby cutting the electrical loading by 7.5 kW and increasing the lighting level by 50 lux.

THORN EMI have now introduced a new 8000-hour guarantee on their SON lamps. In practice, THORN EMI SON lamps may last three times as long as the guarantee, because THORN EMI SON is now probably the most long-living electric lamp of all. Many installations are achieving average lives in excess of 20,000 hours.

The combination of high lamp efficiency (averaging 100 lumens per watt) good colour, low running cost and long life add up to one thing – high total lighting efficiency over a long period.

# Guarantee

## **THORN EMI guarantees its SON lamps against manufacturing defects:-**

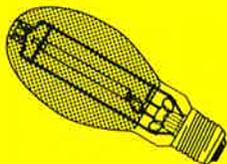
1. Free of charge replacement lamps or credit at our discretion will be given pro rata to use during the first 8,000 hours of operation. For instance 25% replacement will be given for failure at 6,000 hours.
  2. Applies to lamps operated on suitable control gear and appropriate voltage and when the lamp is properly used for the purpose for which it was designed.
  3. Applies to all THORN EMI standard elliptical, tubular, double-ended and reflector lamps (SON-E, SON-T, SON-TD, SONDL-E, SONDL-T and SON-R).
  4. Applies to lamps sold in U.K. only.
- This guarantee does not affect statutory consumer rights.



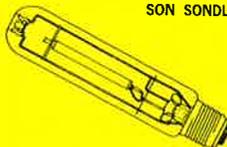
44 THORN EMI SON Deluxe lamps in Lopak fittings replaced 64 fluorescent fittings in Abertay's Paper Sack Company, cutting the previous electrical loading by nearly one third and increasing the illuminance level by one third.

# THORN EMI SON-Energy Savers

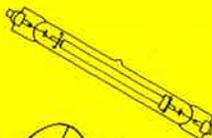
THORN EMI Manufacture and supply the following high pressure sodium lamp types:-



SON SONDL



SON-T SONDL-T SONS-T



SON-TD



SON-R

## SON

High pressure sodium lamp with an elliptical outer bulb coated on the inside with a diffusing coating. Available in wattage ratings from 50W to 1000W.

## SONDL

De luxe colour versions of SON. Available in 150W, 250W and 400W ratings. These lamps are electrically and dimensionally identical to the standard SON of equivalent wattage.

## SON-T

This is a tubular version of the SON lamp and is available in wattages from 70W to 1000W.

## SONDL-T

De luxe colour version of SON-T. Available in 150W, 250W and 400W ratings.

## SONS-T

A high pressure lamp with clear tubular bulb. This lamp available in 150W, incorporates an advanced design of arc tube giving a gain of 10% in lumen output over the standard rating. For maximum performance these lamps require a special ignitor.

## SON-TD

A double end tubular lamp with clear quartz sleeve. These lamps are specially designed for floodlighting use.

## SON-R

A 70W soft glass reflector bulb designed primarily for downlighter and display uses in commercial interior lighting.

For more detailed information on THORN EMI products please consult your nearest THORN EMI Lighting office.

### THORN EMI Lighting Ltd

#### Head Office

Commercial House  
Lawrence Road, London N15 4EG  
Telephone 01-802 3151  
Telex 263201 TOTLG

#### UK Regions and Showrooms

##### Belfast

Prince Regent Road, Castlereagh  
Belfast BT5 6QR  
Telephone 0232-794122  
Telex 74695 TLLBR G

##### Birmingham

Thorn House, Aston Church Road  
Sallyley Trading Estate  
Birmingham B81 8E  
Telephone 021-327 1535  
Telex 337435 TLLBhm G

##### Cardiff

Thorn House, Penarth Road  
Cardiff, Wales CF1 7YP  
Telephone 0222-44200  
Telex 498334 TLLCdf G

##### Leeds

Thorn House, 3 Ring Road  
Lower Wortley, Leeds LS12 6EJ  
Telephone 0532-636321  
Telex 55110 TLLLds G

##### London

Victoria Trading Estate  
Victoria Way, Charlton  
London SE7 7PA  
Telephone 01-858 3281  
Telex 896171 TLLChn G

##### Manchester

Thorn House,  
2 Claytonbrook Road  
Clayton, Manchester M11 1BP  
Telephone 061-223 1322  
Telex 668642 TLLMcr G

##### Scotland

Thorn House, Industrial Estate  
Larkhall, Lanarkshire ML9 2PA  
Telephone 0698 886007  
Telex 777930 TLLLkh G

#### Government Contracts & Order Office

Commercial House  
Lawrence Road  
London N15 4EG  
Telephone 01-802 3151  
Telex 263201 TOTLG

#### Administration for Overseas Subsidiaries & Direct Exports

PO Box 18  
3 King George Close  
Eastern Avenue West  
Rornford, Essex RM7 7PF  
Telephone 0708 66033  
Telex 897759 THLITE G  
Cables Thornlite Rford

THORN EMI Lighting Ltd is constantly developing and improving its products. The right is reserved to change specifications without prior notification or public announcement. All descriptions, illustrations, drawings and specifications in this publication present only general particulars and shall not form part of any contract. The majority of the products described herein are manufactured in the United Kingdom, products not so manufactured will bear an appropriate indication.

**THORN EMI Lighting**