



Notification Number: 1990/343/UK

## DESIGN of road lighting for all-purpose roads

Date received : 16/11/1990  
End of Standstill : 27/02/1991 ( 27/05/1991)  
Issue of comments by : France  
Issue of detailed opinion by : Commission

### Message

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TELEX 001

COMMUNICATION FROM THE COMMISSION - SG (90) D/60552  
DIRECTIVES 83/189/EEC AND 88/182/EEC

NOTIFIKATION - NOTIFIZIERUNG - NOTIFICATION - NOTIFICACION  
NOTIFICATION - NOTIFICA - KENNISGEVING - NOTIFICACAO 90/0343/UK

FRISTERNE INDLEDES IKKE -KEIN FRISTBEGINN - DOES NOT OPEN THE  
DELAYS - NO ABRE EL PLAZO - N'OUVRE PAS DE DELAIS - NON FA  
DECORRERE LA MORA - GEEN TERMIJNBEGIN - NAO INICIA O PRAZO

- 3B2 : 9001562.EN

**1. Structured Information Line**

TLX 001 IND- 90 0343 UK- EN ----- 901116 --- ---

**2. Member State**

UNITED KINGDOM

**3. Department Responsible**

Department of trade and industry, standards and quality  
policy unit

**3. Originating Department**

scottish development department

**4. Notification Number**

90/0343/UK

**5. Title**

DESIGN of road lighting for all-purpose roads



## 6. Products Concerned

ROAD lighting equipment

## 7. Notification Under Another Act

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## 8. Main Content

This technical memorandum sets out performance requirements and procedures for the design of road lighting for all-purpose trunk roads in Scotland and implements the relevant

parts of BS 5489:1987

Flexibility in the use of new lantern developments and completion between alternative light sources are encouraged where environmental conditions allow. Account is taken of European and international standardisation, design procedures have been developed and adapted from international work by the CIE (Commission internationale de l'éclairage).

## 9. Brief Statement of Grounds

The technical memorandum is needed to clarify the departmental requirements for the design of road lighting and to complement current advice on assessment methods and the subsequent operation and maintenance of lighting.

## 10. Reference Documents - Basic Texts

A) technical memorandum SH 4/90

b) 1. British standard BS 5489: road lighting:  
part 1: general principles: 1987

2. British standard BS 5489: road lighting:  
part 2: code of practice for lighting for traffic routes 1987

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3. British standard BS 5489: road lighting:  
part 8: code of practice for lighting for roads near aerodromes, railways, docks and navigable waterways: 1987

4. British standard BS 5490: specification for classification of degrees of protection provided by enclosures: 1977 (1980) (under revision) - BS 5490 is equivalent to IEC 529, extracts giving relevant tables only were supplied.

5. Commission internationale de l'éclairage: publication no. 30.2 (TC-4.6) calculation and measurement of luminance and illuminance in road lighting: 2nd edition CIE. 1982

6. International astronomical union/commission internationale de l'éclairage (IAU/CIE). IAU/CIE publication no 1 - guidelines for minimising urban sky glow near astronomical observatories. CIE 1980

7. Commission internationale de l'éclairage/permanent international association of road congresses



(cie/piarc). joint technical report. cie publication  
no 66 - road surfaces and lighting. cie 1984.  
(relevant extracts only were supplied).  
The seven documents listed under b) have already been  
supplied to the commission under cover of notification  
90/1/7/UK.

**11. Invocation of the Emergency Procedure**

no

**12. Grounds for the Emergency**

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D. WILLIAMSON  
COMEUR  
NNNN