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I. Ye. Levitin, V. V. Meshkov, et al., 2 pp.

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Communication no. 984.  
Order from OTS or SLA \$1.10 61-13952

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p. 13-17.

DESCRIPTORS: \*Illumination. \*Lighting equipment.  
Mathematical analysis.

Measurements were made to verify the form of the  
general formula  $S = f(B, B_0, \omega)$ , to determine the  
qualitative relationship between glare and the position  
of the glare source, and to determine the additivity of  
glare produced by several sources. Here S represents  
total glare effect, B is luminance of the glare source,  
 $B_0$  is background luminance, and  $\omega$  is the solid angle  
subtended by the glare source at the eye of the observer.  
(Physics--Optics, TT, v. 6, no. 1)

61-13952

I. Title: Glare  
1. Netushil, Ya.  
II. LC-984  
III. Department of Scientific  
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(Gt. Brit.)

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LUMINAIRES FOR INDUSTRIAL BUILDINGS; THE  
LIMITATION OF GLARE FROM LUMINAIRES FOR  
USE IN DWELLINGS; THE MEASUREMENT OF THE  
BRIGHTNESS OF LUMINAIRES (Otsenka Slepnyash-  
chego Deyatviya Svetil'nikov Rasseyanogo Sveta dlya  
Promyshlennykh Predpriyati; Organizatsionnye Slepnyash-  
chego Deyatviya Svetil'nikov dlya Zhilikh Promesh-  
chenii; K Voprosu o Metodike Izmereniya Yarkosti  
Svetil'nikov) tr. by G. L. Cairns. May 60 [17]p.  
14 refs. DSIR Library Communication no. 960;  
M. 2410.

Order from OTS or SLA \$1.60

61-15506

Trans. of Svyetotekhnika (USSR) 1959, v. 5, no. 8,  
p. 5-15 and 18-20

DESCRIPTORS: \*Lighting equipment, \*Industrial  
plants, \*Housing, \*Illumination, Light, Brightness,  
Diffusion, Measurement.  
(Physica--Optica, TT, v. 6, no. 1)

61-15506

- I. Krol', Ta. I.
- II. Ivanova, N. S.
- III. Sviridov, I. I.
- IV. LC-960
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- VI. Department of Scientific  
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<p>Boldyrev, N. G. and Kuznetsov, V. I. ABSORPTION AND SCATTERING OF LIGHT. [1961] 6p. 2 refs. Order from RIS \$15.00</p>	<p>61-22505 I. Boldyrev, N. G. II. Kuznetsov, V. I. III. RIS E-529 IV. Research Information Service, New York</p>
<p>Trans. of <u>Svetotekhnika</u> (USSR) 1959 [v. 5] no. 8, p. 14-17.</p>	<p>109619</p>
<p>DESCRIPTORS: *Light, Absorption, Scattering.</p>	<p>Office of Technical Services</p>
<p>(Physics--Optics, TT, v. 6, no. 2)</p>	

61-22503

Sviridov, Yu. I.  
MEASUREMENT OF THE BRIGHTNESS OF A LIGHT-  
ING SOURCE. [1961] 5p. 4 refs.  
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RIS E-527

Trans. of Svetotekhnika (USSR) 1959 [v. 5] no. 8,  
p. 19-20.

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DESCRIPTORS: \*Light, Sources, \*Incandescent lamps,  
\*Brightness, Measurement, Light transmission.

I. Sviridov, Yu. I.  
II. RIS E-527  
III. Research Information  
Service, New York

109610

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(Physics--Optics, TT, v. 6, no. 2)

Rabotnova, T. N. and Konochuk, L. V.  
PARAMETERS AND TECHNICAL FEATURES OF  
PHOTOCELLS WITH TRIALKALI CATHODES. [1961]  
[9]p. (11 figs. 3 tables omitted) 3 refs. AERDL T-721;  
RIS E 528.  
Order from OTS or SLA \$1.10 61-28945

Trans. of *Svetotekhnika* (USSR) 1959 [v. 5] no. 9,  
p. 1-7.  
Also available from RIS \$4.00 as RIS E-528.

DESCRIPTORS: \*Photoelectric cells, \*Cathodes,  
Design, Sensitivity, \*Alkaline cells, Electrical  
equipment.

The objects of the present work were to examine  
methods of making such cathodes, to study the prop-  
erties of the resulting photocells, and to design a  
high grade photocell based on that type of cathode.  
(Author)  
(Engineering--Electrical, TT, v. 7, no. 8)

61-28945

- I. Rabotnova, T. N.
- II. Konochuk, L. V.
- III. AERDL T-721
- IV. RIS E-528
- V. Army Engineer Research  
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Fort Belvoir, Va.

201501

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MEASUREMENT OF THE VISIBILITY OF AN OBJECT  
AGAINST A DARKER BACKGROUND BY MEANS OF A  
POLARIZING INSTRUMENT. [1961] 10p. 14 refs.  
Order from RIS \$12.00 RIS E-531

I. Gurevich, N. N.  
II. RIS E-531  
III. Research Information  
Service, New York

Trans. of Svetotekhnika (USSR) 1959 [v. 5] no. 11,  
p. 8-13.

DESCRIPTORS: \*Visibility, \*Measurement,  
Polariscopes, Binoculars.

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Order from RIS \$5.00                      RIS E-532

Trans. of *Sovetskoe Radio* (USSR) 1959 [v. 5] no. 11,  
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DESCRIPTORS: \*Brightness, \*Visibility, Theory,  
Light transmission.

- I. Title: Weber-Fechner law
- I. Gavrilov, V. A.
- II. RIS E-532
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(Physics--Optics, TT, v. 6, no. 2)



Electrode Disc Lamps - Carbon Arc Disk Lamps, by  
A. I. Dodretsova, S. I. Levikov, 7 pp.

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pp 20-24.

ACSI I-8220  
ID 2224753

Sci - Phys  
May 63

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NY-2900/10

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Miniature Incandescent Lamps for 110-230 Volt,  
RUSSIAN, per, Svetotekhnika, No 3, 1960, p 32.

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61-15638

Ostrovskiy, M. A.  
DAZZLE METER FOR STREET LIGHTING IN-  
STALLATIONS (Izmeritel' Koeffitsiyenta Osleplennosti  
v Uluchnykh Osvetitel'nykh Ustanovkakh). Jan 61  
[10]p. 4 refs. RTS 1671.  
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p. 26-30.

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1. Light--Measurement
  2. Urban areas--Lighting systems
  3. Lighting equipment--Testing equipment
  4. Title: Dazzle
- I. Ostrovskiy, M. A.
  - II. RTS-1671
  - III. Department of Scientific and Industrial Research (Gt. Brit.)

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JPRS 5715

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JPRS 5715

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The Lighting of Windowless Buildings, by  
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NLL M 8810

Sci - Engr  
Mar 63

*225,408*

Lighting of Windowless Buildings in Designs of  
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Knorring.

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NLL M 881.0

Sci - Engr  
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*NIA 11 5150*

*225,407*

Conference on the Artificial Lighting of  
Windowless Buildings, by V. F. Etukina.

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Sci .. Engr  
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Electronic Photoflash Lamps, 4 pp.

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NIL M 5052

Sci - Engr

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RUSSIAN, par, Svetotekhnika, No 9, 1960,  
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JPRS 7856

Sci - Electron

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Natural Illumination of State Picture Gallery  
USSR Moscow, by N. N. Kireev.

RUSSIAN, per, Svetotekhnika, Vol. VI, No 10,  
1960, pp 1-8.

NLL M 5051

Sci - Engr  
Apr 63

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The Problem of the Artificial Lighting of Factory  
Building With No Natural Daylighting, by N. I. Zoz.

RUSSIAN, per, Svetotekhnika, Vol VI, No 11, 1960,  
pp 19-21.

NLL M 8807

Sci - Engr  
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Measurements of the Coefficients of Spectral  
Brightness in Conditions Outside the Laboratory,  
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MLL M. 3615

Sci - Phys

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pp 29-30.

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Jun 61

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Efficiency of Use of High-Frequency Fluorescent  
Lighting, by M. S. Ryabov.

RUSSIAN, per, Svetotekhnika, Vol VII, No 2,  
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NLL 14 8809

Sci - Engr  
Mar 63

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(SP-1818)

Sergey Vasil'yevich Kravkov, by V. V. Meshkov, 5 pp.

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JPRS 4723

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