



Standard

COMMISSION INTERNATIONALE DE L'ECLAIRAGE
INTERNATIONAL COMMISSION ON ILLUMINATION
INTERNATIONALE BELEUCHTUNGSKOMMISSION

CIE S 017/E:2011

ILV: International Lighting Vocabulary

Vocabulaire International de l'Eclairage

Internationales Wörterbuch der Lichttechnik

CIE Standards are copyrighted and shall not be reproduced in any form, entirely or partly, without the explicit agreement of the CIE.

CIE Central Bureau, Vienna
Kegelgasse 27, A-1030 Vienna, Austria

CIE S 017/E:2011

UDC: 628.9

Descriptor: Lighting

© CIE 2011

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from CIE Central Bureau at the address below.

CIE Central Bureau
Neugebäudegasse 27
A-1030 Vienna
Austria
Tel.: +43 1 714 3187 0
Fax: +43 1 714 3187 18
e-mail: ciecb@cie.co.at
www.cie.co.at

Foreword

Standards produced by the Commission Internationale de l'Eclairage are concise documents on aspects of light and lighting that require a unique definition. They are a primary source of internationally accepted and agreed data which can be taken, essentially unaltered, into universal standard systems.

This CIE Standard has been produced following intensive work by the Divisions of the CIE. It presents definitions for terms related to the science and art of light and lighting, colour and vision, photobiology and image technology. It does not give extensive detail or explanations for the application of these terms; this information is available in the Technical Reports and Standards produced by the CIE.

Currently in preview, click buy full version

CONTENTS

Foreword	III
Introduction	1
1 Scope	2
2 Terms and Definitions	2
A	2
17-1 Abney phenomenon	2
17-2 Abney's law	2
17-3 abnormal cathode fall	2
17-4 absolute thermal detector	2
17-5 absorptance [α]	2
17-6 absorption	2
17-7 accent lighting	2
17-8 access zone (of a road tunnel)	2
17-9 access zone luminance	3
17-10 accommodation	3
17-11 achromatic colour	3
17-12 achromatic stimulus	3
17-13 actinic	3
17-14 actinic dose [H_{act}]	3
17-15 actinic effect, indirect	4
17-16 actinism	4
17-17 action spectrum	4
17-18 adaptation	4
17-19 adaptation, incomplete	4
17-20 adaptation, state of	4
17-21 adapted white	4
17-22 adaptive colorimetric shift	5
17-23 adaptive colour shift	5
17-24 additive mixture of colour stimuli	5
17-25 additivity law of von Krefeld	5
17-26 adjustable luminance	5
17-27 adopted white	5
17-28 aerodrome beacon	5
17-29 aeronautical ground light	5
17-30 afterglow	5
17-31 aggregates (of a road surface)	5
17-32 air-traffic lamp	6
17-33 all-purpose road	6
17-34 Allard's law	6
17-35 alternating light	6
17-36 alychne	6
17-37 ambient illuminance level (of a display)	6
17-38 ambient white point (of a display)	6
17-39 amplitude of fluctuation of the luminous flux (of a source run on alternating current)	7
17-40 angle of incidence [ε]	7
17-41 angle of observation [α]	7
17-42 angular subtense [α]	7
17-43 anomalous trichromatism	7
17-44 anti-collision light	7
17-45 anti-Stokes luminescence	7
17-46 aperture	8
17-47 aperture colour	8