

INTERNATIONAL ELECTROTECHNICAL COMMISSION

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**IEC TR 63158**  
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**EQUIPMENT FOR GENERAL LIGHTING PURPOSES –  
OBJECTIVE TEST METHOD FOR STROBOSCOPIC EFFECTS OF LIGHTING EQUIPMENT**

**C O R R I G E N D U M 1**

**A.1 Background**

**Formula (A.1)**

*Replace the existing text:*

where

$C_i = S_i / S_1$  is the relative amplitude of the  $i$ -th Fourier component  $S_i$  of the relative illuminance  $I_i$  (relative to the DC-level);

*with the following new text:*

where

$C_i$  is the relative amplitude of the  $i$ -th Fourier component (trigonometric Fourier series representation) of the relative illuminance  $I_i$  (relative to the DC-level);

**A.2.5 Block d: summation of the weighted spectrum**

**Formula (A.5)**

*Replace the existing text:*

where

$C_i = 2 \cdot S_i / S_1$  is the relative amplitude of the  $i$ -th Fourier component  $S_i$ , see Formula (A.6), of the relative illuminance  $I_i$  (relative to the DC-level);

*with the following new text:*

where

$C_i = 2 \cdot S_i / S_0$  is two times the relative amplitude of the  $i$ -th complex Fourier component  $S_i$ , see Formula (A.7), of the relative illuminance  $I_i$  (relative to the DC-level);