



Test Report

Report No.: GZEE231200489331
Amendment 02 Date: 2026-03-31

The following sample(s) was/were submitted and identified on behalf of the client as:

Applicant: **Shenzhen Chengxing Electronic Technology Co., Ltd.**
Room 705

Alex Tan

Junny Huang



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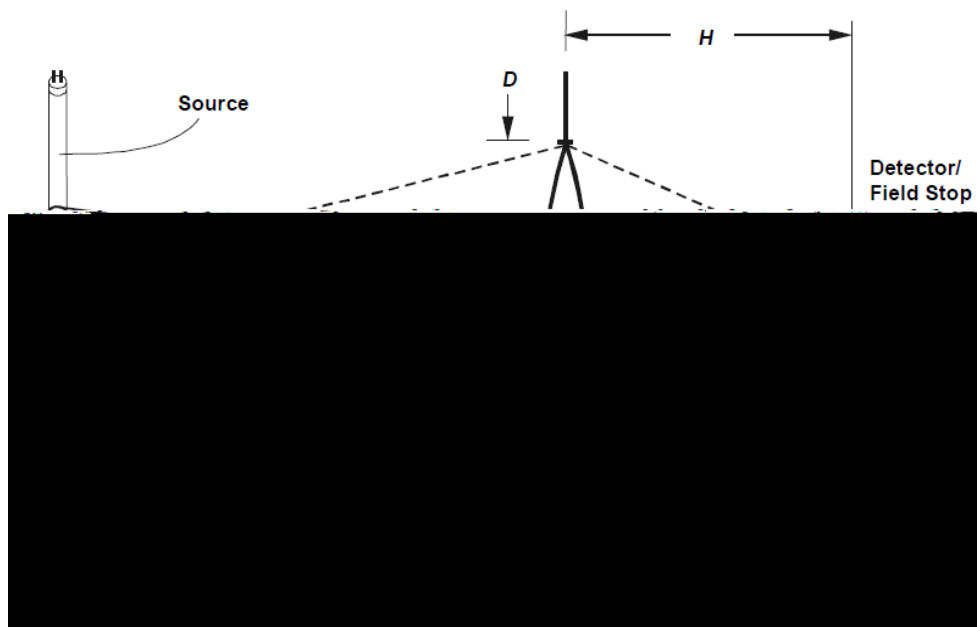
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2.2 Radiance measurements - Standard method

As with irradiance measurements, the minimum aperture stop diameter D , as shown in Figure 5.2, corresponds to a 7 mm pupil diameter.

The instrument shall be calibrated to read in absolute incident radiant power per unit receiving area and per unit solid angle of acceptance averaged over the field of view (FOV) of the instrument. Summary of the ELs see



2.3 Measurement of source size

The determination of α , the angle subtended by a source, requires the determination of the 50% emission points of the source.

Due to physical limitations of the eye, the value for $\alpha_{\min}$ is 0,0017 radian & $\alpha_{\max}$ is 0,1 radian for all retinal hazards in this standard.

The angular subtense of an oblong source shall be determined by the arithmetic mean of the maximum and minimum angular dimensions of the source:

α

Any angular dimension larger than $\alpha_{\max}$ shall be limited to $\alpha_{\max}$ and any angular dimension smaller than $\alpha_{\min}$ shall be limited to



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3 Emission limit & Test result:

Table 6.1a	Emission limits for risk groups of continuous wave lamps (IEC 62471)		
Risk	Action spectrum		



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Photo documentation:

Details of: View of model XL-2835UWC

View:

☒ general

☐ front

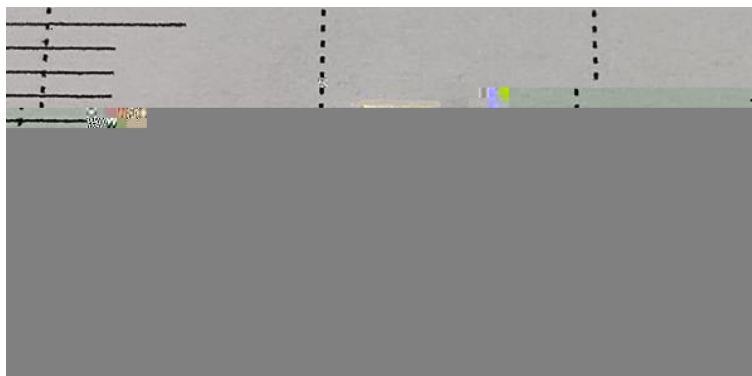
☐ rear

☐ right

☐ left

☐ top

☐ bottom



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