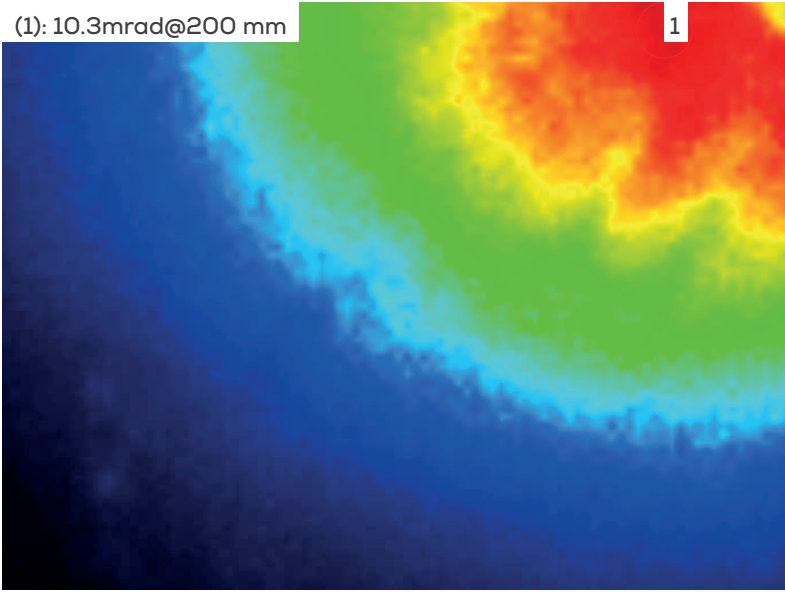


Blue light hazard test report

Based on Standard IEC / TR 62778 Safety level: $E_{thr} = 432.61x$

(1): 10.3mrad@200 mm



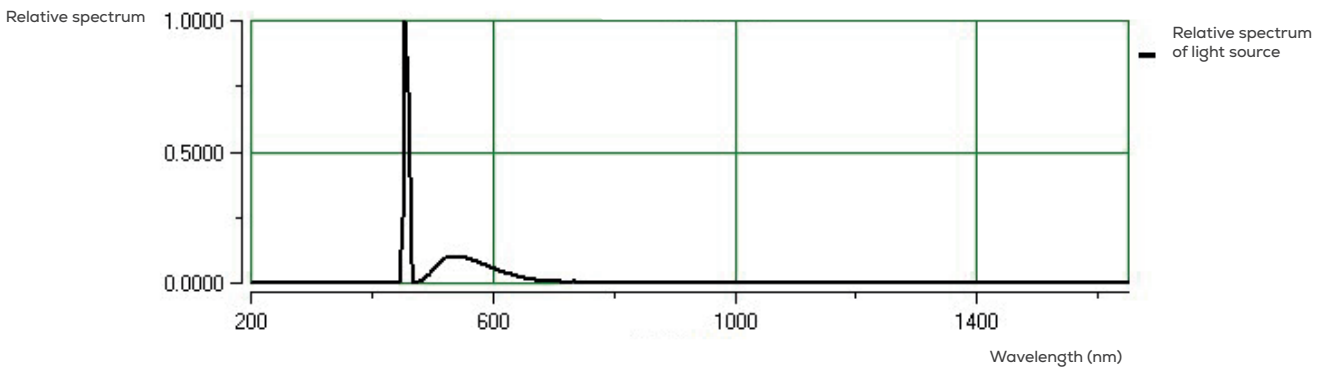
Hazard level	Blue light Lb W / m ² /sr	Hazard Classification
RG0 UnLimited	< 100	
RG1 UnLimited	< 10000	
E _{thr}	-	432.61x

Name	Value
d(min)	68993 mm
E _{thr}	433 1x

N°	Dimension mm	Test field of view (mrad)	Test distance d(mm)	Test illuminance E(1x)	Diameter D(mm)	Test Brightness Lv(cd/m ²)	Blue light hazard Lb(W/m ² /sr)	Maximum allowable exposure time	Color temperature (K)	E _b (W/m ²)
(1)	2.1	10.3	200	228821	2.1	7.172e+009	1.658e+007	0	91820	5.289e+002

Voltage: 240,7V, Current: 0.7353A, Power: 165.7W, Power factor: 0.9362

No.	CIE-x	CIE-y	Opposite angle a	100 mard Lb (W/m ² /sr)
(1)	0.2434	0.2388	10.3 mrad	1.283e+007



Item Name / model /
 Tester Danny Yuan
 Temperature 25.1°C
 Manufacturer Haoyang

Item No. /
 Date of test 2024-02-22 16:54:51
 Humidity 41.6%
 Comment