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LISUN Goniophotometer Test Report

Product Info

Product Model: L5IR4

Manufacturer: OSRAM

Electric Parameters

Vf: 1.17 V

Power: 23.40 mW

If: 20.0 mA

Ir: 0.0uA@5.00V

Photometric

IR Radiant Flux: 1.2 mW

Peak Radiant Intensity: 2.44 mW/sr

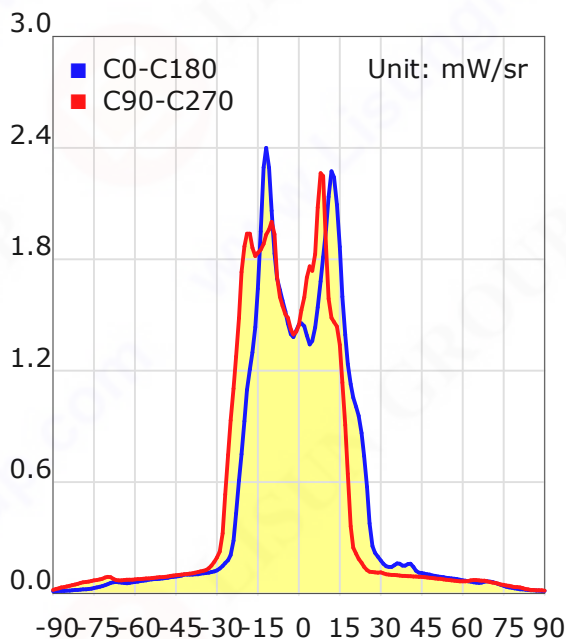
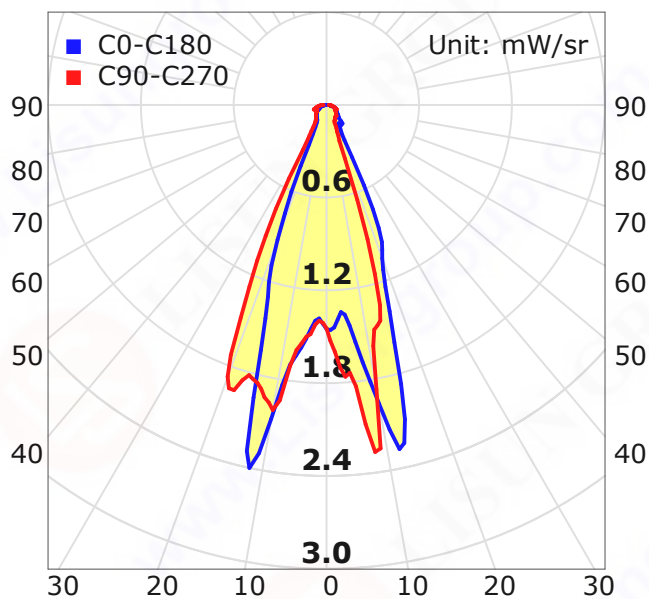
Central Radiant Intensity: 1.47 mW/sr

IR Luminous Efficacy: 51.93 mW/W

Peak Radiant Intensity Position: C180° γ12°

Average Radiant Intensity Divergence Angle (10%): Average Radiant Intensity Divergence Angle (25%): 46.0 °

Average Radiant Intensity Divergence Angle (50%): Average Radiant Intensity Divergence Angle (75%): 30.7 °



Test Condition: CIE A
Test Device: LISUN LSG-1100
Test Lab:
Test By:

C Plane(°): 0-360:90.0 γ (°): 0-90:1.0
Temperature: 25.0°C Humidity: 65.0%

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Light Distribution Data

Unit: mW/sr

G\C	C0.0	C90.0	C180.0	C270.0				
G0.0	1.5	1.5	1.5	1.5				
G1.0	1.5	1.5	1.4	1.4				
G2.0	1.5	1.6	1.4	1.4				
G3.0	1.4	1.7	1.4	1.4				
G4.0	1.4	1.8	1.5	1.5				
G5.0	1.4	1.8	1.5	1.5				
G6.0	1.5	1.9	1.6	1.6				
G7.0	1.6	2.1	1.7	1.6				
G8.0	1.7	2.3	1.7	1.7				
G9.0	1.8	2.3	1.9	2.0				
G10.0	2.0	1.9	2.1	2.0				
G11.0	2.2	1.6	2.3	2.0				
G12.0	2.3	1.5	2.4	2.0				
G13.0	2.3	1.5	2.3	1.9				
G14.0	2.1	1.5	2.0	1.9				
G15.0	1.9	1.4	1.7	1.9				
G16.0	1.6	1.2	1.5	1.8				
G17.0	1.4	0.9	1.3	1.9				
G18.0	1.3	0.7	1.2	2.0				
G19.0	1.1	0.4	1.1	2.0				
G20.0	1.1	0.3	0.9	1.9				
G21.0	1.0	0.2	0.8	1.8				
G22.0	1.0	0.2	0.6	1.5				
G23.0	0.9	0.2	0.4	1.3				
G24.0	0.8	0.1	0.3	1.1				
G25.0	0.6	0.1	0.2	0.9				
G26.0	0.4	0.1	0.2	0.8				
G27.0	0.3	0.1	0.2	0.5				
G28.0	0.2	0.1	0.2	0.3				
G29.0	0.2	0.1	0.1	0.2				
G30.0	0.2	0.1	0.1	0.2				
G31.0	0.2	0.1	0.1	0.2				
G32.0	0.2	0.1	0.1	0.2				
G33.0	0.1	0.1	0.1	0.1				
G34.0	0.1	0.1	0.1	0.1				
G35.0	0.2	0.1	0.1	0.1				
G36.0	0.2	0.1	0.1	0.1				
G37.0	0.2	0.1	0.1	0.1				
G38.0	0.2	0.1	0.1	0.1				
G39.0	0.2	0.1	0.1	0.1				

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Light Distribution Data

Unit: mW/sr

G\C	C0.0	C90.0	C180.0	C270.0				
G40.0	0.2	0.1	0.1	0.1				
G41.0	0.2	0.1	0.1	0.1				
G42.0	0.1	0.1	0.1	0.1				
G43.0	0.1	0.1	0.1	0.1				
G44.0	0.1	0.1	0.1	0.1				
G45.0	0.1	0.1	0.1	0.1				
G46.0	0.1	0.1	0.1	0.1				
G47.0	0.1	0.1	0.1	0.1				
G48.0	0.1	0.1	0.1	0.1				
G49.0	0.1	0.1	0.1	0.1				
G50.0	0.1	0.1	0.1	0.1				
G51.0	0.1	0.1	0.1	0.1				
G52.0	0.1	0.1	0.1	0.1				
G53.0	0.1	0.1	0.1	0.1				
G54.0	0.1	0.1	0.1	0.1				
G55.0	0.1	0.1	0.1	0.1				
G56.0	0.1	0.1	0.1	0.1				
G57.0	0.1	0.1	0.1	0.1				
G58.0	0.1	0.1	0.1	0.1				
G59.0	0.1	0.1	0.1	0.1				
G60.0	0.1	0.1	0.1	0.1				
G61.0	0.1	0.1	0.1	0.1				
G62.0	0.1	0.1	0.1	0.1				
G63.0	0.1	0.1	0.1	0.1				
G64.0	0.1	0.1	0.1	0.1				
G65.0	0.1	0.1	0.1	0.1				
G66.0	0.1	0.1	0.1	0.1				
G67.0	0.1	0.1	0.1	0.1				
G68.0	0.1	0.1	0.1	0.1				
G69.0	0.1	0.1	0.1	0.1				
G70.0	0.1	0.1	0.1	0.1				
G71.0	0.1	0.1	0.0	0.1				
G72.0	0.1	0.1	0.0	0.1				
G73.0	0.1	0.1	0.0	0.1				
G74.0	0.0	0.1	0.0	0.1				
G75.0	0.0	0.0	0.0	0.1				
G76.0	0.0	0.0	0.0	0.1				
G77.0	0.0	0.0	0.0	0.1				
G78.0	0.0	0.0	0.0	0.1				
G79.0	0.0	0.0	0.0	0.1				

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G\C	C0.0	C90.0	C180.0	C270.0				
G80.0	0.0	0.0	0.0	0.1				
G81.0	0.0	0.0	0.0	0.1				
G82.0	0.0	0.0	0.0	0.1				
G83.0	0.0	0.0	0.0	0.0				
G84.0	0.0	0.0	0.0	0.0				
G85.0	0.0	0.0	0.0	0.0				
G86.0	0.0	0.0	0.0	0.0				
G87.0	0.0	0.0	0.0	0.0				
G88.0	0.0	0.0	0.0	0.0				
G89.0	0.0	0.0	0.0	0.0				
G90.0	0.0	0.0	0.0	0.0				

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