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LISUN Goniophotometer Test Report

Product Info

Product Model: WZR5084C

Product Spec: LED

Manufacturer: OSRAM

Electric Parameters

Vf: 2.13 V

Power: 42.60 mW

If: 20.0 mA

Ir: 0.0uA@5.00V

Photometric

Total Flux (Φ): 2.7 lm

Maximum Intensity (Imax): 9.15 cd

Central Intensity (I0): 4.51 cd

Average Divergence angle (10%): 39.7 °

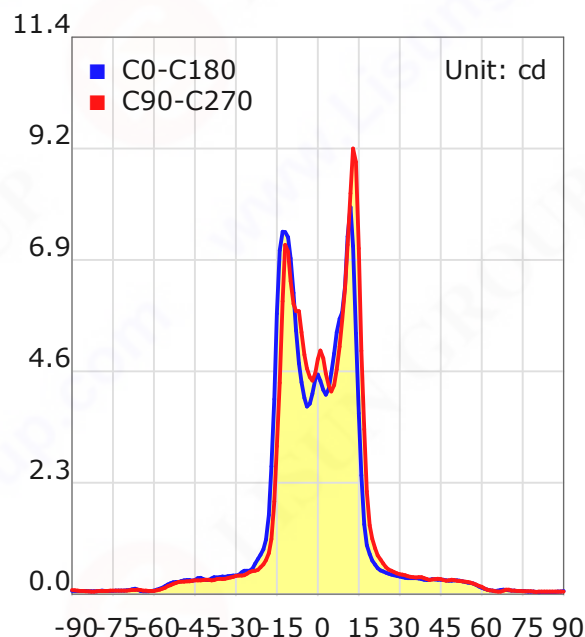
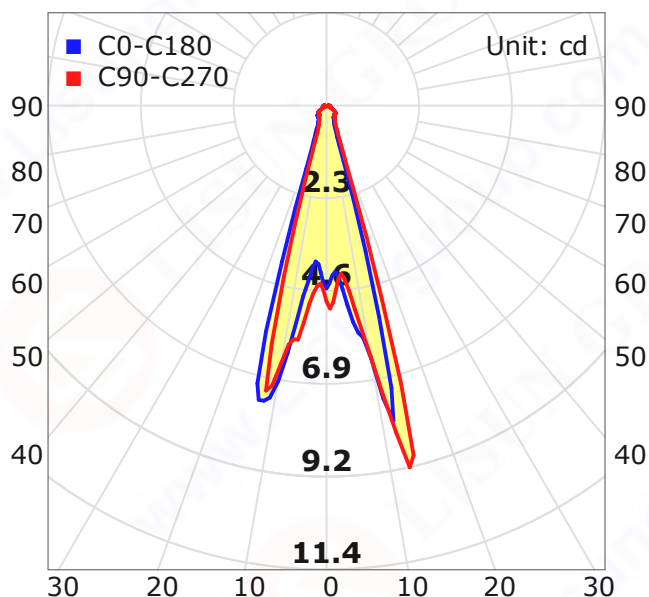
Average Divergence angle (50%): 30.5 °

Luminous Efficacy: 64.14 lm/W

Position Of Maximum Intensity: C90° γ13°

Average Divergence angle (25%): 33.8 °

Average Divergence angle (75%): 27.9 °



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: cd

G\C	C0.0	C90.0	C180.0	C270.0				
G0.0	4.5	4.8	4.5	4.8				
G1.0	4.4	5.0	4.4	4.5				
G2.0	4.2	4.9	4.1	4.4				
G3.0	4.1	4.5	3.9	4.5				
G4.0	4.2	4.3	3.9	4.6				
G5.0	4.5	4.2	4.0	4.9				
G6.0	4.9	4.3	4.4	5.4				
G7.0	5.4	4.6	4.7	5.8				
G8.0	5.7	5.1	5.4	5.8				
G9.0	5.8	5.6	6.2	6.0				
G10.0	6.3	6.3	6.9	6.4				
G11.0	7.3	7.2	7.3	7.0				
G12.0	8.0	8.2	7.4	7.2				
G13.0	7.2	9.2	7.4	6.0				
G14.0	5.4	8.9	7.1	4.3				
G15.0	3.7	7.1	5.8	3.0				
G16.0	2.4	5.0	4.0	1.9				
G17.0	1.4	3.4	2.6	1.1				
G18.0	1.0	2.1	1.6	0.8				
G19.0	0.8	1.4	1.1	0.7				
G20.0	0.7	1.1	0.9	0.6				
G21.0	0.6	0.9	0.8	0.6				
G22.0	0.5	0.8	0.7	0.5				
G23.0	0.5	0.7	0.6	0.5				
G24.0	0.5	0.6	0.5	0.5				
G25.0	0.4	0.6	0.5	0.5				
G26.0	0.4	0.5	0.5	0.4				
G27.0	0.4	0.5	0.5	0.4				
G28.0	0.4	0.5	0.4	0.4				
G29.0	0.4	0.4	0.4	0.4				
G30.0	0.4	0.4	0.4	0.4				
G31.0	0.3	0.4	0.4	0.4				
G32.0	0.3	0.4	0.4	0.3				
G33.0	0.3	0.4	0.4	0.3				
G34.0	0.3	0.4	0.4	0.3				
G35.0	0.3	0.4	0.4	0.3				
G36.0	0.3	0.3	0.4	0.3				
G37.0	0.3	0.3	0.3	0.3				
G38.0	0.3	0.3	0.4	0.3				
G39.0	0.3	0.3	0.3	0.3				

Test Condition: CIE A
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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: cd

G\C	C0.0	C90.0	C180.0	C270.0				
G40.0	0.3	0.3	0.3	0.3				
G41.0	0.3	0.3	0.3	0.3				
G42.0	0.3	0.3	0.3	0.3				
G43.0	0.3	0.3	0.3	0.3				
G44.0	0.3	0.3	0.3	0.3				
G45.0	0.3	0.3	0.3	0.3				
G46.0	0.3	0.3	0.3	0.3				
G47.0	0.3	0.3	0.3	0.3				
G48.0	0.3	0.3	0.3	0.3				
G49.0	0.3	0.3	0.3	0.3				
G50.0	0.3	0.3	0.3	0.3				
G51.0	0.3	0.3	0.3	0.3				
G52.0	0.3	0.3	0.3	0.2				
G53.0	0.3	0.3	0.2	0.2				
G54.0	0.3	0.3	0.2	0.2				
G55.0	0.2	0.3	0.2	0.2				
G56.0	0.2	0.2	0.2	0.1				
G57.0	0.2	0.2	0.1	0.1				
G58.0	0.2	0.2	0.1	0.1				
G59.0	0.2	0.2	0.1	0.1				
G60.0	0.1	0.2	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	0.1	0.1				
G72.0	0.1	0.1	0.1	0.1				
G73.0	0.1	0.1	0.1	0.1				
G74.0	0.1	0.1	0.1	0.1				
G75.0	0.1	0.1	0.1	0.1				
G76.0	0.1	0.1	0.1	0.1				
G77.0	0.1	0.1	0.1	0.1				
G78.0	0.1	0.1	0.1	0.1				
G79.0	0.1	0.1	0.1	0.1				

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G80.0	0.0	0.1	0.1	0.1				
G81.0	0.0	0.1	0.1	0.1				
G82.0	0.0	0.1	0.1	0.1				
G83.0	0.0	0.1	0.1	0.1				
G84.0	0.0	0.1	0.1	0.1				
G85.0	0.0	0.1	0.1	0.1				
G86.0	0.1	0.1	0.1	0.1				
G87.0	0.1	0.1	0.1	0.1				
G88.0	0.1	0.1	0.1	0.1				
G89.0	0.1	0.1	0.1	0.1				
G90.0	0.1	0.1	0.1	0.1				

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