

Light Intensity Distribution Test

Product Information

Product Name: Double sensor 2*13W(CW)

Manufacture: GOODWIN

Operator:

Test Date: 2014-04-28

Test Condition

Temperature: 20.9 Cels.

Humidity: 60 %

Start Angle: -180 Deg.

End Angle: 180 Deg.

Step Angle: 1 Deg.

Plane Number.: 1

Test Distance: 3 m

Electric Param

Voltage: 240.4 V

Current: 0.129 A

Power: 28.61 W

PF: 0.918

Photometric Param

Maximum Cand. (I_{vm}): 830.54 cd

Max. Cand. Angle(Deg): C=180.0 gama= 7.0

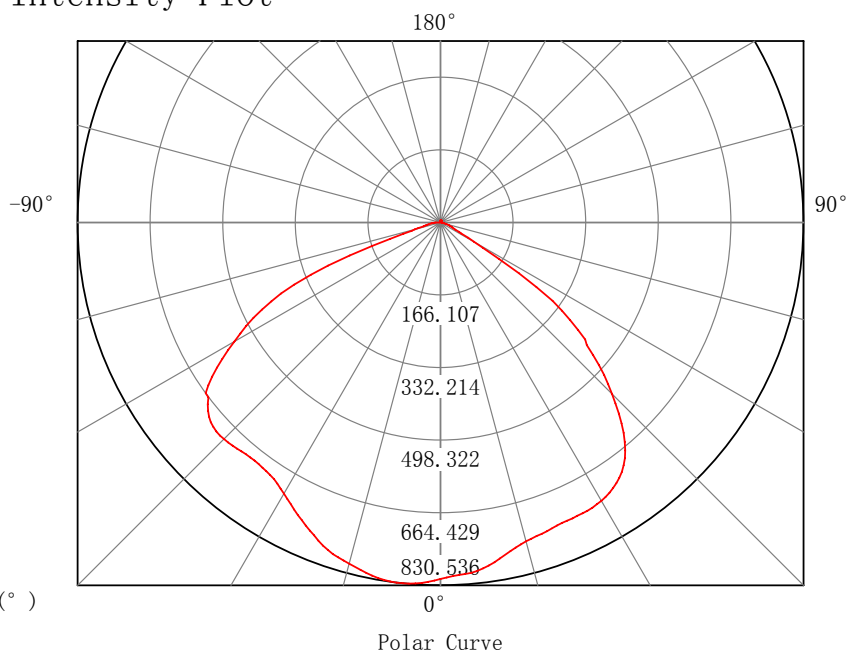
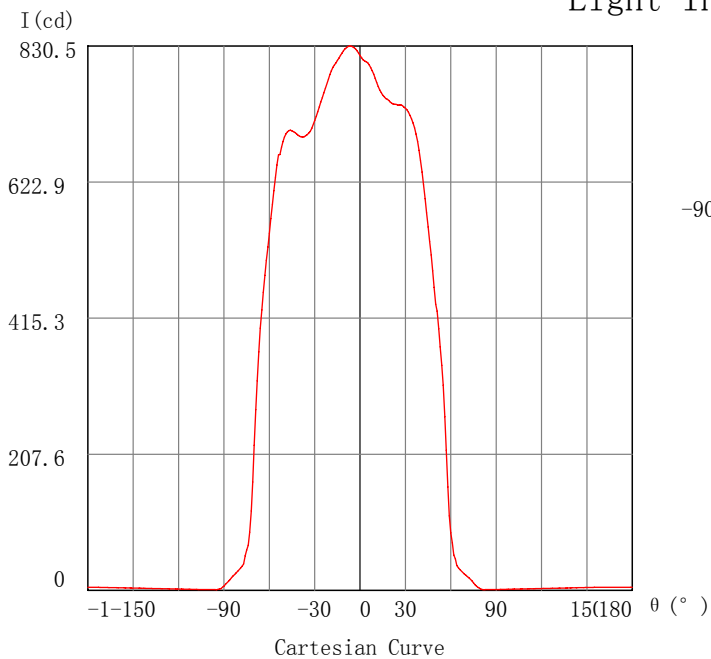
Center Cd(I_{vo}): 816.02 cd

Field Angle(10%) α : 133.6 deg.

Lumens: 2279.281 lm.

Lumen-Effic: 79.667 lm/W

Light Intensity Plot



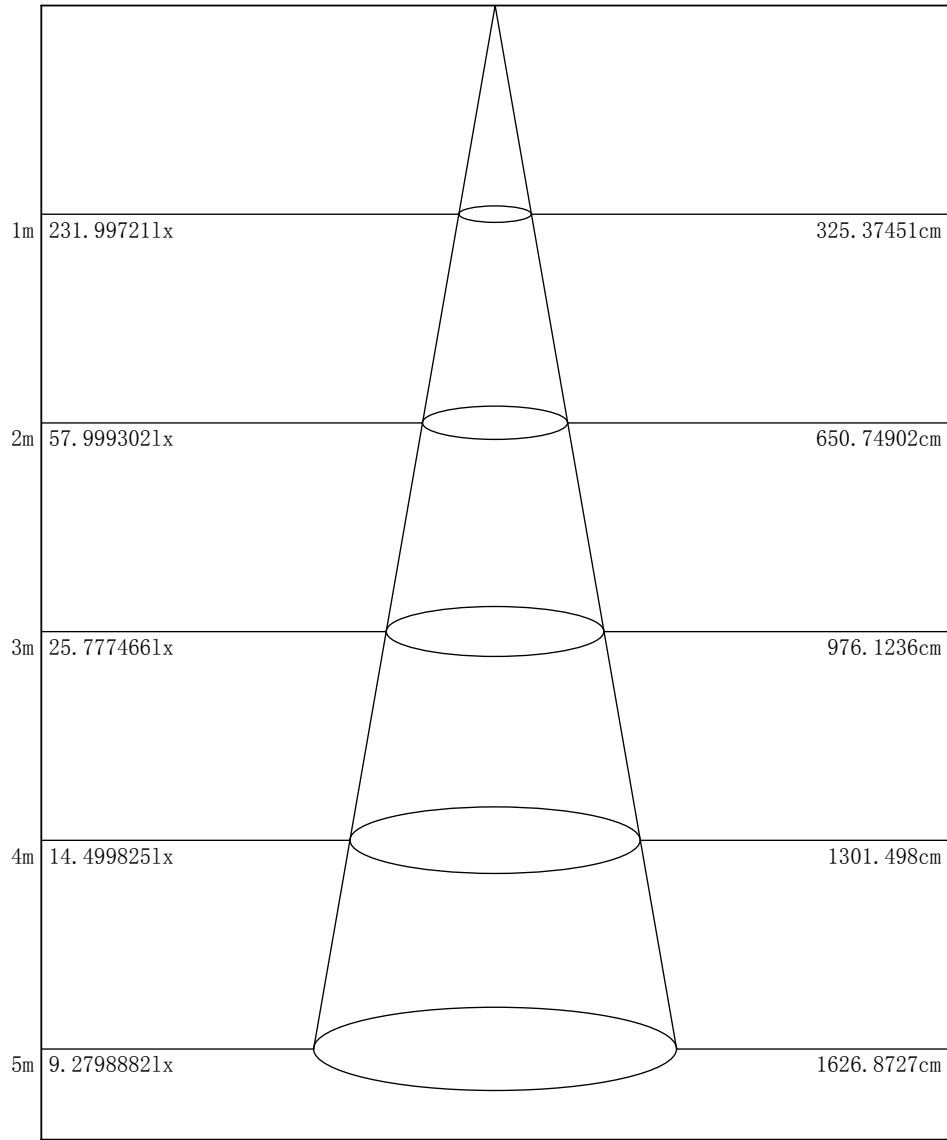
C0-180 —————

Tabulator: _____

Verifier: _____

Lux-Distance Diagram

Luminous Flux: 1929.033 lm



Height Aver. Lux

Beam Ang. =116.8(°)

Beam Dia.

10%Beam Angle= 133.6(°)

25%Beam Angle= 127.4(°)

50%Beam Angle= 116.8(°)

75%Beam Angle= 98.15(°)

Lighting Intensity Data Table

Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.
-180.0	4.71	-118.0	1.91	-56.0	630.22	6.0	801.94	68.0	27.08	130.0	3.23
-178.0	4.65	-116.0	1.85	-54.0	664.56	8.0	792.97	70.0	23.02	132.0	3.36
-176.0	4.59	-114.0	1.76	-52.0	676.04	10.0	781.05	72.0	19.01	134.0	3.53
-174.0	4.64	-112.0	1.62	-50.0	691.66	12.0	768.71	74.0	14.42	136.0	3.57
-172.0	4.51	-110.0	1.56	-48.0	699.58	14.0	759.33	76.0	8.67	138.0	3.74
-170.0	4.48	-108.0	1.49	-46.0	701.98	16.0	753.03	78.0	4.46	140.0	3.91
-168.0	4.47	-106.0	1.37	-44.0	699.85	18.0	749.05	80.0	1.87	142.0	3.95
-166.0	4.31	-104.0	1.32	-42.0	696.49	20.0	745.08	82.0	1.08	144.0	4.14
-164.0	4.29	-102.0	1.27	-40.0	692.82	22.0	741.77	84.0	1.17	146.0	4.26
-162.0	4.22	-100.0	1.17	-38.0	691.54	24.0	741.26	86.0	1.21	148.0	4.29
-160.0	4.04	-98.0	1.13	-36.0	693.63	26.0	740.50	88.0	1.25	150.0	4.46
-158.0	4.01	-96.0	1.11	-34.0	697.56	28.0	739.54	90.0	1.35	152.0	4.52
-156.0	3.89	-94.0	1.56	-32.0	705.04	30.0	735.58	92.0	1.42	154.0	4.53
-154.0	3.71	-92.0	2.79	-30.0	716.75	32.0	729.40	94.0	1.48	156.0	4.67
-152.0	3.68	-90.0	6.58	-28.0	730.13	34.0	719.43	96.0	1.60	158.0	4.63
-150.0	3.53	-88.0	11.45	-26.0	745.10	36.0	705.60	98.0	1.70	160.0	4.66
-148.0	3.37	-86.0	16.48	-24.0	758.97	38.0	684.82	100.0	1.76	162.0	4.73
-146.0	3.34	-84.0	22.03	-22.0	772.61	40.0	655.62	102.0	1.90	164.0	4.64
-144.0	3.18	-82.0	26.76	-20.0	787.08	42.0	618.78	104.0	2.03	166.0	4.70
-142.0	3.05	-80.0	31.46	-18.0	797.88	44.0	576.04	106.0	2.08	168.0	4.71
-140.0	3.02	-78.0	36.95	-16.0	804.88	46.0	532.47	108.0	2.21	170.0	4.62
-138.0	2.87	-76.0	52.84	-14.0	812.05	48.0	487.70	110.0	2.35	172.0	4.71
-136.0	2.75	-74.0	68.86	-12.0	819.70	50.0	436.66	112.0	2.37	174.0	4.65
-134.0	2.73	-72.0	121.13	-10.0	826.13	52.0	399.23	114.0	2.48	176.0	4.60
-132.0	2.60	-70.0	221.38	-8.0	829.70	54.0	343.39	116.0	2.62	178.0	4.67
-130.0	2.48	-68.0	319.80	-6.0	830.26	56.0	264.86	118.0	2.64	180.0	4.57
-128.0	2.45	-66.0	399.94	-4.0	828.10	58.0	157.75	120.0	2.74		
-126.0	2.33	-64.0	454.64	-2.0	823.13	60.0	88.07	122.0	2.90		
-124.0	2.21	-62.0	503.68	0.0	816.02	62.0	53.99	124.0	2.92		
-122.0	2.16	-60.0	544.84	2.0	809.56	64.0	37.82	126.0	3.03		
-120.0	2.05	-58.0	588.97	4.0	806.54	66.0	31.74	128.0	3.20		

Tabulator: _____

Verifier: _____