

Light Intensity Distribution Test

Product Information

Product Name: Jupiter 20W-4000K

Manufactory: GW

Operator: hua

Test Date: 2021-04-26

Test Condition

Temperature: 30.9 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: 240.5 V

Current: 0.101 A

Power: 22.88 W

PF: 0.94

Photometric Param

Maximum Cand. (I_{vm}): 767.12 cd

Max. Cand. Angle(Deg): C= 0.0 gama= 0.0

Center Cd(I_{vo}): 767.12 cd

Beam Angle(50%) β : 112.4 deg.

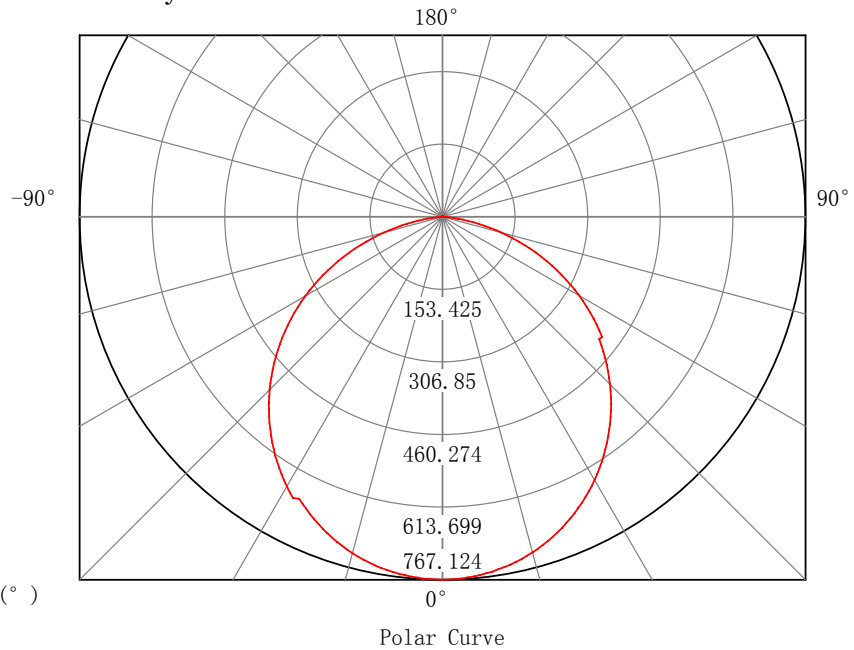
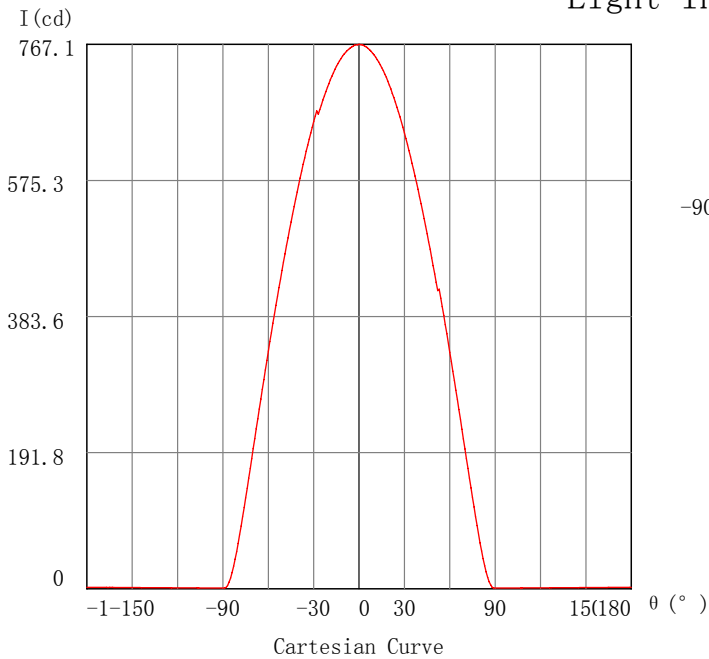
Lumens: 2152.160 lm

Lumen-Effic: 94.063 lm/W

90 Deg. Lumens: 1172.556 lmW

120 Deg. Lumens: 1720.822 lm

Light Intensity Plot



C0-180 ————

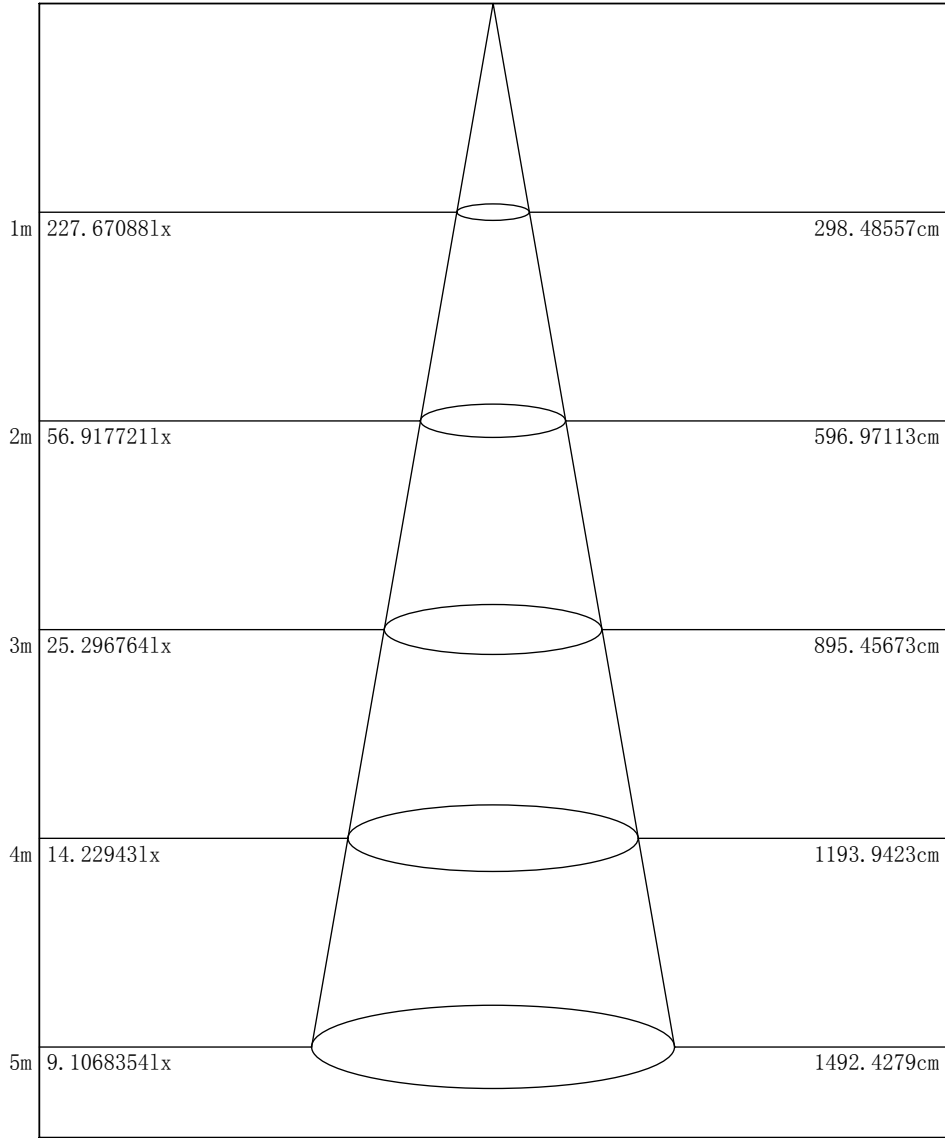
Tabulator: _____

Verifier: _____

Lux-Distance Diagram

Luminous Flux: 2152.16 lm

Beam Luminous Flux: 1593.104 lm



Height Aver. Lux

Beam Ang. =112.4(°)

Beam Dia.

10%Beam Angle= 157.9(°)

50%Beam Angle= 112.4(°)

Tabulator: _____

Verifier: _____

Lighting Intensity Data Table

Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.
-180.0	1.92	-146.0	1.70	-112.0	1.16	-78.0	88.39	-44.0	527.57	-10.0	753.21
-179.0	1.94	-145.0	1.67	-111.0	1.14	-77.0	101.29	-43.0	538.42	-9.0	755.69
-178.0	1.97	-144.0	1.63	-110.0	1.13	-76.0	114.49	-42.0	548.60	-8.0	758.19
-177.0	2.01	-143.0	1.61	-109.0	1.13	-75.0	128.06	-41.0	558.93	-7.0	759.93
-176.0	2.00	-142.0	1.60	-108.0	1.15	-74.0	141.64	-40.0	569.13	-6.0	761.70
-175.0	1.97	-141.0	1.60	-107.0	1.13	-73.0	155.49	-39.0	578.62	-5.0	763.37
-174.0	1.95	-140.0	1.62	-106.0	1.11	-72.0	169.43	-38.0	588.60	-4.0	764.44
-173.0	1.97	-139.0	1.59	-105.0	1.08	-71.0	183.36	-37.0	597.92	-3.0	765.93
-172.0	2.01	-138.0	1.55	-104.0	1.07	-70.0	197.38	-36.0	607.08	-2.0	766.22
-171.0	2.04	-137.0	1.52	-103.0	1.07	-69.0	211.41	-35.0	616.52	-1.0	766.53
-170.0	2.04	-136.0	1.51	-102.0	1.08	-68.0	225.39	-34.0	625.03	0.0	767.12
-169.0	1.99	-135.0	1.50	-101.0	1.09	-67.0	239.47	-33.0	633.57	1.0	766.68
-168.0	1.92	-134.0	1.51	-100.0	1.08	-66.0	253.27	-32.0	642.25	2.0	766.41
-167.0	1.87	-133.0	1.51	-99.0	1.06	-65.0	267.26	-31.0	650.13	3.0	765.64
-166.0	1.86	-132.0	1.47	-98.0	1.05	-64.0	280.96	-30.0	658.13	4.0	764.23
-165.0	1.92	-131.0	1.43	-97.0	1.04	-63.0	294.55	-29.0	666.09	5.0	763.04
-164.0	1.92	-130.0	1.41	-96.0	1.06	-62.0	308.27	-28.0	673.28	6.0	761.29
-163.0	1.90	-129.0	1.40	-95.0	1.07	-61.0	321.63	-27.0	668.64	7.0	759.23
-162.0	1.84	-128.0	1.40	-94.0	1.08	-60.0	334.91	-26.0	675.21	8.0	757.28
-161.0	1.80	-127.0	1.41	-93.0	1.07	-59.0	348.30	-25.0	681.49	9.0	754.32
-160.0	1.80	-126.0	1.38	-92.0	1.05	-58.0	361.09	-24.0	688.37	10.0	751.94
-159.0	1.83	-125.0	1.34	-91.0	1.05	-57.0	374.03	-23.0	694.46	11.0	749.02
-158.0	1.83	-124.0	1.31	-90.0	1.04	-56.0	386.83	-22.0	700.39	12.0	745.53
-157.0	1.79	-123.0	1.30	-89.0	1.06	-55.0	399.29	-21.0	706.53	13.0	742.44
-156.0	1.76	-122.0	1.30	-88.0	1.80	-54.0	411.96	-20.0	711.66	14.0	738.21
-155.0	1.74	-121.0	1.30	-87.0	4.48	-53.0	424.23	-19.0	717.27	15.0	734.32
-154.0	1.75	-120.0	1.28	-86.0	9.03	-52.0	436.30	-18.0	722.37	16.0	730.14
-153.0	1.77	-119.0	1.25	-85.0	15.16	-51.0	448.49	-17.0	726.86	17.0	725.25
-152.0	1.78	-118.0	1.22	-84.0	22.75	-50.0	460.18	-16.0	731.94	18.0	720.69
-151.0	1.74	-117.0	1.21	-83.0	31.65	-49.0	471.86	-15.0	736.07	19.0	715.22
-150.0	1.70	-116.0	1.20	-82.0	41.53	-48.0	483.44	-14.0	740.08	20.0	709.83
-149.0	1.68	-115.0	1.21	-81.0	52.35	-47.0	494.53	-13.0	743.82	21.0	704.46
-148.0	1.68	-114.0	1.21	-80.0	63.79	-46.0	505.94	-12.0	747.04	22.0	697.95
-147.0	1.70	-113.0	1.19	-79.0	75.85	-45.0	516.84	-11.0	750.54	23.0	692.13

Tabulator: _____

Verifier: _____

Lighting Intensity Data Table---Continue

Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.
24.0	685.70	51.0	431.88	78.0	89.11	105.0	1.07	132.0	1.42	159.0	1.83
25.0	678.61	52.0	420.09	79.0	76.75	106.0	1.08	133.0	1.46	160.0	1.86
26.0	672.27	53.0	421.99	80.0	64.72	107.0	1.11	134.0	1.49	161.0	1.85
27.0	664.99	54.0	409.55	81.0	53.30	108.0	1.14	135.0	1.52	162.0	1.82
28.0	657.72	55.0	397.42	82.0	42.54	109.0	1.15	136.0	1.52	163.0	1.82
29.0	650.41	56.0	384.80	83.0	32.63	110.0	1.14	137.0	1.51	164.0	1.84
30.0	642.20	57.0	372.04	84.0	23.72	111.0	1.13	138.0	1.52	165.0	1.87
31.0	634.39	58.0	359.42	85.0	16.03	112.0	1.14	139.0	1.54	166.0	1.91
32.0	625.96	59.0	346.40	86.0	9.78	113.0	1.16	140.0	1.58	167.0	1.91
33.0	617.40	60.0	333.20	87.0	5.27	114.0	1.19	141.0	1.62	168.0	1.88
34.0	608.95	61.0	320.26	88.0	1.98	115.0	1.22	142.0	1.62	169.0	1.87
35.0	599.55	62.0	306.69	89.0	1.07	116.0	1.23	143.0	1.61	170.0	1.87
36.0	590.65	63.0	293.47	90.0	1.00	117.0	1.22	144.0	1.60	171.0	1.89
37.0	581.48	64.0	279.86	91.0	1.00	118.0	1.22	145.0	1.63	172.0	1.93
38.0	571.82	65.0	266.26	92.0	0.99	119.0	1.23	146.0	1.66	173.0	1.94
39.0	562.72	66.0	252.54	93.0	1.01	120.0	1.26	147.0	1.70	174.0	1.91
40.0	552.58	67.0	238.81	94.0	1.03	121.0	1.29	148.0	1.71	175.0	1.89
41.0	542.63	68.0	224.86	95.0	1.05	122.0	1.32	149.0	1.70	176.0	1.88
42.0	532.47	69.0	211.09	96.0	1.03	123.0	1.31	150.0	1.69	177.0	1.90
43.0	521.61	70.0	197.10	97.0	1.02	124.0	1.31	151.0	1.69	178.0	1.93
44.0	511.05	71.0	183.35	98.0	1.02	125.0	1.31	152.0	1.72	179.0	1.96
45.0	500.17	72.0	169.46	99.0	1.03	126.0	1.33	153.0	1.76	180.0	1.94
46.0	488.99	73.0	155.67	100.0	1.06	127.0	1.37	154.0	1.79		
47.0	478.16	74.0	142.01	101.0	1.08	128.0	1.41	155.0	1.78		
48.0	466.57	75.0	128.45	102.0	1.09	129.0	1.42	156.0	1.77		
49.0	455.15	76.0	115.07	103.0	1.07	130.0	1.41	157.0	1.77		
50.0	443.75	77.0	101.99	104.0	1.07	131.0	1.41	158.0	1.78		

Tabulator: _____

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