

# Light Intensity Distribution Test

## Product Information

Product Name: LWB210 C0

Manufacture: GW

Operator:

Test Date: 2021-09-27

## 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: 240.1 V

Current: 0.128 A

Power: 17.95 W

PF: 0.582

## Photometric Param

Maximum Cand. (I<sub>vm</sub>): 381.03 cd

Max. Cand. Angle (Deg): C=180.0 gama=13.0

Center Cd(I<sub>vo</sub>): 377.08 cd

Beam Angle (50%) β: 160.1 deg.

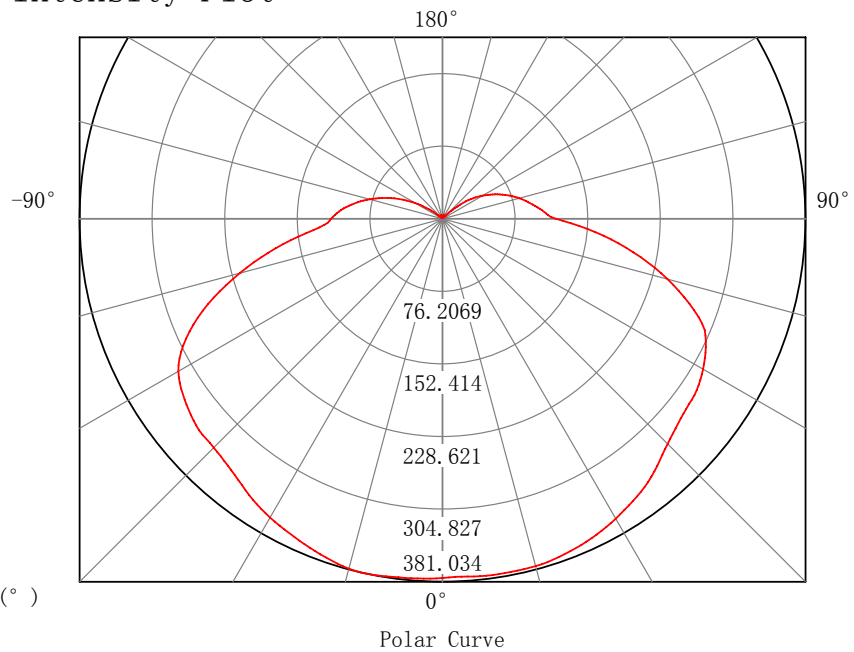
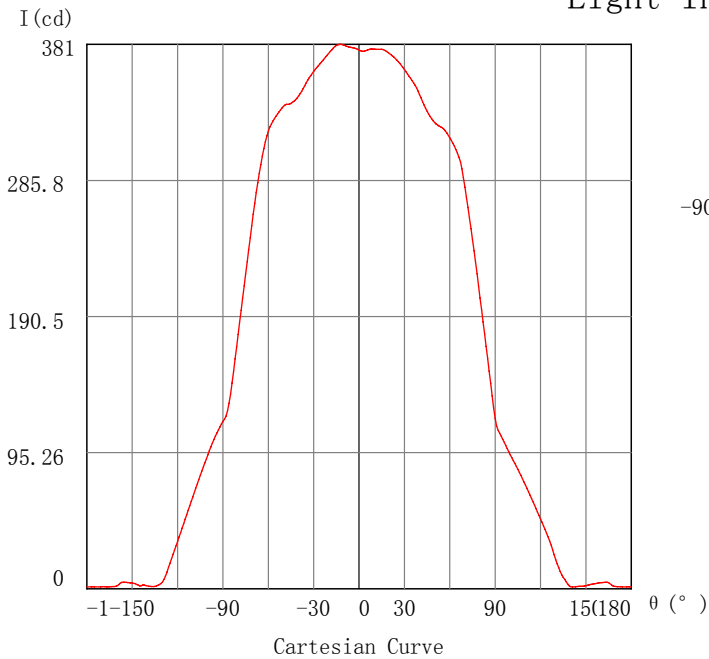
Lumens: 2084.724 lm

Lumen-Effic: 116.141 lm/W

90 Deg. Lumens: 662.683 lm/W

120 Deg. Lumens: 1090.215 lm

## Light Intensity Plot



C0-180 

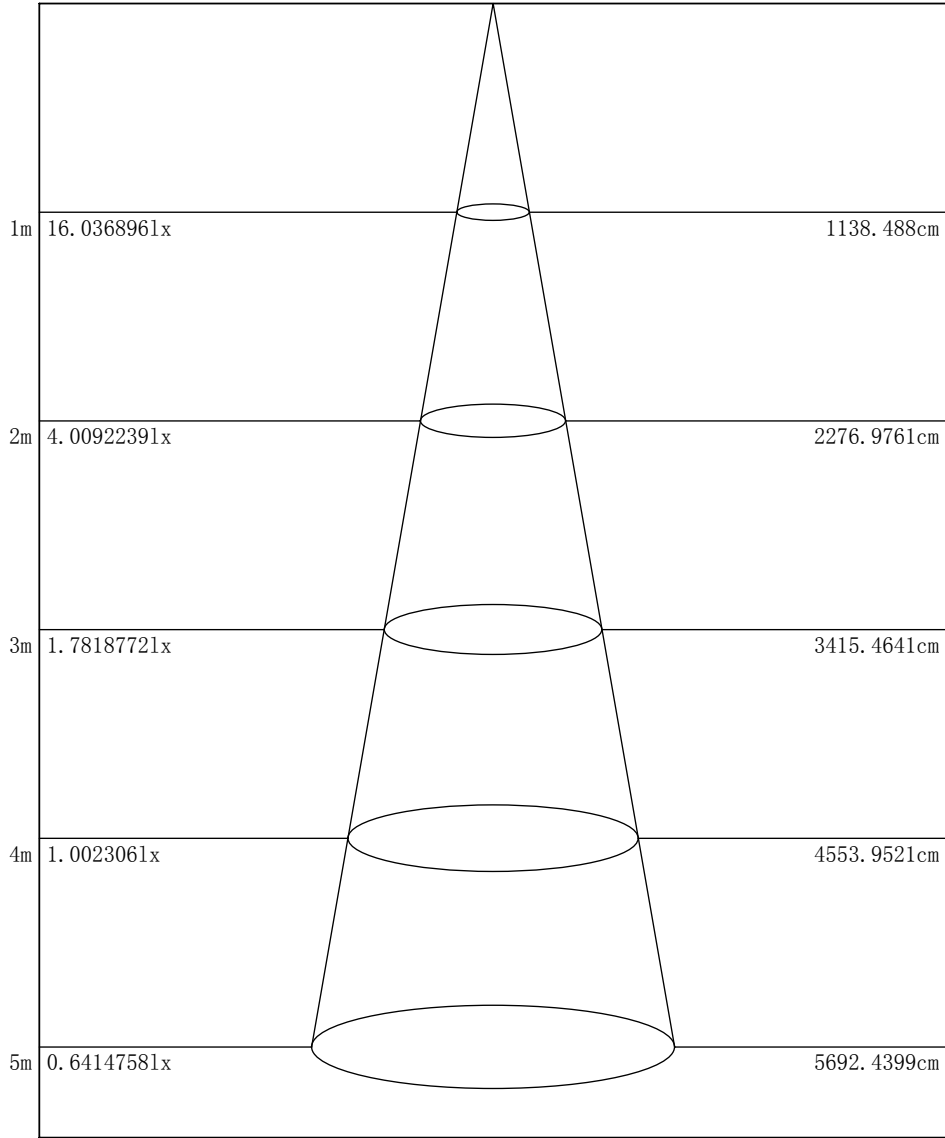
Tabulator: \_\_\_\_\_

Verifier: \_\_\_\_\_

# Lux-Distance Diagram

Luminous Flux: 2084.724 lm

Beam Luminous Flux: 1632.552 lm



Height Aver. Lux

Beam Ang. =160.1(° )

Beam Dia.

10%Beam Angle= 242.6(° )

50%Beam Angle= 160.1(° )

Tabulator: \_\_\_\_\_

Verifier: \_\_\_\_\_

## Lighting Intensity Data Table

Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.
-180.0	1.32	-146.0	2.48	-112.0	58.11	-78.0	194.88	-44.0	340.48	-10.0	380.48
-179.0	1.31	-145.0	2.01	-111.0	61.18	-77.0	203.41	-43.0	341.31	-9.0	380.03
-178.0	1.33	-144.0	2.11	-110.0	64.24	-76.0	211.98	-42.0	342.34	-8.0	379.62
-177.0	1.35	-143.0	2.59	-109.0	67.27	-75.0	220.47	-41.0	343.57	-7.0	379.27
-176.0	1.36	-142.0	2.55	-108.0	70.29	-74.0	228.95	-40.0	344.89	-6.0	379.08
-175.0	1.34	-141.0	2.23	-107.0	73.31	-73.0	237.40	-39.0	346.48	-5.0	378.86
-174.0	1.32	-140.0	1.94	-106.0	76.34	-72.0	245.78	-38.0	348.19	-4.0	378.55
-173.0	1.31	-139.0	1.74	-105.0	79.30	-71.0	254.01	-37.0	349.97	-3.0	378.32
-172.0	1.32	-138.0	1.59	-104.0	82.31	-70.0	262.09	-36.0	352.07	-2.0	378.04
-171.0	1.33	-137.0	1.49	-103.0	85.30	-69.0	269.84	-35.0	354.08	-1.0	377.57
-170.0	1.35	-136.0	1.54	-102.0	88.19	-68.0	277.30	-34.0	355.93	0.0	377.08
-169.0	1.37	-135.0	1.68	-101.0	90.97	-67.0	284.28	-33.0	357.68	1.0	376.53
-168.0	1.35	-134.0	1.96	-100.0	93.76	-66.0	290.73	-32.0	359.25	2.0	376.21
-167.0	1.33	-133.0	2.39	-99.0	96.58	-65.0	296.91	-31.0	360.70	3.0	376.16
-166.0	1.34	-132.0	2.96	-98.0	99.30	-64.0	302.75	-30.0	362.13	4.0	376.43
-165.0	1.37	-131.0	3.72	-97.0	101.92	-63.0	308.13	-29.0	363.46	5.0	376.87
-164.0	1.42	-130.0	4.74	-96.0	104.45	-62.0	312.87	-28.0	364.80	6.0	377.30
-163.0	1.47	-129.0	6.58	-95.0	106.83	-61.0	316.99	-27.0	366.05	7.0	377.59
-162.0	1.51	-128.0	8.78	-94.0	109.10	-60.0	320.36	-26.0	367.28	8.0	377.76
-161.0	1.59	-127.0	11.75	-93.0	111.25	-59.0	323.14	-25.0	368.49	9.0	377.71
-160.0	2.11	-126.0	15.00	-92.0	113.34	-58.0	325.32	-24.0	369.79	10.0	377.63
-159.0	2.85	-125.0	18.05	-91.0	115.41	-57.0	327.27	-23.0	371.06	11.0	377.56
-158.0	3.77	-124.0	21.08	-90.0	117.28	-56.0	329.04	-22.0	372.40	12.0	377.53
-157.0	4.39	-123.0	24.12	-89.0	118.65	-55.0	330.64	-21.0	373.67	13.0	377.59
-156.0	4.58	-122.0	27.12	-88.0	120.74	-54.0	332.20	-20.0	374.88	14.0	377.60
-155.0	4.57	-121.0	30.14	-87.0	124.64	-53.0	333.70	-19.0	376.10	15.0	377.58
-154.0	4.46	-120.0	33.15	-86.0	129.81	-52.0	335.15	-18.0	377.29	16.0	377.38
-153.0	4.31	-119.0	36.20	-85.0	136.30	-51.0	336.48	-17.0	378.47	17.0	376.86
-152.0	4.18	-118.0	39.31	-84.0	144.05	-50.0	337.64	-16.0	379.56	18.0	376.17
-151.0	4.09	-117.0	42.41	-83.0	152.42	-49.0	338.60	-15.0	380.30	19.0	375.41
-150.0	3.98	-116.0	45.56	-82.0	160.91	-48.0	339.05	-14.0	380.78	20.0	374.68
-149.0	3.81	-115.0	48.73	-81.0	169.43	-47.0	339.07	-13.0	381.03	21.0	373.91
-148.0	3.52	-114.0	51.87	-80.0	177.97	-46.0	339.11	-12.0	381.01	22.0	373.02
-147.0	3.02	-113.0	55.00	-79.0	186.38	-45.0	339.71	-11.0	380.84	23.0	372.08

Tabulator: \_\_\_\_\_

Verifier: \_\_\_\_\_

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 Lighting Intensity Data Table---Continue

Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.
24.0	371.04	51.0	325.30	78.0	220.36	105.0	83.56	132.0	14.71	159.0	4.17
25.0	369.98	52.0	324.45	79.0	211.95	106.0	81.41	133.0	12.07	160.0	4.24
26.0	368.81	53.0	323.76	80.0	203.54	107.0	79.26	134.0	9.72	161.0	4.32
27.0	367.60	54.0	323.28	81.0	195.29	108.0	77.06	135.0	7.94	162.0	4.43
28.0	366.31	55.0	322.70	82.0	186.77	109.0	74.82	136.0	6.43	163.0	4.53
29.0	364.96	56.0	321.69	83.0	178.37	110.0	72.54	137.0	4.76	164.0	4.57
30.0	363.50	57.0	320.46	84.0	169.67	111.0	70.26	138.0	3.26	165.0	4.25
31.0	361.88	58.0	318.98	85.0	161.09	112.0	67.93	139.0	2.02	166.0	3.39
32.0	360.31	59.0	317.38	86.0	152.33	113.0	65.59	140.0	1.40	167.0	2.60
33.0	358.82	60.0	315.66	87.0	143.70	114.0	63.21	141.0	1.29	168.0	1.92
34.0	357.33	61.0	313.86	88.0	134.92	115.0	60.86	142.0	1.28	169.0	1.59
35.0	355.81	62.0	311.86	89.0	126.60	116.0	58.44	143.0	1.29	170.0	1.49
36.0	354.19	63.0	309.78	90.0	119.13	117.0	56.05	144.0	1.46	171.0	1.43
37.0	352.48	64.0	307.45	91.0	113.77	118.0	53.63	145.0	1.67	172.0	1.39
38.0	350.53	65.0	304.82	92.0	110.70	119.0	51.23	146.0	1.79	173.0	1.35
39.0	348.32	66.0	302.13	93.0	108.80	120.0	48.80	147.0	1.74	174.0	1.31
40.0	345.87	67.0	298.94	94.0	106.68	121.0	46.40	148.0	1.74	175.0	1.31
41.0	343.49	68.0	293.94	95.0	104.64	122.0	43.92	149.0	1.83	176.0	1.32
42.0	340.97	69.0	287.78	96.0	102.45	123.0	41.39	150.0	2.09	177.0	1.34
43.0	338.52	70.0	281.00	97.0	100.25	124.0	38.75	151.0	2.40	178.0	1.36
44.0	336.21	71.0	274.05	98.0	98.04	125.0	36.10	152.0	2.72	179.0	1.35
45.0	334.21	72.0	266.83	99.0	95.85	126.0	33.47	153.0	2.98	180.0	1.32
46.0	332.24	73.0	259.52	100.0	93.72	127.0	30.44	154.0	3.16		
47.0	330.53	74.0	251.96	101.0	91.71	128.0	27.15	155.0	3.34		
48.0	328.97	75.0	244.40	102.0	89.68	129.0	23.82	156.0	3.57		
49.0	327.62	76.0	236.57	103.0	87.69	130.0	20.37	157.0	3.81		
50.0	326.33	77.0	228.72	104.0	85.64	131.0	17.43	158.0	4.02		

Tabulator: \_\_\_\_\_

Verifier: \_\_\_\_\_