

# Light Intensity Distribution Test

## Product Information

Product Name: LWB128-P

Manufactory: CT

Operator:

Test Date: 2018-06-22

## 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: 214.9 V

Current: 0.189 A

Power: 33.74 W

PF: 0.831

## Photometric Param

Maximum Cand. (I<sub>vm</sub>): 754.65 cd

Max. Cand. Angle (Deg): C=180.0  $\gamma$ = 2.0

Center Cd(I<sub>vo</sub>): 754.55 cd

Beam Angle (50%)  $\beta$ : 102.5 deg.

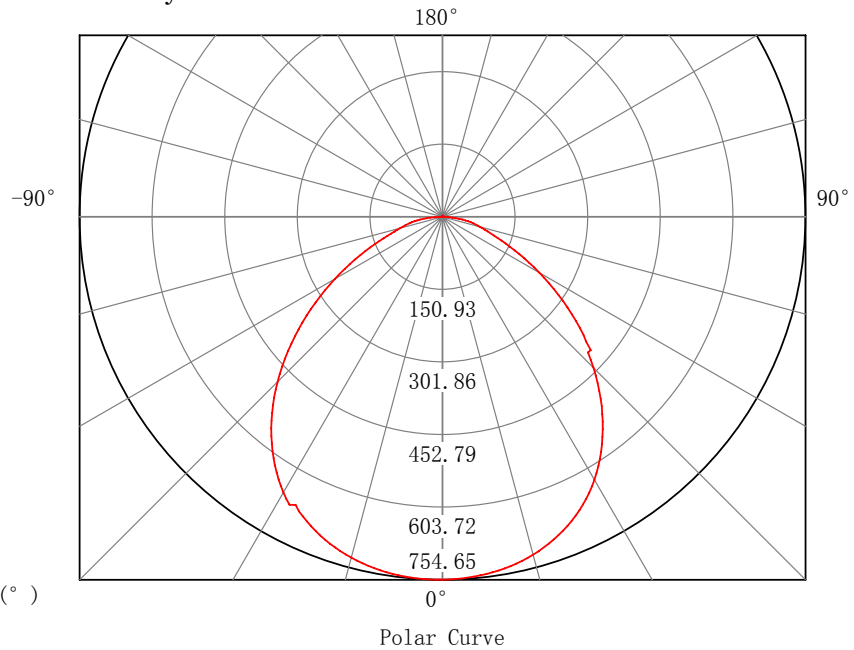
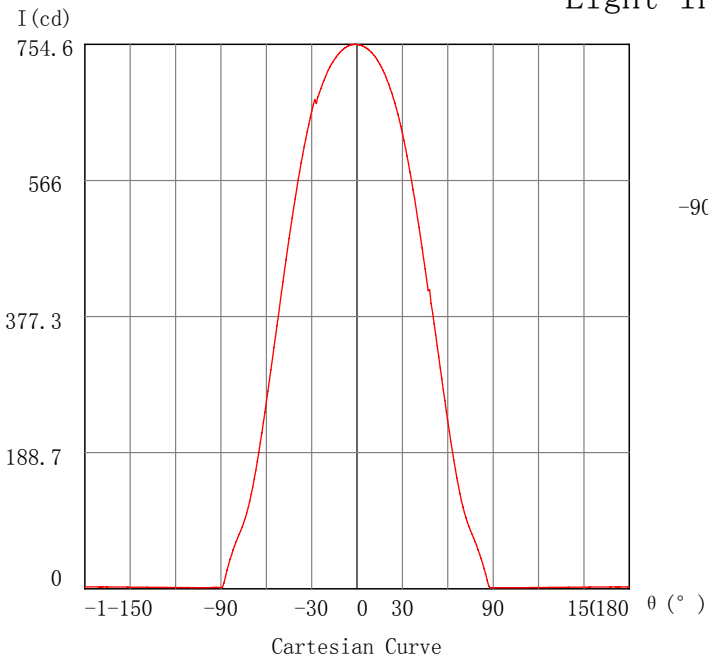
Lumens: 1918.680 lm

Lumen-Effic: 56.867 lm/W

90 Deg. Lumens: 1147.816 lmW

120 Deg. Lumens: 1607.744 lm

## Light Intensity Plot



C0-180 ————

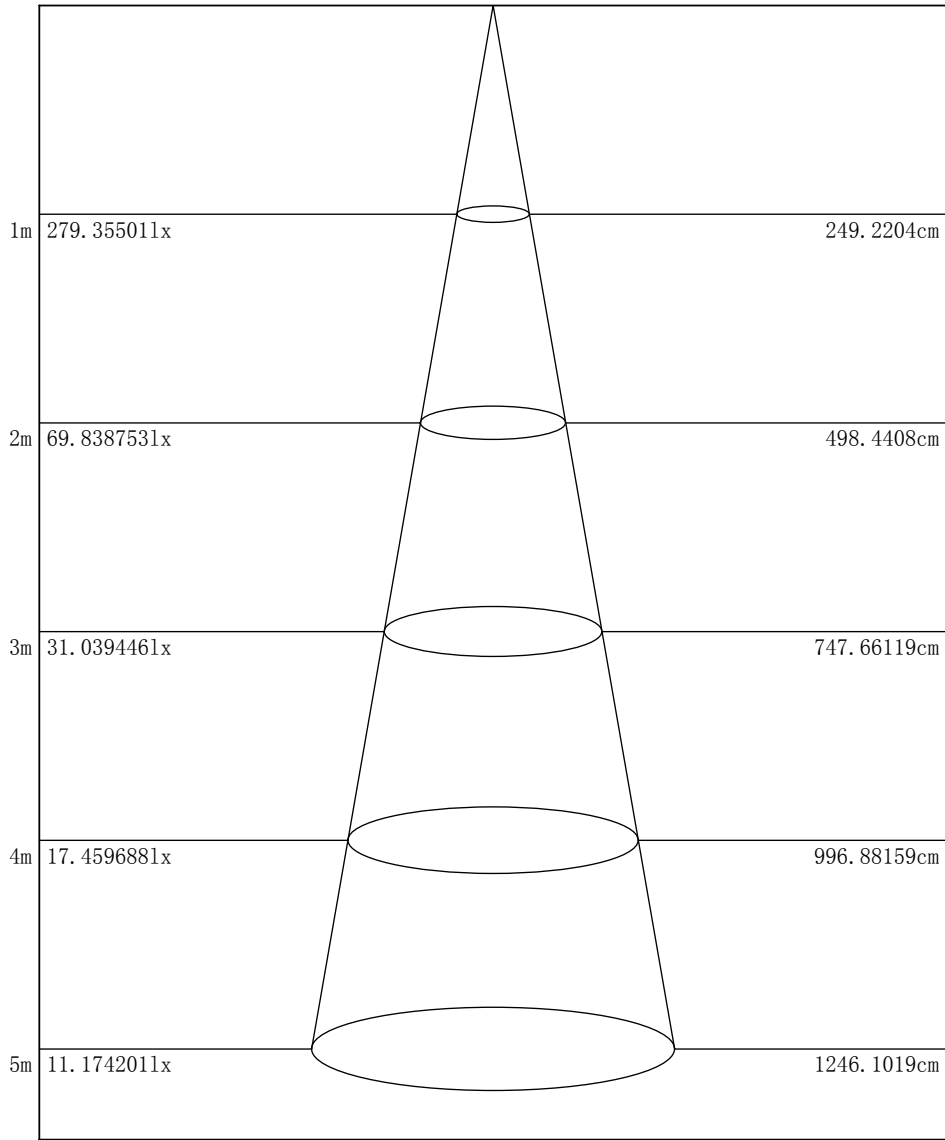
Tabulator: \_\_\_\_\_

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

# Lux-Distance Diagram

Luminous Flux: 1918.68 lm

Beam Luminous Flux: 1362.742 lm



Height Aver. Lux

Beam Ang. =102.5(° )

Beam Dia.

10%Beam Angle= 154(° )

50%Beam Angle= 102.5(° )

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

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

## Lighting Intensity Data Table

Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.
-180.0	2.57	-146.0	2.19	-112.0	1.66	-78.0	75.22	-44.0	499.63	-10.0	746.39
-179.0	2.54	-145.0	2.15	-111.0	1.63	-77.0	80.26	-43.0	513.58	-9.0	748.25
-178.0	2.50	-144.0	2.11	-110.0	1.61	-76.0	85.59	-42.0	527.23	-8.0	749.76
-177.0	2.48	-143.0	2.10	-109.0	1.61	-75.0	91.41	-41.0	540.49	-7.0	751.18
-176.0	2.49	-142.0	2.09	-108.0	1.63	-74.0	97.80	-40.0	553.47	-6.0	752.22
-175.0	2.51	-141.0	2.10	-107.0	1.62	-73.0	104.90	-39.0	566.19	-5.0	753.12
-174.0	2.54	-140.0	2.10	-106.0	1.59	-72.0	112.75	-38.0	578.36	-4.0	753.84
-173.0	2.54	-139.0	2.06	-105.0	1.55	-71.0	121.38	-37.0	590.25	-3.0	754.30
-172.0	2.51	-138.0	2.01	-104.0	1.53	-70.0	130.81	-36.0	601.60	-2.0	754.65
-171.0	2.47	-137.0	1.98	-103.0	1.52	-69.0	141.10	-35.0	612.70	-1.0	754.62
-170.0	2.44	-136.0	1.98	-102.0	1.54	-68.0	152.17	-34.0	623.29	0.0	754.55
-169.0	2.46	-135.0	1.99	-101.0	1.56	-67.0	163.95	-33.0	633.60	1.0	754.07
-168.0	2.48	-134.0	1.99	-100.0	1.58	-66.0	176.29	-32.0	643.44	2.0	753.58
-167.0	2.50	-133.0	1.98	-99.0	1.57	-65.0	189.17	-31.0	652.82	3.0	752.94
-166.0	2.48	-132.0	1.94	-98.0	1.56	-64.0	202.45	-30.0	661.78	4.0	751.96
-165.0	2.44	-131.0	1.90	-97.0	1.61	-63.0	216.17	-29.0	670.31	5.0	751.01
-164.0	2.40	-130.0	1.88	-96.0	1.69	-62.0	230.18	-28.0	678.22	6.0	749.62
-163.0	2.39	-129.0	1.88	-95.0	1.79	-61.0	244.52	-27.0	672.69	7.0	748.21
-162.0	2.39	-128.0	1.90	-94.0	1.88	-60.0	259.04	-26.0	681.38	8.0	746.44
-161.0	2.41	-127.0	1.91	-93.0	1.86	-59.0	273.78	-25.0	687.24	9.0	744.54
-160.0	2.41	-126.0	1.87	-92.0	1.78	-58.0	288.61	-24.0	693.29	10.0	742.51
-159.0	2.37	-125.0	1.83	-91.0	1.72	-57.0	303.77	-23.0	699.04	11.0	740.00
-158.0	2.32	-124.0	1.79	-90.0	1.74	-56.0	318.83	-22.0	704.60	12.0	737.34
-157.0	2.29	-123.0	1.78	-89.0	2.31	-55.0	334.20	-21.0	709.75	13.0	734.33
-156.0	2.30	-122.0	1.79	-88.0	8.19	-54.0	349.41	-20.0	714.54	14.0	730.98
-155.0	2.32	-121.0	1.80	-87.0	17.05	-53.0	364.70	-19.0	719.09	15.0	727.43
-154.0	2.33	-120.0	1.81	-86.0	25.79	-52.0	380.01	-18.0	723.08	16.0	723.37
-153.0	2.31	-119.0	1.77	-85.0	33.63	-51.0	395.24	-17.0	726.92	17.0	719.16
-152.0	2.27	-118.0	1.73	-84.0	40.70	-50.0	410.50	-16.0	730.37	18.0	714.59
-151.0	2.22	-117.0	1.71	-83.0	47.32	-49.0	425.72	-15.0	733.61	19.0	709.55
-150.0	2.19	-116.0	1.69	-82.0	53.72	-48.0	440.88	-14.0	736.70	20.0	704.45
-149.0	2.19	-115.0	1.71	-81.0	59.70	-47.0	456.02	-13.0	739.42	21.0	698.99
-148.0	2.21	-114.0	1.72	-80.0	65.26	-46.0	470.83	-12.0	742.07	22.0	693.00
-147.0	2.23	-113.0	1.70	-79.0	70.35	-45.0	485.46	-11.0	744.34	23.0	686.84

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	680.15	51.0	367.28	78.0	65.44	105.0	1.49	132.0	1.89	159.0	2.32
25.0	673.17	52.0	352.07	79.0	60.05	106.0	1.52	133.0	1.94	160.0	2.35
26.0	665.78	53.0	336.66	80.0	54.24	107.0	1.55	134.0	1.99	161.0	2.40
27.0	657.82	54.0	321.31	81.0	48.12	108.0	1.54	135.0	2.00	162.0	2.43
28.0	649.62	55.0	306.03	82.0	41.77	109.0	1.53	136.0	1.98	163.0	2.43
29.0	640.79	56.0	290.94	83.0	35.14	110.0	1.53	137.0	1.98	164.0	2.41
30.0	631.38	57.0	275.92	84.0	28.03	111.0	1.55	138.0	1.99	165.0	2.40
31.0	621.41	58.0	261.12	85.0	20.38	112.0	1.59	139.0	2.01	166.0	2.40
32.0	611.06	59.0	246.46	86.0	11.81	113.0	1.62	140.0	2.07	167.0	2.43
33.0	600.29	60.0	232.11	87.0	3.99	114.0	1.66	141.0	2.11	168.0	2.47
34.0	589.18	61.0	218.00	88.0	1.38	115.0	1.65	142.0	2.12	169.0	2.51
35.0	577.53	62.0	204.25	89.0	1.36	116.0	1.64	143.0	2.10	170.0	2.50
36.0	565.52	63.0	190.91	90.0	1.36	117.0	1.64	144.0	2.09	171.0	2.47
37.0	553.10	64.0	177.96	91.0	1.38	118.0	1.66	145.0	2.09	172.0	2.45
38.0	540.71	65.0	165.54	92.0	1.42	119.0	1.70	146.0	2.13	173.0	2.45
39.0	527.74	66.0	153.59	93.0	1.42	120.0	1.74	147.0	2.18	174.0	2.48
40.0	514.58	67.0	142.42	94.0	1.41	121.0	1.77	148.0	2.23	175.0	2.52
41.0	500.81	68.0	131.97	95.0	1.38	122.0	1.76	149.0	2.24	176.0	2.55
42.0	486.85	69.0	122.40	96.0	1.39	123.0	1.75	150.0	2.23	177.0	2.52
43.0	472.50	70.0	113.60	97.0	1.40	124.0	1.75	151.0	2.22	178.0	2.49
44.0	457.98	71.0	105.65	98.0	1.43	125.0	1.77	152.0	2.22	179.0	2.47
45.0	443.30	72.0	98.36	99.0	1.46	126.0	1.81	153.0	2.25	180.0	2.47
46.0	428.45	73.0	91.87	100.0	1.48	127.0	1.85	154.0	2.31		
47.0	413.31	74.0	85.92	101.0	1.47	128.0	1.87	155.0	2.35		
48.0	414.39	75.0	80.62	102.0	1.45	129.0	1.87	156.0	2.35		
49.0	395.28	76.0	75.53	103.0	1.45	130.0	1.86	157.0	2.34		
50.0	382.28	77.0	70.59	104.0	1.46	131.0	1.86	158.0	2.32		

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

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