

# Light Intensity Distribution Test

## Product Information

Product Name: CT0034520

Operator:

Manufactory:

Test Date: 2017-03-25

## Test Condition

Temperature: 30.9 Cels.

Start Angle: -180 Deg.

Step Angle: 1 Deg.

Test Distance: 3 m

Humidity: 60 %

End Angle: 180 Deg.

Plane Number.: 1

## Electric Param

Voltage: 236 V

Power: 20.09 W

Current: 0.092 A

PF: 0.924

## Photometric Param

Maximum Cand. (I<sub>vm</sub>): 583.47 cd

Center Cd(I<sub>vo</sub>): 583.22 cd

Lumens: 2099.655 lm

90 Deg. Lumens: 892.111 lm/W

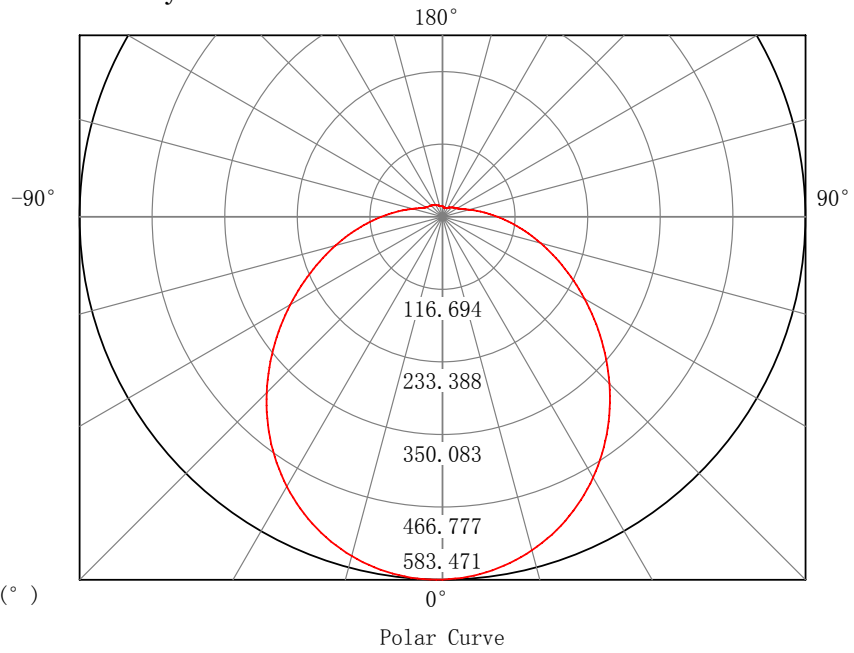
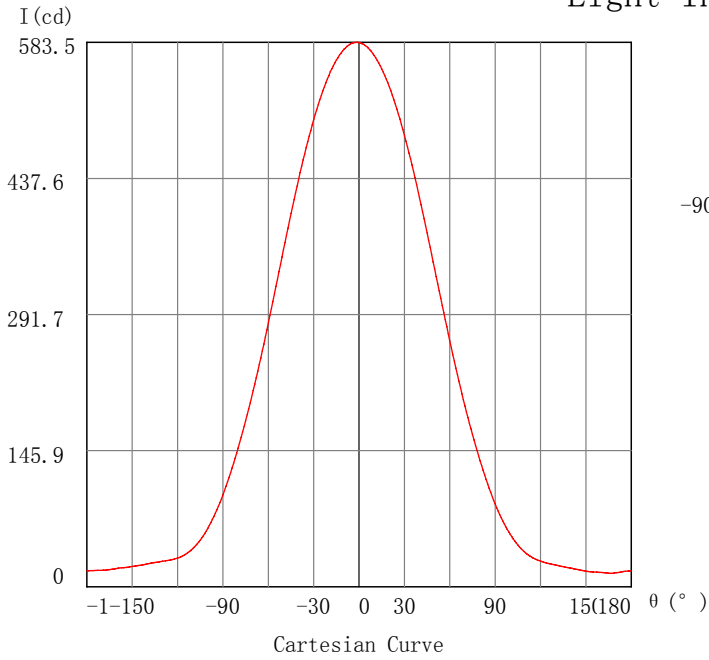
Max. Cand. Angle(Deg): C=180.0  $\gamma$ = 2.0

Beam Angle(50%)  $\beta$ : 115.1 deg.

Lumen-Effic: 104.512 lm/W

120 Deg. Lumens: 1320.607 lm

## Light Intensity Plot



C0-180 —————

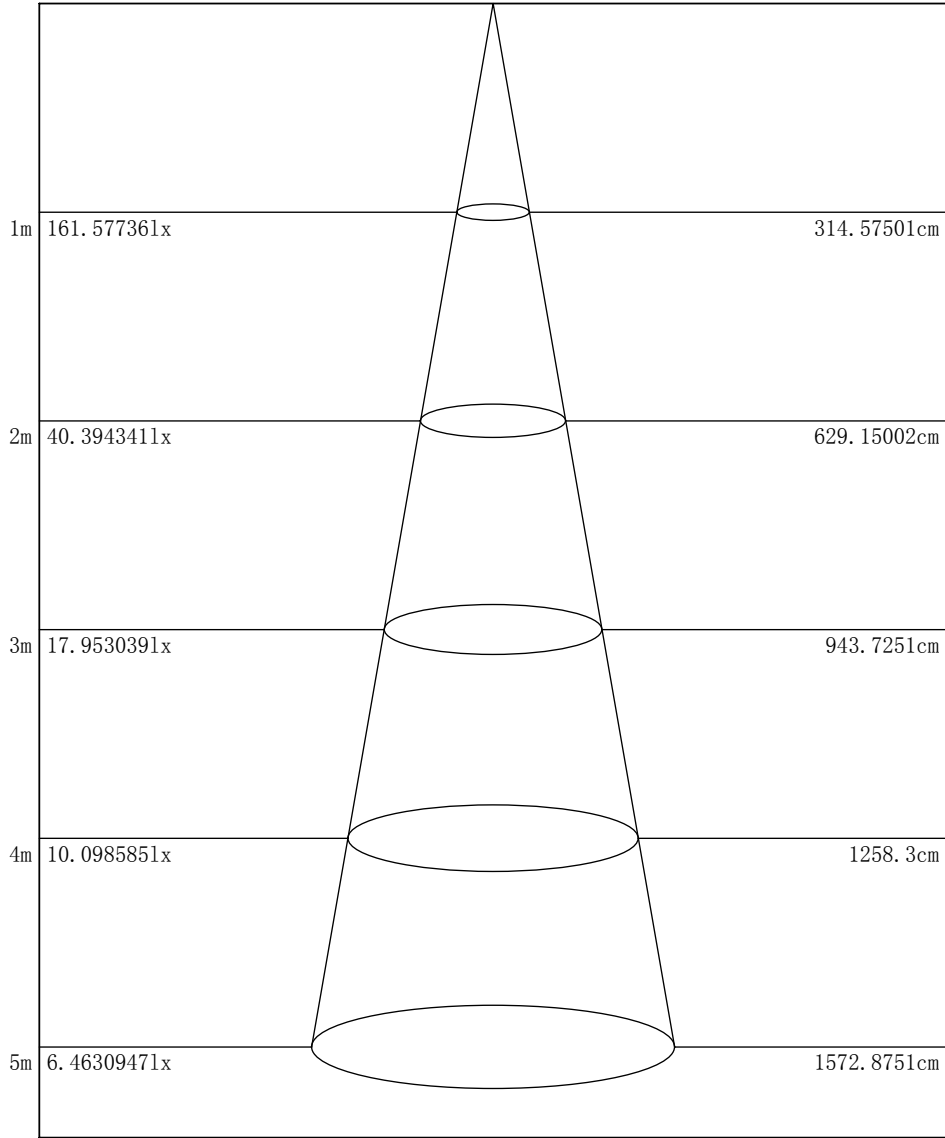
Tabulator: \_\_\_\_\_

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

# Lux-Distance Diagram

Luminous Flux: 2099.655 lm

Beam Luminous Flux: 1255.795 lm



Height Aver. Lux

Beam Ang. =115.1(° )

Beam Dia.

10%Beam Angle= 200.8(° )

50%Beam Angle= 115.1(° )

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

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

## Lighting Intensity Data Table

Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.
-180.0	17.04	-146.0	22.70	-112.0	38.09	-78.0	160.13	-44.0	407.40	-10.0	576.16
-179.0	17.08	-145.0	22.94	-111.0	39.44	-77.0	166.02	-43.0	414.89	-9.0	577.50
-178.0	17.14	-144.0	23.18	-110.0	40.94	-76.0	172.07	-42.0	422.35	-8.0	579.25
-177.0	17.23	-143.0	23.49	-109.0	42.48	-75.0	178.09	-41.0	429.45	-7.0	580.31
-176.0	17.35	-142.0	23.84	-108.0	44.15	-74.0	184.42	-40.0	436.66	-6.0	581.43
-175.0	17.44	-141.0	24.19	-107.0	46.01	-73.0	190.71	-39.0	443.88	-5.0	582.42
-174.0	17.51	-140.0	24.56	-106.0	47.94	-72.0	197.13	-38.0	450.64	-4.0	582.79
-173.0	17.56	-139.0	24.88	-105.0	50.09	-71.0	203.75	-37.0	457.66	-3.0	583.29
-172.0	17.58	-138.0	25.17	-104.0	52.32	-70.0	210.32	-36.0	464.02	-2.0	583.47
-171.0	17.62	-137.0	25.44	-103.0	54.72	-69.0	217.17	-35.0	470.55	-1.0	583.44
-170.0	17.69	-136.0	25.68	-102.0	57.25	-68.0	223.97	-34.0	476.93	0.0	583.22
-169.0	17.75	-135.0	25.95	-101.0	59.96	-67.0	231.01	-33.0	482.96	1.0	582.62
-168.0	17.87	-134.0	26.19	-100.0	62.80	-66.0	238.16	-32.0	489.08	2.0	581.90
-167.0	18.00	-133.0	26.44	-99.0	65.76	-65.0	245.28	-31.0	495.01	3.0	581.43
-166.0	18.16	-132.0	26.73	-98.0	68.84	-64.0	252.72	-30.0	500.77	4.0	580.02
-165.0	18.32	-131.0	27.04	-97.0	72.13	-63.0	260.08	-29.0	506.41	5.0	579.06
-164.0	18.53	-130.0	27.33	-96.0	75.43	-62.0	267.54	-28.0	511.45	6.0	577.45
-163.0	18.76	-129.0	27.55	-95.0	78.96	-61.0	275.25	-27.0	516.80	7.0	575.67
-162.0	19.03	-128.0	27.77	-94.0	82.61	-60.0	282.75	-26.0	521.91	8.0	573.99
-161.0	19.33	-127.0	28.00	-93.0	86.37	-59.0	290.48	-25.0	526.52	9.0	571.59
-160.0	19.64	-126.0	28.24	-92.0	90.33	-58.0	298.31	-24.0	531.41	10.0	569.43
-159.0	19.91	-125.0	28.54	-91.0	94.37	-57.0	305.81	-23.0	535.73	11.0	567.06
-158.0	20.14	-124.0	28.89	-90.0	98.67	-56.0	313.91	-22.0	540.01	12.0	564.18
-157.0	20.33	-123.0	29.28	-89.0	103.13	-55.0	321.87	-21.0	544.35	13.0	561.49
-156.0	20.42	-122.0	29.76	-88.0	107.63	-54.0	329.59	-20.0	547.92	14.0	558.33
-155.0	20.53	-121.0	30.19	-87.0	112.40	-53.0	337.72	-19.0	552.02	15.0	554.91
-154.0	20.67	-120.0	30.73	-86.0	117.19	-52.0	345.44	-18.0	555.21	16.0	551.46
-153.0	20.91	-119.0	31.30	-85.0	122.11	-51.0	353.32	-17.0	558.43	17.0	547.83
-152.0	21.15	-118.0	31.96	-84.0	127.16	-50.0	361.31	-16.0	561.68	18.0	543.84
-151.0	21.44	-117.0	32.72	-83.0	132.35	-49.0	368.97	-15.0	564.56	19.0	540.33
-150.0	21.74	-116.0	33.56	-82.0	137.68	-48.0	376.76	-14.0	567.14	20.0	535.86
-149.0	21.98	-115.0	34.56	-81.0	143.13	-47.0	384.61	-13.0	569.85	21.0	531.66
-148.0	22.22	-114.0	35.61	-80.0	148.66	-46.0	392.19	-12.0	571.90	22.0	526.94
-147.0	22.46	-113.0	36.80	-79.0	154.41	-45.0	400.08	-11.0	574.04	23.0	521.93

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	517.23	51.0	332.55	78.0	145.98	105.0	44.71	132.0	22.52	159.0	15.43
25.0	511.78	52.0	324.69	79.0	140.61	106.0	42.79	133.0	22.15	160.0	15.30
26.0	506.74	53.0	317.08	80.0	135.20	107.0	41.00	134.0	21.76	161.0	15.17
27.0	501.39	54.0	309.18	81.0	130.03	108.0	39.41	135.0	21.45	162.0	15.04
28.0	495.49	55.0	301.47	82.0	124.92	109.0	37.87	136.0	21.14	163.0	14.94
29.0	489.99	56.0	293.81	83.0	119.92	110.0	36.46	137.0	20.86	164.0	14.79
30.0	483.89	57.0	286.00	84.0	115.04	111.0	35.15	138.0	20.57	165.0	14.52
31.0	477.68	58.0	278.57	85.0	110.32	112.0	33.94	139.0	20.25	166.0	14.32
32.0	471.51	59.0	270.96	86.0	105.66	113.0	32.83	140.0	19.92	167.0	14.39
33.0	464.98	60.0	263.44	87.0	101.19	114.0	31.79	141.0	19.60	168.0	14.61
34.0	458.78	61.0	256.20	88.0	96.81	115.0	30.91	142.0	19.23	169.0	14.84
35.0	452.08	62.0	248.69	89.0	92.55	116.0	30.03	143.0	18.89	170.0	15.04
36.0	445.06	63.0	241.61	90.0	88.59	117.0	29.28	144.0	18.58	171.0	15.21
37.0	438.25	64.0	234.45	91.0	84.64	118.0	28.62	145.0	18.29	172.0	15.38
38.0	431.17	65.0	227.35	92.0	80.93	119.0	28.00	146.0	17.96	173.0	15.70
39.0	423.92	66.0	220.42	93.0	77.32	120.0	27.44	147.0	17.62	174.0	16.06
40.0	416.81	67.0	213.59	94.0	73.85	121.0	26.89	148.0	17.31	175.0	16.39
41.0	409.31	68.0	206.84	95.0	70.56	122.0	26.36	149.0	17.01	176.0	16.60
42.0	401.96	69.0	200.36	96.0	67.37	123.0	25.86	150.0	16.67	177.0	16.74
43.0	394.41	70.0	193.79	97.0	64.36	124.0	25.39	151.0	16.37	178.0	16.83
44.0	386.88	71.0	187.47	98.0	61.48	125.0	24.97	152.0	16.19	179.0	16.87
45.0	379.23	72.0	181.24	99.0	58.78	126.0	24.59	153.0	16.06	180.0	16.91
46.0	371.43	73.0	174.98	100.0	56.13	127.0	24.23	154.0	15.86		
47.0	363.70	74.0	169.04	101.0	53.57	128.0	23.93	155.0	15.67		
48.0	356.03	75.0	163.07	102.0	51.16	129.0	23.60	156.0	15.62		
49.0	348.19	76.0	157.27	103.0	48.91	130.0	23.26	157.0	15.62		
50.0	340.39	77.0	151.61	104.0	46.73	131.0	22.91	158.0	15.55		

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

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