

# Light Intensity Distribution Test

## Product Information

Product Name: CT0034530

Operator:

Manufactory:

Test Date: 2017-03-25

## 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: 236 V

Current: 0.127 A

Power: 28.61 W

PF: 0.953

## Photometric Param

Maximum Cand. (I<sub>vm</sub>): 756.98 cd

Max. Cand. Angle(Deg): C=180.0 gama= 2.0

Center Cd(I<sub>vo</sub>): 756.61 cd

Beam Angle(50%) β : 117.0 deg.

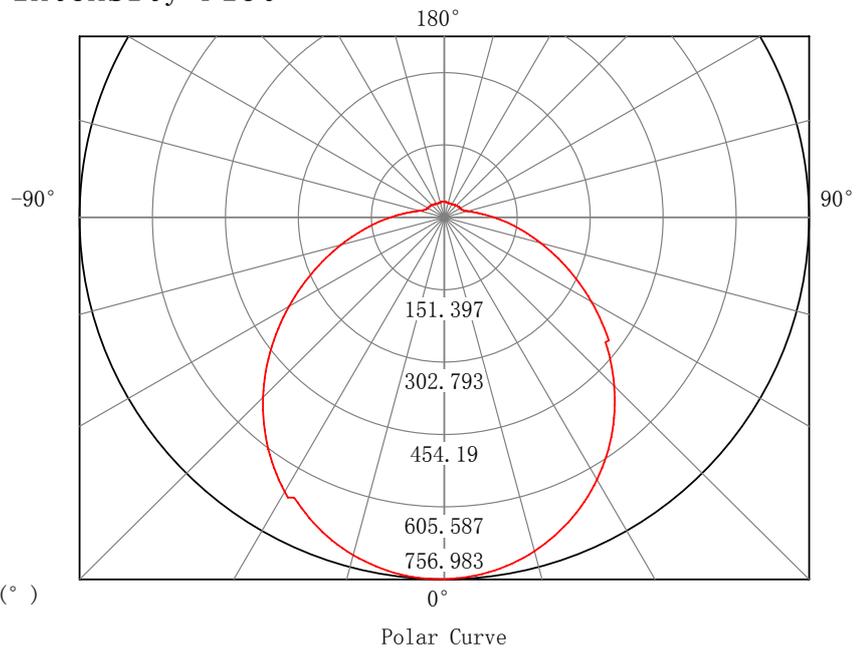
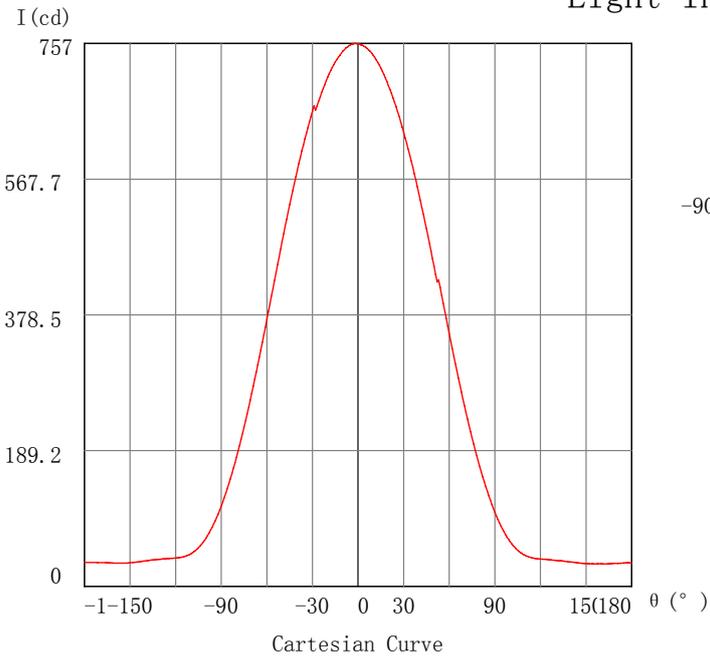
Lumens: 2722.914 lm

Lumen-Effic: 95.173 lm/W

90 Deg. Lumens: 1169.000 lmW

120 Deg. Lumens: 1737.686 lm

## Light Intensity Plot



C0-180 ————

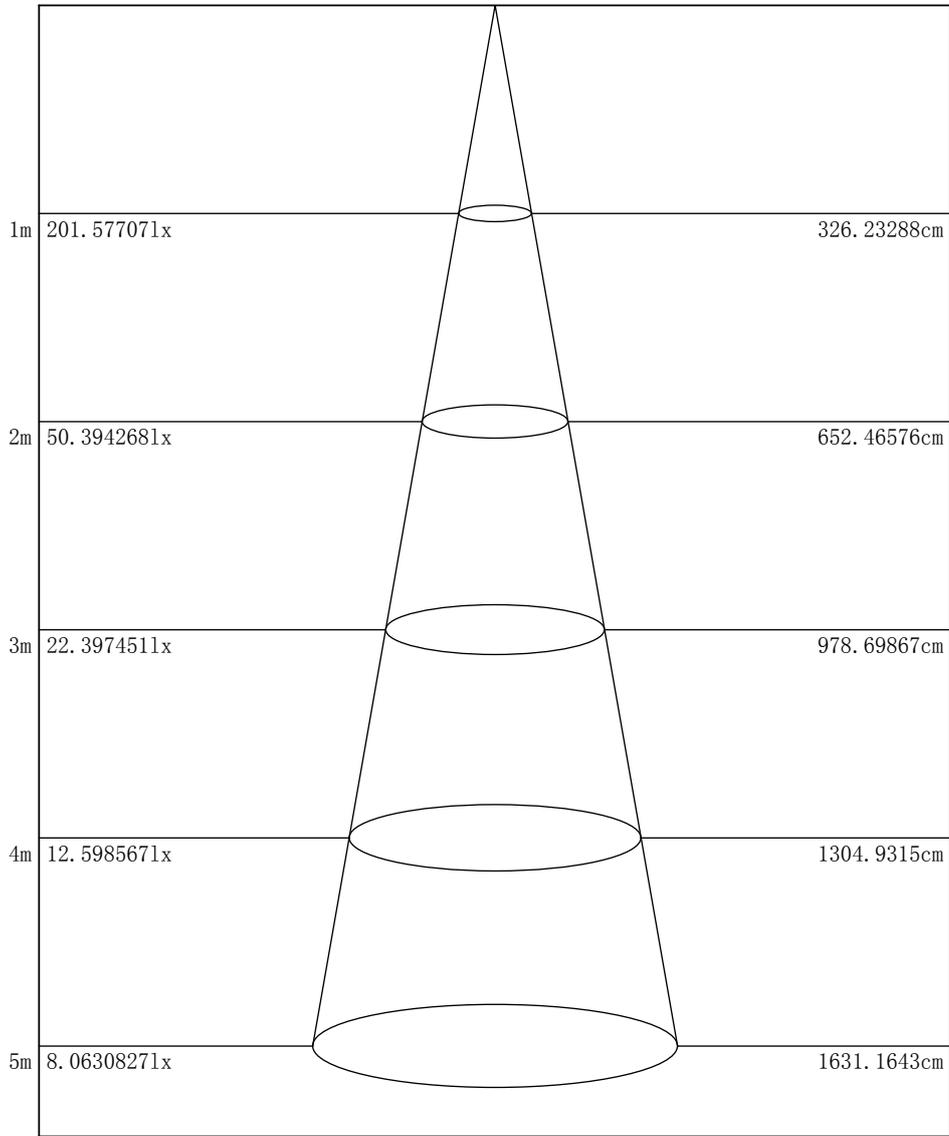
Tabulator: \_\_\_\_\_

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

# Lux-Distance Diagram

Luminous Flux: 2722.914 lm

Beam Luminous Flux: 1684.948 lm



Height Aver. Lux

Beam Ang. =117.0(° )

Beam Dia.

10%Beam Angle= 193.8(° )

50%Beam Angle= 117(° )

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

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

## Lighting Intensity Data Table

Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.
-180.0	33.19	-146.0	33.78	-112.0	43.26	-78.0	196.20	-44.0	542.01	-10.0	746.30
-179.0	33.25	-145.0	34.04	-111.0	44.27	-77.0	204.80	-43.0	552.11	-9.0	748.35
-178.0	33.25	-144.0	34.29	-110.0	45.43	-76.0	213.37	-42.0	561.36	-8.0	750.74
-177.0	33.32	-143.0	34.58	-109.0	46.78	-75.0	222.22	-41.0	570.94	-7.0	751.98
-176.0	33.35	-142.0	34.88	-108.0	48.30	-74.0	231.19	-40.0	580.27	-6.0	753.87
-175.0	33.33	-141.0	35.19	-107.0	49.98	-73.0	240.47	-39.0	589.36	-5.0	755.04
-174.0	33.33	-140.0	35.53	-106.0	51.83	-72.0	249.64	-38.0	598.28	-4.0	755.78
-173.0	33.28	-139.0	35.81	-105.0	53.92	-71.0	259.40	-37.0	607.19	-3.0	756.32
-172.0	33.23	-138.0	36.07	-104.0	56.15	-70.0	268.82	-36.0	615.39	-2.0	756.98
-171.0	33.16	-137.0	36.34	-103.0	58.67	-69.0	278.80	-35.0	623.89	-1.0	756.69
-170.0	33.13	-136.0	36.55	-102.0	61.29	-68.0	288.74	-34.0	631.91	0.0	756.61
-169.0	33.09	-135.0	36.78	-101.0	64.27	-67.0	298.78	-33.0	639.59	1.0	756.14
-168.0	33.06	-134.0	36.98	-100.0	67.42	-66.0	308.86	-32.0	648.16	2.0	754.76
-167.0	33.02	-133.0	37.20	-99.0	70.84	-65.0	319.40	-31.0	655.10	3.0	754.42
-166.0	32.99	-132.0	37.44	-98.0	74.49	-64.0	329.64	-30.0	662.62	4.0	752.86
-165.0	32.91	-131.0	37.67	-97.0	78.39	-63.0	340.42	-29.0	669.85	5.0	751.64
-164.0	32.82	-130.0	37.90	-96.0	82.45	-62.0	350.84	-28.0	664.01	6.0	749.98
-163.0	32.72	-129.0	38.13	-95.0	86.89	-61.0	361.57	-27.0	669.96	7.0	747.67
-162.0	32.57	-128.0	38.30	-94.0	91.39	-60.0	372.45	-26.0	676.30	8.0	745.87
-161.0	32.49	-127.0	38.48	-93.0	96.32	-59.0	383.20	-25.0	682.02	9.0	743.32
-160.0	32.41	-126.0	38.61	-92.0	101.29	-58.0	393.89	-24.0	688.62	10.0	740.31
-159.0	32.39	-125.0	38.74	-91.0	106.65	-57.0	404.95	-23.0	694.08	11.0	737.71
-158.0	32.37	-124.0	38.87	-90.0	112.18	-56.0	415.48	-22.0	699.43	12.0	733.97
-157.0	32.37	-123.0	38.99	-89.0	118.01	-55.0	426.54	-21.0	705.15	13.0	730.62
-156.0	32.39	-122.0	39.14	-88.0	123.84	-54.0	437.44	-20.0	709.96	14.0	726.94
-155.0	32.41	-121.0	39.33	-87.0	130.20	-53.0	448.39	-19.0	714.81	15.0	722.61
-154.0	32.43	-120.0	39.51	-86.0	136.56	-52.0	459.11	-18.0	719.38	16.0	718.23
-153.0	32.48	-119.0	39.75	-85.0	143.39	-51.0	470.02	-17.0	723.36	17.0	713.53
-152.0	32.54	-118.0	39.98	-84.0	150.25	-50.0	480.41	-16.0	727.48	18.0	708.51
-151.0	32.66	-117.0	40.27	-83.0	157.41	-49.0	491.41	-15.0	731.44	19.0	703.88
-150.0	32.82	-116.0	40.67	-82.0	164.72	-48.0	501.76	-14.0	734.45	20.0	698.01
-149.0	33.02	-115.0	41.13	-81.0	172.38	-47.0	511.77	-13.0	737.79	21.0	692.72
-148.0	33.29	-114.0	41.71	-80.0	180.00	-46.0	522.30	-12.0	740.58	22.0	687.48
-147.0	33.56	-113.0	42.43	-79.0	188.11	-45.0	532.38	-11.0	743.48	23.0	681.00

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	675.22	51.0	435.29	78.0	182.55	105.0	50.28	132.0	35.95	159.0	31.42
25.0	668.81	52.0	424.29	79.0	174.81	106.0	48.45	133.0	35.71	160.0	31.40
26.0	662.03	53.0	427.42	80.0	167.21	107.0	46.83	134.0	35.47	161.0	31.36
27.0	655.40	54.0	416.65	81.0	159.95	108.0	45.42	135.0	35.23	162.0	31.29
28.0	648.25	55.0	405.81	82.0	152.78	109.0	44.15	136.0	34.93	163.0	31.27
29.0	640.73	56.0	394.57	83.0	145.90	110.0	43.07	137.0	34.65	164.0	31.34
30.0	633.49	57.0	384.43	84.0	139.24	111.0	42.11	138.0	34.39	165.0	31.43
31.0	625.30	58.0	373.45	85.0	132.65	112.0	41.25	139.0	34.11	166.0	31.58
32.0	617.75	59.0	362.95	86.0	126.41	113.0	40.54	140.0	33.91	167.0	31.77
33.0	609.50	60.0	352.27	87.0	120.33	114.0	39.93	141.0	33.67	168.0	31.92
34.0	601.20	61.0	341.68	88.0	114.38	115.0	39.39	142.0	33.45	169.0	31.99
35.0	593.04	62.0	331.33	89.0	108.78	116.0	38.98	143.0	33.22	170.0	32.00
36.0	584.26	63.0	320.92	90.0	103.35	117.0	38.63	144.0	32.96	171.0	32.03
37.0	575.45	64.0	310.53	91.0	98.14	118.0	38.38	145.0	32.71	172.0	32.13
38.0	566.24	65.0	300.56	92.0	93.28	119.0	38.21	146.0	32.48	173.0	32.23
39.0	557.09	66.0	290.40	93.0	88.60	120.0	38.09	147.0	32.23	174.0	32.39
40.0	547.72	67.0	280.62	94.0	84.16	121.0	37.96	148.0	32.03	175.0	32.54
41.0	538.06	68.0	270.91	95.0	80.00	122.0	37.86	149.0	31.87	176.0	32.68
42.0	527.93	69.0	261.21	96.0	75.98	123.0	37.69	150.0	31.76	177.0	32.81
43.0	518.64	70.0	251.86	97.0	72.29	124.0	37.53	151.0	31.67	178.0	32.81
44.0	508.15	71.0	242.55	98.0	68.80	125.0	37.34	152.0	31.57	179.0	32.74
45.0	498.46	72.0	233.36	99.0	65.53	126.0	37.13	153.0	31.49	180.0	32.72
46.0	488.33	73.0	224.51	100.0	62.49	127.0	36.94	154.0	31.42		
47.0	477.65	74.0	215.64	101.0	59.60	128.0	36.71	155.0	31.33		
48.0	467.56	75.0	207.07	102.0	56.99	129.0	36.52	156.0	31.32		
49.0	456.78	76.0	198.74	103.0	54.54	130.0	36.32	157.0	31.34		
50.0	446.22	77.0	190.53	104.0	52.28	131.0	36.11	158.0	31.39		

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

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