

# 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: 236.3 V

Current: 0.129 A

Power: 29.21 W

PF: 0.953

## Photometric Param

Maximum Cand. (I<sub>vm</sub>): 744.39 cd

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

Center Cd(I<sub>vo</sub>): 744.39 cd

Beam Angle(50%) β : 117.0 deg.

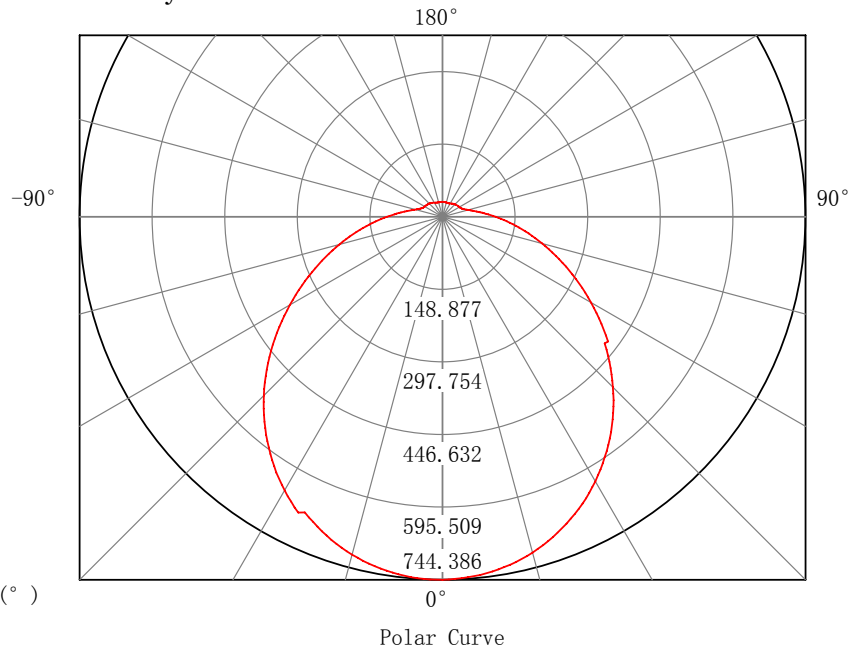
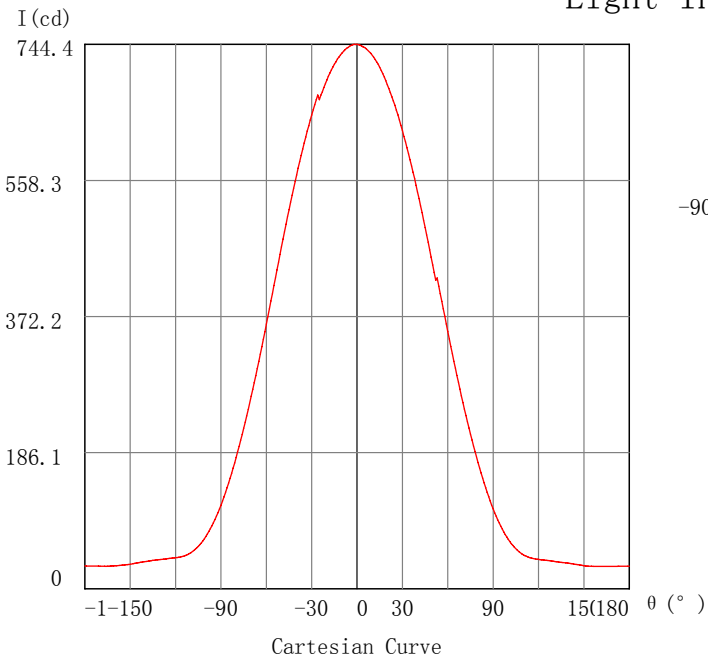
Lumens: 2709.992 lm

Lumen-Effic: 92.776 lm/W

90 Deg. Lumens: 1150.413 lmW

120 Deg. Lumens: 1709.317 lm

## Light Intensity Plot



C0-180 ————

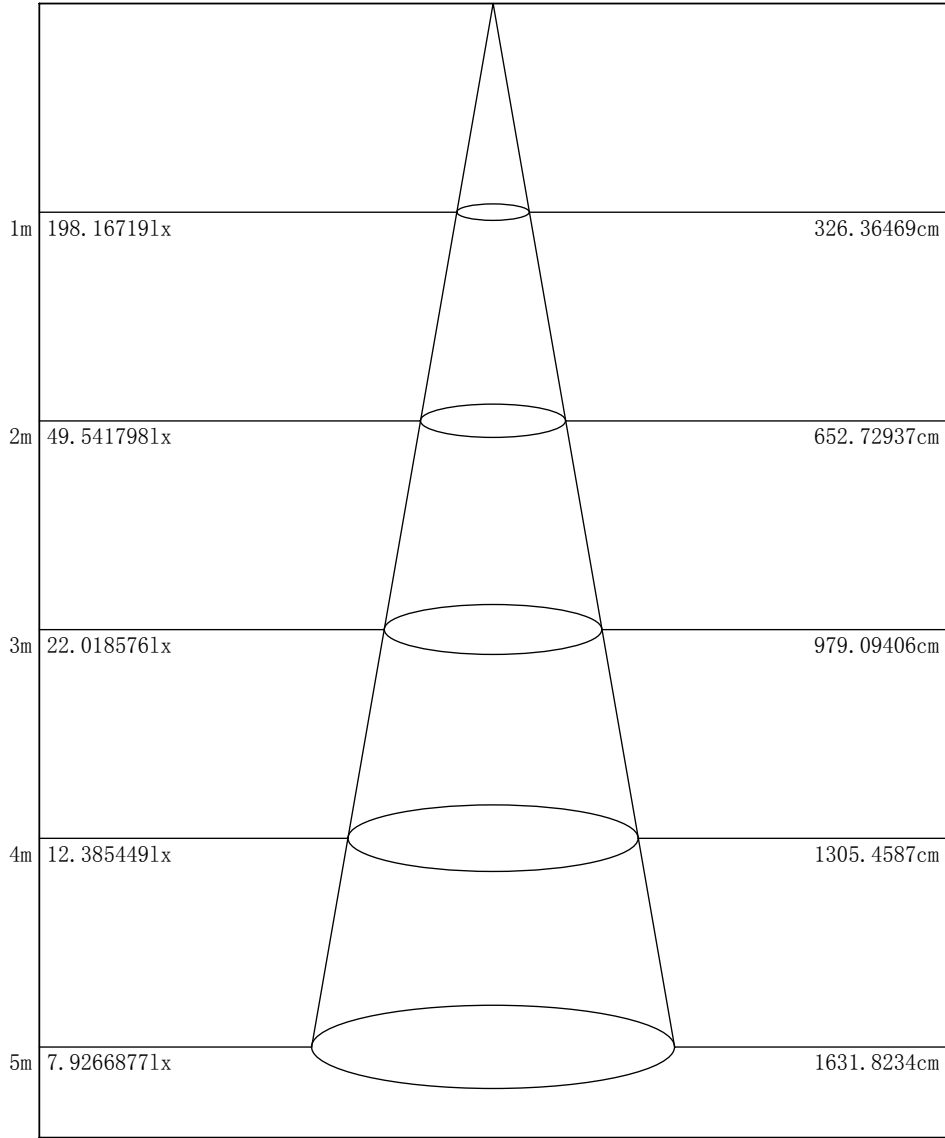
Tabulator: \_\_\_\_\_

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

# Lux-Distance Diagram

Luminous Flux: 2709.992 lm

Beam Luminous Flux: 1657.784 lm



Height Aver. Lux

Beam Ang. =117.0(° )

Beam Dia.

10%Beam Angle= 197(° )

50%Beam Angle= 117(° )

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

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

## Lighting Intensity Data Table

Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.
-180.0	31.10	-146.0	35.09	-112.0	46.84	-78.0	194.78	-44.0	528.29	-10.0	732.54
-179.0	31.05	-145.0	35.48	-111.0	47.95	-77.0	202.77	-43.0	538.02	-9.0	734.76
-178.0	31.00	-144.0	35.84	-110.0	49.21	-76.0	210.92	-42.0	547.25	-8.0	737.04
-177.0	30.93	-143.0	36.16	-109.0	50.67	-75.0	219.32	-41.0	556.98	-7.0	738.90
-176.0	30.91	-142.0	36.47	-108.0	52.22	-74.0	227.81	-40.0	565.68	-6.0	740.16
-175.0	30.92	-141.0	36.78	-107.0	53.97	-73.0	236.28	-39.0	575.08	-5.0	741.87
-174.0	30.90	-140.0	37.09	-106.0	55.89	-72.0	245.26	-38.0	583.99	-4.0	742.93
-173.0	30.91	-139.0	37.40	-105.0	57.95	-71.0	254.18	-37.0	592.29	-3.0	743.62
-172.0	30.90	-138.0	37.74	-104.0	60.28	-70.0	263.21	-36.0	601.06	-2.0	744.38
-171.0	30.88	-137.0	38.07	-103.0	62.77	-69.0	272.53	-35.0	609.45	-1.0	744.23
-170.0	30.86	-136.0	38.42	-102.0	65.49	-68.0	281.87	-34.0	617.46	0.0	744.39
-169.0	30.78	-135.0	38.72	-101.0	68.39	-67.0	291.41	-33.0	625.81	1.0	744.11
-168.0	30.69	-134.0	39.00	-100.0	71.51	-66.0	301.05	-32.0	633.12	2.0	743.11
-167.0	30.68	-133.0	39.27	-99.0	74.87	-65.0	310.86	-31.0	640.84	3.0	742.33
-166.0	30.64	-132.0	39.47	-98.0	78.43	-64.0	320.75	-30.0	647.74	4.0	741.01
-165.0	30.69	-131.0	39.71	-97.0	82.16	-63.0	331.09	-29.0	655.14	5.0	739.97
-164.0	30.80	-130.0	39.92	-96.0	86.17	-62.0	341.07	-28.0	661.78	6.0	738.64
-163.0	30.97	-129.0	40.15	-95.0	90.29	-61.0	351.43	-27.0	668.91	7.0	736.32
-162.0	31.15	-128.0	40.42	-94.0	94.67	-60.0	361.87	-26.0	674.99	8.0	734.46
-161.0	31.27	-127.0	40.66	-93.0	99.24	-59.0	372.02	-25.0	668.84	9.0	732.10
-160.0	31.43	-126.0	40.93	-92.0	104.03	-58.0	382.81	-24.0	674.79	10.0	729.46
-159.0	31.57	-125.0	41.21	-91.0	109.08	-57.0	393.37	-23.0	679.62	11.0	726.91
-158.0	31.70	-124.0	41.44	-90.0	114.41	-56.0	403.63	-22.0	685.29	12.0	723.69
-157.0	31.89	-123.0	41.71	-89.0	119.93	-55.0	414.61	-21.0	690.85	13.0	720.28
-156.0	32.06	-122.0	41.99	-88.0	125.66	-54.0	425.16	-20.0	695.55	14.0	717.05
-155.0	32.26	-121.0	42.21	-87.0	131.64	-53.0	435.85	-19.0	700.78	15.0	712.81
-154.0	32.47	-120.0	42.50	-86.0	137.91	-52.0	446.37	-18.0	705.22	16.0	708.60
-153.0	32.64	-119.0	42.75	-85.0	144.32	-51.0	457.02	-17.0	709.46	17.0	704.38
-152.0	32.84	-118.0	42.97	-84.0	150.98	-50.0	467.27	-16.0	713.58	18.0	699.52
-151.0	33.11	-117.0	43.36	-83.0	157.74	-49.0	478.18	-15.0	717.34	19.0	694.77
-150.0	33.48	-116.0	43.80	-82.0	164.92	-48.0	488.00	-14.0	720.60	20.0	689.41
-149.0	33.92	-115.0	44.38	-81.0	172.08	-47.0	498.42	-13.0	724.47	21.0	684.01
-148.0	34.28	-114.0	45.07	-80.0	179.45	-46.0	508.62	-12.0	727.08	22.0	678.63
-147.0	34.67	-113.0	45.88	-79.0	187.20	-45.0	518.37	-11.0	729.98	23.0	672.68

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	666.98	51.0	432.65	78.0	187.49	105.0	54.61	132.0	36.90	159.0	30.54
25.0	660.97	52.0	421.80	79.0	179.98	106.0	52.62	133.0	36.60	160.0	30.49
26.0	654.38	53.0	424.90	80.0	172.50	107.0	50.80	134.0	36.32	161.0	30.48
27.0	647.95	54.0	413.84	81.0	165.25	108.0	49.16	135.0	36.09	162.0	30.47
28.0	640.90	55.0	403.48	82.0	158.25	109.0	47.69	136.0	35.87	163.0	30.47
29.0	633.69	56.0	393.01	83.0	151.32	110.0	46.38	137.0	35.68	164.0	30.48
30.0	626.43	57.0	382.70	84.0	144.71	111.0	45.25	138.0	35.45	165.0	30.48
31.0	618.32	58.0	372.35	85.0	138.25	112.0	44.26	139.0	35.14	166.0	30.47
32.0	611.23	59.0	361.87	86.0	131.94	113.0	43.43	140.0	34.88	167.0	30.49
33.0	603.01	60.0	351.69	87.0	125.97	114.0	42.67	141.0	34.56	168.0	30.45
34.0	594.70	61.0	341.33	88.0	120.07	115.0	42.08	142.0	34.20	169.0	30.45
35.0	586.66	62.0	331.28	89.0	114.47	116.0	41.55	143.0	33.88	170.0	30.47
36.0	578.05	63.0	321.23	90.0	109.14	117.0	41.10	144.0	33.53	171.0	30.52
37.0	569.55	64.0	311.19	91.0	103.95	118.0	40.72	145.0	33.22	172.0	30.63
38.0	560.95	65.0	301.46	92.0	99.08	119.0	40.39	146.0	32.89	173.0	30.73
39.0	551.71	66.0	291.68	93.0	94.33	120.0	40.09	147.0	32.56	174.0	30.82
40.0	542.42	67.0	282.16	94.0	89.82	121.0	39.82	148.0	32.25	175.0	30.84
41.0	533.36	68.0	272.93	95.0	85.63	122.0	39.61	149.0	31.88	176.0	30.83
42.0	523.50	69.0	263.53	96.0	81.54	123.0	39.34	150.0	31.54	177.0	30.79
43.0	514.11	70.0	254.46	97.0	77.68	124.0	39.14	151.0	31.25	178.0	30.74
44.0	504.04	71.0	245.58	98.0	74.10	125.0	38.91	152.0	30.98	179.0	30.70
45.0	493.87	72.0	236.67	99.0	70.67	126.0	38.66	153.0	30.85	180.0	30.69
46.0	484.10	73.0	228.10	100.0	67.50	127.0	38.42	154.0	30.75		
47.0	473.82	74.0	219.64	101.0	64.53	128.0	38.15	155.0	30.69		
48.0	463.62	75.0	211.21	102.0	61.74	129.0	37.85	156.0	30.65		
49.0	453.38	76.0	203.12	103.0	59.16	130.0	37.54	157.0	30.60		
50.0	442.88	77.0	195.19	104.0	56.80	131.0	37.22	158.0	30.55		

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

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