

Light Intensity Distribution Test

Product Information

Product Name: CT0034530

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: 235.9 V

Power: 27.14 W

Current: 0.121 A

PF: 0.948

Photometric Param

Maximum Cand. (I_{vm}): 818.32 cd

Center Cd(I_{vo}): 818.32 cd

Lumens: 2928.614 lm

90 Deg. Lumens: 1257.280 lmW

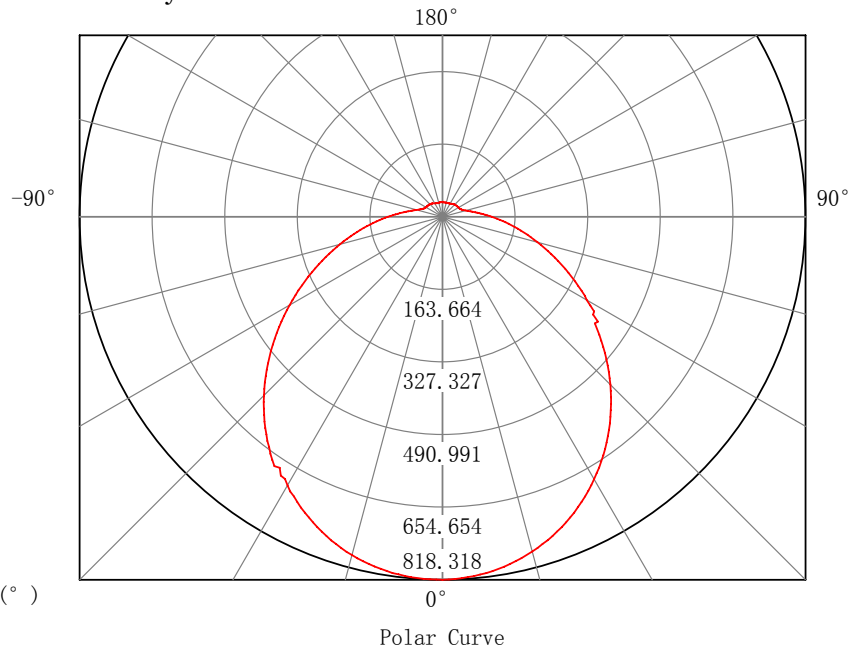
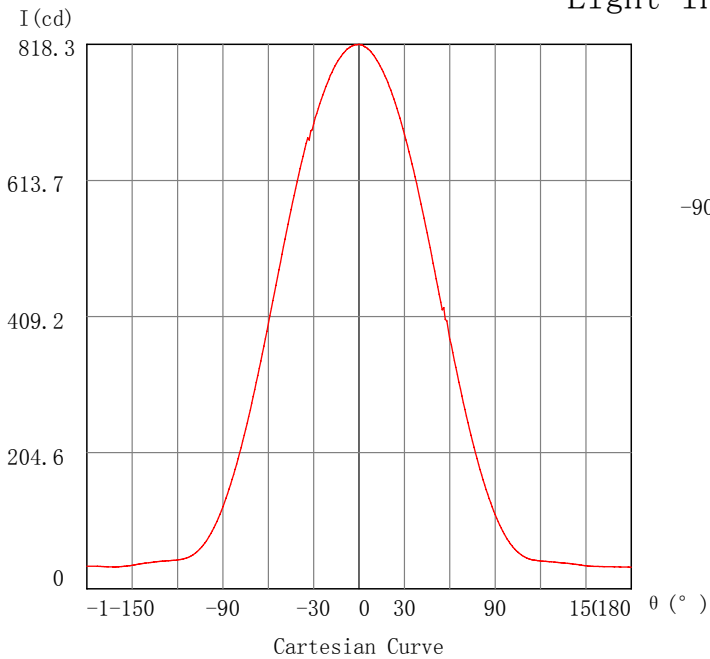
Max. Cand. Angle(Deg): C= 0.0 gama= 0.0

Beam Angle(50%) β : 115.8 deg.

Lumen-Effic: 107.908 lm/W

120 Deg. Lumens: 1863.794 lm

Light Intensity Plot



C0-180 ————

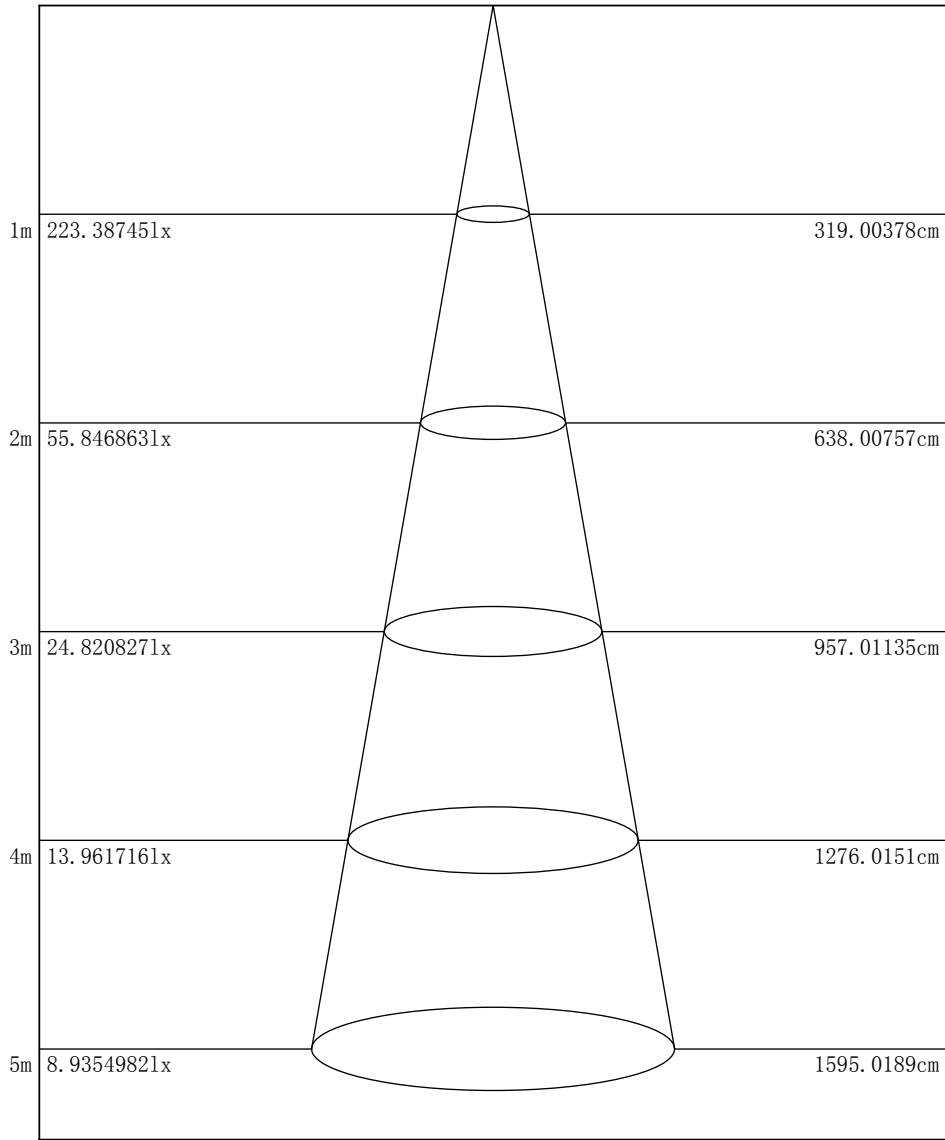
Tabulator: _____

Verifier: _____

Lux-Distance Diagram

Luminous Flux: 2928.614 lm

Beam Luminous Flux: 1785.42 lm



Height Aver. Lux

Beam Ang. =115.8(°)

Beam Dia.

10%Beam Angle= 194.4(°)

50%Beam Angle= 115.8(°)

Tabulator: _____

Verifier: _____

Lighting Intensity Data Table

Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.
-180.0	33.89	-146.0	36.90	-112.0	48.18	-78.0	212.20	-44.0	580.62	-10.0	805.87
-179.0	33.87	-145.0	37.31	-111.0	49.39	-77.0	221.40	-43.0	591.05	-9.0	808.41
-178.0	33.82	-144.0	37.65	-110.0	50.73	-76.0	230.57	-42.0	601.32	-8.0	811.03
-177.0	33.83	-143.0	38.01	-109.0	52.30	-75.0	239.64	-41.0	611.92	-7.0	812.31
-176.0	33.83	-142.0	38.31	-108.0	54.07	-74.0	248.99	-40.0	621.75	-6.0	814.29
-175.0	33.82	-141.0	38.60	-107.0	55.97	-73.0	258.72	-39.0	631.47	-5.0	815.59
-174.0	33.81	-140.0	38.91	-106.0	58.11	-72.0	268.50	-38.0	641.67	-4.0	816.53
-173.0	33.74	-139.0	39.18	-105.0	60.47	-71.0	278.85	-37.0	649.96	-3.0	817.64
-172.0	33.67	-138.0	39.46	-104.0	62.98	-70.0	288.90	-36.0	660.57	-2.0	817.72
-171.0	33.52	-137.0	39.72	-103.0	65.81	-69.0	299.31	-35.0	669.50	-1.0	817.86
-170.0	33.36	-136.0	40.00	-102.0	68.77	-68.0	309.89	-34.0	677.95	0.0	818.32
-169.0	33.26	-135.0	40.27	-101.0	71.98	-67.0	320.49	-33.0	674.39	1.0	817.77
-168.0	33.12	-134.0	40.54	-100.0	75.47	-66.0	331.17	-32.0	688.20	2.0	817.35
-167.0	33.04	-133.0	40.78	-99.0	79.14	-65.0	342.23	-31.0	689.82	3.0	815.92
-166.0	33.00	-132.0	41.03	-98.0	83.06	-64.0	353.06	-30.0	699.06	4.0	814.32
-165.0	32.91	-131.0	41.23	-97.0	87.28	-63.0	364.68	-29.0	708.44	5.0	813.34
-164.0	32.87	-130.0	41.45	-96.0	91.69	-62.0	375.74	-28.0	714.21	6.0	810.99
-163.0	32.81	-129.0	41.60	-95.0	96.43	-61.0	387.02	-27.0	721.82	7.0	809.15
-162.0	32.73	-128.0	41.76	-94.0	101.27	-60.0	398.51	-26.0	729.15	8.0	806.70
-161.0	32.73	-127.0	41.97	-93.0	106.51	-59.0	410.06	-25.0	735.59	9.0	803.59
-160.0	32.79	-126.0	42.06	-92.0	111.90	-58.0	421.55	-24.0	742.05	10.0	801.19
-159.0	32.95	-125.0	42.24	-91.0	117.66	-57.0	433.24	-23.0	748.44	11.0	797.30
-158.0	33.18	-124.0	42.44	-90.0	123.58	-56.0	444.74	-22.0	754.73	12.0	793.66
-157.0	33.40	-123.0	42.60	-89.0	129.82	-55.0	456.14	-21.0	760.23	13.0	789.98
-156.0	33.66	-122.0	42.82	-88.0	136.07	-54.0	468.05	-20.0	765.68	14.0	785.50
-155.0	33.87	-121.0	43.05	-87.0	142.79	-53.0	479.43	-19.0	771.66	15.0	781.27
-154.0	34.09	-120.0	43.29	-86.0	149.71	-52.0	491.02	-18.0	776.03	16.0	776.78
-153.0	34.31	-119.0	43.60	-85.0	156.77	-51.0	502.66	-17.0	781.15	17.0	771.13
-152.0	34.55	-118.0	43.94	-84.0	164.07	-50.0	514.09	-16.0	785.92	18.0	766.64
-151.0	34.86	-117.0	44.39	-83.0	171.57	-49.0	525.68	-15.0	789.48	19.0	761.31
-150.0	35.19	-116.0	44.96	-82.0	179.49	-48.0	536.49	-14.0	793.81	20.0	755.07
-149.0	35.57	-115.0	45.58	-81.0	187.35	-47.0	548.04	-13.0	797.01	21.0	749.66
-148.0	36.01	-114.0	46.33	-80.0	195.48	-46.0	558.69	-12.0	800.12	22.0	743.02
-147.0	36.47	-113.0	47.19	-79.0	204.05	-45.0	569.73	-11.0	803.50	23.0	736.38

Tabulator: _____

Verifier: _____

Lighting Intensity Data Table---Continue

Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.
24.0	729.84	51.0	465.98	78.0	195.50	105.0	55.04	132.0	39.44	159.0	33.43
25.0	722.20	52.0	454.13	79.0	187.20	106.0	53.11	133.0	39.20	160.0	33.37
26.0	715.09	53.0	442.58	80.0	179.16	107.0	51.41	134.0	38.97	161.0	33.28
27.0	707.51	54.0	430.83	81.0	171.36	108.0	49.79	135.0	38.76	162.0	33.22
28.0	699.63	55.0	419.20	82.0	163.70	109.0	48.40	136.0	38.57	163.0	33.21
29.0	691.65	56.0	422.55	83.0	156.44	110.0	47.19	137.0	38.37	164.0	33.20
30.0	683.14	57.0	404.70	84.0	149.14	111.0	46.10	138.0	38.15	165.0	33.19
31.0	674.67	58.0	402.66	85.0	142.38	112.0	45.19	139.0	37.88	166.0	33.23
32.0	666.25	59.0	388.83	86.0	135.74	113.0	44.46	140.0	37.60	167.0	33.18
33.0	656.95	60.0	375.20	87.0	129.23	114.0	43.80	141.0	37.32	168.0	33.12
34.0	648.07	61.0	366.67	88.0	123.00	115.0	43.33	142.0	37.04	169.0	33.01
35.0	638.67	62.0	354.93	89.0	117.19	116.0	42.91	143.0	36.72	170.0	32.96
36.0	629.18	63.0	342.78	90.0	111.34	117.0	42.59	144.0	36.40	171.0	32.91
37.0	619.38	64.0	332.78	91.0	106.00	118.0	42.30	145.0	36.09	172.0	32.82
38.0	609.52	65.0	321.70	92.0	100.72	119.0	42.03	146.0	35.78	173.0	32.78
39.0	599.32	66.0	310.50	93.0	95.74	120.0	41.82	147.0	35.49	174.0	32.76
40.0	588.83	67.0	300.37	94.0	91.04	121.0	41.59	148.0	35.13	175.0	32.75
41.0	577.93	68.0	289.71	95.0	86.53	122.0	41.37	149.0	34.80	176.0	32.72
42.0	567.64	69.0	279.38	96.0	82.27	123.0	41.21	150.0	34.49	177.0	32.65
43.0	556.74	70.0	269.32	97.0	78.29	124.0	41.02	151.0	34.19	178.0	32.59
44.0	545.77	71.0	259.49	98.0	74.50	125.0	40.84	152.0	34.03	179.0	32.52
45.0	534.99	72.0	249.65	99.0	71.01	126.0	40.72	153.0	33.88	180.0	32.47
46.0	523.57	73.0	240.13	100.0	67.71	127.0	40.53	154.0	33.74		
47.0	512.57	74.0	230.71	101.0	64.75	128.0	40.36	155.0	33.67		
48.0	500.95	75.0	221.68	102.0	61.98	129.0	40.15	156.0	33.59		
49.0	489.31	76.0	212.62	103.0	59.44	130.0	39.92	157.0	33.56		
50.0	477.85	77.0	203.90	104.0	57.13	131.0	39.69	158.0	33.50		

Tabulator: _____

Verifier: _____