

# Light Intensity Distribution Test

## Product Information

Product Name: CLBF06-30K-V

Manufacture: CT

Operator:

Test Date: 2015-06-10

## Test Condition

Temperature: 30.2 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: 240.4 V

Current: 0.083 A

Power: 19.87 W

PF: 0.984

## Photometric Param

Maximum Cand. (I<sub>vm</sub>): 455.19 cd

Max. Cand. Angle(Deg): C=180.0 gamma= 1.0

Center Cd(I<sub>vo</sub>): 455.16 cd

Beam Angle(50%) β : 115.7 deg.

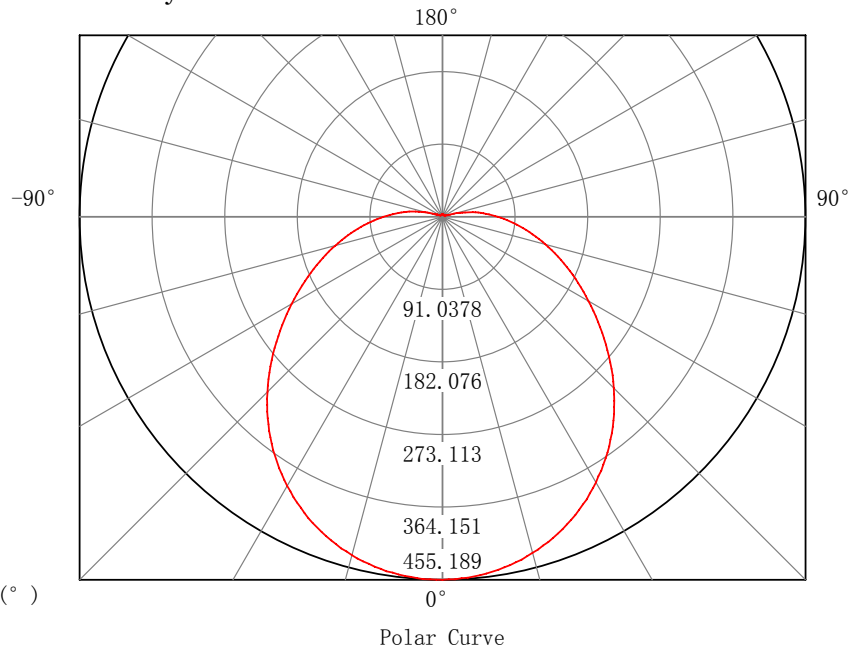
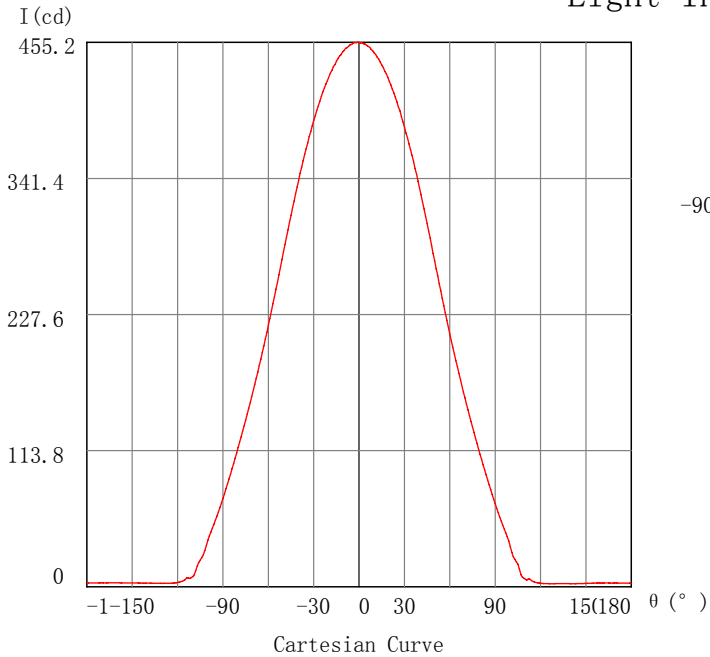
Lumens: 1563.191 lm

Lumen-Effic: 78.671 lm/W

90 Deg. Lumens: 701.066 lm/W

120 Deg. Lumens: 1038.283 lm

## Light Intensity Plot



C0-180 ————

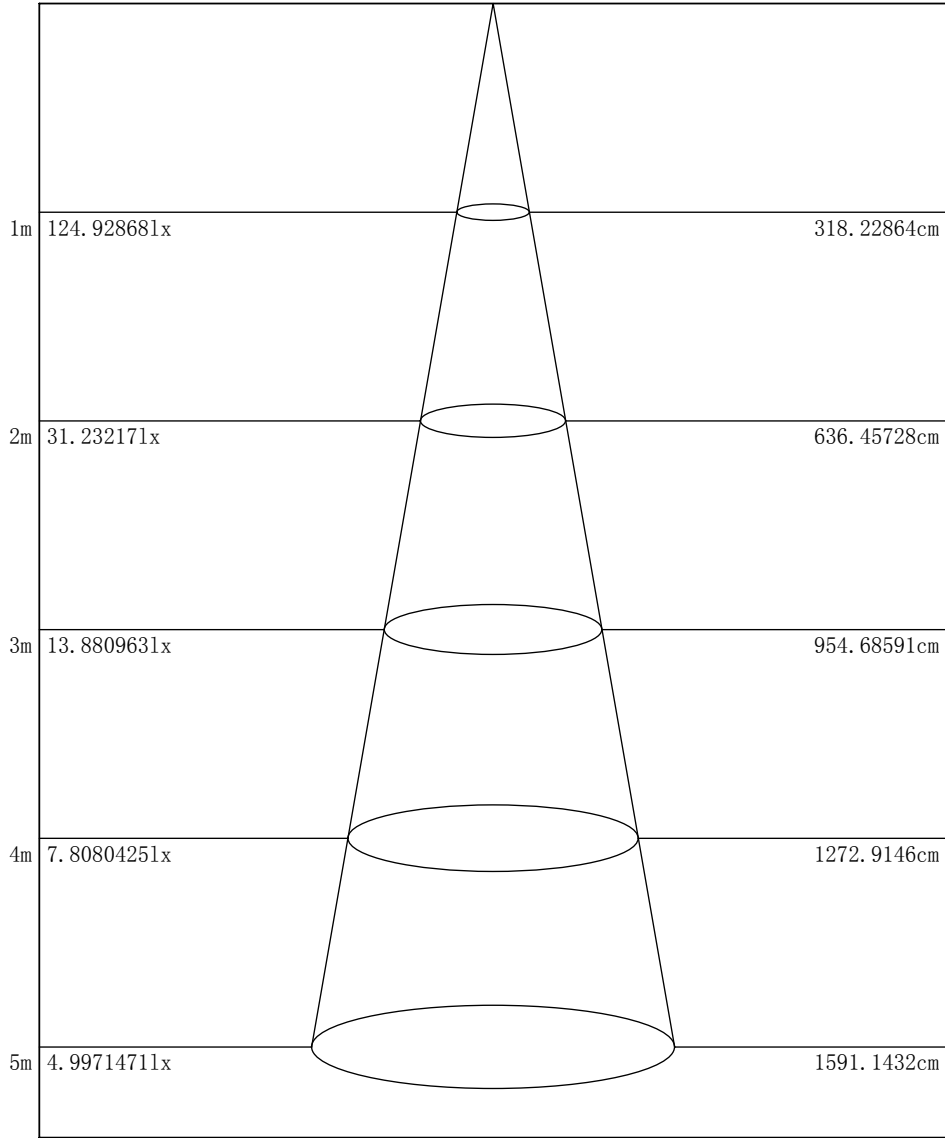
Tabulator: \_\_\_\_\_

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

# Lux-Distance Diagram

Luminous Flux: 1563.191 lm

Beam Luminous Flux: 993.6433 lm



Height Aver. Lux

Beam Ang. =115.7(° )

Beam Dia.

10%Beam Angle= 194.9(° )

50%Beam Angle= 115.7(° )

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

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

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## Lighting Intensity Data Table

Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.
-180.0	3.06	-146.0	3.09	-112.0	6.90	-78.0	125.33	-44.0	317.00	-10.0	448.28
-179.0	3.11	-145.0	3.07	-111.0	7.53	-77.0	130.03	-43.0	322.49	-9.0	450.09
-178.0	3.18	-144.0	3.00	-110.0	8.44	-76.0	134.67	-42.0	328.69	-8.0	450.70
-177.0	3.17	-143.0	2.96	-109.0	9.93	-75.0	139.27	-41.0	334.45	-7.0	451.88
-176.0	3.13	-142.0	2.94	-108.0	13.40	-74.0	144.38	-40.0	339.71	-6.0	453.06
-175.0	3.12	-141.0	2.95	-107.0	17.51	-73.0	149.14	-39.0	345.63	-5.0	453.41
-174.0	3.14	-140.0	2.98	-106.0	20.32	-72.0	153.98	-38.0	350.91	-4.0	454.35
-173.0	3.17	-139.0	3.00	-105.0	22.35	-71.0	159.04	-37.0	356.21	-3.0	455.04
-172.0	3.22	-138.0	2.95	-104.0	24.47	-70.0	163.89	-36.0	361.69	-2.0	454.91
-171.0	3.26	-137.0	2.91	-103.0	26.79	-69.0	169.20	-35.0	366.17	-1.0	455.19
-170.0	3.26	-136.0	2.88	-102.0	30.26	-68.0	174.34	-34.0	371.14	0.0	455.16
-169.0	3.23	-135.0	2.87	-101.0	34.61	-67.0	179.42	-33.0	376.33	1.0	454.67
-168.0	3.23	-134.0	2.89	-100.0	38.86	-66.0	185.02	-32.0	380.65	2.0	454.87
-167.0	3.25	-133.0	2.90	-99.0	42.40	-65.0	190.24	-31.0	385.38	3.0	453.96
-166.0	3.30	-132.0	2.89	-98.0	45.73	-64.0	195.91	-30.0	389.94	4.0	453.71
-165.0	3.35	-131.0	2.84	-97.0	48.94	-63.0	201.47	-29.0	393.72	5.0	452.75
-164.0	3.33	-130.0	2.80	-96.0	52.27	-62.0	207.08	-28.0	398.25	6.0	451.83
-163.0	3.33	-129.0	2.81	-95.0	55.66	-61.0	212.76	-27.0	402.17	7.0	450.87
-162.0	3.30	-128.0	2.84	-94.0	59.14	-60.0	218.75	-26.0	405.85	8.0	449.39
-161.0	3.27	-127.0	2.87	-93.0	62.66	-59.0	224.21	-25.0	409.91	9.0	448.13
-160.0	3.28	-126.0	2.89	-92.0	66.38	-58.0	230.52	-24.0	413.73	10.0	446.33
-159.0	3.33	-125.0	2.86	-91.0	70.12	-57.0	236.57	-23.0	417.10	11.0	444.99
-158.0	3.31	-124.0	2.90	-90.0	74.11	-56.0	242.57	-22.0	420.30	12.0	442.77
-157.0	3.25	-123.0	3.01	-89.0	77.89	-55.0	248.69	-21.0	423.24	13.0	441.26
-156.0	3.19	-122.0	3.19	-88.0	82.01	-54.0	254.65	-20.0	426.32	14.0	438.58
-155.0	3.16	-121.0	3.37	-87.0	86.13	-53.0	260.91	-19.0	429.30	15.0	436.32
-154.0	3.18	-120.0	3.60	-86.0	90.18	-52.0	267.47	-18.0	431.81	16.0	434.19
-153.0	3.20	-119.0	3.86	-85.0	94.33	-51.0	273.64	-17.0	434.87	17.0	431.06
-152.0	3.22	-118.0	4.19	-84.0	98.74	-50.0	279.92	-16.0	436.66	18.0	428.94
-151.0	3.18	-117.0	4.57	-83.0	103.00	-49.0	286.19	-15.0	439.32	19.0	425.95
-150.0	3.14	-116.0	5.15	-82.0	107.42	-48.0	292.26	-14.0	441.70	20.0	422.65
-149.0	3.09	-115.0	6.03	-81.0	111.80	-47.0	298.47	-13.0	443.58	21.0	419.65
-148.0	3.09	-114.0	7.38	-80.0	116.31	-46.0	304.83	-12.0	444.93	22.0	416.20
-147.0	3.09	-113.0	7.33	-79.0	120.83	-45.0	310.56	-11.0	447.08	23.0	412.79

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	409.27	51.0	266.05	78.0	119.68	105.0	18.80	132.0	2.68	159.0	3.07
25.0	405.35	52.0	260.08	79.0	115.07	106.0	14.86	133.0	2.67	160.0	3.03
26.0	401.33	53.0	253.44	80.0	110.70	107.0	10.05	134.0	2.62	161.0	3.04
27.0	397.89	54.0	247.50	81.0	106.44	108.0	8.00	135.0	2.59	162.0	3.10
28.0	393.12	55.0	241.08	82.0	102.01	109.0	7.06	136.0	2.61	163.0	3.16
29.0	388.90	56.0	235.02	83.0	97.74	110.0	6.23	137.0	2.64	164.0	3.14
30.0	384.60	57.0	229.06	84.0	93.60	111.0	5.66	138.0	2.66	165.0	3.08
31.0	379.51	58.0	222.95	85.0	89.29	112.0	6.75	139.0	2.62	166.0	3.05
32.0	375.41	59.0	217.18	86.0	85.27	113.0	6.17	140.0	2.56	167.0	3.05
33.0	370.33	60.0	211.39	87.0	81.21	114.0	5.13	141.0	2.51	168.0	3.05
34.0	365.48	61.0	205.46	88.0	77.13	115.0	4.38	142.0	2.50	169.0	3.07
35.0	360.68	62.0	200.23	89.0	73.30	116.0	3.88	143.0	2.54	170.0	3.09
36.0	355.51	63.0	194.60	90.0	69.38	117.0	3.56	144.0	2.60	171.0	3.05
37.0	349.80	64.0	189.10	91.0	65.67	118.0	3.30	145.0	2.60	172.0	3.02
38.0	344.82	65.0	183.88	92.0	61.98	119.0	3.09	146.0	2.60	173.0	2.99
39.0	338.98	66.0	178.41	93.0	58.37	120.0	2.89	147.0	2.60	174.0	3.00
40.0	333.46	67.0	173.27	94.0	54.87	121.0	2.74	148.0	2.63	175.0	3.04
41.0	327.65	68.0	168.01	95.0	51.44	122.0	2.65	149.0	2.69	176.0	3.05
42.0	321.50	69.0	162.85	96.0	48.18	123.0	2.62	150.0	2.77	177.0	3.03
43.0	315.73	70.0	158.01	97.0	45.06	124.0	2.61	151.0	2.83	178.0	2.99
44.0	309.64	71.0	152.85	98.0	41.81	125.0	2.60	152.0	2.85	179.0	2.97
45.0	303.65	72.0	148.00	99.0	38.24	126.0	2.54	153.0	2.83	180.0	2.99
46.0	297.57	73.0	143.13	100.0	33.56	127.0	2.48	154.0	2.86		
47.0	291.45	74.0	138.23	101.0	28.72	128.0	2.50	155.0	2.95		
48.0	285.03	75.0	133.62	102.0	25.19	129.0	2.54	156.0	3.00		
49.0	278.76	76.0	128.93	103.0	22.88	130.0	2.60	157.0	3.05		
50.0	272.49	77.0	124.15	104.0	20.81	131.0	2.66	158.0	3.07		

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

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