

# Light Intensity Distribution Test

## Product Information

Product Name: CLBF06-50K-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: 240.2 V

Current: 0.083 A

Power: 19.79 W

PF: 0.985

## Photometric Param

Maximum Cand. (I<sub>vm</sub>): 471.91 cd

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

Center Cd(I<sub>vo</sub>): 471.29 cd

Beam Angle(50%) β : 115.2 deg.

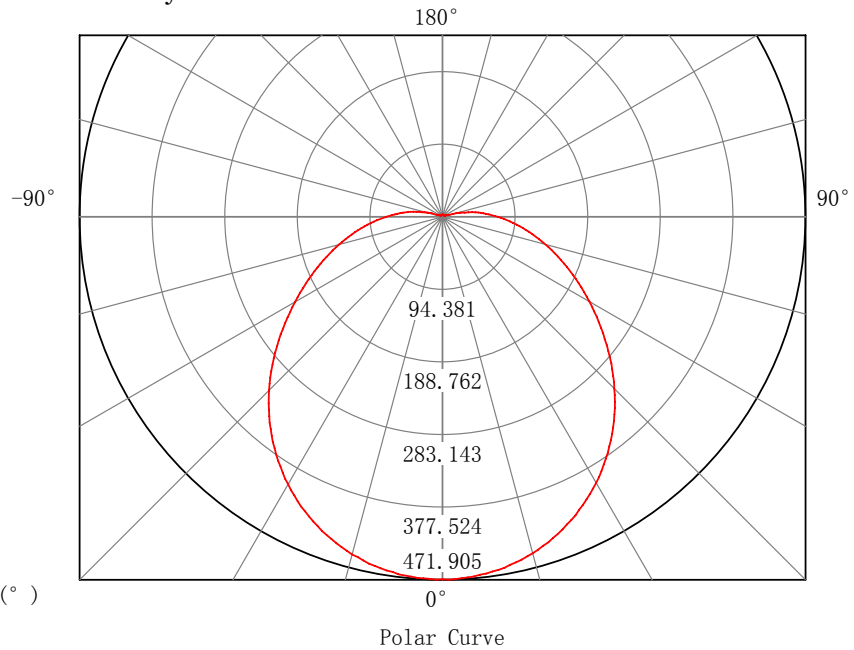
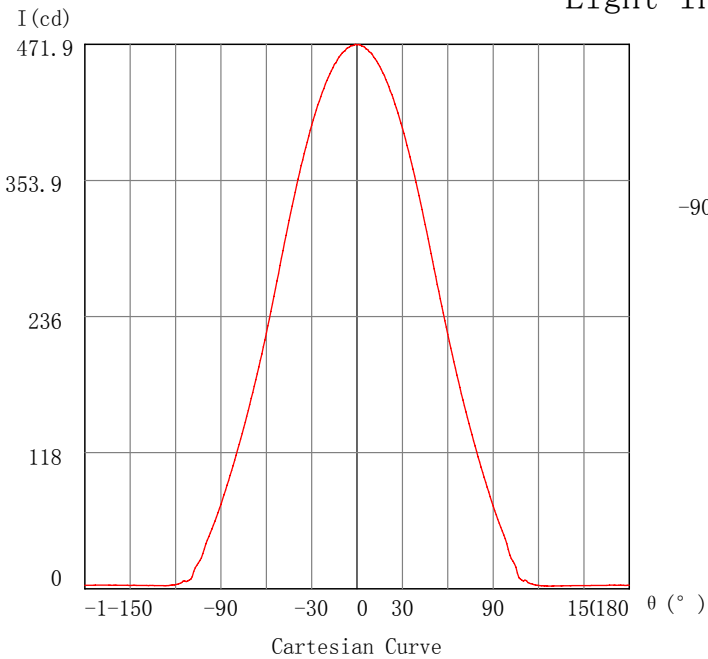
Lumens: 1607.007 lm

Lumen-Effic: 81.203 lm/W

90 Deg. Lumens: 725.294 lm/W

120 Deg. Lumens: 1073.145 lm

## Light Intensity Plot



C0-180 ————

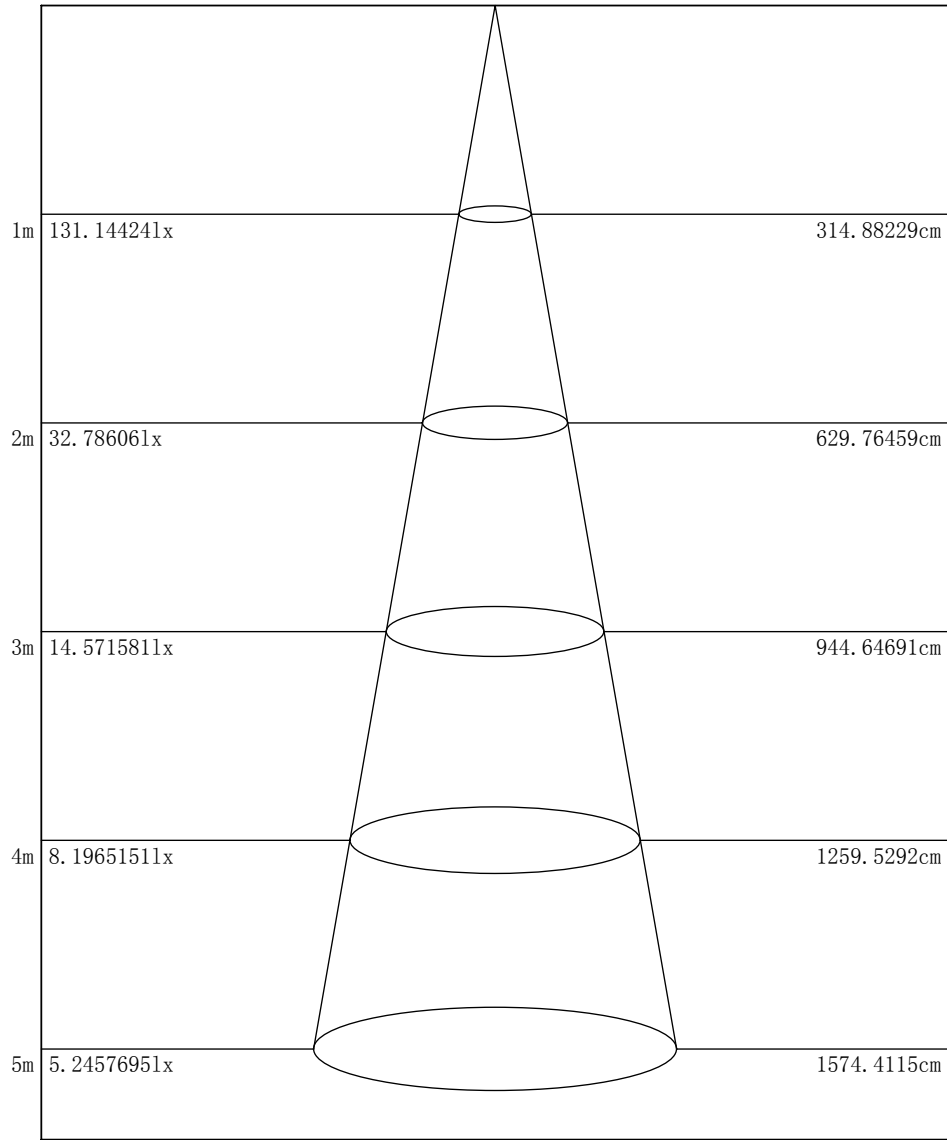
Tabulator: \_\_\_\_\_

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

# Lux-Distance Diagram

Luminous Flux: 1607.007 lm

Beam Luminous Flux: 1021.258 lm



Height Aver. Lux

Beam Ang. =115.2(° )

Beam Dia.

10%Beam Angle= 194.3(° )

50%Beam Angle= 115.2(° )

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

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

## Lighting Intensity Data Table

Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.
-180.0	2.96	-146.0	2.89	-112.0	6.73	-78.0	125.08	-44.0	325.41	-10.0	464.15
-179.0	3.00	-145.0	2.85	-111.0	7.50	-77.0	129.68	-43.0	331.69	-9.0	465.58
-178.0	3.03	-144.0	2.84	-110.0	8.34	-76.0	134.47	-42.0	337.54	-8.0	466.29
-177.0	3.03	-143.0	2.86	-109.0	10.58	-75.0	139.43	-41.0	343.62	-7.0	468.31
-176.0	3.03	-142.0	2.89	-108.0	14.93	-74.0	144.29	-40.0	349.74	-6.0	469.01
-175.0	3.03	-141.0	2.89	-107.0	18.21	-73.0	149.41	-39.0	355.08	-5.0	469.65
-174.0	3.03	-140.0	2.84	-106.0	20.24	-72.0	154.58	-38.0	360.94	-4.0	470.74
-173.0	3.06	-139.0	2.79	-105.0	22.23	-71.0	159.61	-37.0	366.73	-3.0	470.78
-172.0	3.10	-138.0	2.77	-104.0	24.31	-70.0	164.99	-36.0	371.69	-2.0	471.08
-171.0	3.12	-137.0	2.79	-103.0	26.76	-69.0	170.07	-35.0	377.21	-1.0	471.91
-170.0	3.07	-136.0	2.82	-102.0	30.42	-68.0	175.46	-34.0	382.52	0.0	471.29
-169.0	3.06	-135.0	2.81	-101.0	34.72	-67.0	181.12	-33.0	387.03	1.0	471.75
-168.0	3.09	-134.0	2.76	-100.0	38.84	-66.0	186.38	-32.0	392.43	2.0	471.41
-167.0	3.13	-133.0	2.72	-99.0	42.14	-65.0	192.21	-31.0	397.41	3.0	470.57
-166.0	3.14	-132.0	2.72	-98.0	45.33	-64.0	197.88	-30.0	401.69	4.0	470.10
-165.0	3.10	-131.0	2.70	-97.0	48.57	-63.0	203.47	-29.0	406.58	5.0	469.43
-164.0	3.07	-130.0	2.69	-96.0	51.82	-62.0	209.67	-28.0	410.53	6.0	467.89
-163.0	3.03	-129.0	2.68	-95.0	55.16	-61.0	215.52	-27.0	415.05	7.0	467.31
-162.0	3.02	-128.0	2.66	-94.0	58.69	-60.0	221.50	-26.0	419.40	8.0	465.61
-161.0	3.03	-127.0	2.64	-93.0	62.15	-59.0	227.94	-25.0	422.60	9.0	464.73
-160.0	3.06	-126.0	2.66	-92.0	65.91	-58.0	234.00	-24.0	426.61	10.0	463.31
-159.0	3.04	-125.0	2.73	-91.0	69.59	-57.0	240.40	-23.0	430.56	11.0	460.94
-158.0	2.98	-124.0	2.88	-90.0	73.39	-56.0	247.04	-22.0	433.60	12.0	459.30
-157.0	2.95	-123.0	3.06	-89.0	77.37	-55.0	253.41	-21.0	437.67	13.0	457.35
-156.0	2.93	-122.0	3.18	-88.0	81.40	-54.0	260.20	-20.0	440.52	14.0	454.97
-155.0	2.96	-121.0	3.33	-87.0	85.42	-53.0	266.71	-19.0	443.28	15.0	452.84
-154.0	3.01	-120.0	3.55	-86.0	89.70	-52.0	273.02	-18.0	446.43	16.0	450.17
-153.0	2.98	-119.0	3.86	-85.0	93.81	-51.0	280.14	-17.0	449.01	17.0	447.16
-152.0	2.93	-118.0	4.27	-84.0	98.09	-50.0	286.62	-16.0	451.72	18.0	444.98
-151.0	2.88	-117.0	4.70	-83.0	102.43	-49.0	293.07	-15.0	454.60	19.0	441.46
-150.0	2.88	-116.0	5.36	-82.0	106.72	-48.0	299.95	-14.0	456.08	20.0	438.79
-149.0	2.91	-115.0	6.59	-81.0	111.36	-47.0	306.30	-13.0	458.59	21.0	435.33
-148.0	2.94	-114.0	6.83	-80.0	115.73	-46.0	312.54	-12.0	460.94	22.0	431.50
-147.0	2.94	-113.0	6.16	-79.0	120.45	-45.0	319.38	-11.0	462.38	23.0	428.30

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	424.84	51.0	277.28	78.0	123.76	105.0	18.69	132.0	2.44	159.0	2.82
25.0	420.16	52.0	270.82	79.0	119.08	106.0	13.49	133.0	2.43	160.0	2.86
26.0	416.64	53.0	263.87	80.0	114.37	107.0	9.56	134.0	2.45	161.0	2.89
27.0	412.38	54.0	258.01	81.0	109.88	108.0	8.46	135.0	2.50	162.0	2.91
28.0	408.14	55.0	251.32	82.0	105.37	109.0	7.44	136.0	2.55	163.0	2.91
29.0	403.79	56.0	244.91	83.0	100.92	110.0	6.59	137.0	2.59	164.0	2.89
30.0	399.24	57.0	239.03	84.0	96.66	111.0	7.46	138.0	2.58	165.0	2.90
31.0	394.74	58.0	232.36	85.0	92.30	112.0	7.06	139.0	2.57	166.0	2.98
32.0	389.84	59.0	226.56	86.0	88.02	113.0	5.37	140.0	2.57	167.0	3.06
33.0	384.44	60.0	220.50	87.0	83.96	114.0	4.75	141.0	2.60	168.0	3.09
34.0	379.49	61.0	214.23	88.0	79.74	115.0	4.37	142.0	2.66	169.0	3.08
35.0	374.46	62.0	208.58	89.0	75.77	116.0	3.91	143.0	2.70	170.0	3.07
36.0	368.78	63.0	202.70	90.0	71.69	117.0	3.51	144.0	2.69	171.0	3.01
37.0	363.72	64.0	196.74	91.0	67.83	118.0	3.24	145.0	2.68	172.0	2.99
38.0	357.95	65.0	191.11	92.0	64.08	119.0	2.99	146.0	2.66	173.0	3.01
39.0	352.36	66.0	185.34	93.0	60.39	120.0	2.80	147.0	2.68	174.0	3.05
40.0	346.61	67.0	179.91	94.0	56.77	121.0	2.66	148.0	2.68	175.0	3.04
41.0	340.68	68.0	174.46	95.0	53.35	122.0	2.58	149.0	2.73	176.0	2.96
42.0	334.64	69.0	168.91	96.0	49.90	123.0	2.55	150.0	2.73	177.0	2.90
43.0	328.55	70.0	163.56	97.0	46.67	124.0	2.51	151.0	2.71	178.0	2.91
44.0	322.05	71.0	158.45	98.0	43.32	125.0	2.43	152.0	2.70	179.0	2.97
45.0	315.73	72.0	153.23	99.0	39.08	126.0	2.36	153.0	2.72	180.0	3.03
46.0	309.81	73.0	148.25	100.0	34.05	127.0	2.31	154.0	2.76		
47.0	303.18	74.0	143.14	101.0	29.24	128.0	2.31	155.0	2.82		
48.0	296.74	75.0	138.21	102.0	26.23	129.0	2.35	156.0	2.83		
49.0	290.63	76.0	133.36	103.0	24.01	130.0	2.42	157.0	2.82		
50.0	283.66	77.0	128.47	104.0	21.86	131.0	2.44	158.0	2.80		

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

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