

Light Intensity Distribution Test

Product Information

Product Name: TLPA306TCW-3000K-C0

Manufactory: GW

Operator: hua

Test Date: 2022-02-22

Test Condition

Temperature: 26.1 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: 240.8 V

Current: 0.106 A

Power: 24.28 W

PF: 0.947

Photometric Param

Maximum Cand. (I_{vm}): 675.99 cd

Max. Cand. Angle(Deg): C=180.0 gama= 9.0

Center Cd(I_{vo}): 675.24 cd

Beam Angle(50%) β : 115.6 deg.

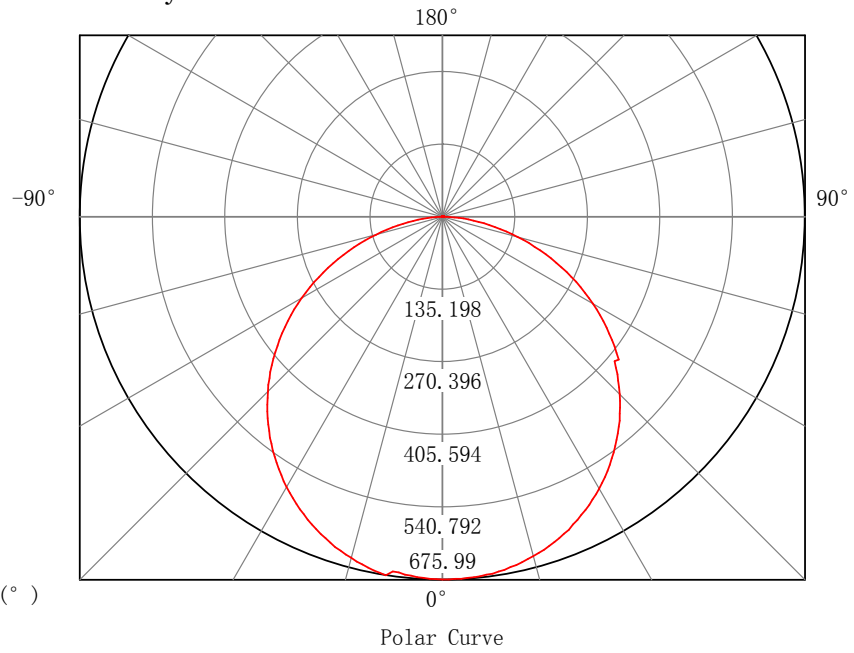
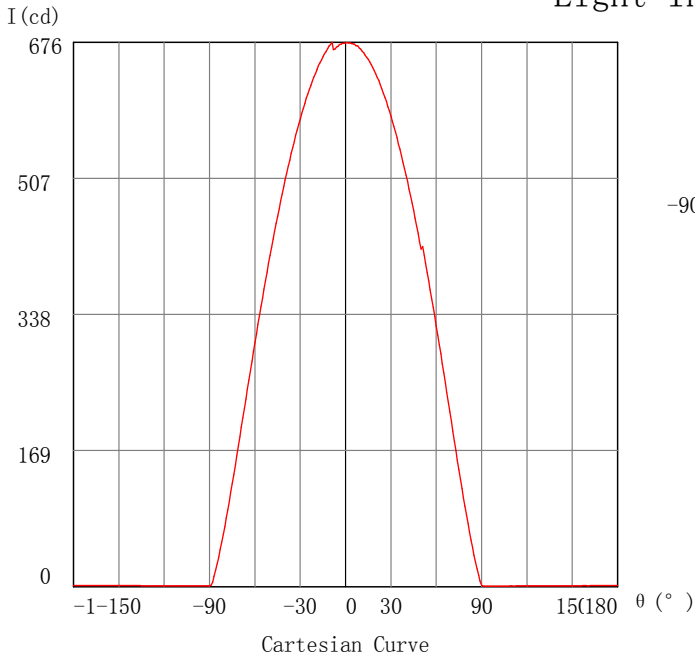
Lumens: 2004.429 lm

Lumen-Effic: 82.555 lm/W

90 Deg. Lumens: 1054.282 lmW

120 Deg. Lumens: 1561.364 lm

Light Intensity Plot

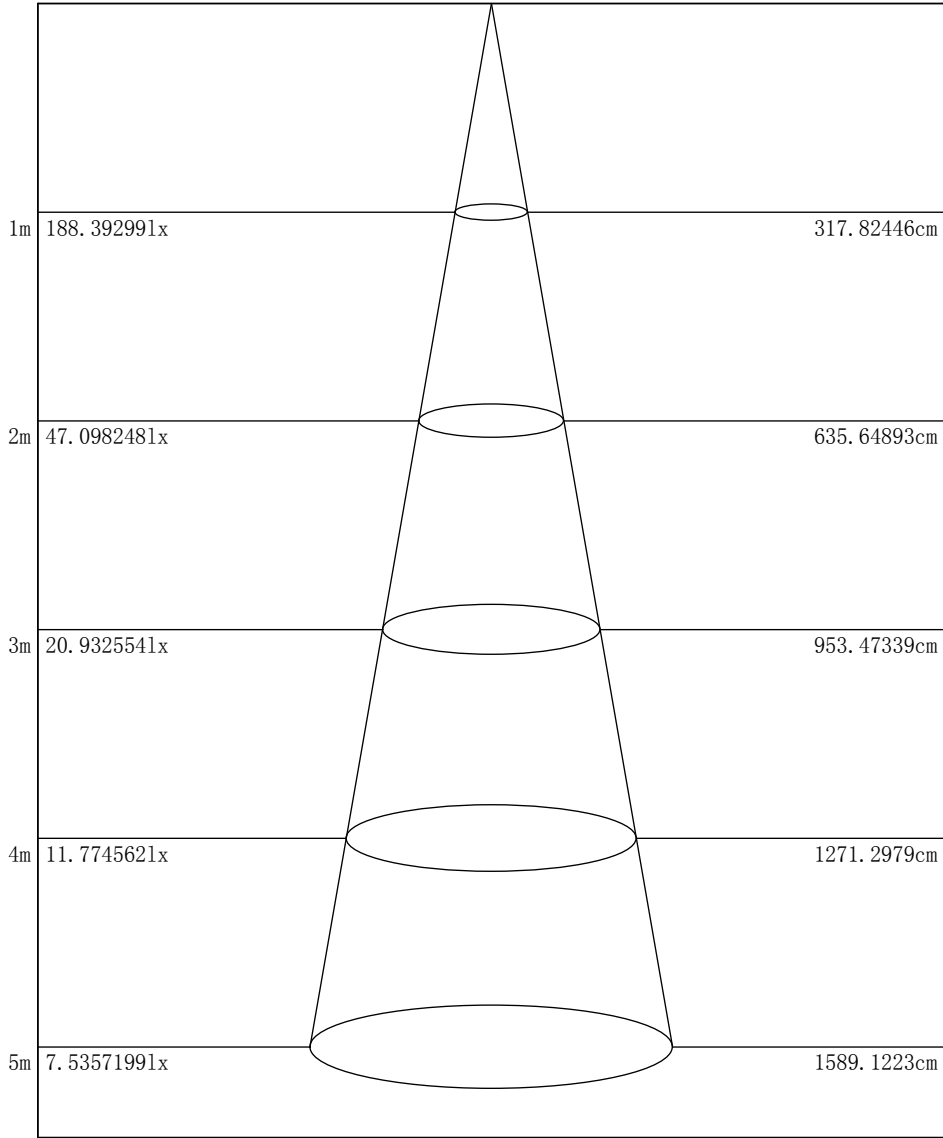


C0-180 —————

Lux-Distance Diagram

Luminous Flux: 2004.429 lm

Beam Luminous Flux: 1494.615 lm



Height Aver. Lux

Beam Ang. =115.6(°)

Beam Dia.

10%Beam Angle= 162.8(°)

50%Beam Angle= 115.6(°)

Lighting Intensity Data Table

Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.
-180.0	1.39	-146.0	1.30	-112.0	1.11	-78.0	95.38	-44.0	469.35	-10.0	673.15
-179.0	1.40	-145.0	1.30	-111.0	1.11	-77.0	106.12	-43.0	478.84	-9.0	675.99
-178.0	1.39	-144.0	1.31	-110.0	1.09	-76.0	117.02	-42.0	487.57	-8.0	666.97
-177.0	1.36	-143.0	1.33	-109.0	1.06	-75.0	128.33	-41.0	496.79	-7.0	667.64
-176.0	1.36	-142.0	1.33	-108.0	1.05	-74.0	139.54	-40.0	505.25	-6.0	670.02
-175.0	1.37	-141.0	1.30	-107.0	1.04	-73.0	151.08	-39.0	513.17	-5.0	671.18
-174.0	1.39	-140.0	1.27	-106.0	1.05	-72.0	162.62	-38.0	522.27	-4.0	673.26
-173.0	1.40	-139.0	1.27	-105.0	1.06	-71.0	174.26	-37.0	529.54	-3.0	673.54
-172.0	1.39	-138.0	1.27	-104.0	1.04	-70.0	186.08	-36.0	537.94	-2.0	674.73
-171.0	1.36	-137.0	1.29	-103.0	1.02	-69.0	197.78	-35.0	545.17	-1.0	674.86
-170.0	1.36	-136.0	1.29	-102.0	1.00	-68.0	209.77	-34.0	552.83	0.0	675.24
-169.0	1.36	-135.0	1.26	-101.0	0.98	-67.0	221.37	-33.0	560.50	1.0	675.48
-168.0	1.39	-134.0	1.23	-100.0	1.00	-66.0	233.23	-32.0	567.10	2.0	674.98
-167.0	1.40	-133.0	1.23	-99.0	1.01	-65.0	245.12	-31.0	574.64	3.0	675.22
-166.0	1.39	-132.0	1.23	-98.0	1.00	-64.0	256.57	-30.0	581.03	4.0	674.24
-165.0	1.37	-131.0	1.25	-97.0	0.98	-63.0	268.48	-29.0	587.51	5.0	674.00
-164.0	1.36	-130.0	1.25	-96.0	0.95	-62.0	279.97	-28.0	593.81	6.0	673.48
-163.0	1.36	-129.0	1.23	-95.0	0.95	-61.0	291.57	-27.0	600.00	7.0	671.69
-162.0	1.38	-128.0	1.20	-94.0	0.95	-60.0	303.18	-26.0	606.33	8.0	671.38
-161.0	1.39	-127.0	1.19	-93.0	0.96	-59.0	314.35	-25.0	611.49	9.0	668.85
-160.0	1.39	-126.0	1.19	-92.0	0.96	-58.0	325.92	-24.0	617.39	10.0	667.77
-159.0	1.36	-125.0	1.20	-91.0	0.94	-57.0	336.63	-23.0	622.78	11.0	664.64
-158.0	1.35	-124.0	1.21	-90.0	0.98	-56.0	347.94	-22.0	627.54	12.0	662.97
-157.0	1.35	-123.0	1.20	-89.0	1.80	-55.0	358.79	-21.0	633.05	13.0	660.13
-156.0	1.36	-122.0	1.17	-88.0	5.92	-54.0	369.56	-20.0	637.04	14.0	657.21
-155.0	1.38	-121.0	1.15	-87.0	12.84	-53.0	380.23	-19.0	642.30	15.0	654.70
-154.0	1.37	-120.0	1.15	-86.0	20.42	-52.0	390.36	-18.0	646.81	16.0	651.31
-153.0	1.34	-119.0	1.15	-85.0	28.51	-51.0	401.28	-17.0	650.43	17.0	648.34
-152.0	1.33	-118.0	1.17	-84.0	36.99	-50.0	411.37	-16.0	654.24	18.0	644.50
-151.0	1.33	-117.0	1.16	-83.0	45.89	-49.0	421.52	-15.0	657.72	19.0	640.66
-150.0	1.34	-116.0	1.13	-82.0	55.15	-48.0	431.80	-14.0	661.78	20.0	636.98
-149.0	1.36	-115.0	1.10	-81.0	64.70	-47.0	441.10	-13.0	664.51	21.0	632.24
-148.0	1.34	-114.0	1.10	-80.0	74.67	-46.0	451.04	-12.0	667.88	22.0	628.71
-147.0	1.32	-113.0	1.11	-79.0	84.84	-45.0	460.27	-11.0	671.31	23.0	622.62

Tabulator: _____

Verifier: _____

 Lighting Intensity Data Table---Continue

Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.
24.0	618.36	51.0	422.52	78.0	110.77	105.0	0.83	132.0	1.04	159.0	1.28
25.0	612.79	52.0	411.32	79.0	99.67	106.0	0.84	133.0	1.04	160.0	1.26
26.0	607.46	53.0	401.33	80.0	88.94	107.0	0.86	134.0	1.05	161.0	1.26
27.0	602.29	54.0	390.24	81.0	78.28	108.0	0.88	135.0	1.07	162.0	1.27
28.0	596.02	55.0	379.59	82.0	68.08	109.0	0.90	136.0	1.10	163.0	1.29
29.0	590.81	56.0	368.85	83.0	58.00	110.0	0.90	137.0	1.12	164.0	1.32
30.0	584.28	57.0	357.41	84.0	48.46	111.0	0.88	138.0	1.11	165.0	1.33
31.0	578.08	58.0	346.87	85.0	39.13	112.0	0.88	139.0	1.10	166.0	1.31
32.0	571.35	59.0	335.16	86.0	30.37	113.0	0.89	140.0	1.10	167.0	1.30
33.0	564.50	60.0	323.95	87.0	21.94	114.0	0.91	141.0	1.12	168.0	1.30
34.0	557.44	61.0	312.44	88.0	14.12	115.0	0.93	142.0	1.15	169.0	1.31
35.0	549.54	62.0	300.56	89.0	6.88	116.0	0.95	143.0	1.17	170.0	1.34
36.0	543.02	63.0	289.12	90.0	1.99	117.0	0.95	144.0	1.19	171.0	1.36
37.0	534.64	64.0	277.06	91.0	0.85	118.0	0.94	145.0	1.18	172.0	1.36
38.0	527.23	65.0	265.27	92.0	0.77	119.0	0.93	146.0	1.16	173.0	1.34
39.0	519.37	66.0	253.22	93.0	0.77	120.0	0.94	147.0	1.15	174.0	1.32
40.0	510.84	67.0	241.15	94.0	0.79	121.0	0.96	148.0	1.17	175.0	1.32
41.0	503.20	68.0	229.23	95.0	0.81	122.0	0.99	149.0	1.20	176.0	1.33
42.0	493.90	69.0	216.92	96.0	0.81	123.0	1.00	150.0	1.23	177.0	1.36
43.0	485.55	70.0	205.03	97.0	0.80	124.0	1.00	151.0	1.24	178.0	1.39
44.0	476.29	71.0	192.84	98.0	0.79	125.0	0.99	152.0	1.24	179.0	1.38
45.0	467.02	72.0	180.86	99.0	0.81	126.0	1.00	153.0	1.22	180.0	1.36
46.0	457.67	73.0	168.80	100.0	0.81	127.0	1.00	154.0	1.22		
47.0	447.90	74.0	156.87	101.0	0.83	128.0	1.03	155.0	1.23		
48.0	438.66	75.0	145.24	102.0	0.85	129.0	1.04	156.0	1.25		
49.0	428.51	76.0	133.47	103.0	0.85	130.0	1.05	157.0	1.28		
50.0	419.00	77.0	122.08	104.0	0.84	131.0	1.05	158.0	1.29		

Tabulator: _____

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