

# Light Intensity Distribution Test

## Product Information

Product Name: TLVI-34560WD-3000K

Manufacture: GW

Operator: hua

Test Date: 2021-04-29

## 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: 240.7 V

Current: 0.047 A

Power: 10.64 W

PF: 0.934

## Photometric Param

Maximum Cand. (I<sub>vm</sub>): 376.75 cd

Max. Cand. Angle(Deg): C= 0.0 gama= 1.0

Center Cd(I<sub>vo</sub>): 376.58 cd

Beam Angle(50%) β : 108.1 deg.

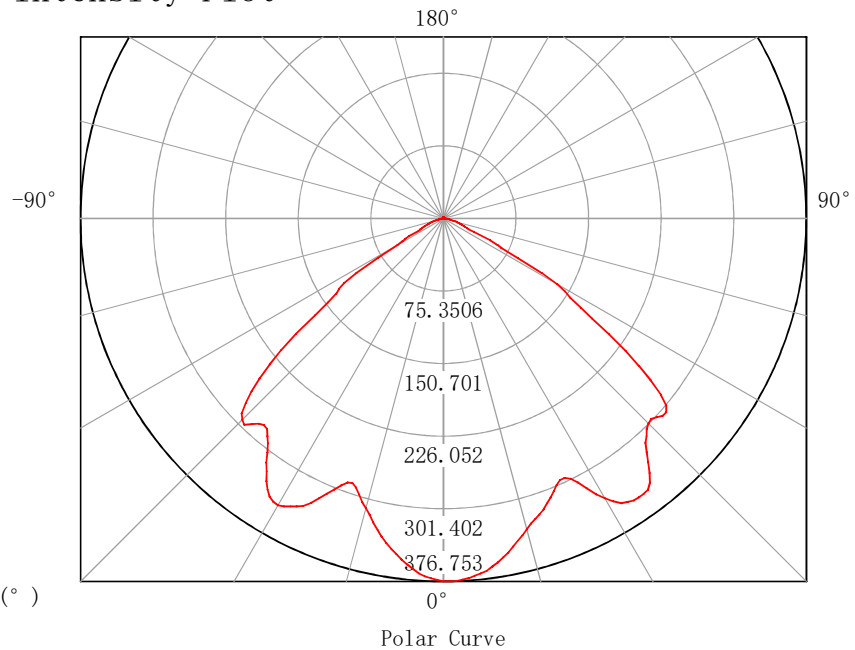
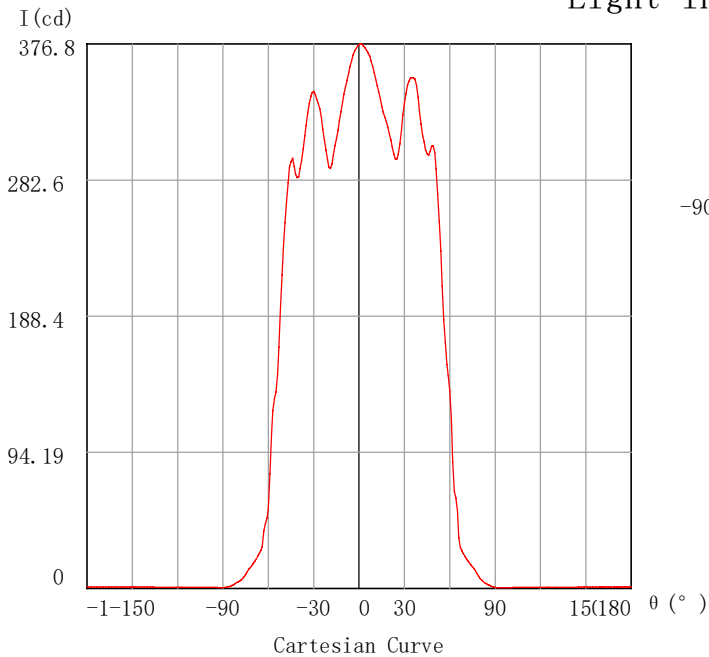
Lumens: 932.749 lm

Lumen-Effic: 87.664 lm/W

90 Deg. Lumens: 592.571 lm/W

120 Deg. Lumens: 867.976 lm

## Light Intensity Plot



C0-180 ————

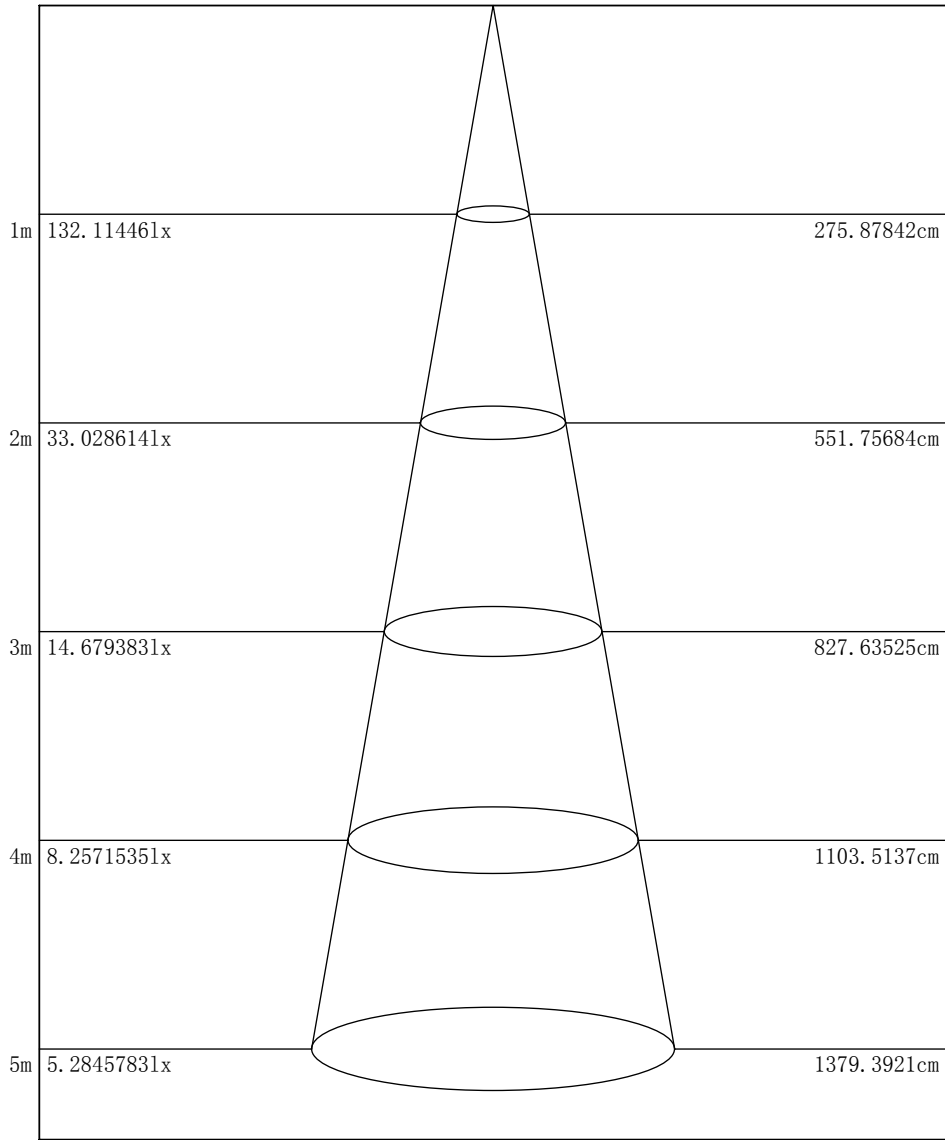
Tabulator: \_\_\_\_\_

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

# Lux-Distance Diagram

Luminous Flux: 932.7493 lm

Beam Luminous Flux: 789.7245 lm



Height Aver. Lux

Beam Ang. =108.1(° )

Beam Dia.

10%Beam Angle= 129.1(° )

50%Beam Angle= 108.1(° )

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

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

## Lighting Intensity Data Table

Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.
-180.0	1.04	-146.0	1.01	-112.0	0.75	-78.0	5.94	-44.0	297.65	-10.0	342.00
-179.0	1.06	-145.0	1.01	-111.0	0.76	-77.0	6.95	-43.0	292.02	-9.0	347.23
-178.0	1.07	-144.0	1.00	-110.0	0.76	-76.0	8.21	-42.0	286.70	-8.0	351.60
-177.0	1.06	-143.0	0.98	-109.0	0.74	-75.0	9.75	-41.0	284.27	-7.0	356.59
-176.0	1.04	-142.0	0.96	-108.0	0.72	-74.0	11.67	-40.0	284.95	-6.0	361.13
-175.0	1.04	-141.0	0.95	-107.0	0.71	-73.0	13.38	-39.0	290.72	-5.0	365.17
-174.0	1.03	-140.0	0.95	-106.0	0.71	-72.0	14.48	-38.0	296.13	-4.0	369.20
-173.0	1.05	-139.0	0.96	-105.0	0.71	-71.0	15.79	-37.0	304.05	-3.0	371.97
-172.0	1.07	-138.0	0.96	-104.0	0.71	-70.0	17.28	-36.0	313.15	-2.0	373.73
-171.0	1.07	-137.0	0.95	-103.0	0.71	-69.0	18.92	-35.0	320.36	-1.0	375.30
-170.0	1.06	-136.0	0.92	-102.0	0.70	-68.0	20.55	-34.0	328.90	0.0	376.58
-169.0	1.04	-135.0	0.90	-101.0	0.68	-67.0	22.39	-33.0	335.54	1.0	376.75
-168.0	1.04	-134.0	0.89	-100.0	0.66	-66.0	24.34	-32.0	340.60	2.0	376.69
-167.0	1.04	-133.0	0.90	-99.0	0.66	-65.0	26.49	-31.0	343.14	3.0	375.30
-166.0	1.06	-132.0	0.91	-98.0	0.66	-64.0	28.95	-30.0	343.85	4.0	374.24
-165.0	1.08	-131.0	0.91	-97.0	0.67	-63.0	40.08	-29.0	341.79	5.0	372.25
-164.0	1.07	-130.0	0.90	-96.0	0.68	-62.0	45.00	-28.0	338.53	6.0	370.56
-163.0	1.06	-129.0	0.87	-95.0	0.67	-61.0	48.70	-27.0	335.51	7.0	368.35
-162.0	1.04	-128.0	0.86	-94.0	0.66	-60.0	55.18	-26.0	331.98	8.0	364.76
-161.0	1.04	-127.0	0.85	-93.0	0.64	-59.0	79.18	-25.0	325.72	9.0	361.27
-160.0	1.05	-126.0	0.86	-92.0	0.64	-58.0	106.50	-24.0	317.90	10.0	356.97
-159.0	1.07	-125.0	0.86	-91.0	0.64	-57.0	122.98	-23.0	310.44	11.0	353.00
-158.0	1.08	-124.0	0.86	-90.0	0.65	-56.0	131.06	-22.0	303.48	12.0	348.03
-157.0	1.07	-123.0	0.85	-89.0	0.70	-55.0	135.93	-21.0	296.76	13.0	343.50
-156.0	1.04	-122.0	0.83	-88.0	0.88	-54.0	148.27	-20.0	291.49	14.0	338.87
-155.0	1.03	-121.0	0.81	-87.0	1.07	-53.0	166.89	-19.0	290.61	15.0	334.02
-154.0	1.02	-120.0	0.80	-86.0	1.26	-52.0	194.58	-18.0	293.76	16.0	329.44
-153.0	1.04	-119.0	0.81	-85.0	1.65	-51.0	217.03	-17.0	299.71	17.0	326.08
-152.0	1.05	-118.0	0.82	-84.0	2.17	-50.0	235.52	-16.0	306.46	18.0	322.75
-151.0	1.04	-117.0	0.82	-83.0	2.65	-49.0	253.10	-15.0	311.26	19.0	319.47
-150.0	1.02	-116.0	0.81	-82.0	3.39	-48.0	268.02	-14.0	317.22	20.0	314.52
-149.0	0.99	-115.0	0.78	-81.0	4.04	-47.0	280.85	-13.0	323.77	21.0	310.44
-148.0	1.00	-114.0	0.76	-80.0	4.56	-46.0	291.59	-12.0	329.97	22.0	305.57
-147.0	0.99	-113.0	0.75	-79.0	5.18	-45.0	295.27	-11.0	336.41	23.0	300.57

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	297.13	51.0	290.31	78.0	10.17	105.0	0.66	132.0	0.86	159.0	1.01
25.0	297.21	52.0	272.96	79.0	8.46	106.0	0.67	133.0	0.86	160.0	1.04
26.0	300.56	53.0	253.91	80.0	6.97	107.0	0.67	134.0	0.86	161.0	1.04
27.0	307.68	54.0	233.67	81.0	5.77	108.0	0.68	135.0	0.85	162.0	1.03
28.0	317.02	55.0	209.57	82.0	4.80	109.0	0.71	136.0	0.85	163.0	1.00
29.0	327.52	56.0	185.89	83.0	4.00	110.0	0.71	137.0	0.87	164.0	1.00
30.0	335.18	57.0	170.19	84.0	3.42	111.0	0.71	138.0	0.89	165.0	1.01
31.0	342.50	58.0	155.06	85.0	2.81	112.0	0.70	139.0	0.91	166.0	1.03
32.0	348.44	59.0	147.13	86.0	2.24	113.0	0.70	140.0	0.91	167.0	1.04
33.0	350.87	60.0	136.56	87.0	1.73	114.0	0.71	141.0	0.90	168.0	1.04
34.0	353.17	61.0	116.67	88.0	1.26	115.0	0.72	142.0	0.89	169.0	1.03
35.0	353.42	62.0	87.47	89.0	0.99	116.0	0.74	143.0	0.91	170.0	1.00
36.0	353.34	63.0	67.36	90.0	0.80	117.0	0.76	144.0	0.91	171.0	1.01
37.0	352.51	64.0	62.42	91.0	0.63	118.0	0.77	145.0	0.94	172.0	1.01
38.0	348.01	65.0	53.33	92.0	0.62	119.0	0.76	146.0	0.96	173.0	1.03
39.0	339.93	66.0	35.23	93.0	0.63	120.0	0.76	147.0	0.97	174.0	1.04
40.0	330.44	67.0	28.24	94.0	0.65	121.0	0.77	148.0	0.96	175.0	1.04
41.0	321.45	68.0	26.06	95.0	0.64	122.0	0.76	149.0	0.94	176.0	1.02
42.0	313.36	69.0	24.05	96.0	0.65	123.0	0.78	150.0	0.95	177.0	1.00
43.0	308.87	70.0	22.17	97.0	0.63	124.0	0.81	151.0	0.95	178.0	1.00
44.0	303.59	71.0	20.48	98.0	0.62	125.0	0.81	152.0	0.98	179.0	1.01
45.0	300.94	72.0	18.95	99.0	0.63	126.0	0.81	153.0	1.00	180.0	1.03
46.0	299.71	73.0	17.53	100.0	0.64	127.0	0.80	154.0	1.00		
47.0	302.66	74.0	16.24	101.0	0.65	128.0	0.80	155.0	0.99		
48.0	306.10	75.0	14.99	102.0	0.67	129.0	0.81	156.0	0.98		
49.0	306.39	76.0	13.72	103.0	0.67	130.0	0.83	157.0	0.98		
50.0	301.74	77.0	12.08	104.0	0.67	131.0	0.85	158.0	0.99		

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