

# Light Intensity Distribution Test

## Product Information

Product Name: TLVI-34560WD-5000K

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: 240.8 V

Current: 0.047 A

Power: 10.59 W

PF: 0.932

## Photometric Param

Maximum Cand. (I<sub>vm</sub>): 409.83 cd

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

Center Cd(I<sub>vo</sub>): 408.97 cd

Beam Angle(50%) β : 110.5 deg.

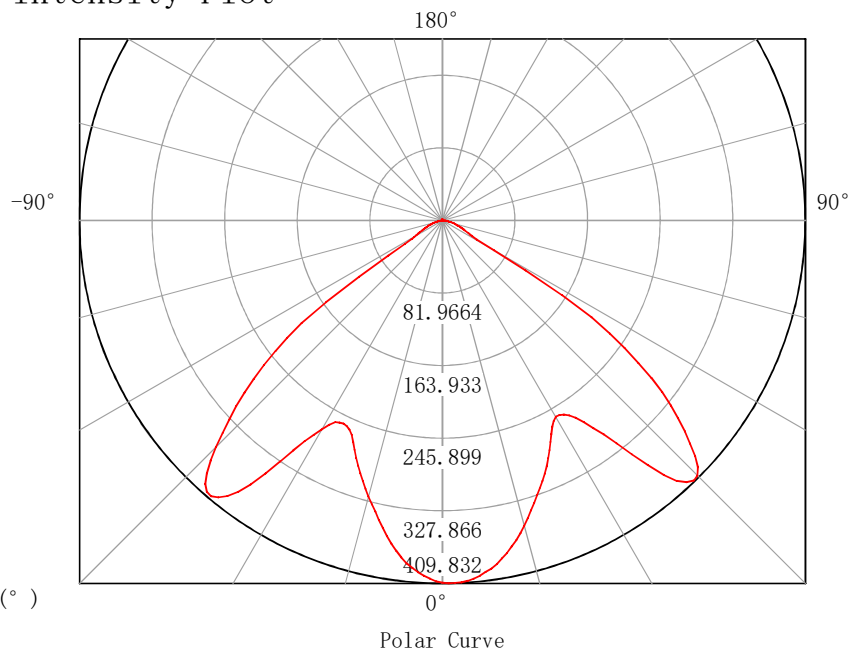
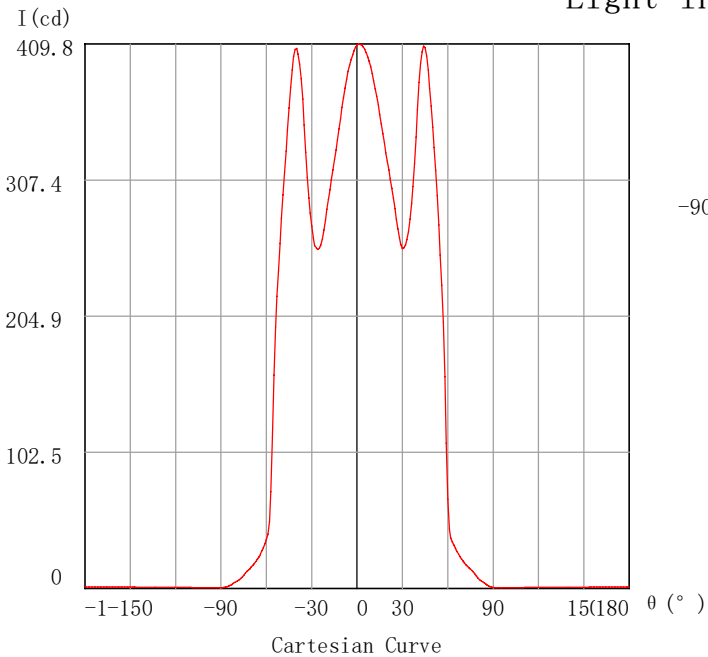
Lumens: 967.999 lm

Lumen-Effic: 91.407 lm/W

90 Deg. Lumens: 605.395 lm/W

120 Deg. Lumens: 918.794 lm

## Light Intensity Plot



C0-180 ————

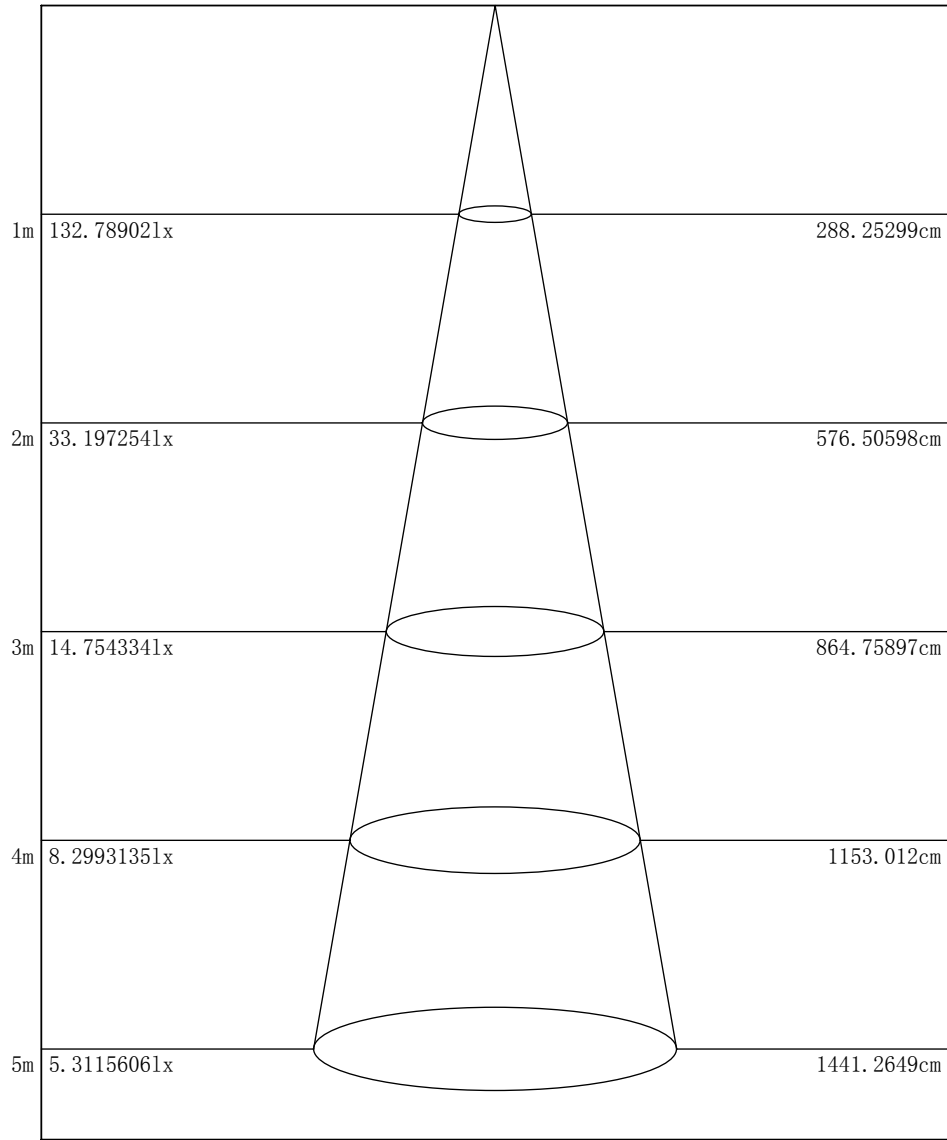
Tabulator: \_\_\_\_\_

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

# Lux-Distance Diagram

Luminous Flux: 967.9989 lm

Beam Luminous Flux: 866.5621 lm



Height Aver. Lux

Beam Ang. =110.5(° )

Beam Dia.

10%Beam Angle= 120.5(° )

50%Beam Angle= 110.5(° )

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

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

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## Lighting Intensity Data Table

Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.
-180.0	1.05	-146.0	0.98	-112.0	0.75	-78.0	6.47	-44.0	377.03	-10.0	361.95
-179.0	1.06	-145.0	0.98	-111.0	0.74	-77.0	7.42	-43.0	390.35	-9.0	369.35
-178.0	1.05	-144.0	0.97	-110.0	0.72	-76.0	8.52	-42.0	400.37	-8.0	376.56
-177.0	1.03	-143.0	0.98	-109.0	0.70	-75.0	9.83	-41.0	405.77	-7.0	383.29
-176.0	1.01	-142.0	0.99	-108.0	0.68	-74.0	11.39	-40.0	406.53	-6.0	389.17
-175.0	1.01	-141.0	0.97	-107.0	0.68	-73.0	12.80	-39.0	402.23	-5.0	393.78
-174.0	1.01	-140.0	0.94	-106.0	0.68	-72.0	13.76	-38.0	394.83	-4.0	398.09
-173.0	1.03	-139.0	0.92	-105.0	0.68	-71.0	14.82	-37.0	383.77	-3.0	401.72
-172.0	1.06	-138.0	0.91	-104.0	0.68	-70.0	16.06	-36.0	368.46	-2.0	404.82
-171.0	1.06	-137.0	0.90	-103.0	0.67	-69.0	17.38	-35.0	348.78	-1.0	407.55
-170.0	1.05	-136.0	0.89	-102.0	0.65	-68.0	18.74	-34.0	328.36	0.0	408.97
-169.0	1.03	-135.0	0.91	-101.0	0.63	-67.0	20.26	-33.0	309.44	1.0	409.83
-168.0	1.03	-134.0	0.90	-100.0	0.64	-66.0	21.85	-32.0	294.00	2.0	409.52
-167.0	1.03	-133.0	0.88	-99.0	0.62	-65.0	23.66	-31.0	282.45	3.0	409.13
-166.0	1.05	-132.0	0.86	-98.0	0.62	-64.0	25.53	-30.0	272.63	4.0	407.74
-165.0	1.06	-131.0	0.84	-97.0	0.64	-63.0	28.40	-29.0	263.64	5.0	405.91
-164.0	1.08	-130.0	0.84	-96.0	0.63	-62.0	30.84	-28.0	257.91	6.0	403.40
-163.0	1.08	-129.0	0.83	-95.0	0.62	-61.0	33.62	-27.0	256.26	7.0	399.95
-162.0	1.06	-128.0	0.84	-94.0	0.60	-60.0	36.93	-26.0	255.29	8.0	396.91
-161.0	1.04	-127.0	0.85	-93.0	0.59	-59.0	40.76	-25.0	256.20	9.0	392.69
-160.0	1.04	-126.0	0.85	-92.0	0.59	-58.0	50.24	-24.0	258.52	10.0	387.49
-159.0	1.04	-125.0	0.82	-91.0	0.59	-57.0	72.95	-23.0	262.94	11.0	382.30
-158.0	1.06	-124.0	0.81	-90.0	0.60	-56.0	113.76	-22.0	269.85	12.0	376.10
-157.0	1.08	-123.0	0.80	-89.0	0.65	-55.0	160.58	-21.0	277.36	13.0	370.52
-156.0	1.09	-122.0	0.79	-88.0	0.84	-54.0	196.72	-20.0	285.42	14.0	364.01
-155.0	1.07	-121.0	0.80	-87.0	1.06	-53.0	219.84	-19.0	292.89	15.0	356.78
-154.0	1.04	-120.0	0.81	-86.0	1.29	-52.0	238.96	-18.0	300.23	16.0	349.75
-153.0	1.03	-119.0	0.80	-85.0	1.75	-51.0	259.70	-17.0	307.70	17.0	342.33
-152.0	1.03	-118.0	0.79	-84.0	2.36	-50.0	278.44	-16.0	315.04	18.0	335.53
-151.0	1.04	-117.0	0.76	-83.0	2.92	-49.0	296.32	-15.0	322.81	19.0	328.10
-150.0	1.06	-116.0	0.74	-82.0	3.75	-48.0	313.39	-14.0	330.15	20.0	321.49
-149.0	1.06	-115.0	0.74	-81.0	4.53	-47.0	329.02	-13.0	337.45	21.0	314.93
-148.0	1.04	-114.0	0.74	-80.0	5.09	-46.0	345.32	-12.0	345.93	22.0	308.26
-147.0	1.01	-113.0	0.74	-79.0	5.71	-45.0	361.62	-11.0	353.61	23.0	301.15

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

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 Lighting Intensity Data Table---Continue

Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.
24.0	293.65	51.0	331.88	78.0	10.59	105.0	0.67	132.0	0.84	159.0	1.01
25.0	285.99	52.0	314.86	79.0	9.11	106.0	0.65	133.0	0.86	160.0	1.02
26.0	278.14	53.0	295.69	80.0	7.75	107.0	0.65	134.0	0.86	161.0	1.02
27.0	270.69	54.0	273.55	81.0	6.62	108.0	0.66	135.0	0.87	162.0	1.04
28.0	263.84	55.0	251.08	82.0	5.73	109.0	0.67	136.0	0.86	163.0	1.06
29.0	258.86	56.0	228.23	83.0	4.99	110.0	0.69	137.0	0.85	164.0	1.06
30.0	255.91	57.0	200.67	84.0	4.25	111.0	0.72	138.0	0.87	165.0	1.05
31.0	256.41	58.0	159.36	85.0	3.36	112.0	0.72	139.0	0.87	166.0	1.03
32.0	258.58	59.0	109.42	86.0	2.53	113.0	0.72	140.0	0.89	167.0	1.03
33.0	262.60	60.0	67.04	87.0	1.88	114.0	0.72	141.0	0.92	168.0	1.02
34.0	268.46	61.0	44.61	88.0	1.32	115.0	0.72	142.0	0.92	169.0	1.04
35.0	277.88	62.0	37.92	89.0	1.04	116.0	0.73	143.0	0.92	170.0	1.05
36.0	289.91	63.0	35.05	90.0	0.83	117.0	0.75	144.0	0.91	171.0	1.05
37.0	302.45	64.0	32.54	91.0	0.61	118.0	0.77	145.0	0.92	172.0	1.03
38.0	319.57	65.0	30.25	92.0	0.59	119.0	0.78	146.0	0.92	173.0	1.01
39.0	339.72	66.0	27.83	93.0	0.59	120.0	0.79	147.0	0.95	174.0	1.00
40.0	360.54	67.0	25.88	94.0	0.58	121.0	0.78	148.0	0.97	175.0	1.00
41.0	380.80	68.0	24.10	95.0	0.60	122.0	0.78	149.0	0.99	176.0	1.01
42.0	395.56	69.0	22.40	96.0	0.62	123.0	0.79	150.0	0.99	177.0	1.02
43.0	404.05	70.0	20.73	97.0	0.62	124.0	0.79	151.0	0.98	178.0	1.04
44.0	408.13	71.0	19.24	98.0	0.63	125.0	0.81	152.0	0.99	179.0	1.03
45.0	407.03	72.0	17.83	99.0	0.62	126.0	0.84	153.0	0.99	180.0	1.01
46.0	400.79	73.0	16.58	100.0	0.61	127.0	0.84	154.0	1.01		
47.0	390.21	74.0	15.50	101.0	0.61	128.0	0.84	155.0	1.03		
48.0	376.44	75.0	14.47	102.0	0.63	129.0	0.83	156.0	1.05		
49.0	362.92	76.0	13.46	103.0	0.65	130.0	0.82	157.0	1.04		
50.0	347.06	77.0	12.12	104.0	0.66	131.0	0.82	158.0	1.03		

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

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