

Light Intensity Distribution Test

Product Information

Product Name: HV5877T-NW

Operator: hua

Manufactory: HAVIT LIGHTING

Test Date: 2022-07-22

Test Condition

Temperature: 26.8 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: 0.091 A

Power: 20.81 W

PF: 0.941

Photometric Param

Maximum Cand. (I_{vm}): 828.78 cd

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

Center Cd(I_{vo}): 828.24 cd

Beam Angle(50%) β : 111.2 deg.

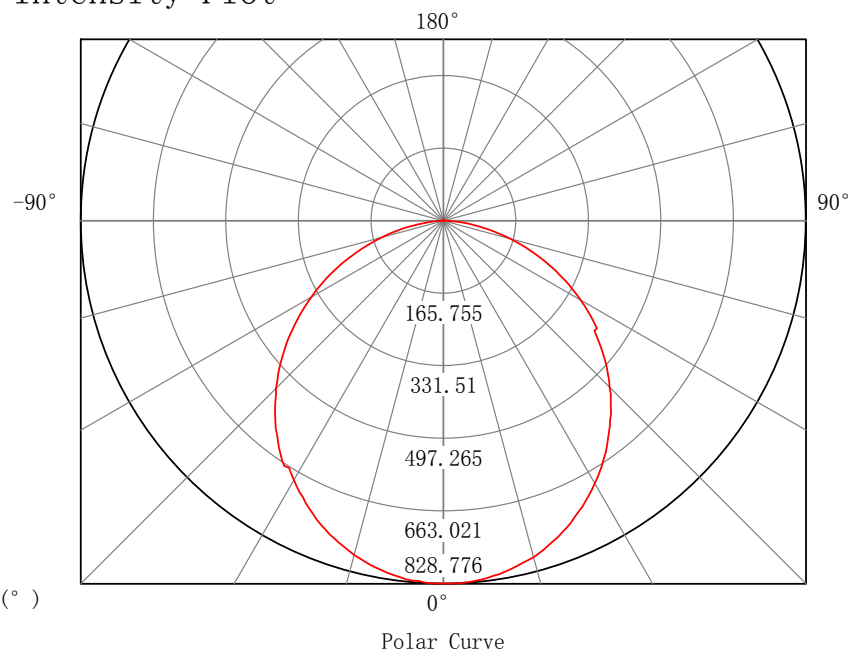
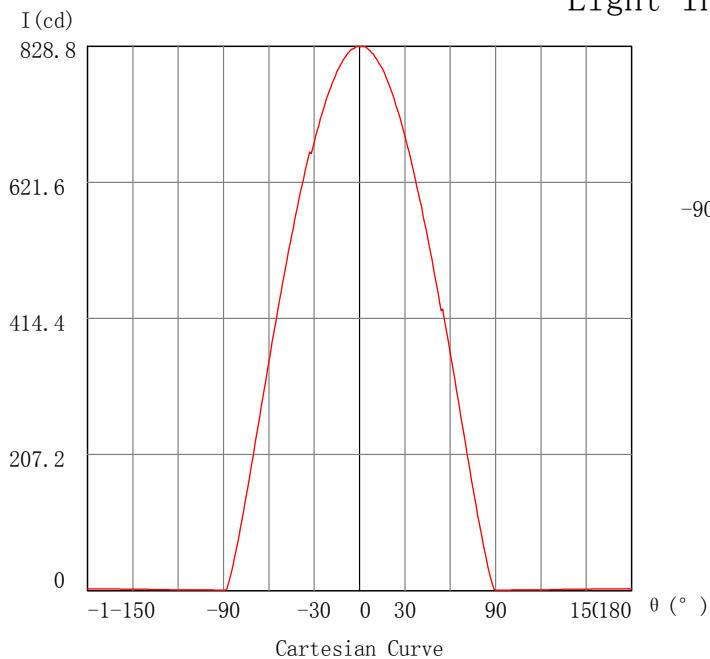
Lumens: 2323.737 lm

Lumen-Effic: 111.664 lm/W

90 Deg. Lumens: 1251.710 lmW

120 Deg. Lumens: 1831.623 lm

Light Intensity Plot



C0-180

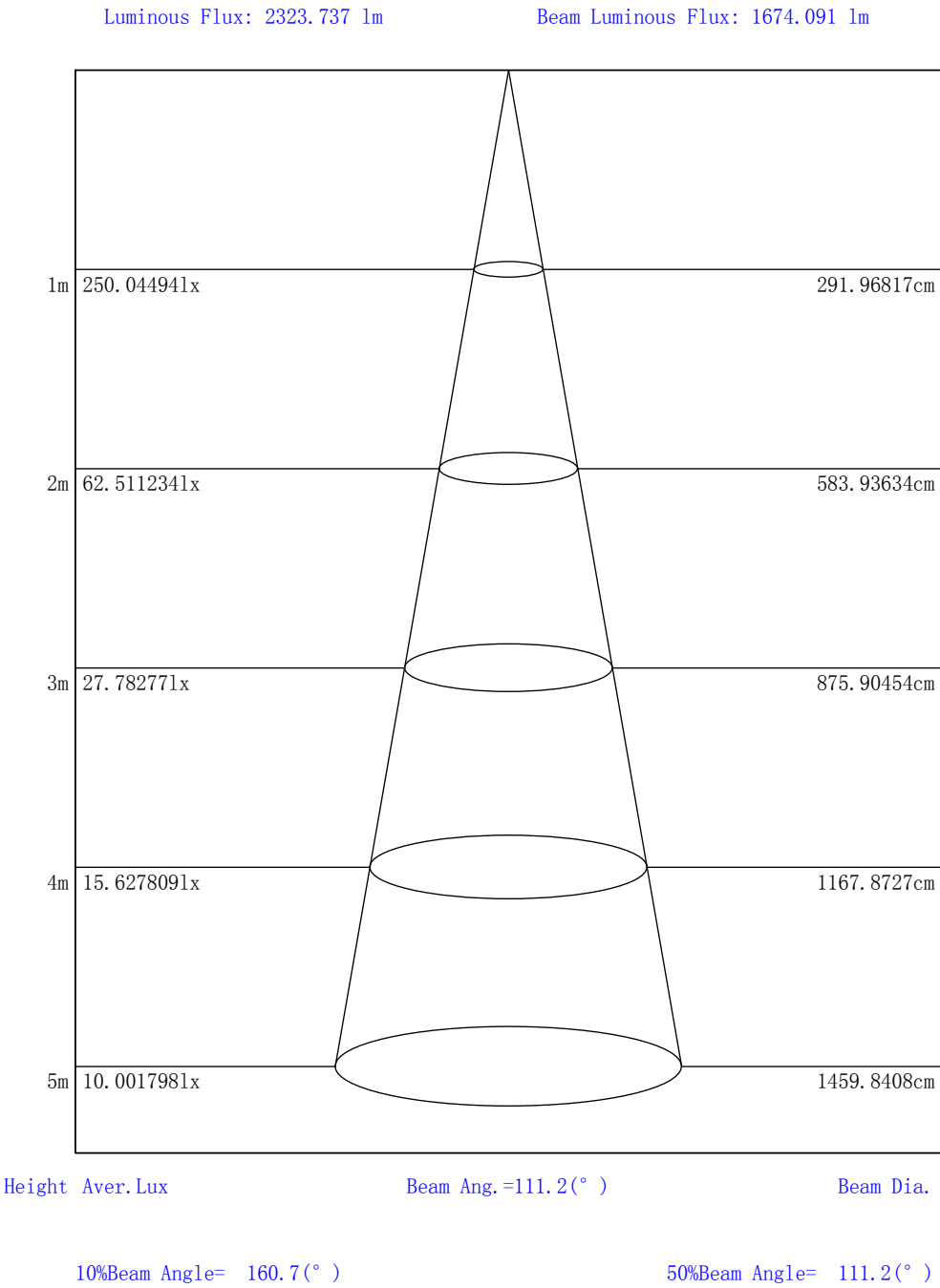
Tabulator: _____

Verifier: _____

IES Flood Report

Photometric Filename:HV5877T-NW.IES

Lux-Distance Diagram



Tabulator: _____

Verifier: _____

Lighting Intensity Data Table

Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.
-180.0	2.95	-146.0	2.16	-112.0	1.31	-78.0	106.22	-44.0	551.62	-10.0	810.90
-179.0	2.91	-145.0	2.09	-111.0	1.26	-77.0	118.78	-43.0	563.91	-9.0	814.07
-178.0	2.87	-144.0	2.04	-110.0	1.21	-76.0	131.62	-42.0	575.36	-8.0	817.37
-177.0	2.88	-143.0	2.02	-109.0	1.18	-75.0	144.61	-41.0	586.59	-7.0	820.06
-176.0	2.90	-142.0	2.02	-108.0	1.17	-74.0	157.80	-40.0	597.29	-6.0	822.95
-175.0	2.94	-141.0	2.03	-107.0	1.19	-73.0	171.18	-39.0	609.15	-5.0	824.69
-174.0	2.95	-140.0	2.02	-106.0	1.20	-72.0	184.73	-38.0	618.29	-4.0	824.82
-173.0	2.90	-139.0	1.99	-105.0	1.18	-71.0	198.19	-37.0	629.11	-3.0	826.89
-172.0	2.85	-138.0	1.93	-104.0	1.16	-70.0	211.85	-36.0	639.46	-2.0	828.16
-171.0	2.83	-137.0	1.90	-103.0	1.13	-69.0	225.75	-35.0	649.67	-1.0	828.78
-170.0	2.83	-136.0	1.88	-102.0	1.12	-68.0	239.38	-34.0	659.45	0.0	828.24
-169.0	2.85	-135.0	1.88	-101.0	1.13	-67.0	253.36	-33.0	668.11	1.0	828.26
-168.0	2.87	-134.0	1.87	-100.0	1.12	-66.0	267.21	-32.0	665.46	2.0	828.69
-167.0	2.84	-133.0	1.85	-99.0	1.11	-65.0	281.21	-31.0	674.35	3.0	828.07
-166.0	2.79	-132.0	1.79	-98.0	1.10	-64.0	294.79	-30.0	683.55	4.0	827.56
-165.0	2.74	-131.0	1.73	-97.0	1.10	-63.0	308.90	-29.0	692.20	5.0	825.50
-164.0	2.70	-130.0	1.68	-96.0	1.07	-62.0	322.41	-28.0	701.26	6.0	824.02
-163.0	2.70	-129.0	1.65	-95.0	1.03	-61.0	336.26	-27.0	708.23	7.0	821.90
-162.0	2.70	-128.0	1.64	-94.0	1.02	-60.0	349.39	-26.0	717.69	8.0	818.70
-161.0	2.70	-127.0	1.62	-93.0	1.01	-59.0	362.91	-25.0	725.09	9.0	817.18
-160.0	2.66	-126.0	1.57	-92.0	1.02	-58.0	376.56	-24.0	732.83	10.0	813.47
-159.0	2.59	-125.0	1.52	-91.0	1.02	-57.0	389.60	-23.0	741.09	11.0	809.97
-158.0	2.53	-124.0	1.47	-90.0	1.01	-56.0	402.81	-22.0	748.10	12.0	806.25
-157.0	2.49	-123.0	1.45	-89.0	1.00	-55.0	415.86	-21.0	754.66	13.0	802.19
-156.0	2.47	-122.0	1.45	-88.0	2.58	-54.0	428.74	-20.0	761.41	14.0	799.01
-155.0	2.47	-121.0	1.45	-87.0	8.76	-53.0	442.26	-19.0	766.81	15.0	795.27
-154.0	2.46	-120.0	1.46	-86.0	17.35	-52.0	455.17	-18.0	773.06	16.0	790.03
-153.0	2.39	-119.0	1.44	-85.0	26.90	-51.0	467.11	-17.0	778.45	17.0	785.46
-152.0	2.32	-118.0	1.42	-84.0	36.99	-50.0	479.53	-16.0	783.82	18.0	778.42
-151.0	2.26	-117.0	1.39	-83.0	47.71	-49.0	492.53	-15.0	789.94	19.0	773.12
-150.0	2.24	-116.0	1.37	-82.0	58.71	-48.0	505.31	-14.0	794.34	20.0	767.78
-149.0	2.23	-115.0	1.35	-81.0	70.12	-47.0	517.57	-13.0	799.09	21.0	760.76
-148.0	2.23	-114.0	1.35	-80.0	81.93	-46.0	527.90	-12.0	803.37	22.0	754.50
-147.0	2.22	-113.0	1.34	-79.0	93.92	-45.0	541.11	-11.0	807.22	23.0	747.55

Tabulator: _____

Verifier: _____

Lighting Intensity Data Table---Continue

Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.
24.0	739.40	51.0	464.47	78.0	117.52	105.0	1.23	132.0	1.86	159.0	2.73
25.0	732.54	52.0	452.31	79.0	104.97	106.0	1.23	133.0	1.92	160.0	2.77
26.0	725.36	53.0	438.78	80.0	92.68	107.0	1.24	134.0	2.00	161.0	2.80
27.0	717.31	54.0	426.16	81.0	80.63	108.0	1.23	135.0	2.05	162.0	2.85
28.0	709.18	55.0	428.44	82.0	69.11	109.0	1.19	136.0	2.05	163.0	2.86
29.0	700.59	56.0	415.25	83.0	57.69	110.0	1.16	137.0	2.05	164.0	2.82
30.0	692.01	57.0	401.88	84.0	46.72	111.0	1.16	138.0	2.04	165.0	2.80
31.0	683.41	58.0	388.66	85.0	36.19	112.0	1.17	139.0	2.05	166.0	2.77
32.0	674.33	59.0	375.13	86.0	26.07	113.0	1.21	140.0	2.10	167.0	2.79
33.0	665.42	60.0	362.16	87.0	16.61	114.0	1.25	141.0	2.17	168.0	2.84
34.0	655.22	61.0	348.67	88.0	8.07	115.0	1.27	142.0	2.25	169.0	2.89
35.0	646.18	62.0	334.51	89.0	2.10	116.0	1.27	143.0	2.26	170.0	2.90
36.0	635.88	63.0	321.45	90.0	0.92	117.0	1.26	144.0	2.25	171.0	2.89
37.0	624.57	64.0	307.38	91.0	0.93	118.0	1.28	145.0	2.27	172.0	2.87
38.0	614.19	65.0	293.57	92.0	0.96	119.0	1.30	146.0	2.30	173.0	2.87
39.0	604.40	66.0	279.89	93.0	0.98	120.0	1.35	147.0	2.36	174.0	2.91
40.0	593.11	67.0	266.03	94.0	1.00	121.0	1.40	148.0	2.43	175.0	2.96
41.0	584.10	68.0	252.17	95.0	0.99	122.0	1.44	149.0	2.50	176.0	2.98
42.0	571.66	69.0	238.37	96.0	1.00	123.0	1.46	150.0	2.51	177.0	2.96
43.0	560.27	70.0	224.73	97.0	1.01	124.0	1.48	151.0	2.51	178.0	2.92
44.0	550.21	71.0	210.90	98.0	1.02	125.0	1.52	152.0	2.51	179.0	2.89
45.0	537.02	72.0	197.18	99.0	1.05	126.0	1.57	153.0	2.55	180.0	2.90
46.0	526.78	73.0	183.58	100.0	1.07	127.0	1.64	154.0	2.61		
47.0	513.91	74.0	170.08	101.0	1.13	128.0	1.72	155.0	2.68		
48.0	502.52	75.0	156.64	102.0	1.18	129.0	1.78	156.0	2.73		
49.0	489.90	76.0	143.34	103.0	1.21	130.0	1.80	157.0	2.74		
50.0	477.14	77.0	130.45	104.0	1.23	131.0	1.82	158.0	2.73		

Tabulator: _____

Verifier: _____