

Light Intensity Distribution Test

Product Information

Product Name: HV5877T-CW

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: 240.6 V

Current: 0.096 A

Power: 21.92 W

PF: 0.947

Photometric Param

Maximum Cand. (I_{vm}): 823.17 cd

Max. Cand. Angle(Deg): C= 0.0 gama= 2.0

Center Cd(I_{vo}): 823.02 cd

Beam Angle(50%) β : 111.1 deg.

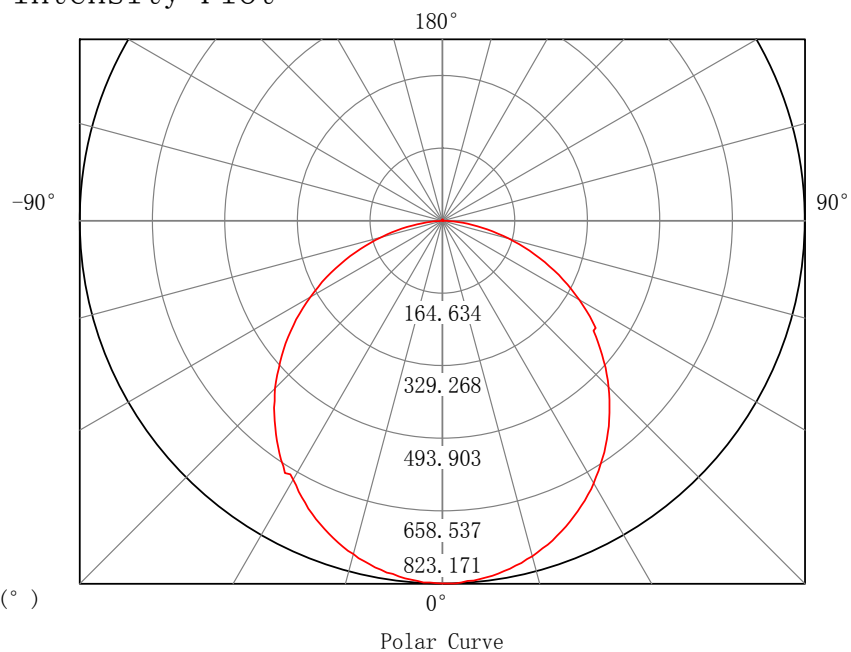
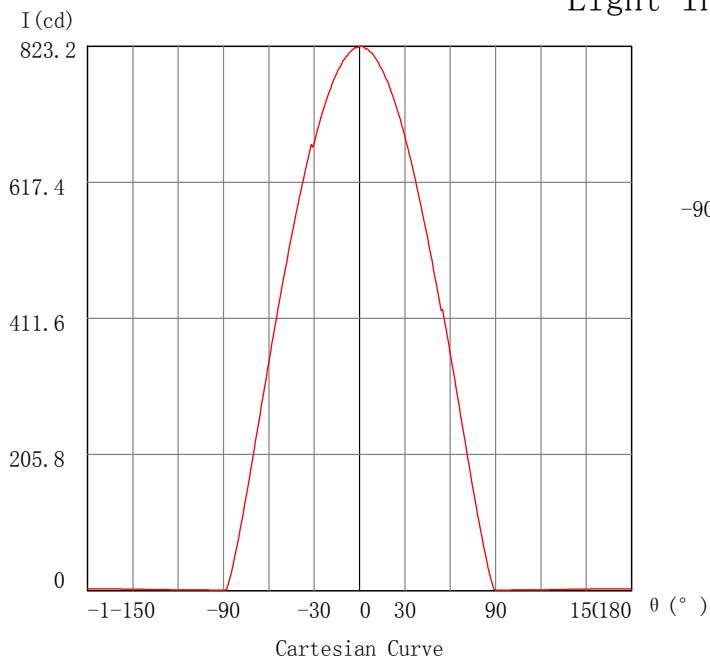
Lumens: 2305.435 lm

Lumen-Effic: 105.175 lm/W

90 Deg. Lumens: 1241.972 lmW

120 Deg. Lumens: 1817.362 lm

Light Intensity Plot



CO-180

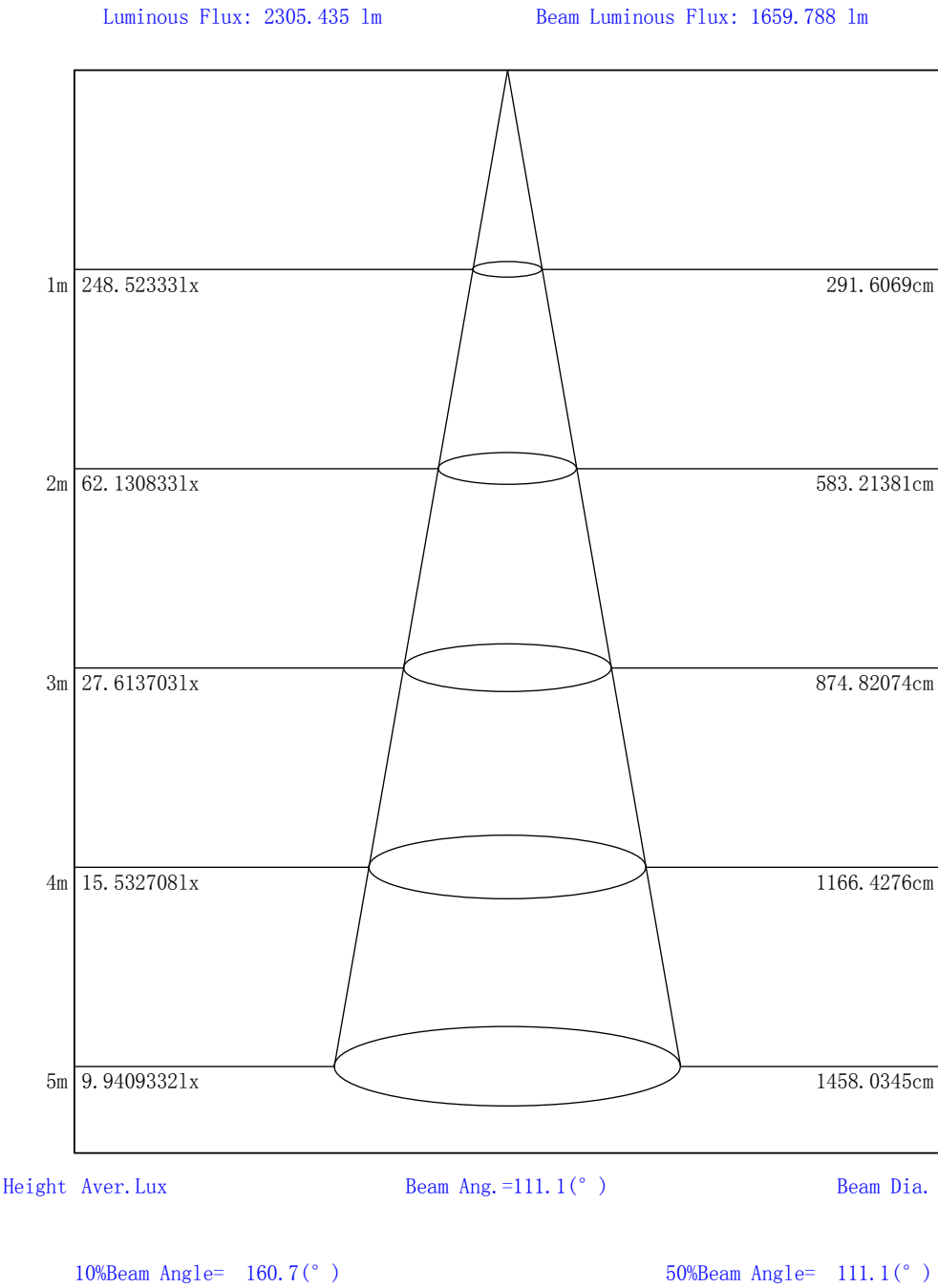
Tabulator: _____

Verifier: _____

IES Flood Report

Photometric Filename:HV5877T-CW.IES

Lux-Distance Diagram



Tabulator: _____

Verifier: _____

Lighting Intensity Data Table

Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.
-180.0	2.91	-146.0	2.16	-112.0	1.28	-78.0	105.48	-44.0	548.62	-10.0	803.49
-179.0	2.93	-145.0	2.14	-111.0	1.27	-77.0	117.77	-43.0	559.07	-9.0	807.59
-178.0	2.96	-144.0	2.09	-110.0	1.25	-76.0	130.64	-42.0	571.16	-8.0	809.10
-177.0	2.94	-143.0	2.04	-109.0	1.21	-75.0	143.54	-41.0	582.05	-7.0	812.94
-176.0	2.88	-142.0	1.98	-108.0	1.17	-74.0	156.73	-40.0	592.21	-6.0	815.40
-175.0	2.86	-141.0	1.96	-107.0	1.18	-73.0	169.91	-39.0	603.14	-5.0	817.18
-174.0	2.86	-140.0	1.96	-106.0	1.15	-72.0	183.34	-38.0	614.18	-4.0	819.21
-173.0	2.88	-139.0	1.98	-105.0	1.14	-71.0	196.85	-37.0	624.60	-3.0	821.37
-172.0	2.91	-138.0	1.98	-104.0	1.15	-70.0	210.26	-36.0	634.28	-2.0	820.80
-171.0	2.90	-137.0	1.94	-103.0	1.14	-69.0	224.18	-35.0	644.81	-1.0	821.94
-170.0	2.85	-136.0	1.88	-102.0	1.13	-68.0	237.75	-34.0	654.62	0.0	823.02
-169.0	2.80	-135.0	1.84	-101.0	1.13	-67.0	251.49	-33.0	663.61	1.0	823.06
-168.0	2.76	-134.0	1.81	-100.0	1.10	-66.0	265.27	-32.0	674.34	2.0	823.17
-167.0	2.78	-133.0	1.79	-99.0	1.07	-65.0	279.00	-31.0	670.64	3.0	821.65
-166.0	2.79	-132.0	1.79	-98.0	1.07	-64.0	292.77	-30.0	678.00	4.0	819.03
-165.0	2.80	-131.0	1.77	-97.0	1.08	-63.0	306.54	-29.0	686.06	5.0	819.30
-164.0	2.76	-130.0	1.71	-96.0	1.08	-62.0	319.54	-28.0	696.03	6.0	817.09
-163.0	2.69	-129.0	1.64	-95.0	1.05	-61.0	333.65	-27.0	703.89	7.0	814.62
-162.0	2.64	-128.0	1.59	-94.0	1.01	-60.0	346.66	-26.0	711.09	8.0	813.21
-161.0	2.61	-127.0	1.56	-93.0	1.00	-59.0	360.61	-25.0	720.10	9.0	809.96
-160.0	2.60	-126.0	1.54	-92.0	0.99	-58.0	373.85	-24.0	727.54	10.0	807.04
-159.0	2.60	-125.0	1.54	-91.0	0.98	-57.0	386.32	-23.0	735.17	11.0	803.96
-158.0	2.58	-124.0	1.52	-90.0	0.99	-56.0	400.63	-22.0	741.46	12.0	799.84
-157.0	2.52	-123.0	1.47	-89.0	1.00	-55.0	412.99	-21.0	748.40	13.0	796.20
-156.0	2.45	-122.0	1.43	-88.0	2.57	-54.0	426.28	-20.0	754.76	14.0	791.27
-155.0	2.40	-121.0	1.41	-87.0	8.69	-53.0	438.63	-19.0	760.74	15.0	787.54
-154.0	2.38	-120.0	1.40	-86.0	17.18	-52.0	451.93	-18.0	767.28	16.0	782.61
-153.0	2.37	-119.0	1.41	-85.0	26.62	-51.0	463.74	-17.0	773.34	17.0	776.86
-152.0	2.37	-118.0	1.43	-84.0	36.69	-50.0	476.47	-16.0	778.60	18.0	772.32
-151.0	2.32	-117.0	1.43	-83.0	47.27	-49.0	488.41	-15.0	782.48	19.0	767.23
-150.0	2.25	-116.0	1.39	-82.0	58.19	-48.0	500.25	-14.0	788.43	20.0	760.65
-149.0	2.20	-115.0	1.34	-81.0	69.64	-47.0	512.62	-13.0	791.78	21.0	754.18
-148.0	2.16	-114.0	1.31	-80.0	81.25	-46.0	525.52	-12.0	796.12	22.0	747.64
-147.0	2.15	-113.0	1.28	-79.0	93.22	-45.0	537.12	-11.0	801.17	23.0	740.75

Tabulator: _____

Verifier: _____

Lighting Intensity Data Table---Continue

Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.
24.0	733.97	51.0	461.02	78.0	116.67	105.0	1.24	132.0	1.88	159.0	2.77
25.0	726.73	52.0	447.46	79.0	104.24	106.0	1.24	133.0	1.95	160.0	2.81
26.0	719.15	53.0	436.72	80.0	91.89	107.0	1.22	134.0	1.99	161.0	2.80
27.0	711.94	54.0	423.47	81.0	80.13	108.0	1.18	135.0	2.00	162.0	2.76
28.0	703.17	55.0	424.62	82.0	68.57	109.0	1.15	136.0	1.98	163.0	2.74
29.0	695.89	56.0	411.56	83.0	57.37	110.0	1.15	137.0	1.99	164.0	2.75
30.0	686.39	57.0	399.28	84.0	46.49	111.0	1.15	138.0	2.02	165.0	2.80
31.0	677.42	58.0	385.53	85.0	35.90	112.0	1.18	139.0	2.08	166.0	2.84
32.0	669.17	59.0	372.01	86.0	25.94	113.0	1.21	140.0	2.13	167.0	2.82
33.0	658.62	60.0	358.70	87.0	16.52	114.0	1.24	141.0	2.15	168.0	2.80
34.0	649.94	61.0	344.85	88.0	8.04	115.0	1.23	142.0	2.17	169.0	2.79
35.0	641.08	62.0	331.75	89.0	2.09	116.0	1.22	143.0	2.18	170.0	2.81
36.0	630.29	63.0	318.31	90.0	0.91	117.0	1.25	144.0	2.20	171.0	2.85
37.0	620.35	64.0	304.62	91.0	0.94	118.0	1.27	145.0	2.26	172.0	2.91
38.0	609.64	65.0	291.39	92.0	0.96	119.0	1.32	146.0	2.33	173.0	2.93
39.0	599.69	66.0	277.47	93.0	0.97	120.0	1.36	147.0	2.39	174.0	2.91
40.0	588.35	67.0	263.57	94.0	0.96	121.0	1.38	148.0	2.40	175.0	2.89
41.0	577.36	68.0	250.19	95.0	0.96	122.0	1.40	149.0	2.40	176.0	2.87
42.0	566.47	69.0	235.84	96.0	0.98	123.0	1.41	150.0	2.42	177.0	2.89
43.0	555.46	70.0	222.76	97.0	1.00	124.0	1.46	151.0	2.47	178.0	2.93
44.0	544.53	71.0	208.85	98.0	1.02	125.0	1.51	152.0	2.53	179.0	2.96
45.0	533.36	72.0	195.38	99.0	1.04	126.0	1.58	153.0	2.59	180.0	2.93
46.0	521.40	73.0	181.83	100.0	1.06	127.0	1.64	154.0	2.62		
47.0	509.14	74.0	168.52	101.0	1.09	128.0	1.68	155.0	2.63		
48.0	498.32	75.0	155.23	102.0	1.14	129.0	1.71	156.0	2.61		
49.0	485.17	76.0	142.28	103.0	1.19	130.0	1.75	157.0	2.65		
50.0	472.91	77.0	129.24	104.0	1.22	131.0	1.81	158.0	2.71		

Tabulator: _____

Verifier: _____