Volnic

HAVIT COMMERCIAL

Light Intensity Distribution Test

Product Information

Product Name: HCP-2381001

Manufactory: GW

Operator: hua

Test Date: 2026-07-30

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: 3.05 m

Electric Param

Voltage: 240.2 V

Current: 0.077 A

Power: 17.07 W

PF: 0.92

Photometric Param

Maximum Cand.(Ivm): 768.85 cd

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

Center Cd(Ivo): 768.30 cd

Beam Angle(50%) β: 112.5 deg.

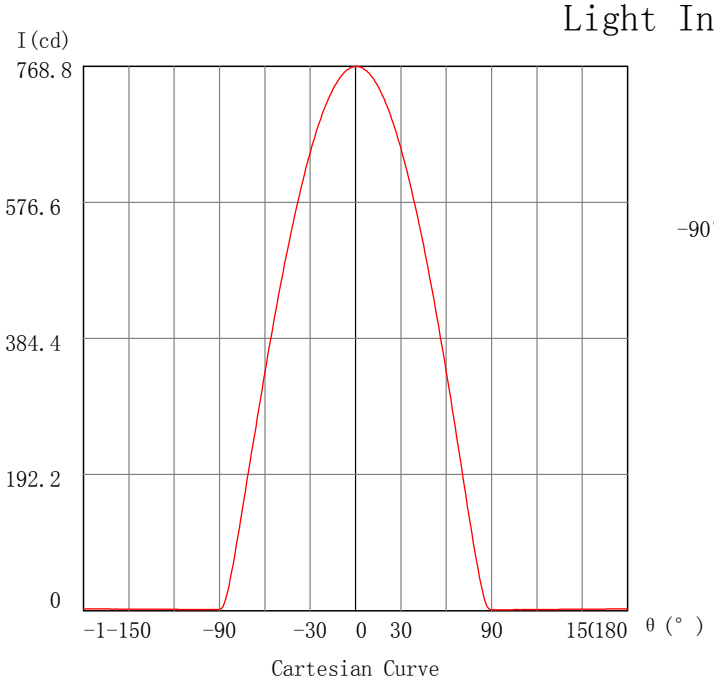
Lumens: 2187.657 lm

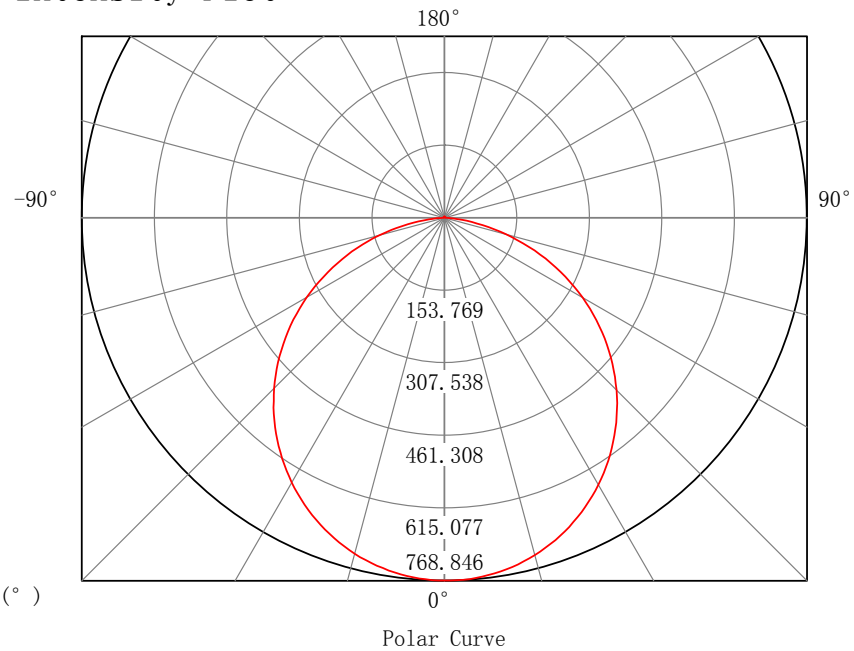
Lumen-Effic: 128.158 lm/W

90 Deg.Lumens: 1177.472 lmW

120 Deg.Lumens: 1730.713 lm

Light Intensity Plot





C0-180

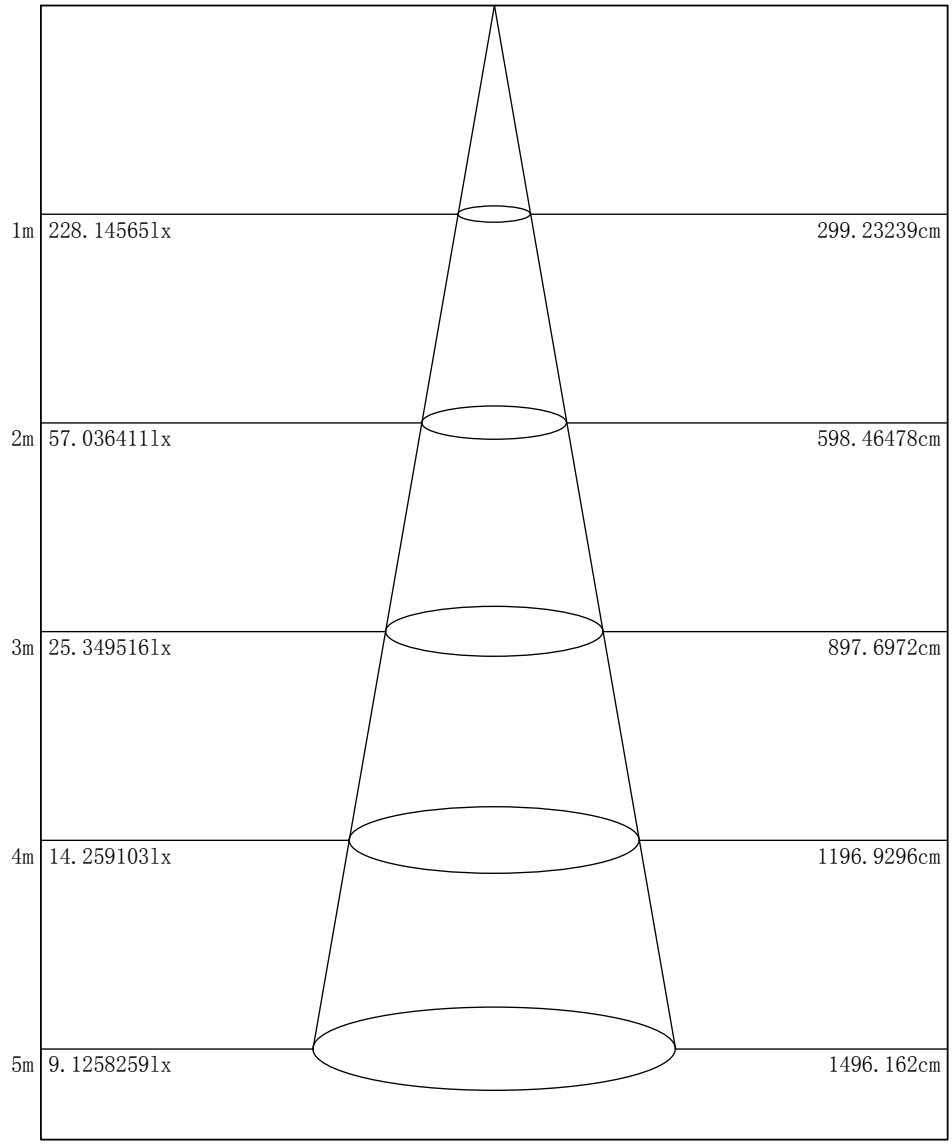
Tabulator: _____

Verifier: _____

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Lux-Distance Diagram

Luminous Flux: 1604.424 lm



Height Aver.Lux Beam Ang.=112.5(°) Beam Dia.

10%Beam Angle= 159.6(°) 50%Beam Angle= 112.5(°)

Tabulator: _____ Verifier: _____

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Lighting Intensity Data Table

Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.
-180.0	2.52	-118.0	1.88	-56.0	386.27	6.0	764.44	68.0	230.81	130.0	1.85
-178.0	2.55	-116.0	1.80	-54.0	410.33	8.0	760.85	70.0	203.27	132.0	1.85
-176.0	2.48	-114.0	1.76	-52.0	433.76	10.0	756.13	72.0	175.68	134.0	1.86
-174.0	2.50	-112.0	1.79	-50.0	456.35	12.0	750.61	74.0	148.25	136.0	1.93
-172.0	2.55	-110.0	1.74	-48.0	478.53	14.0	743.77	76.0	121.37	138.0	1.99
-170.0	2.48	-108.0	1.67	-46.0	500.07	16.0	735.77	78.0	95.26	140.0	1.94
-168.0	2.47	-106.0	1.68	-44.0	521.36	18.0	726.57	80.0	70.46	142.0	1.97
-166.0	2.54	-104.0	1.70	-42.0	541.64	20.0	716.96	82.0	47.56	144.0	2.07
-164.0	2.47	-102.0	1.63	-40.0	561.01	22.0	706.31	84.0	27.45	146.0	2.10
-162.0	2.39	-100.0	1.61	-38.0	579.78	24.0	694.37	86.0	11.48	148.0	2.06
-160.0	2.40	-98.0	1.66	-36.0	597.77	26.0	681.31	88.0	2.96	150.0	2.11
-158.0	2.39	-96.0	1.63	-34.0	615.39	28.0	667.33	90.0	1.39	152.0	2.23
-156.0	2.32	-94.0	1.60	-32.0	631.89	30.0	652.96	92.0	1.35	154.0	2.21
-154.0	2.34	-92.0	1.64	-30.0	647.42	32.0	637.28	94.0	1.38	156.0	2.19
-152.0	2.39	-90.0	1.70	-28.0	662.19	34.0	620.65	96.0	1.38	158.0	2.27
-150.0	2.31	-88.0	4.92	-26.0	676.36	36.0	603.15	98.0	1.41	160.0	2.36
-148.0	2.30	-86.0	16.18	-24.0	689.56	38.0	585.16	100.0	1.38	162.0	2.32
-146.0	2.35	-84.0	33.51	-22.0	701.66	40.0	566.34	102.0	1.38	164.0	2.34
-144.0	2.27	-82.0	55.27	-20.0	712.67	42.0	546.71	104.0	1.40	166.0	2.43
-142.0	2.20	-80.0	78.80	-18.0	722.86	44.0	526.36	106.0	1.46	168.0	2.45
-140.0	2.21	-78.0	104.14	-16.0	732.25	46.0	504.87	108.0	1.45	170.0	2.41
-138.0	2.19	-76.0	128.72	-14.0	740.52	48.0	483.04	110.0	1.46	172.0	2.46
-136.0	2.10	-74.0	156.47	-12.0	747.55	50.0	460.48	112.0	1.51	174.0	2.53
-134.0	2.08	-72.0	182.25	-10.0	753.73	52.0	437.13	114.0	1.58	176.0	2.48
-132.0	2.10	-70.0	208.73	-8.0	758.71	54.0	413.14	116.0	1.58	178.0	2.48
-130.0	2.01	-68.0	233.89	-6.0	763.24	56.0	388.58	118.0	1.59	180.0	2.54
-128.0	1.97	-66.0	259.48	-4.0	766.24	58.0	363.65	120.0	1.65		
-126.0	2.00	-64.0	285.69	-2.0	767.89	60.0	337.91	122.0	1.72		
-124.0	1.96	-62.0	311.62	0.0	768.30	62.0	311.73	124.0	1.72		
-122.0	1.88	-60.0	337.07	2.0	768.29	64.0	285.02	126.0	1.73		
-120.0	1.87	-58.0	361.98	4.0	767.12	66.0	258.14	128.0	1.79		

Tabulator: _____ Verifier: _____