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: 0.075 A

Power: 16.76 W

PF: 0.919

Photometric Param

Maximum Cand.(Ivm): 798.75 cd

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

Center Cd(Ivo): 798.71 cd

Beam Angle(50%) β: 112.6 deg.

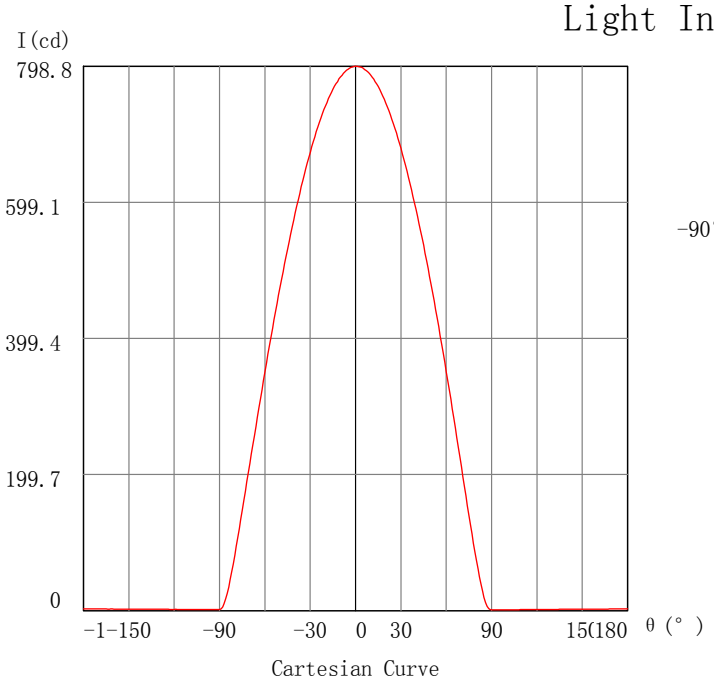
Lumens: 2273.414 lm

Lumen-Effic: 135.645 lm/W

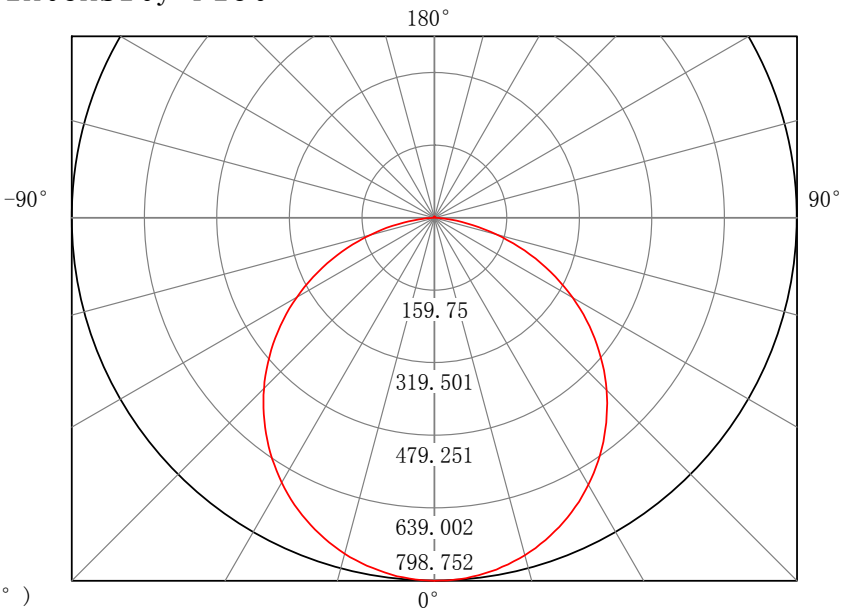
90 Deg.Lumens: 1223.610 lmW

120 Deg.Lumens: 1798.825 lm

Light Intensity Plot



Cartesian Curve



Polar Curve

C0-180

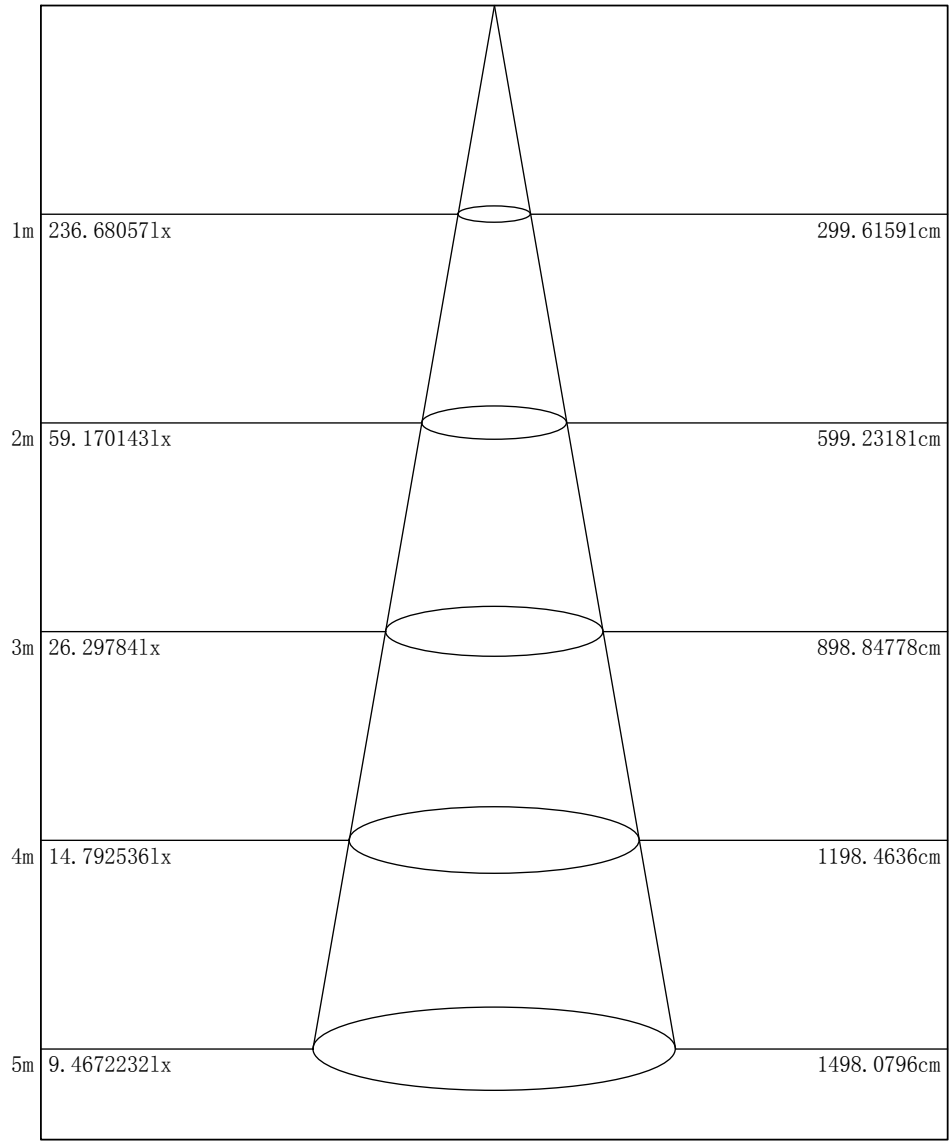
Tabulator: _____

Verifier: _____

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Lux-Distance Diagram

Luminous Flux: 1668.715 lm



Height Aver.Lux Beam Ang.=112.6(°) Beam Dia.

10%Beam Angle= 159.6(°) 50%Beam Angle= 112.6(°)

Tabulator: _____ Verifier: _____

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Lighting Intensity Data Table

Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.
-180.0	2.61	-118.0	1.93	-56.0	401.90	6.0	794.20	68.0	239.89	130.0	1.91
-178.0	2.55	-116.0	1.83	-54.0	426.78	8.0	790.61	70.0	211.33	132.0	1.89
-176.0	2.58	-114.0	1.80	-52.0	450.95	10.0	785.88	72.0	182.67	134.0	1.91
-174.0	2.64	-112.0	1.81	-50.0	474.68	12.0	779.98	74.0	154.20	136.0	2.01
-172.0	2.54	-110.0	1.81	-48.0	497.72	14.0	772.83	76.0	126.22	138.0	2.01
-170.0	2.53	-108.0	1.71	-46.0	520.20	16.0	764.38	78.0	99.13	140.0	2.00
-168.0	2.61	-106.0	1.69	-44.0	542.06	18.0	754.79	80.0	73.36	142.0	2.06
-166.0	2.55	-104.0	1.73	-42.0	562.98	20.0	744.91	82.0	49.54	144.0	2.13
-164.0	2.49	-102.0	1.73	-40.0	583.01	22.0	734.01	84.0	28.60	146.0	2.10
-162.0	2.50	-100.0	1.66	-38.0	602.59	24.0	721.43	86.0	12.11	148.0	2.14
-160.0	2.46	-98.0	1.64	-36.0	621.95	26.0	707.79	88.0	3.13	150.0	2.24
-158.0	2.38	-96.0	1.68	-34.0	639.83	28.0	693.57	90.0	1.38	152.0	2.22
-156.0	2.39	-94.0	1.71	-32.0	656.81	30.0	678.25	92.0	1.36	154.0	2.24
-154.0	2.42	-92.0	1.67	-30.0	672.90	32.0	662.23	94.0	1.43	156.0	2.33
-152.0	2.35	-90.0	1.69	-28.0	688.28	34.0	644.90	96.0	1.44	158.0	2.37
-150.0	2.35	-88.0	5.27	-26.0	703.06	36.0	626.80	98.0	1.37	160.0	2.34
-148.0	2.42	-86.0	17.10	-24.0	716.30	38.0	607.97	100.0	1.39	162.0	2.44
-146.0	2.36	-84.0	34.83	-22.0	728.61	40.0	588.58	102.0	1.45	164.0	2.49
-144.0	2.27	-82.0	56.98	-20.0	740.35	42.0	568.01	104.0	1.45	166.0	2.45
-142.0	2.28	-80.0	81.39	-18.0	751.26	44.0	546.79	106.0	1.44	168.0	2.50
-140.0	2.28	-78.0	107.59	-16.0	760.80	46.0	524.67	108.0	1.49	170.0	2.57
-138.0	2.17	-76.0	133.71	-14.0	769.33	48.0	501.92	110.0	1.54	172.0	2.51
-136.0	2.13	-74.0	161.81	-12.0	776.29	50.0	478.59	112.0	1.53	174.0	2.53
-134.0	2.15	-72.0	188.99	-10.0	783.09	52.0	454.21	114.0	1.54	176.0	2.63
-132.0	2.11	-70.0	216.44	-8.0	788.55	54.0	429.30	116.0	1.64	178.0	2.58
-130.0	2.03	-68.0	243.01	-6.0	793.06	56.0	403.84	118.0	1.66	180.0	2.55
-128.0	2.02	-66.0	270.09	-4.0	796.06	58.0	377.84	120.0	1.66		
-126.0	2.03	-64.0	297.37	-2.0	797.76	60.0	351.29	122.0	1.74		
-124.0	1.97	-62.0	324.22	0.0	798.71	62.0	324.02	124.0	1.79		
-122.0	1.91	-60.0	350.65	2.0	798.37	64.0	296.24	126.0	1.76		
-120.0	1.91	-58.0	376.54	4.0	797.06	66.0	268.19	128.0	1.82		

Tabulator: _____ Verifier: _____