HAVIT COMMERCIAL

Light Intensity Distribution Test

Product Information

Product Name: HCP-2381002

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: 0.153 A

Power: 35.75 W

PF: 0.968

Photometric Param

Maximum Cand.(Ivm): 1352.01 cd

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

Center Cd(Ivo): 1350.31 cd

Beam Angle(50%) β: 120.0 deg.

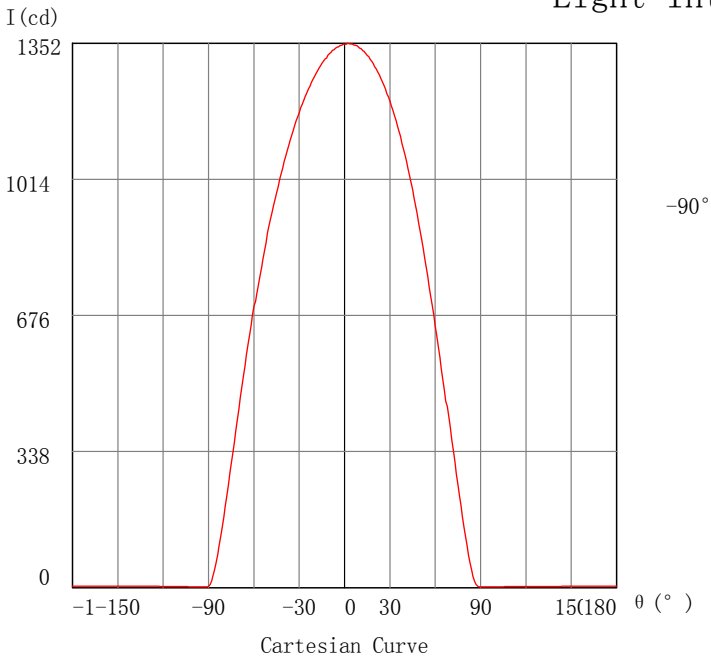
Lumens: 4163.912 lm

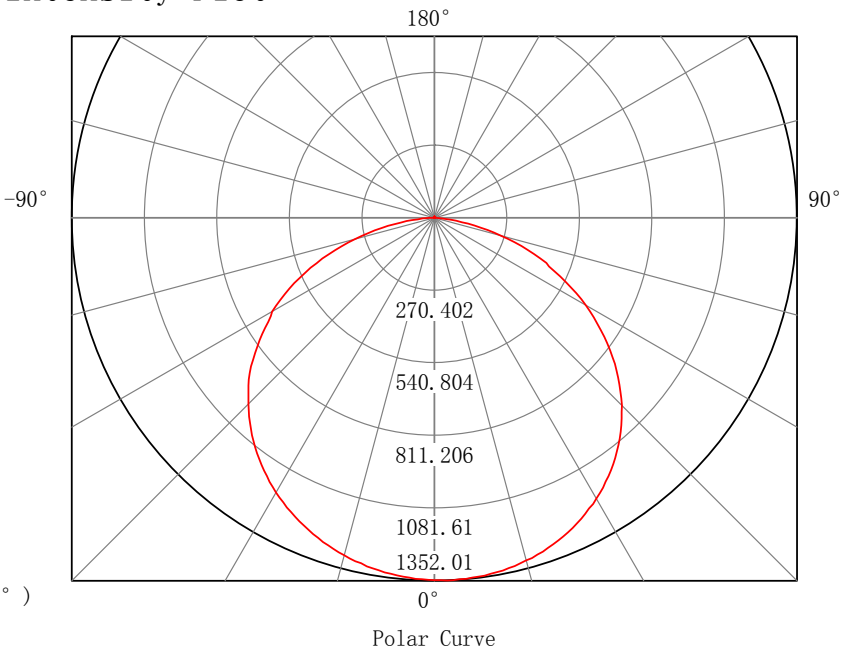
Lumen-Effic: 116.473 lm/W

90 Deg.Lumens: 2162.304 lmW

120 Deg.Lumens: 3242.598 lm

Light Intensity Plot





C0-180

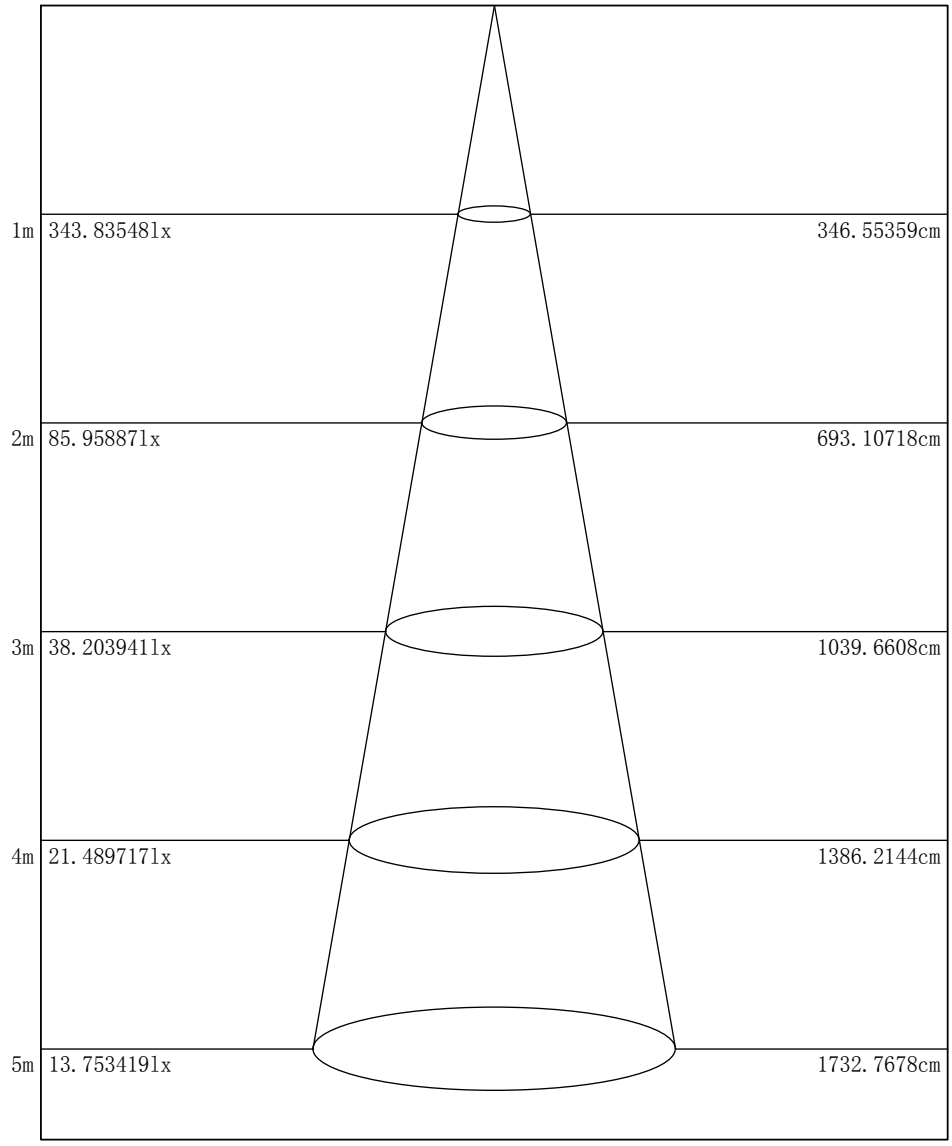
Tabulator: _____

Verifier: _____

HAVIT COMMERCIAL

Lux-Distance Diagram

Luminous Flux: 3243.257 lm



Height Aver.Lux Beam Ang.=120.0(°) Beam Dia.

10%Beam Angle= 161.3(°) 50%Beam Angle= 120(°)

Tabulator: _____ Verifier: _____

HAVIT COMMERCIAL

Lighting Intensity Data Table

Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.
-180.0	4.09	-118.0	3.15	-56.0	774.72	6.0	1347.99	68.0	450.43	130.0	3.04
-178.0	4.16	-116.0	3.01	-54.0	816.02	8.0	1346.21	70.0	394.80	132.0	3.09
-176.0	4.10	-114.0	2.93	-52.0	857.25	10.0	1340.09	72.0	340.56	134.0	3.06
-174.0	4.16	-112.0	2.93	-50.0	899.45	12.0	1333.91	74.0	283.29	136.0	3.08
-172.0	4.20	-110.0	2.78	-48.0	933.80	14.0	1326.74	76.0	229.15	138.0	3.18
-170.0	4.10	-108.0	2.68	-46.0	964.89	16.0	1318.38	78.0	176.69	140.0	3.17
-168.0	4.14	-106.0	2.69	-44.0	996.40	18.0	1307.48	80.0	127.27	142.0	3.18
-166.0	4.20	-104.0	2.56	-42.0	1028.31	20.0	1293.90	82.0	81.83	144.0	3.30
-164.0	4.11	-102.0	2.44	-40.0	1057.85	22.0	1280.32	84.0	44.02	146.0	3.31
-162.0	4.11	-100.0	2.35	-38.0	1085.61	24.0	1265.14	86.0	16.17	148.0	3.32
-160.0	4.15	-98.0	2.27	-36.0	1111.08	26.0	1247.70	88.0	3.42	150.0	3.44
-158.0	4.04	-96.0	2.18	-34.0	1136.55	28.0	1226.94	90.0	2.15	152.0	3.49
-156.0	4.06	-94.0	2.15	-32.0	1160.14	30.0	1207.85	92.0	2.46	154.0	3.46
-154.0	4.06	-92.0	2.15	-30.0	1181.22	32.0	1185.47	94.0	2.39	156.0	3.56
-152.0	3.93	-90.0	3.19	-28.0	1200.48	34.0	1160.48	96.0	2.28	158.0	3.62
-150.0	3.94	-88.0	17.10	-26.0	1219.56	36.0	1133.43	98.0	2.02	160.0	3.61
-148.0	3.95	-86.0	45.38	-24.0	1238.38	38.0	1104.09	100.0	1.94	162.0	3.75
-146.0	3.79	-84.0	83.03	-22.0	1254.22	40.0	1074.53	102.0	2.03	164.0	3.86
-144.0	3.78	-82.0	127.22	-20.0	1269.10	42.0	1040.96	104.0	2.30	166.0	3.84
-142.0	3.80	-80.0	175.87	-18.0	1283.10	44.0	1005.15	106.0	2.56	168.0	3.92
-140.0	3.66	-78.0	227.42	-16.0	1296.45	46.0	967.71	108.0	2.76	170.0	3.97
-138.0	3.63	-76.0	280.61	-14.0	1307.64	48.0	928.16	110.0	3.02	172.0	3.90
-136.0	3.65	-74.0	334.83	-12.0	1315.37	50.0	886.13	112.0	3.10	174.0	3.99
-134.0	3.52	-72.0	389.69	-10.0	1326.14	52.0	841.79	114.0	3.04	176.0	4.05
-132.0	3.51	-70.0	444.44	-8.0	1334.17	54.0	796.03	116.0	3.06	178.0	3.98
-130.0	3.51	-68.0	498.03	-6.0	1339.85	56.0	748.55	118.0	3.18	180.0	4.05
-128.0	3.38	-66.0	550.43	-4.0	1343.27	58.0	700.89	120.0	3.09		
-126.0	3.36	-64.0	601.95	-2.0	1347.00	60.0	651.11	122.0	3.08		
-124.0	3.37	-62.0	651.10	0.0	1350.31	62.0	598.45	124.0	3.13		
-122.0	3.22	-60.0	699.74	2.0	1352.01	64.0	544.25	126.0	3.11		
-120.0	3.17	-58.0	731.25	4.0	1350.29	66.0	489.78	128.0	3.01		

Tabulator: _____ Verifier: _____