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		

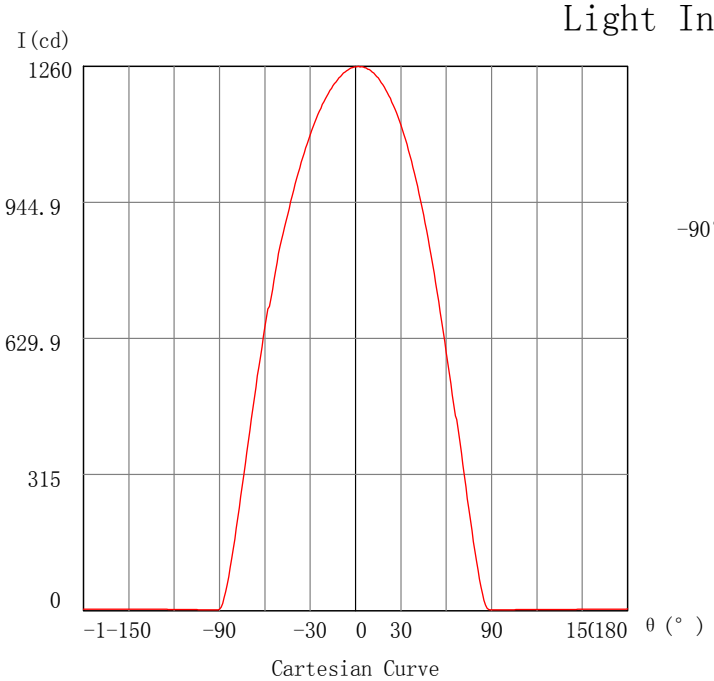
Electric Param

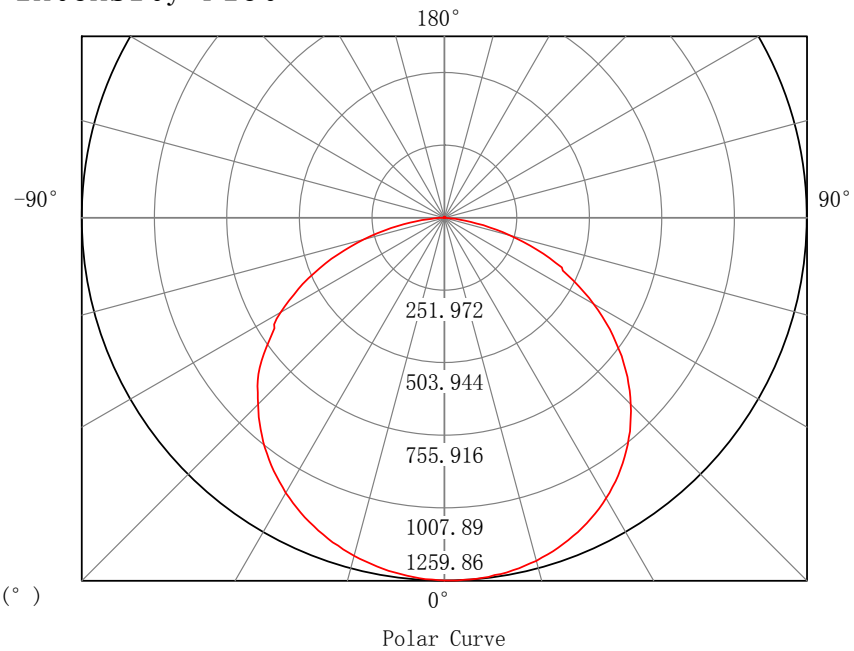
Voltage:	240.2 V	Current:	0.161 A
Power:	37.7 W	PF:	0.971

Photometric Param

Maximum Cand.(Ivm):	1259.86 cd	Max.Cand.Angle(Deg):	C= 0.0 gama= 2.0
Center Cd(Ivo):	1258.51 cd	Beam Angle(50%) β:	119.9 deg.
Lumens:	3878.841 lm	Lumen-Effic:	102.887 lm/W
90 Deg.Lumens:	2014.420 lmW	120 Deg.Lumens:	3021.552 lm

Light Intensity Plot





C0-180

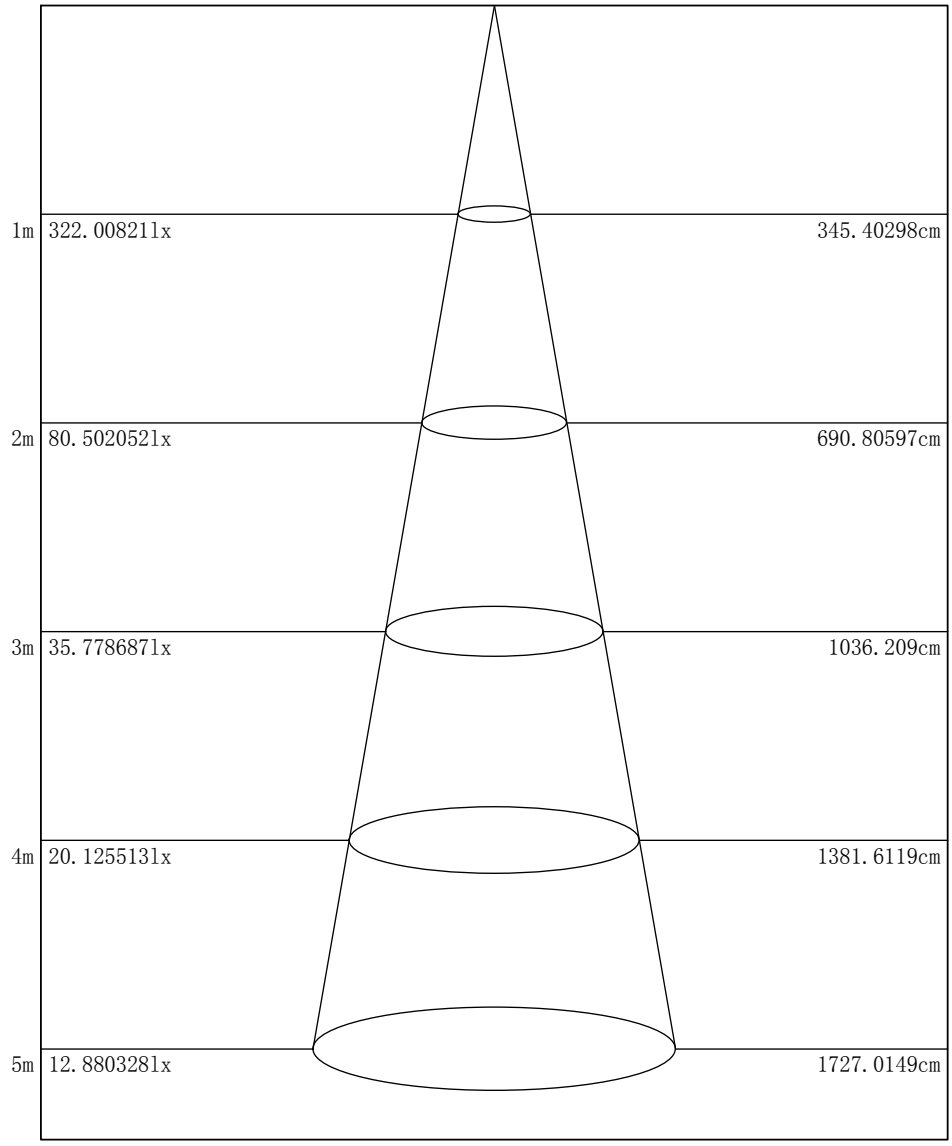
Tabulator: _____

Verifier: _____

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Lux-Distance Diagram

Luminous Flux: 3017.234 lm



Height Aver.Lux Beam Ang.=119.9(°) Beam Dia.

10%Beam Angle= 161.3(°) 50%Beam Angle= 119.9(°)

Tabulator: _____ Verifier: _____

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Lighting Intensity Data Table

Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.	Ang.	Cand.
-180.0	3.69	-118.0	2.82	-56.0	723.41	6.0	1256.78	68.0	417.40	130.0	2.85
-178.0	3.78	-116.0	2.77	-54.0	764.55	8.0	1252.82	70.0	365.01	132.0	2.90
-176.0	3.75	-114.0	2.75	-52.0	805.61	10.0	1249.88	72.0	312.68	134.0	2.95
-174.0	3.75	-112.0	2.68	-50.0	843.16	12.0	1244.30	74.0	259.25	136.0	2.91
-172.0	3.83	-110.0	2.55	-48.0	873.72	14.0	1235.96	76.0	209.90	138.0	2.93
-170.0	3.77	-108.0	2.54	-46.0	902.11	16.0	1227.06	78.0	159.65	140.0	3.03
-168.0	3.75	-106.0	2.48	-44.0	931.04	18.0	1217.50	80.0	114.26	142.0	3.02
-166.0	3.85	-104.0	2.34	-42.0	959.78	20.0	1205.41	82.0	73.19	144.0	2.96
-164.0	3.84	-102.0	2.31	-40.0	987.00	22.0	1191.78	84.0	38.42	146.0	3.05
-162.0	3.75	-100.0	2.21	-38.0	1013.02	24.0	1176.98	86.0	13.37	148.0	3.10
-160.0	3.79	-98.0	2.08	-36.0	1037.20	26.0	1161.11	88.0	2.48	150.0	3.07
-158.0	3.79	-96.0	2.04	-34.0	1059.96	28.0	1143.86	90.0	2.11	152.0	3.12
-156.0	3.69	-94.0	2.06	-32.0	1080.91	30.0	1123.60	92.0	2.33	154.0	3.24
-154.0	3.71	-92.0	1.98	-30.0	1102.64	32.0	1101.72	94.0	2.26	156.0	3.25
-152.0	3.73	-90.0	3.13	-28.0	1120.86	34.0	1079.16	96.0	2.08	158.0	3.23
-150.0	3.60	-88.0	16.82	-26.0	1138.57	36.0	1053.46	98.0	1.91	160.0	3.36
-148.0	3.62	-86.0	43.62	-24.0	1155.67	38.0	1026.07	100.0	1.95	162.0	3.47
-146.0	3.63	-84.0	79.15	-22.0	1171.32	40.0	996.48	102.0	1.99	164.0	3.47
-144.0	3.47	-82.0	120.58	-20.0	1184.93	42.0	965.88	104.0	2.19	166.0	3.56
-142.0	3.44	-80.0	166.14	-18.0	1196.96	44.0	932.66	106.0	2.53	168.0	3.69
-140.0	3.45	-78.0	214.34	-16.0	1208.72	46.0	897.44	108.0	2.67	170.0	3.66
-138.0	3.36	-76.0	264.33	-14.0	1219.72	48.0	860.31	110.0	2.81	172.0	3.68
-136.0	3.29	-74.0	314.86	-12.0	1228.53	50.0	821.74	112.0	2.91	174.0	3.83
-134.0	3.35	-72.0	365.99	-10.0	1236.31	52.0	780.68	114.0	2.94	176.0	3.88
-132.0	3.25	-70.0	417.52	-8.0	1243.95	54.0	736.82	116.0	2.84	178.0	3.86
-130.0	3.13	-68.0	466.91	-6.0	1249.72	56.0	692.27	118.0	2.95	180.0	3.94
-128.0	3.18	-66.0	517.22	-4.0	1253.90	58.0	645.78	120.0	3.00		
-126.0	3.16	-64.0	564.25	-2.0	1256.52	60.0	598.46	122.0	2.90		
-124.0	3.01	-62.0	610.72	0.0	1258.51	62.0	549.34	124.0	2.89		
-122.0	2.97	-60.0	658.09	2.0	1259.86	64.0	499.75	126.0	3.00		
-120.0	3.01	-58.0	698.11	4.0	1259.14	66.0	450.58	128.0	2.94		

Tabulator: _____ Verifier: _____