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: 0.081 A

Power: 18.07 W

PF: 0.926

Photometric Param

Maximum Cand.(Ivm): 724.85 cd

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

Center Cd(Ivo): 724.62 cd

Beam Angle(50%) β: 112.6 deg.

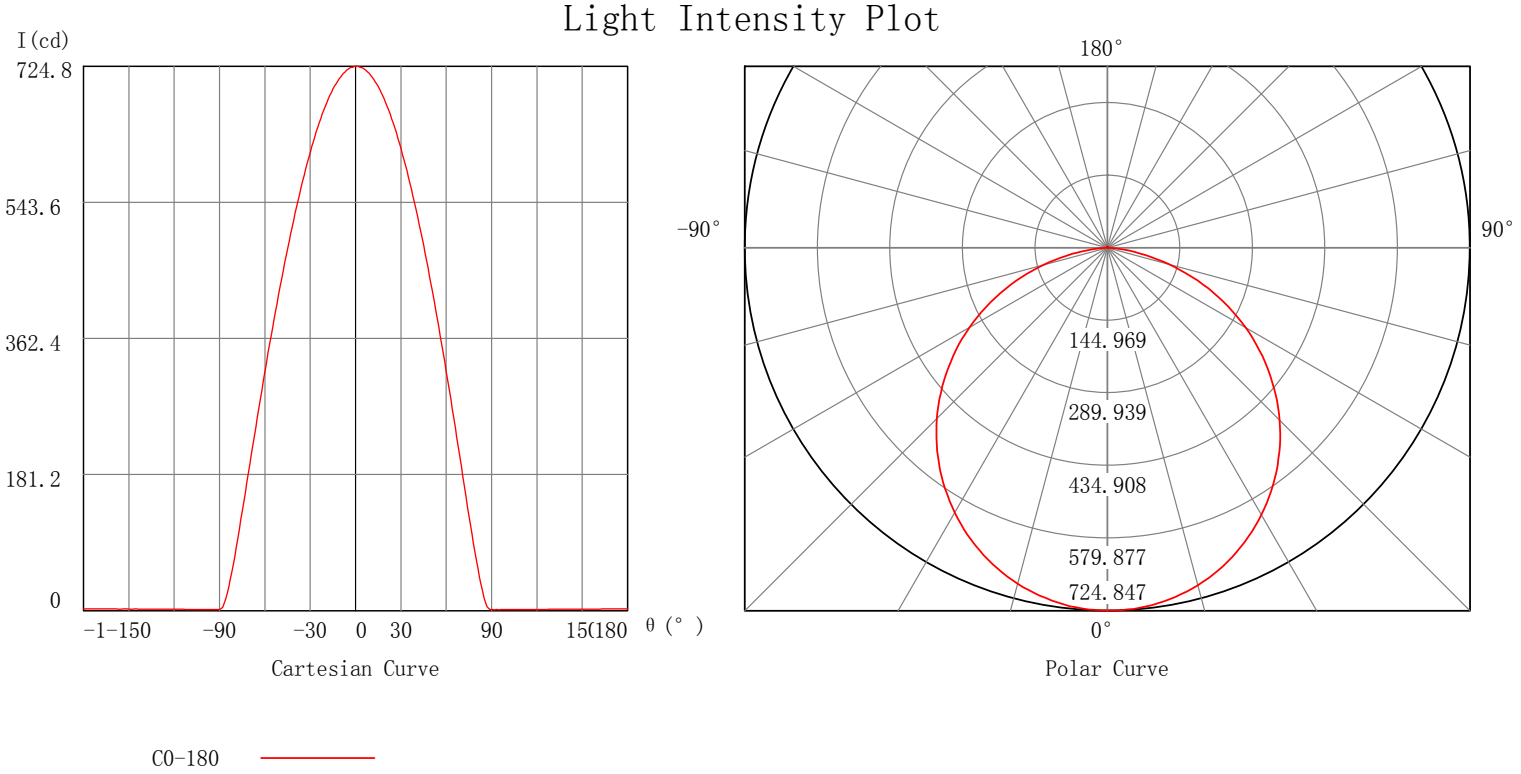
Lumens: 2063.052 lm

Lumen-Effic: 114.170 lm/W

90 Deg.Lumens: 1110.554 lmW

120 Deg.Lumens: 1632.813 lm

Light Intensity Plot



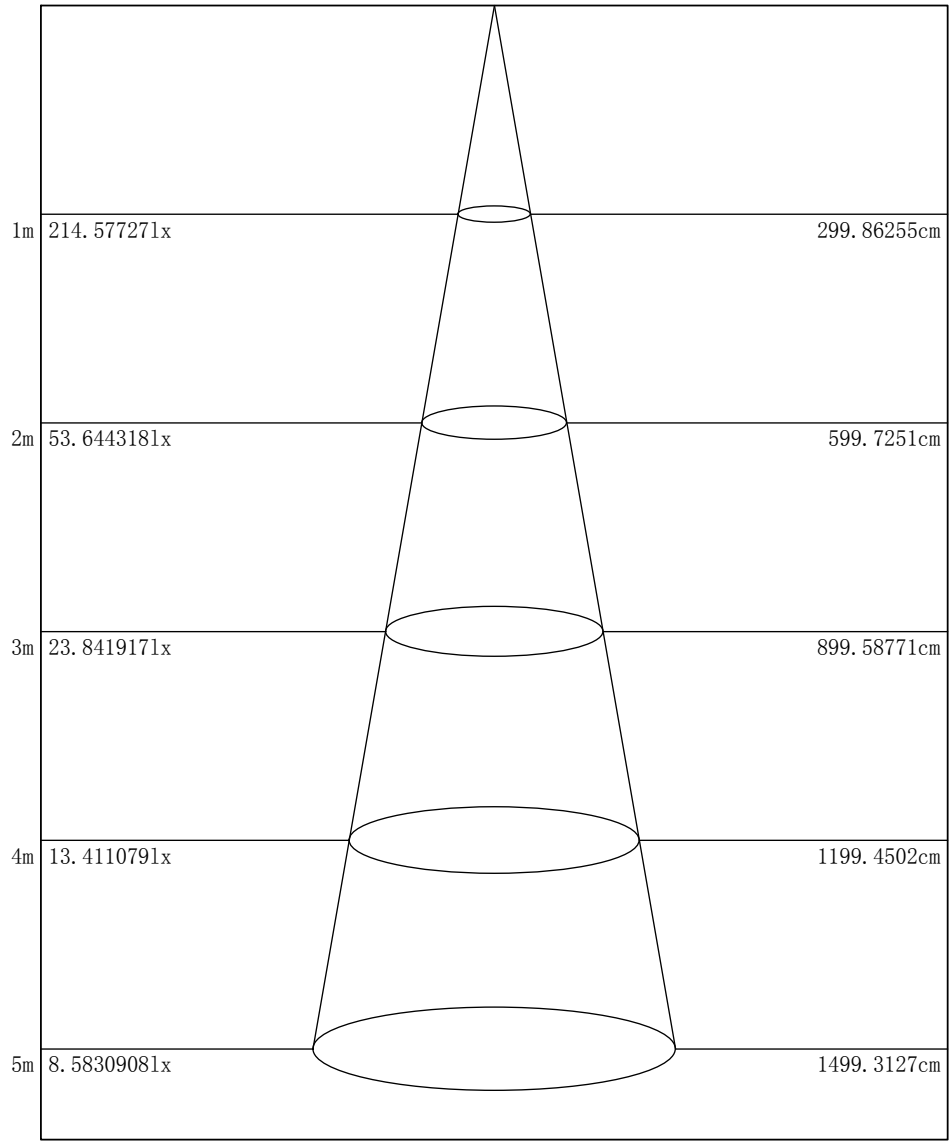
Tabulator: _____

Verifier: _____

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Lux-Distance Diagram

Luminous Flux: 1515.368 lm



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

10%Beam Angle= 159.5(°) 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	2.44	-118.0	1.78	-56.0	365.14	6.0	720.94	68.0	217.71	130.0	1.79
-178.0	2.39	-116.0	1.81	-54.0	387.32	8.0	717.27	70.0	191.67	132.0	1.80
-176.0	2.42	-114.0	1.78	-52.0	409.51	10.0	712.95	72.0	165.58	134.0	1.84
-174.0	2.47	-112.0	1.69	-50.0	431.05	12.0	707.47	74.0	139.77	136.0	1.92
-172.0	2.41	-110.0	1.66	-48.0	452.07	14.0	701.34	76.0	114.35	138.0	1.90
-170.0	2.39	-108.0	1.70	-46.0	472.28	16.0	693.84	78.0	89.74	140.0	1.90
-168.0	2.46	-106.0	1.68	-44.0	491.98	18.0	685.43	80.0	66.32	142.0	1.96
-166.0	2.44	-104.0	1.61	-42.0	511.02	20.0	676.33	82.0	44.79	144.0	2.02
-164.0	2.35	-102.0	1.60	-40.0	529.42	22.0	665.96	84.0	25.84	146.0	1.97
-162.0	2.33	-100.0	1.65	-38.0	547.10	24.0	654.66	86.0	10.76	148.0	2.01
-160.0	2.36	-98.0	1.62	-36.0	564.15	26.0	642.36	88.0	2.84	150.0	2.11
-158.0	2.29	-96.0	1.56	-34.0	580.47	28.0	629.39	90.0	1.40	152.0	2.10
-156.0	2.24	-94.0	1.58	-32.0	596.16	30.0	615.64	92.0	1.36	154.0	2.09
-154.0	2.28	-92.0	1.66	-30.0	610.61	32.0	600.90	94.0	1.38	156.0	2.16
-152.0	2.32	-90.0	1.66	-28.0	624.42	34.0	585.29	96.0	1.38	158.0	2.22
-150.0	2.24	-88.0	4.64	-26.0	637.78	36.0	568.87	98.0	1.41	160.0	2.21
-148.0	2.24	-86.0	15.35	-24.0	650.20	38.0	552.11	100.0	1.39	162.0	2.25
-146.0	2.29	-84.0	31.53	-22.0	661.84	40.0	534.32	102.0	1.38	164.0	2.33
-144.0	2.23	-82.0	50.76	-20.0	671.98	42.0	515.68	104.0	1.43	166.0	2.31
-142.0	2.15	-80.0	72.52	-18.0	681.63	44.0	496.28	106.0	1.47	168.0	2.32
-140.0	2.13	-78.0	95.77	-16.0	690.24	46.0	476.18	108.0	1.45	170.0	2.39
-138.0	2.15	-76.0	120.41	-14.0	698.26	48.0	455.70	110.0	1.45	172.0	2.41
-136.0	2.08	-74.0	144.82	-12.0	704.90	50.0	434.34	112.0	1.51	174.0	2.36
-134.0	2.01	-72.0	170.28	-10.0	710.48	52.0	412.20	114.0	1.56	176.0	2.42
-132.0	2.01	-70.0	195.58	-8.0	715.62	54.0	389.71	116.0	1.55	178.0	2.48
-130.0	2.02	-68.0	220.25	-6.0	719.67	56.0	366.69	118.0	1.58	180.0	2.41
-128.0	1.93	-66.0	245.29	-4.0	722.43	58.0	342.99	120.0	1.64		
-126.0	1.89	-64.0	270.15	-2.0	723.55	60.0	318.71	122.0	1.71		
-124.0	1.91	-62.0	294.60	0.0	724.62	62.0	293.92	124.0	1.66		
-122.0	1.89	-60.0	318.70	2.0	724.61	64.0	268.84	126.0	1.70		
-120.0	1.81	-58.0	342.50	4.0	723.27	66.0	243.42	128.0	1.79		

Tabulator: _____ Verifier: _____