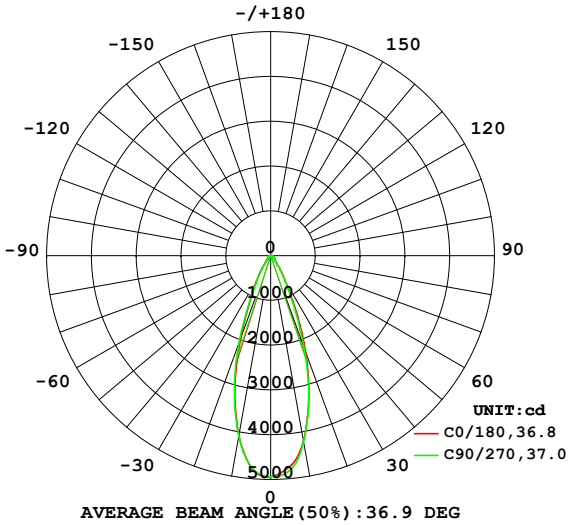
Photometric Filename: HCP-10X2701-4000K RA90 36D WHITE

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:240.3V I:0.1169A P:27.8W PF:0.9910 Freq:49.99Hz UTHDi:0.26% ITHDi:5.30% KDisp:0.9948 Lamp Flux:2293.21x1 lm		
NAME: HCP-10X2701-4000K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

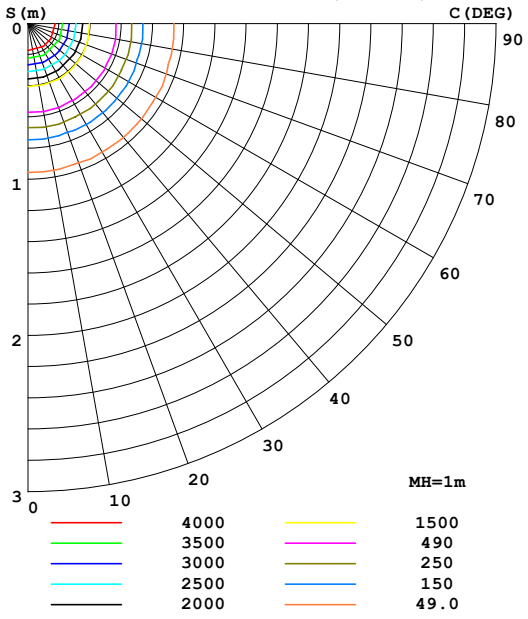
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 82.39 lm/W	
MODEL		Imax(cd)	4950	S/MH(C0/180)	0.57
NOMINAL POWER(W)	29	LOR(%)	100.0	S/MH(C90/270)	0.58
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	2293.2	η UP,DN(C0-180)	0.0,51.6
NOMINAL FLUX(lm)	2293.21	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,48.4
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	240.21	η down(%)	100.0	CIBSE SHR MAX	0.60

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):36.9 DEG

PLANAR ISOLUX DIAGRAM(UNIT:lx)



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-16

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	4215	4272	4228	4146	4084	4080	4100	4143	0- 10	436.1	436.1	19,19
20	2292	2299	2197	2064	1969	1950	2081	2193	10- 20	872.4	1309	57.1,57.1
30	656.6	724.2	670.3	619.0	599.7	571.6	565.6	575.5	20- 30	554.2	1863	81.2,81.2
40	172.1	177.3	160.8	150.2	142.8	143.9	153.1	164.4	30- 40	209.6	2072	90.4,90.4
50	93.51	91.04	85.24	80.92	78.85	80.60	86.78	92.29	40- 50	87.46	2160	94.2,94.2
60	56.85	55.22	52.50	50.69	49.60	50.25	53.33	56.14	50- 60	60.63	2220	96.8,96.8
70	35.83	34.83	32.43	30.38	29.29	29.88	32.56	34.95	60- 70	42.69	2263	98.7,98.7
80	15.93	15.19	13.25	11.62	10.96	11.50	13.45	15.15	70- 80	23.86	2287	99.7,99.7
90	0.2426	0.1102	0.1440	0.1318	0.1528	0.1426	0.1411	0.1203	80- 90	6.254	2293	100,100
100									90-100			
110									100-110			
120									110-120			
130									120-130			
140									130-140			
150									140-150			
160									150-160			
170									160-170			
180									170-180			
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 2120.2 lm

%lum = 92.5%
%lamp = 92.5%

Conical surface Flux(120deg): 2220.4 lm

%lum = 96.8%
%lamp = 96.8%

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-16

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks:

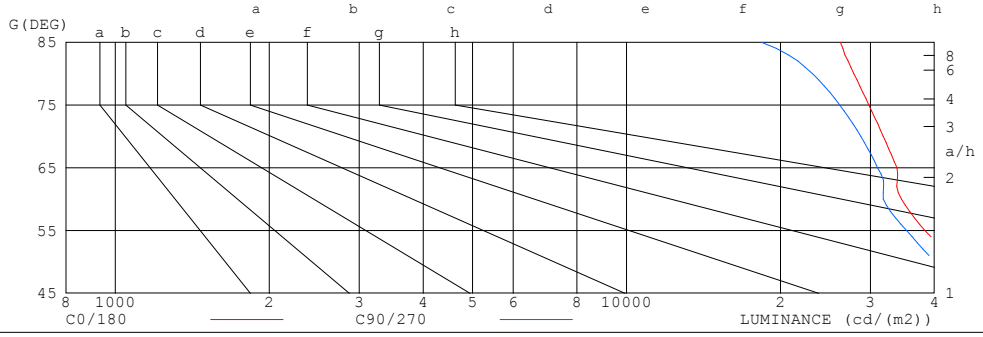
Photometric Filename: HCP-10X2701-4000K RA90 36D WHITE

LUMINANCE LIMITATION CURVES

Test:U:240.3V I:0.1169A P:27.8W PF:0.9910 Freq:49.99Hz **UTHDi:0.26% ITHDi:5.30% KDisp:0.9948 Lamp Flux:2293.21x1 lm**		
NAME: HCP-10X2701-4000K RA90 36D WHITE	**TYPE:**	**WEIGHT:**
SPEC.:	**DIM.:**	**SERIAL No.:**
MFR.: Havit Commercial	**SUR.: 65mm**	**Shielding Angle:**

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	26213	18366
80	27828	23100
75	29783	26111
70	31781	28718
65	33797	30968
60	34499	31799
55	38327	35304
50	44137	40159
45	50390	47283

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-16

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks:

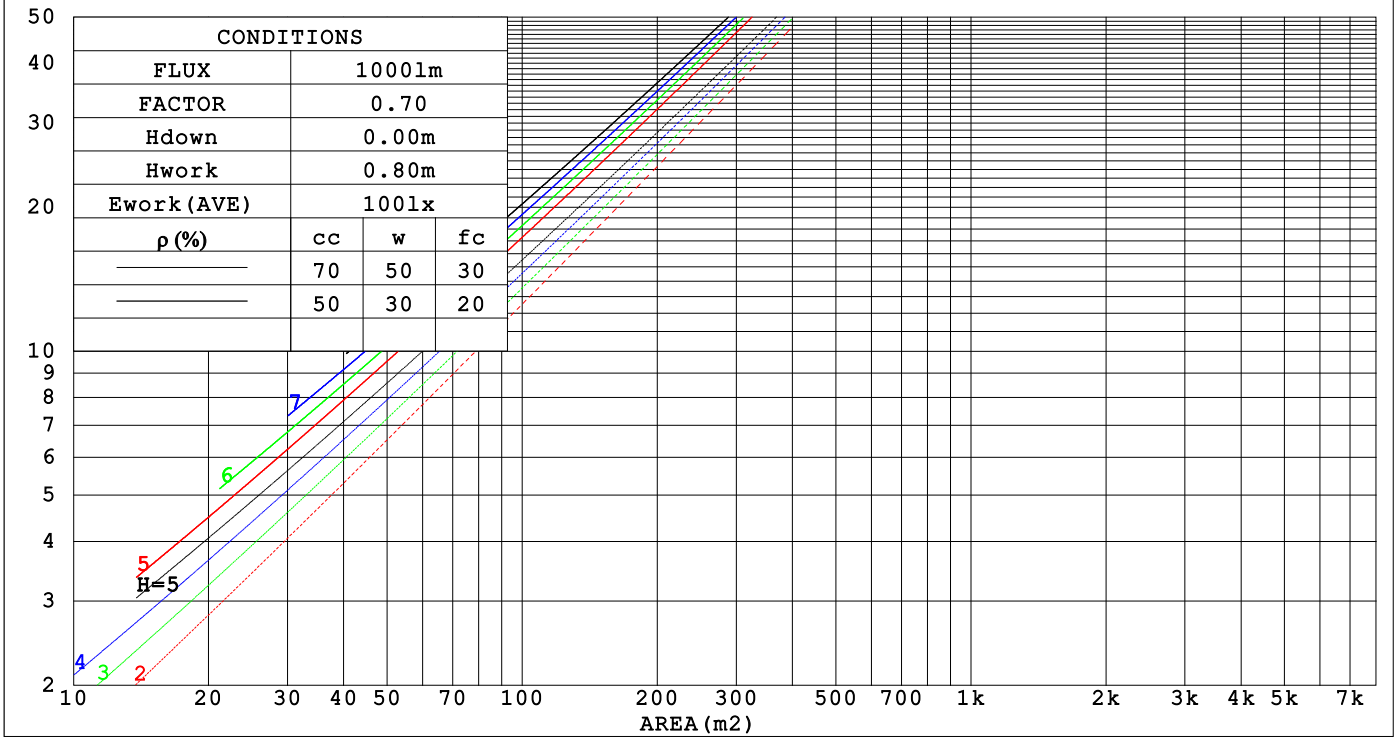
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:240.3V I:0.1169A P:27.8W PF:0.9910 Freq:49.99Hz UTHDi:0.26% ITHDi:5.30% KDisp:0.9948 Lamp Flux:2293.21x1 lm		
NAME: HCP-10X2701-4000K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio			Coefficients of Utilization(CU)												
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1.0	1.11	1.09	1.06	1.09	1.07	1.05	1.05	1.03	1.01	1.01	.00	.98	.98	.97	.96	.94
2.0	1.04	.00	.97	1.02	.99	.96	.99	.96	.93	.96	.94	.91	.93	.91	.90	.88
3.0	.98	.93	.89	.96	.92	.88	.94	.90	.87	.91	.88	.86	.89	.86	.84	.83
4.0	.92	.87	.83	.91	.86	.82	.89	.85	.82	.87	.83	.81	.85	.82	.80	.78
5.0	.87	.82	.78	.86	.81	.78	.84	.80	.77	.83	.79	.76	.81	.78	.76	.74
6.0	.83	.77	.73	.82	.77	.73	.81	.76	.73	.79	.75	.72	.78	.74	.72	.70
7.0	.79	.73	.70	.78	.73	.69	.77	.72	.69	.76	.72	.69	.75	.71	.68	.67
8.0	.75	.70	.66	.75	.70	.66	.74	.69	.66	.73	.69	.66	.72	.68	.65	.64
9.0	.72	.67	.63	.72	.67	.63	.71	.66	.63	.70	.66	.63	.69	.65	.63	.61
10.0	.69	.64	.61	.69	.64	.60	.68	.63	.60	.67	.63	.60	.67	.63	.60	.59

LAMPS

LUMINAIRE BUDGETARY DIAGRAM



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-16

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:240.3V I:0.1169A P:27.8W PF:0.9910 Freq:49.99Hz UTHDi:0.26% ITHDi:5.30% KDisp:0.9948 Lamp Flux:2293.21x1 lm		
NAME: HCP-10X2701-4000K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio			Wall Exitance Coeffcients(WEC)												
0.0																
1.0	.174	.099	.031	.168	.096	.030	.155	.089	.028	.143	.083	.027	.133	.077	.025	
2.0	.164	.090	.028	.158	.087	.027	.148	.082	.026	.138	.077	.024	.129	.073	.023	
3.0	.154	.082	.024	.149	.080	.024	.140	.076	.023	.132	.072	.022	.124	.069	.021	
4.0	.144	.075	.022	.140	.073	.022	.133	.070	.021	.126	.067	.020	.119	.065	.020	
5.0	.136	.069	.020	.133	.068	.020	.126	.066	.019	.120	.063	.019	.114	.061	.018	
6.0	.129	.065	.018	.126	.064	.018	.120	.061	.018	.115	.060	.018	.110	.058	.017	
7.0	.122	.060	.017	.120	.060	.017	.114	.058	.017	.110	.056	.016	.105	.055	.016	
8.0	.116	.057	.016	.114	.056	.016	.109	.055	.016	.105	.053	.015	.101	.052	.015	
9.0	.111	.054	.015	.109	.053	.015	.105	.052	.015	.101	.051	.015	.097	.050	.014	
10.0	.106	.051	.014	.104	.050	.014	.101	.049	.014	.097	.048	.014	.094	.047	.014	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio			Ceiling Cavity Exitance Coefficients(CCEC)												
0.0	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.171	.157	.145	.146	.135	.125	.100	.093	.086	.058	.054	.050	.018	.017	.016	
2.0	.155	.133	.113	.133	.114	.098	.091	.079	.068	.053	.046	.040	.017	.015	.013	
3.0	.142	.114	.091	.122	.098	.079	.084	.068	.055	.048	.040	.033	.016	.013	.011	
4.0	.131	.099	.074	.112	.085	.064	.077	.059	.045	.045	.035	.027	.014	.011	.009	
5.0	.122	.087	.061	.104	.075	.053	.072	.052	.038	.042	.031	.022	.013	.010	.007	
6.0	.114	.077	.051	.098	.067	.045	.067	.047	.032	.039	.028	.019	.013	.009	.006	
7.0	.107	.070	.044	.092	.060	.038	.063	.042	.027	.037	.025	.016	.012	.008	.005	
8.0	.100	.063	.038	.086	.055	.033	.060	.038	.023	.035	.023	.014	.011	.007	.005	
9.0	.095	.058	.033	.082	.050	.028	.057	.035	.020	.033	.021	.012	.011	.007	.004	
10.0	.090	.053	.029	.078	.046	.025	.054	.033	.018	.031	.019	.011	.010	.006	.004	

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-16

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:240.3V I:0.1169A P:27.8W PF:0.9910 Freq:49.99Hz UTHDi:0.26% ITHDi:5.30% KDisp:0.9948 Lamp Flux:2293.21x1 lm		
NAME: HCP-10X2701-4000K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

ceiling/cavity		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
x = 2H	y = 2H	21.1	21.9	21.3	22.1	22.3	20.8	21.7	21.1	21.9	22.0
	3H	22.0	22.8	22.3	23.0	23.2	21.7	22.5	22.0	22.7	22.9
	4H	22.4	23.2	22.7	23.4	23.6	22.1	22.8	22.3	23.0	23.3
	6H	22.8	23.5	23.1	23.7	24.0	22.3	23.1	22.6	23.3	23.5
	8H	22.9	23.6	23.2	23.8	24.1	22.4	23.1	22.7	23.4	23.6
	12H	23.0	23.6	23.3	23.9	24.2	22.5	23.1	22.8	23.4	23.7
4H	2H	21.4	22.1	21.6	22.3	22.6	21.2	21.9	21.4	22.2	22.4
	3H	22.5	23.2	22.8	23.4	23.7	22.3	22.9	22.6	23.2	23.5
	4H	23.1	23.7	23.4	24.0	24.3	22.7	23.4	23.1	23.7	24.0
	6H	23.5	24.1	23.9	24.4	24.7	23.1	23.7	23.5	24.0	24.3
	8H	23.7	24.2	24.1	24.6	24.9	23.3	23.8	23.6	24.1	24.5
	12H	23.8	24.3	24.2	24.7	25.0	23.3	23.8	23.7	24.2	24.5
8H	4H	23.2	23.7	23.6	24.1	24.5	22.9	23.4	23.3	23.8	24.2
	6H	23.8	24.2	24.2	24.6	25.0	23.5	23.9	23.9	24.3	24.7
	8H	24.1	24.4	24.5	24.9	25.3	23.6	24.0	24.1	24.4	24.9
	12H	24.3	24.6	24.7	25.0	25.5	23.8	24.1	24.2	24.5	25.0
12H	4H	23.2	23.7	23.6	24.1	24.4	22.9	23.4	23.4	23.8	24.2
	6H	23.8	24.2	24.3	24.6	25.1	23.5	23.9	23.9	24.3	24.7
	8H	24.1	24.4	24.6	24.9	25.4	23.7	24.0	24.2	24.5	24.9

Variations with the observer position at spacings(CIE Pub.117):		
S = 1.0H	+ 0.5 / - 0.5	+ 0.5 / - 0.6
1.5H	+ 0.9 / - 0.3	+ 0.9 / - 0.5
2.0H	+ 0.5 / - 0.4	+ 0.5 / - 0.5

CIE Pub.117, 2293 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 2.9)
Area: 0.0033 m2

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-16

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks:

Photometric Filename: HCP-10X2701-4000K RA90 36D WHITE

UTILIZATION FACTORS TABLE

Test:U:240.3V I:0.1169A P:27.8W PF:0.9910 Freq:49.99Hz UTHDi:0.26% ITHDi:5.30% KDisp:0.9948 Lamp Flux:2293.21x1 lm		
NAME: HCP-10X2701-4000K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	86	79	75	85	79	75	84	78	75	71
0.80	93	87	83	92	87	83	91	86	82	79
1.00	98	92	88	97	91	88	95	91	87	83
1.25	102	96	93	101	96	92	99	94	91	87
1.50	105	100	96	103	99	95	101	97	94	90
2.00	108	103	100	106	102	99	103	100	97	92
2.50	109	105	102	108	104	101	105	102	99	93
3.00	111	107	104	109	106	103	106	103	101	95
4.00	113	110	108	111	109	106	108	105	104	97
5.00	115	112	110	112	110	109	108	107	105	98
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended					SHRNOM = 1.25	

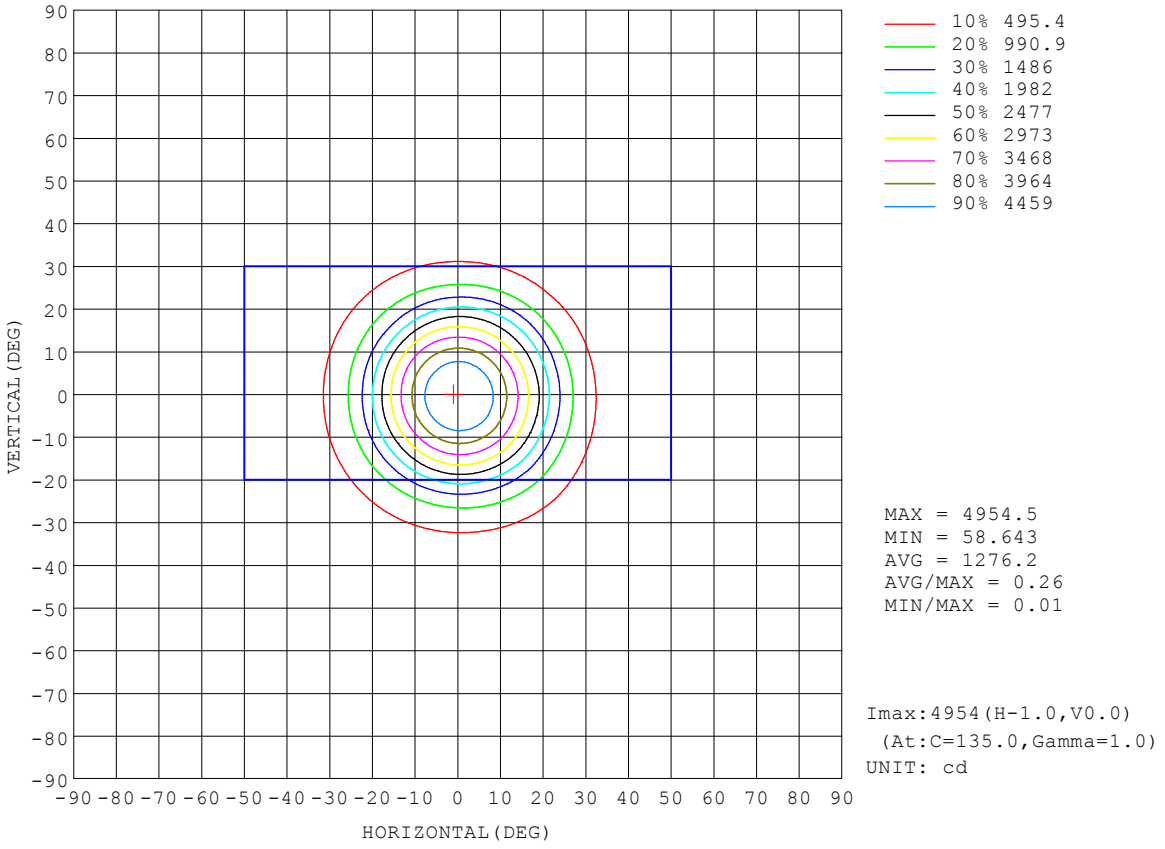
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-16

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks:

Photometric Filename: HCP-10X2701-4000K RA90 36D WHITE

ISOCANDELA DIAGRAM

Test:U:240.3V I:0.1169A P:27.8W PF:0.9910 Freq:49.99Hz UTHDi:0.26% ITHDi:5.30% KDisp:0.9948 Lamp Flux:2293.21x1 lm		
NAME: HCP-10X2701-4000K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-16

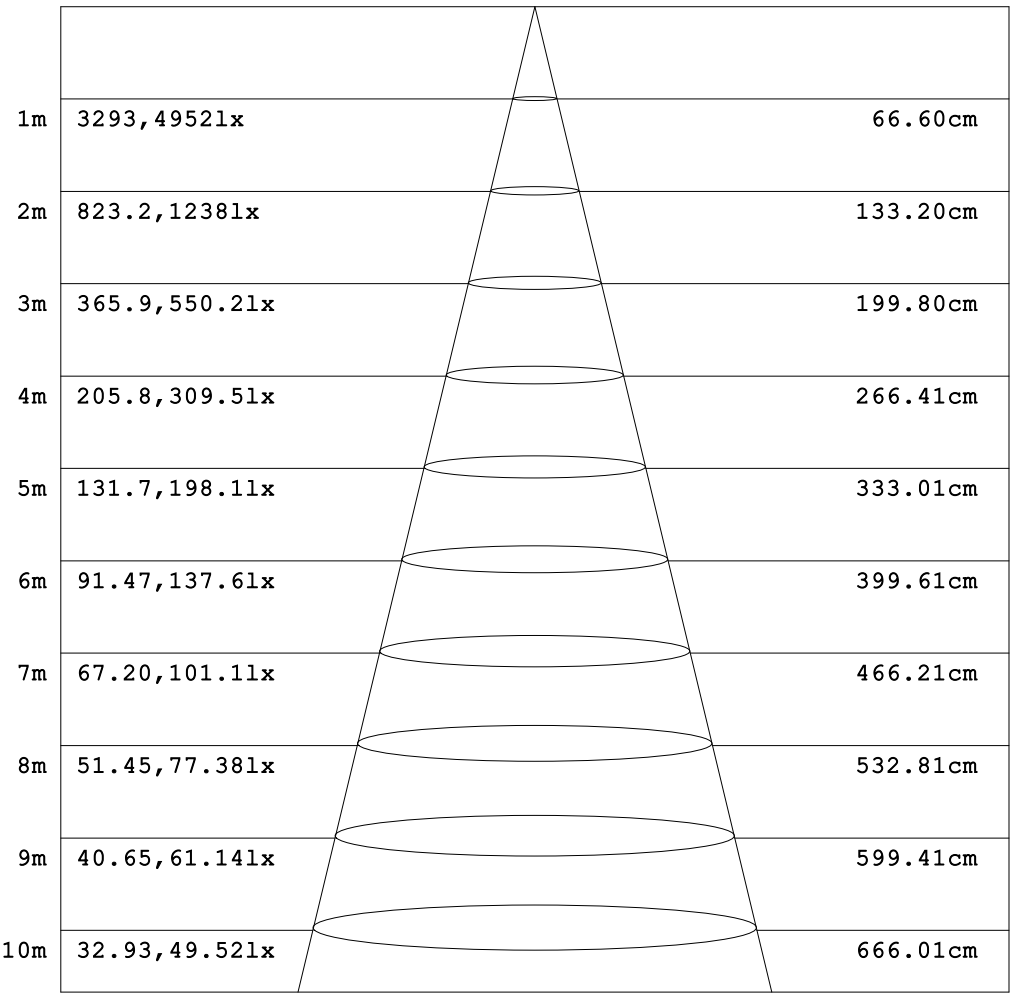
γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks:

Photometric Filename: HCP-10X2701-4000K RA90 36D WHITE

AAI Figure

Test:U:240.3V I:0.1169A P:27.8W PF:0.9910 Freq:49.99Hz UTHDi:0.26% ITHDi:5.30% KDisp:0.9948 Lamp Flux:2293.21x1 lm		
NAME: HCP-10X2701-4000K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

Flux out:1227 lm



Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

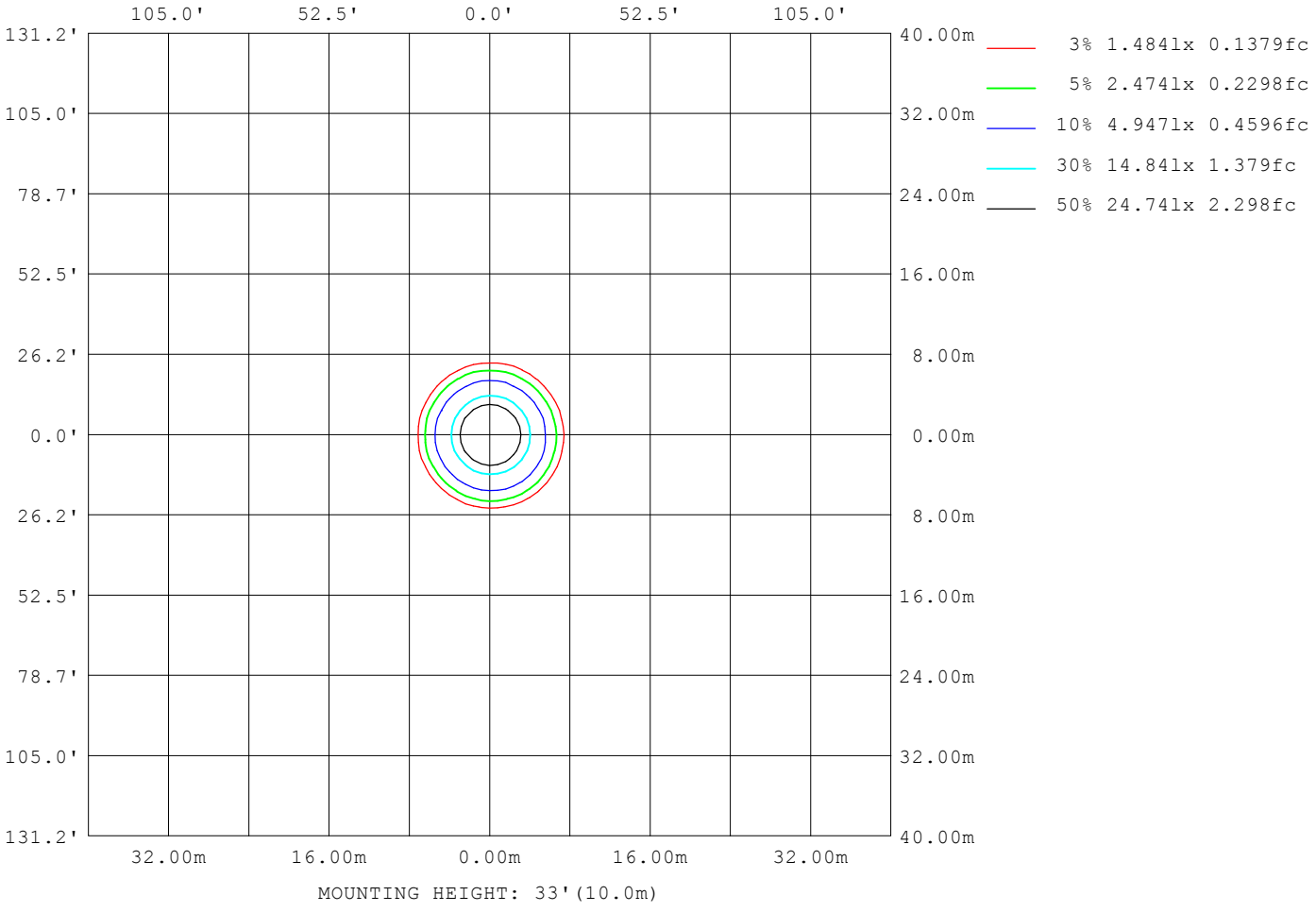
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-16

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks:

Photometric Filename: HCP-10X2701-4000K RA90 36D WHITE

ISOLUX DIAGRAM

Test:U:240.3V I:0.1169A P:27.8W PF:0.9910 Freq:49.99Hz UTHDi:0.26% ITHDi:5.30% KDisp:0.9948 Lamp Flux:2293.21x1 lm		
NAME: HCP-10X2701-4000K RA90 36D WHITE	**TYPE:**	**WEIGHT:**
SPEC.:	**DIM.:**	**SERIAL No.:**
MFR.: Havit Commercial	**SUR.: 65mm**	**Shielding Angle:**



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-16

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:240.3V I:0.1169A P:27.8W PF:0.9910 Freq:49.99Hz UTHDi:0.26% ITHDi:5.30% KDisp:0.9948 Lamp Flux:2293.21x1 lm		
NAME: HCP-10X2701-4000K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

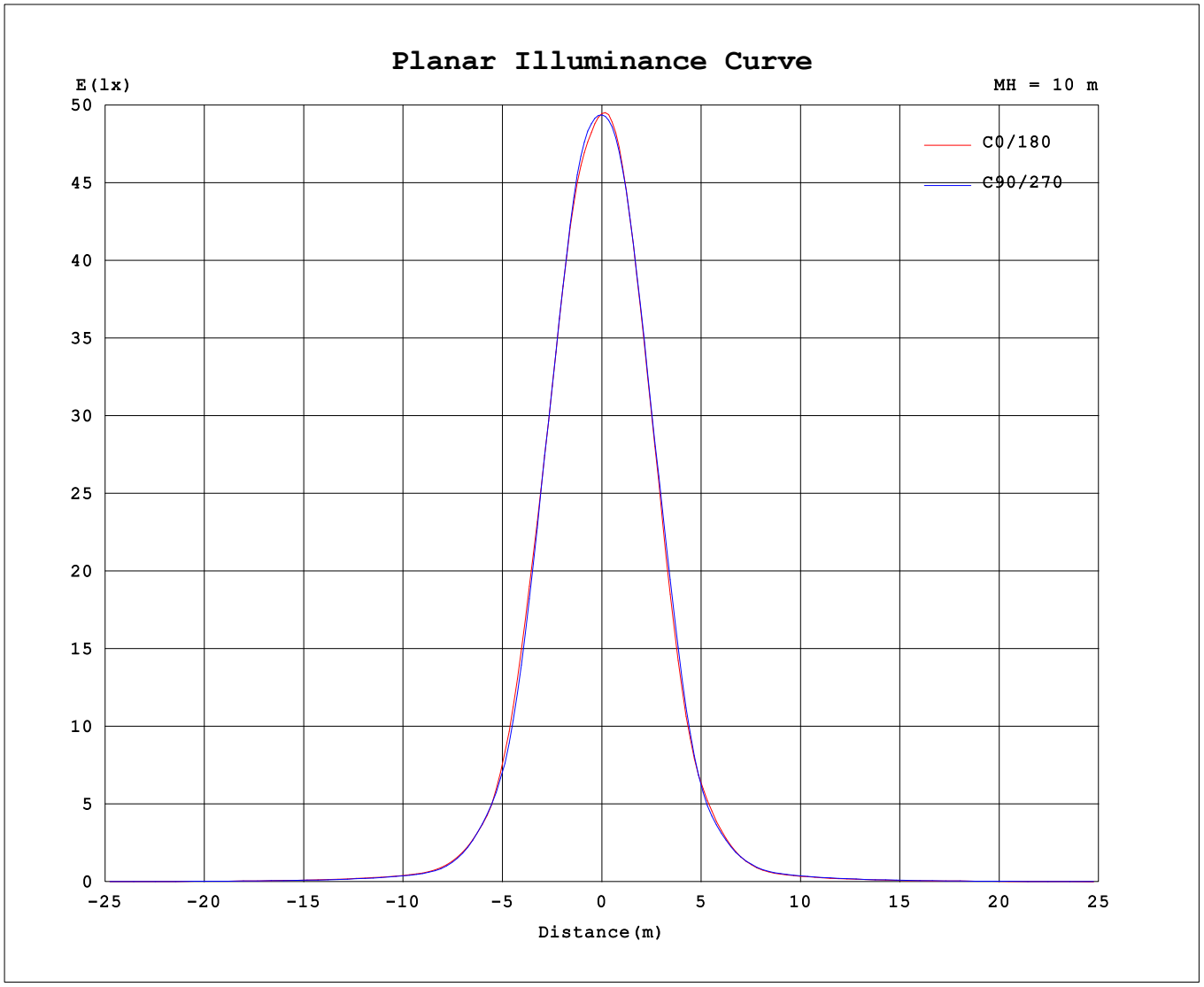
AvgL	cd/m2
L_0~180(65)av	31105
L_0~180(75)av	26404
L_0~180(85)av	18890
L_90~270(65)av	31105
L_90~270(75)av	26239
L_90~270(85)av	18558
L_45(65)av	31112
L_45(75)av	26290
L_45(85)av	18639

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-16

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-16

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks:

Photometric Filename: HCP-10X2701-4000K RA90 36D WHITE

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:240.3V I:0.1169A P:27.8W PF:0.9910 Freq:49.99Hz UTHDi:0.26% ITHDi:5.30% KDisp:0.9948 Lamp Flux:2293.21x1 lm		
NAME: HCP-10X2701-4000K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

Table--1 UNIT: cd

γ (DEG) \ C(DEG)	0	45	90	135	180	225	270	315
0	4941	4941	4941	4941	4941	4941	4941	4941
5	4743	4783	4821	4811	4778	4757	4757	4742
10	4215	4272	4228	4146	4084	4080	4100	4143
15	3289	3358	3294	3171	3106	3118	3140	3196
20	2292	2299	2197	2064	1969	1950	2081	2193
25	1301	1340	1202	1110	1067	1061	1091	1206
30	657	724	670	619	600	572	566	576
35	349	371	338	305	292	287	293	315
40	172	177	161	150	143	144	153	164
45	117	118	110	106	103	104	111	116
50	93.5	91.0	85.2	80.9	78.8	80.6	86.8	92.3
55	72.5	70.3	66.9	63.5	61.4	62.5	67.8	71.9
60	56.9	55.2	52.5	50.7	49.6	50.2	53.3	56.1
65	47.1	45.9	43.2	41.0	39.7	40.3	43.5	46.3
70	35.8	34.8	32.4	30.4	29.3	29.9	32.6	34.9
75	25.4	24.5	22.3	20.5	19.7	20.2	22.5	24.5
80	15.9	15.2	13.2	11.6	11.0	11.5	13.4	15.2
85	7.53	6.87	5.29	3.90	3.34	3.85	5.39	6.82
90	0.24	0.11	0.14	0.13	0.15	0.14	0.14	0.12

C Range: 0 - 360DEG
C Interval: 45.0DEG
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Operators:DAMIN
Test Date:2023-11-16

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks:

Photometric Filename: HCP-10X2701-4000K RA90 36D WHITE

Photometric Data Table [cd]

G/C	0.0	45.0	90.0	135.0	180.0	225.0	270.0	315.0
0.0	4941	4941	4941	4941	4941	4941	4941	4941
3.0	4838	4864	4904	4921	4907	4894	4883	4853
6.0	4682	4724	4753	4718	4674	4654	4667	4660
9.0	4365	4421	4392	4311	4254	4241	4265	4303
12.0	3866	3928	3879	3780	3710	3726	3743	3795
15.0	3289	3358	3294	3171	3106	3118	3140	3196
18.0	2690	2741	2651	2499	2417	2423	2526	2589
21.0	2074	2092	1970	1848	1750	1722	1859	1980
24.0	1477	1497	1367	1267	1208	1203	1254	1385
27.0	994.1	1044	944.4	871.5	848.9	820.2	816.2	895.9
30.0	656.6	724.2	670.3	619.0	599.7	571.6	565.6	575.5
33.0	460.0	494.6	453.5	414.1	397.5	385.0	386.1	406.3
36.0	300.0	319.7	288.9	260.4	248.4	246.9	253.4	274.4
39.0	194.9	205.9	182.4	168.7	159.9	161.1	170.6	183.8
42.0	141.1	143.1	133.1	126.2	121.2	121.8	130.1	137.8
45.0	117.4	117.5	110.4	106.0	103.0	103.5	110.7	115.9
48.0	102.5	101.7	94.63	89.19	86.90	88.98	96.47	101.3
51.0	89.01	86.52	81.15	77.09	75.03	76.61	82.68	87.81
54.0	76.31	73.87	70.28	66.76	64.63	65.68	71.25	75.65
57.0	65.61	63.75	60.41	57.39	55.79	56.88	61.31	65.02
60.0	56.85	55.22	52.50	50.69	49.60	50.25	53.33	56.14
63.0	50.69	49.73	47.70	45.46	44.06	44.76	48.15	50.25
66.0	44.77	43.58	41.04	38.83	37.56	38.21	41.31	43.88
69.0	38.04	36.97	34.55	32.45	31.31	31.93	34.70	37.15
72.0	31.57	30.59	28.27	26.32	25.32	25.91	28.43	30.65
75.0	25.41	24.53	22.32	20.53	19.70	20.22	22.51	24.54
78.0	19.59	18.83	16.73	15.06	14.32	14.89	16.95	18.79
81.0	14.16	13.43	11.54	9.977	9.330	9.899	11.75	13.40
84.0	9.126	8.435	6.776	5.323	4.753	5.285	6.904	8.416
87.0	4.487	3.888	2.467	1.192	0.6186	1.131	2.545	3.837
90.0	0.2426	0.1102	0.1440	0.1318	0.1528	0.1426	0.1411	0.1203

C Range: 0 - 360DEG
C Interval: 45.0DEG
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γ Range: 0 - 90DEG
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Humidity:65.0%
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