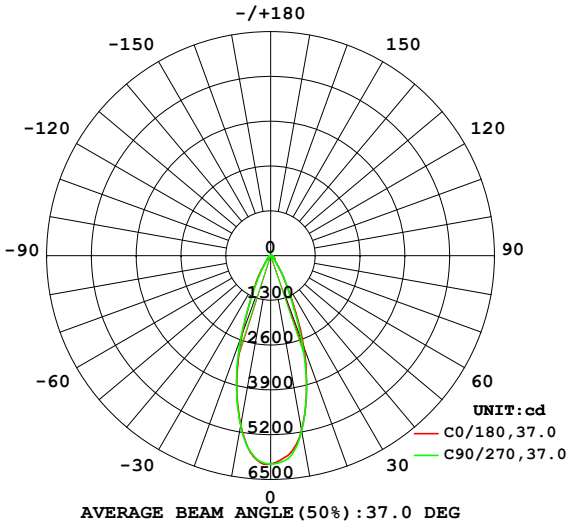
Photometric Filename: HCP-10X2701-5700K RA90 36D WHITE

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:240.3V I:0.1422A P:33.9W PF:0.9930 Freq:49.99Hz UTHDi:0.27% ITHDi:6.79% KDisp:0.9962 Lamp Flux:2810.84x1 lm		
NAME: HCP-10X2701-5700K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

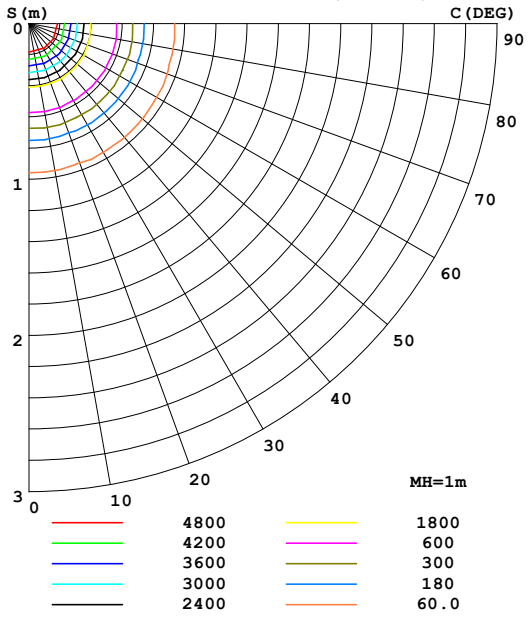
DATA OF LAMP		PHOTOMETRIC DATA Eff: 82.87 lm/W			
MODEL		Imax(cd)	6060	S/MH(C0/180)	0.57
NOMINAL POWER(W)	35	LOR(%)	100.0	S/MH(C90/270)	0.58
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	2810.8	η UP,DN(C0-180)	0.0,51.5
NOMINAL FLUX(lm)	2810.84	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,48.5
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	240.2	η down(%)	100.0	CIBSE SHR MAX	0.60

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):37.0 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:

Photometric Filename: HCP-10X2701-5700K RA90 36D WHITE

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	5165	5229	5175	5079	5008	4998	5026	5078	0- 10	534.2	534.2	19,19
20	2821	2809	2678	2521	2424	2389	2527	2694	10- 20	1069	1603	57,57
30	812.2	883.1	808.0	764.0	745.3	702.1	687.0	712.0	20- 30	679.5	2283	81.2,81.2
40	212.7	220.1	194.9	185.1	176.6	177.3	186.8	202.9	30- 40	257.3	2540	90.4,90.4
50	114.6	111.6	103.7	99.29	97.04	98.43	106.5	112.7	40- 50	107.3	2647	94.2,94.2
60	69.78	67.64	64.23	62.13	60.99	61.68	65.47	68.90	50- 60	74.34	2722	96.8,96.8
70	43.98	42.69	39.69	37.28	36.04	36.69	39.99	42.86	60- 70	52.38	2774	98.7,98.7
80	19.54	18.63	16.19	14.29	13.53	14.15	16.48	18.58	70- 80	29.28	2803	99.7,99.7
90	0.2781	0.1400	0.1821	0.1640	0.1842	0.1779	0.1724	0.1524	80- 90	7.674	2811	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): 2598.7 lm

%lum = 92.5%
%lamp = 92.5%

Conical surface Flux(120deg): 2721.5 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:

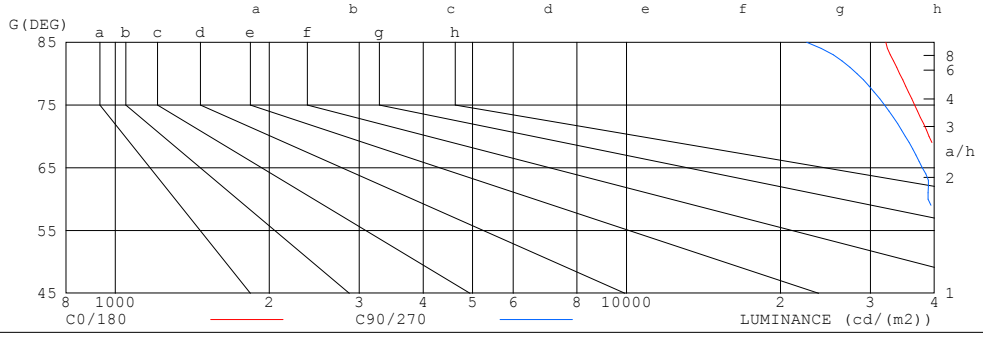
Photometric Filename: HCP-10X2701-5700K RA90 36D WHITE

LUMINANCE LIMITATION CURVES

Test:U:240.3V I:0.1422A P:33.9W PF:0.9930 Freq:49.99Hz **UTHDi:0.27% ITHDi:6.79% KDisp:0.9962 Lamp Flux:2810.84x1 lm**		
NAME: HCP-10X2701-5700K 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	32135	22523
80	34206	28223
75	36623	31963
70	39079	35127
65	41553	37895
60	42415	38886
55	47110	43205
50	54175	48855
45	62083	57707

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-10X2701-5700K RA90 36D WHITE

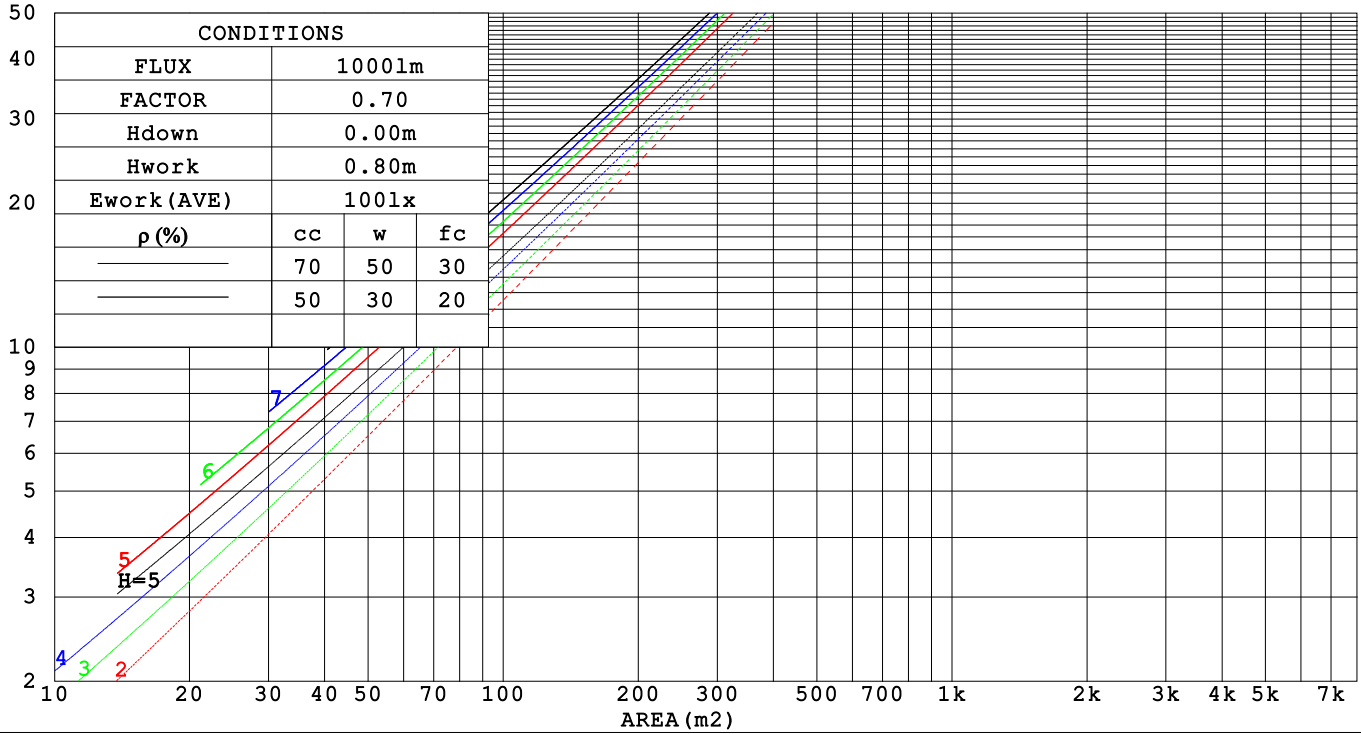
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:240.3V I:0.1422A P:33.9W PF:0.9930 Freq:49.99Hz UTHDi:0.27% ITHDi:6.79% KDisp:0.9962 Lamp Flux:2810.84x1 lm		
NAME: HCP-10X2701-5700K 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	.77	.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:

Photometric Filename: HCP-10X2701-5700K RA90 36D WHITE

WEC AND CCEC

Test:U:240.3V I:0.1422A P:33.9W PF:0.9930 Freq:49.99Hz UTHDi:0.27% ITHDi:6.79% KDisp:0.9962 Lamp Flux:2810.84x1 lm		
NAME: HCP-10X2701-5700K 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	.025	.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	.062	.018	.115	.060	.018	.110	.058	.017	
7.0	.122	.060	.017	.120	.060	.017	.115	.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	.098	.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:

Photometric Filename: HCP-10X2701-5700K RA90 36D WHITE

UGR(Unified Glare Rating) Table

Test:U:240.3V I:0.1422A P:33.9W PF:0.9930 Freq:49.99Hz UTHDi:0.27% ITHDi:6.79% KDisp:0.9962 Lamp Flux:2810.84x1 lm		
NAME: HCP-10X2701-5700K 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	21.8	22.7	22.0	22.8	23.0	21.5	22.4	21.7	22.5	22.7
3H	22.7	23.5	23.0	23.7	23.9	22.4	23.2	22.6	23.4	23.6
4H	23.2	23.9	23.4	24.1	24.3	22.8	23.5	23.0	23.7	23.9
6H	23.5	24.2	23.8	24.4	24.7	23.0	23.7	23.3	24.0	24.2
8H	23.6	24.3	23.9	24.6	24.8	23.1	23.8	23.4	24.0	24.3
12H	23.7	24.4	24.0	24.6	24.9	23.1	23.8	23.5	24.1	24.3
4H 2H	22.1	22.9	22.4	23.1	23.3	21.9	22.6	22.1	22.8	23.1
3H	23.2	23.9	23.6	24.2	24.4	22.9	23.6	23.3	23.9	24.1
4H	23.8	24.4	24.1	24.7	25.0	23.4	24.0	23.8	24.3	24.6
6H	24.3	24.8	24.6	25.1	25.5	23.8	24.4	24.2	24.7	25.0
8H	24.4	24.9	24.8	25.3	25.6	23.9	24.4	24.3	24.8	25.2
12H	24.5	25.0	25.0	25.4	25.8	24.0	24.5	24.4	24.8	25.2
8H 4H	24.0	24.5	24.3	24.8	25.2	23.6	24.1	24.0	24.5	24.8
6H	24.5	25.0	25.0	25.4	25.8	24.1	24.6	24.6	25.0	25.4
8H	24.8	25.2	25.2	25.6	26.0	24.3	24.7	24.8	25.1	25.6
12H	25.0	25.3	25.5	25.7	26.2	24.5	24.8	24.9	25.2	25.7
12H 4H	23.9	24.4	24.4	24.8	25.2	23.6	24.1	24.0	24.5	24.9
6H	24.6	24.9	25.0	25.4	25.8	24.2	24.6	24.6	25.0	25.4
8H	24.9	25.2	25.3	25.6	26.1	24.4	24.7	24.9	25.2	25.6
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.5 / - 0.5					+ 0.5 / - 0.6				
1.5H	+ 1.0 / - 0.4					+ 0.9 / - 0.5				
2.0H	+ 0.5 / - 0.4					+ 0.5 / - 0.5				

CIE Pub.117, 2811 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 3.6)
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-10X2701-5700K RA90 36D WHITE

UTILIZATION FACTORS TABLE

Test:U:240.3V I:0.1422A P:33.9W PF:0.9930 Freq:49.99Hz UTHDi:0.27% ITHDi:6.79% KDisp:0.9962 Lamp Flux:2810.84x1 lm		
NAME: HCP-10X2701-5700K 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	92	101	96	92	99	94	91	87
1.50	105	99	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	

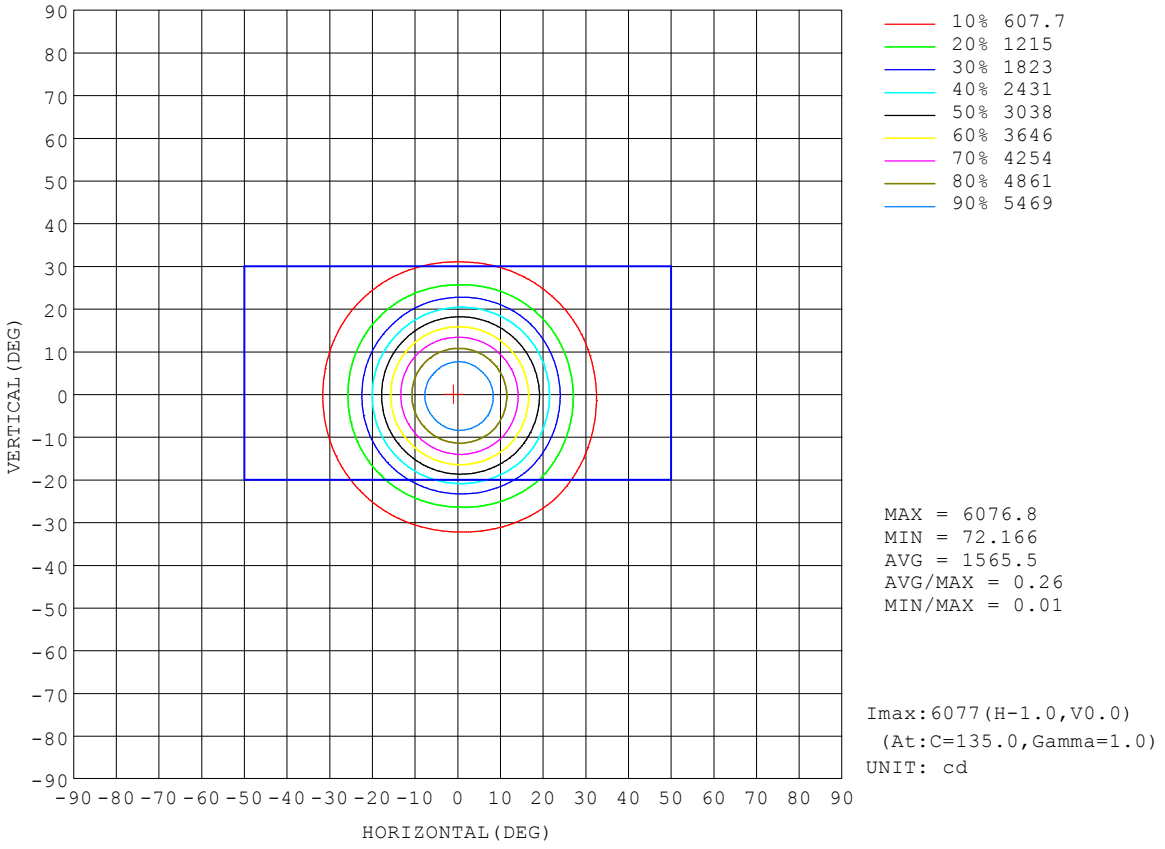
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-16

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-10X2701-5700K RA90 36D WHITE

ISOCANDELA DIAGRAM

Test:U:240.3V I:0.1422A P:33.9W PF:0.9930 Freq:49.99Hz UTHDi:0.27% ITHDi:6.79% KDisp:0.9962 Lamp Flux:2810.84x1 lm		
NAME: HCP-10X2701-5700K 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

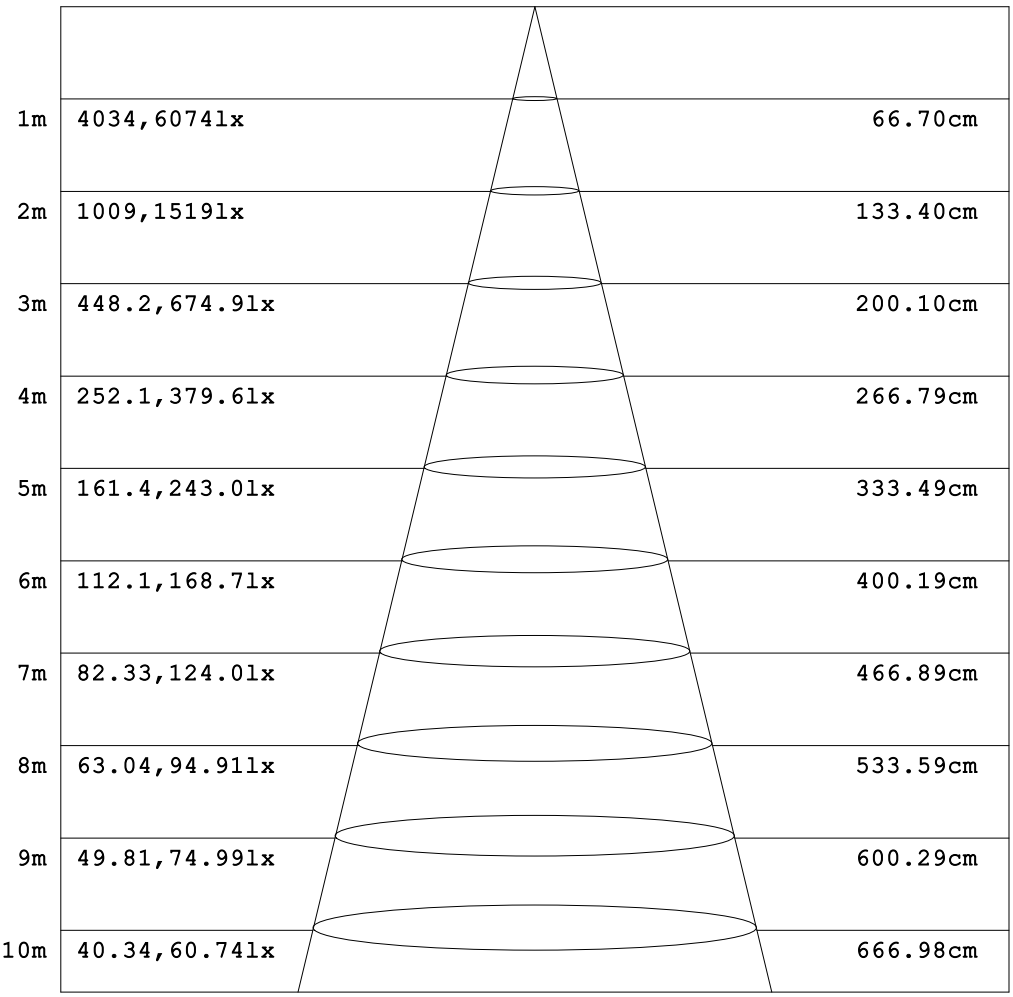
γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks:

Photometric Filename: HCP-10X2701-5700K RA90 36D WHITE

AAI Figure

Test:U:240.3V I:0.1422A P:33.9W PF:0.9930 Freq:49.99Hz UTHDi:0.27% ITHDi:6.79% KDisp:0.9962 Lamp Flux:2810.84x1 lm		
NAME: HCP-10X2701-5700K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

Flux out:1503 lm



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

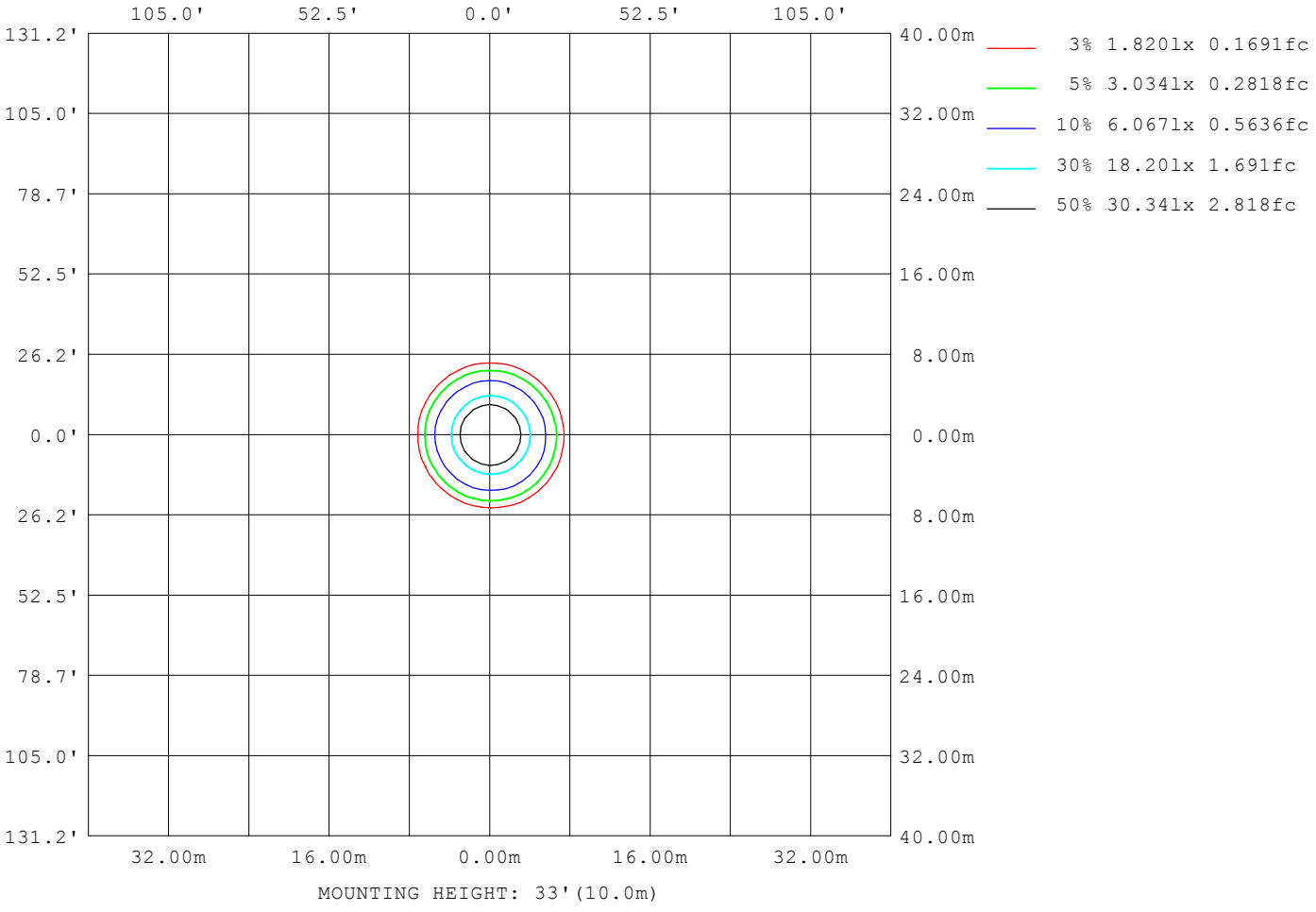
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-16

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-10X2701-5700K RA90 36D WHITE

ISOLUX DIAGRAM

Test:U:240.3V I:0.1422A P:33.9W PF:0.9930 Freq:49.99Hz UTHDi:0.27% ITHDi:6.79% KDisp:0.9962 Lamp Flux:2810.84x1 lm		
NAME: HCP-10X2701-5700K 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:0.1422A P:33.9W PF:0.9930 Freq:49.99Hz UTHDi:0.27% ITHDi:6.79% KDisp:0.9962 Lamp Flux:2810.84x1 lm		
NAME: HCP-10X2701-5700K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

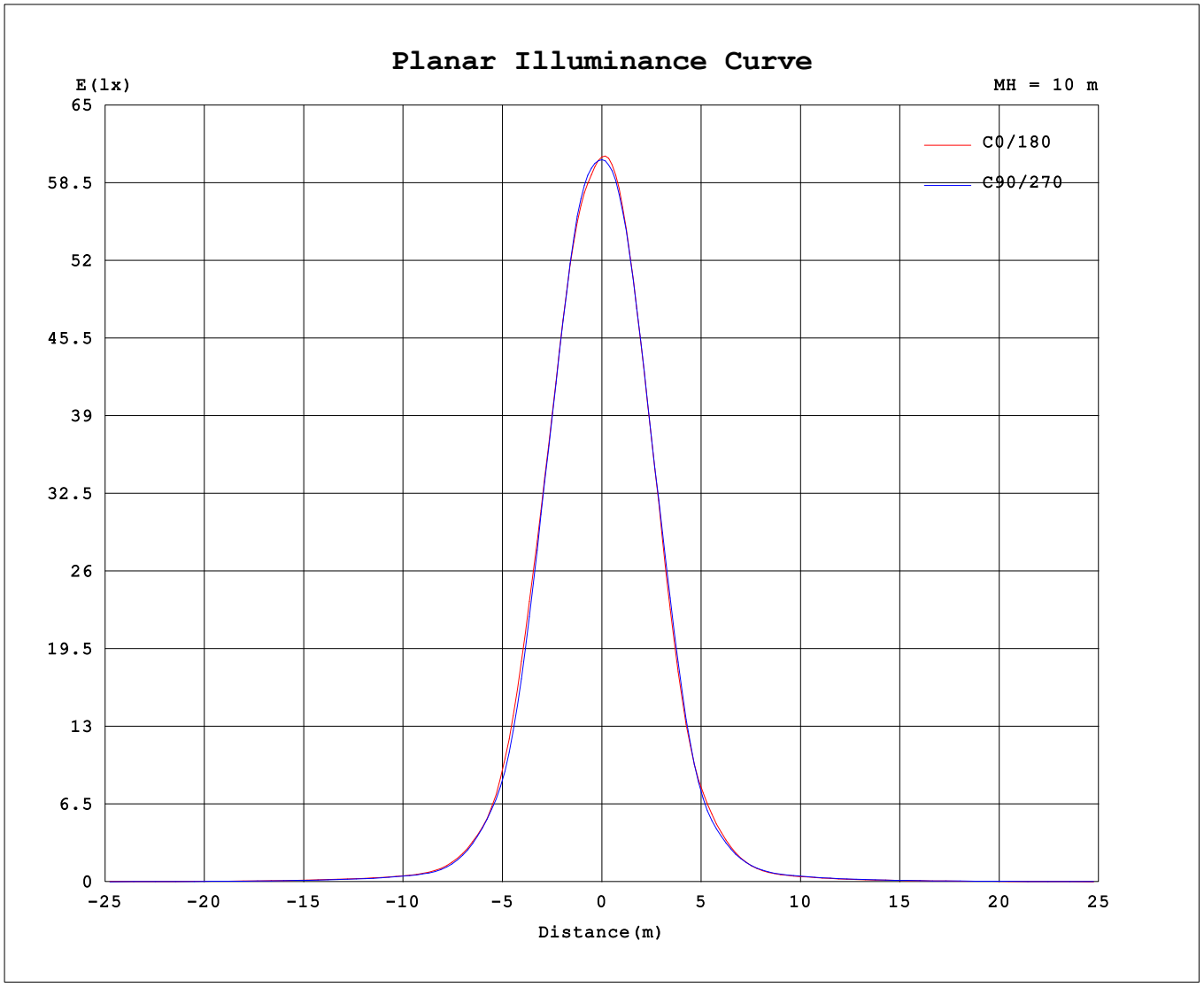
AvgL	cd/m2
L_0~180(65)av	38227
L_0~180(75)av	32439
L_0~180(85)av	23223
L_90~270(65)av	38140
L_90~270(75)av	32149
L_90~270(85)av	22750
L_45(65)av	38169
L_45(75)av	32264
L_45(85)av	22872

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-10X2701-5700K RA90 36D WHITE

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:240.3V I:0.1422A P:33.9W PF:0.9930 Freq:49.99Hz UTHDi:0.27% ITHDi:6.79% KDisp:0.9962 Lamp Flux:2810.84x1 lm		
NAME: HCP-10X2701-5700K 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	6049	6049	6049	6049	6049	6049	6049	6049
5	5817	5855	5902	5887	5851	5826	5825	5804
10	5165	5229	5175	5079	5008	4998	5026	5078
15	4040	4112	4025	3886	3818	3818	3842	3922
20	2821	2809	2678	2521	2424	2389	2527	2694
25	1602	1636	1458	1365	1320	1303	1326	1482
30	812	883	808	764	745	702	687	712
35	432	452	406	378	364	353	355	390
40	213	220	195	185	177	177	187	203
45	144	144	135	130	127	127	136	142
50	115	112	104	99.3	97.0	98.4	107	113
55	88.9	86.1	81.9	77.9	75.5	76.8	83.2	88.3
60	69.8	67.6	64.2	62.1	61.0	61.7	65.5	68.9
65	57.8	56.3	52.9	50.3	48.8	49.6	53.5	56.8
70	44.0	42.7	39.7	37.3	36.0	36.7	40.0	42.9
75	31.2	30.1	27.3	25.2	24.2	24.9	27.6	30.1
80	19.5	18.6	16.2	14.3	13.5	14.1	16.5	18.6
85	9.22	8.41	6.49	4.81	4.14	4.74	6.60	8.35
90	0.28	0.14	0.18	0.16	0.18	0.18	0.17	0.15

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-10X2701-5700K 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	6049	6049	6049	6049	6049	6049	6049	6049
3.0	5924	5955	6004	6023	6009	5992	5982	5943
6.0	5737	5784	5817	5774	5724	5698	5713	5709
9.0	5347	5414	5380	5283	5216	5196	5228	5273
12.0	4736	4810	4743	4633	4554	4568	4583	4653
15.0	4040	4112	4025	3886	3818	3818	3842	3922
18.0	3308	3354	3234	3065	2976	2968	3086	3178
21.0	2553	2551	2400	2265	2155	2112	2262	2436
24.0	1820	1826	1661	1557	1494	1474	1527	1704
27.0	1225	1273	1129	1074	1053	1008	991.1	1086
30.0	812.2	883.1	808.0	764.0	745.3	702.1	687.0	712.0
33.0	569.4	604.1	545.8	512.4	495.6	472.6	468.8	503.1
36.0	372.0	389.9	347.0	322.9	309.5	304.1	307.3	340.1
39.0	241.4	247.4	220.5	211.5	198.4	198.4	210.5	227.3
42.0	174.0	175.2	162.1	155.2	149.6	149.9	159.3	169.6
45.0	144.4	144.1	134.8	130.2	126.8	127.4	135.8	142.4
48.0	126.1	124.6	115.6	109.5	106.9	108.7	118.3	124.5
51.0	108.7	106.1	98.80	94.61	92.31	93.95	101.4	107.1
54.0	93.52	90.56	86.06	81.91	79.52	80.72	87.42	92.43
57.0	80.55	78.13	73.94	70.44	68.62	69.89	75.23	79.81
60.0	69.78	67.64	64.23	62.13	60.99	61.68	65.47	68.90
63.0	62.22	60.96	58.40	55.77	54.22	55.01	59.11	61.66
66.0	54.95	53.40	50.22	47.65	46.23	46.90	50.71	53.82
69.0	46.69	45.34	42.29	39.82	38.54	39.21	42.60	45.56
72.0	38.73	37.50	34.61	32.29	31.18	31.83	34.87	37.64
75.0	31.19	30.09	27.33	25.19	24.22	24.86	27.59	30.09
78.0	24.04	23.05	20.49	18.54	17.65	18.29	20.79	23.03
81.0	17.37	16.45	14.14	12.27	11.52	12.14	14.40	16.43
84.0	11.14	10.34	8.302	6.559	5.881	6.503	8.460	10.31
87.0	5.474	4.759	3.033	1.493	0.8047	1.401	3.106	4.688
90.0	0.2781	0.1400	0.1821	0.1640	0.1842	0.1779	0.1724	0.1524

C Range: 0 - 360DEG
C Interval: 45.0DEG
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γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
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