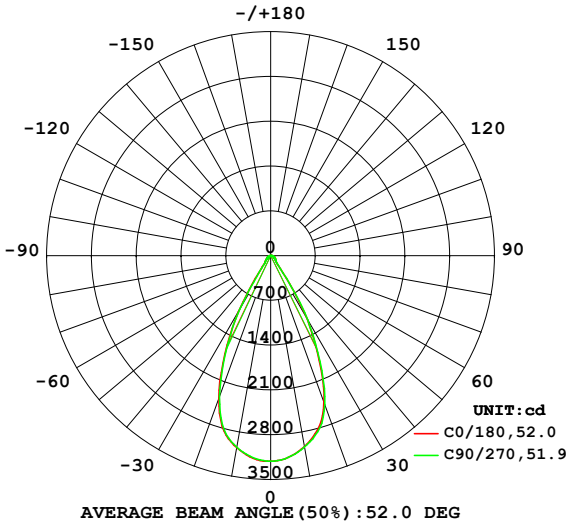
Photometric Filename: HCP-10X2701-5000K RA90 60D WHITE

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:240.3V I:0.1168A P:27.8W PF:0.9911 Freq:49.99Hz UTHDi:0.25% ITHDi:5.72% KDisp:0.9950 Lamp Flux:2390.61x1 lm		
NAME: HCP-10X2701-5000K RA90 60D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

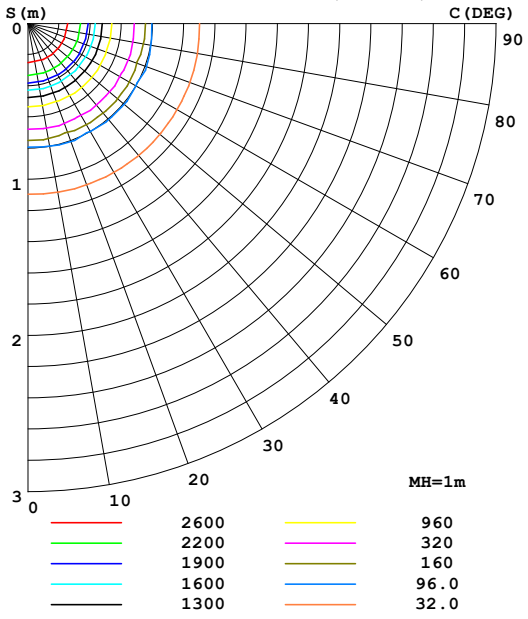
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 85.92 lm/W	
MODEL		Imax(cd)	3215	S/MH(C0/180)	0.78
NOMINAL POWER(W)	29	LOR(%)	100.0	S/MH(C90/270)	0.77
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	2390.6	η UP,DN(C0-180)	0.0,51.6
NOMINAL FLUX(lm)	2390.61	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,48.4
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	240.25	η down(%)	100.0	CIBSE SHR MAX	0.80

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):52.0 DEG

PLANAR ISOLUX DIAGRAM(UNIT:lx)



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-15

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-10X2701-5000K RA90 60D WHITE

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	3031	3038	3038	3047	3050	3046	3043	3036	0- 10	298.4	298.4	12.5,12.5
20	2440	2443	2474	2441	2378	2317	2344	2389	10- 20	781.5	1080	45.2,45.2
30	1141	1178	1165	1115	1017	945.3	962.3	1053	20- 30	787.9	1868	78.1,78.1
40	149.2	155.3	155.5	152.2	146.1	142.9	139.4	143.2	30- 40	277.9	2146	89.8,89.8
50	90.67	93.45	93.61	92.06	90.34	87.39	86.61	87.55	40- 50	89.18	2235	93.5,93.5
60	61.74	63.50	63.84	63.92	62.68	60.82	60.22	60.35	50- 60	66.70	2302	96.3,96.3
70	41.27	42.79	42.62	41.34	38.97	36.99	37.20	38.74	60- 70	51.20	2353	98.4,98.4
80	18.46	19.80	19.23	17.60	15.60	14.34	14.87	16.32	70- 80	29.83	2383	99.7,99.7
90	0.1538	0.1378	0.1527	0.1379	0.1692	0.1722	0.1800	0.1598	80- 90	7.984	2391	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): 2193.5 lm

%lum = 91.8%
%lamp = 91.8%

Conical surface Flux(130deg): 2329.5 lm

%lum = 97.4%
%lamp = 97.4%

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-15

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:

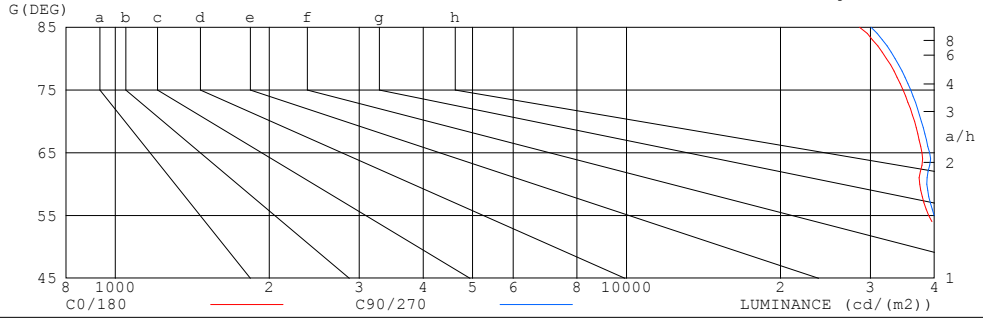
Photometric Filename: HCP-10X2701-5000K RA90 60D WHITE

LUMINANCE LIMITATION CURVES

Test:U:240.3V I:0.1168A P:27.8W PF:0.9911 Freq:49.99Hz **UTHDi:0.25% ITHDi:5.72% KDisp:0.9950 Lamp Flux:2390.61x1 lm**		
NAME: HCP-10X2701-5000K RA90 60D 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	28561	30067
80	32241	33543
75	34736	35972
70	36594	37752
65	37849	39158
60	37442	38678
55	38983	39963
50	42774	44118
45	49415	50457

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-15

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-10X2701-5000K RA90 60D WHITE

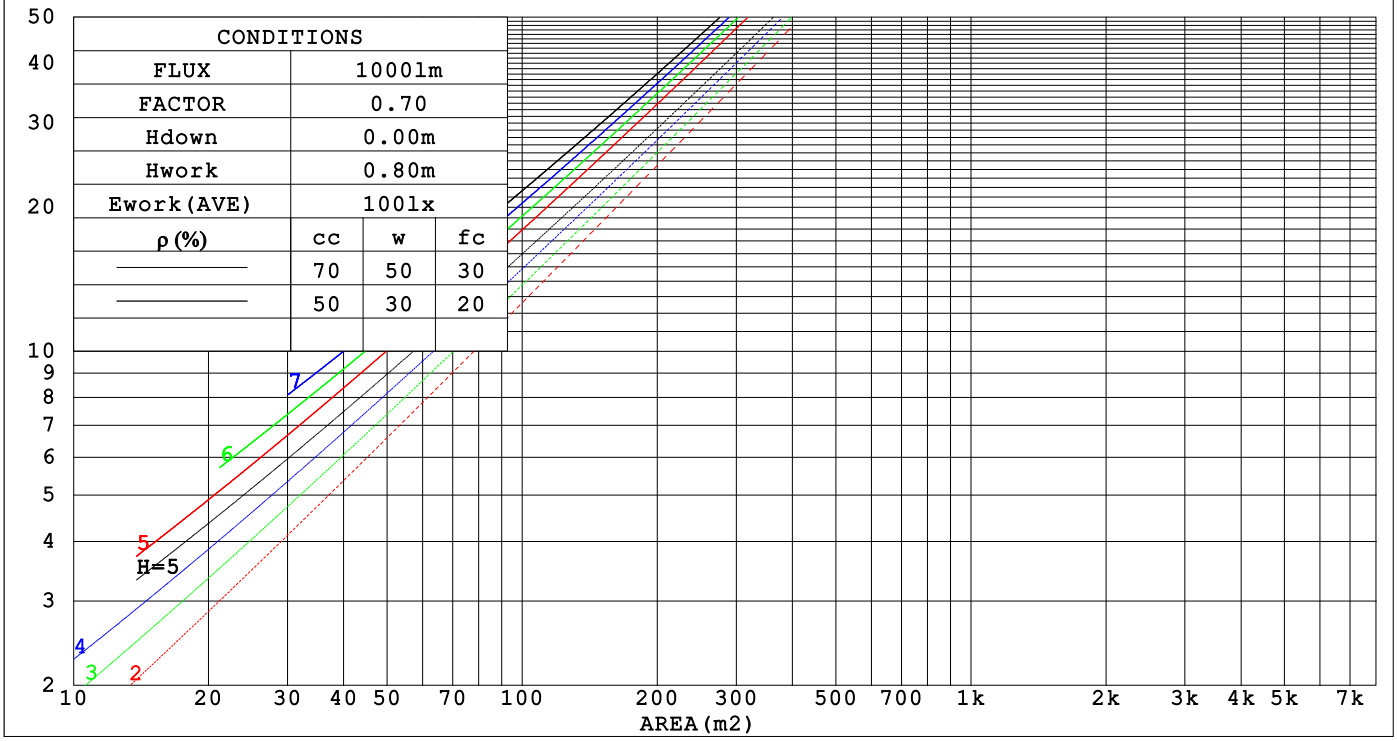
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:240.3V I:0.1168A P:27.8W PF:0.9911 Freq:49.99Hz UTHDi:0.25% ITHDi:5.72% KDisp:0.9950 Lamp Flux:2390.61x1 lm		
NAME: HCP-10X2701-5000K RA90 60D 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	1.10	1.08	1.05	1.08	1.06	1.04	1.04	1.02	1.01	1.00	.99	.98	.97	.96	.95	.93
2.0	1.03	.98	.95	1.01	.97	.94	.98	.95	.92	.95	.92	.90	.92	.90	.88	.86
3.0	.96	.91	.87	.94	.90	.86	.92	.88	.85	.89	.86	.83	.87	.84	.82	.80
4.0	.90	.84	.80	.89	.83	.80	.86	.82	.79	.84	.81	.78	.83	.79	.77	.75
5.0	.84	.79	.74	.83	.78	.74	.82	.77	.73	.80	.76	.73	.78	.75	.72	.71
6.0	.80	.74	.70	.79	.73	.69	.77	.72	.69	.76	.72	.68	.75	.71	.68	.66
7.0	.75	.69	.65	.75	.69	.65	.73	.68	.65	.72	.68	.64	.71	.67	.64	.63
8.0	.71	.66	.62	.71	.65	.61	.70	.65	.61	.69	.64	.61	.68	.64	.61	.59
9.0	.68	.62	.58	.67	.62	.58	.66	.61	.58	.65	.61	.58	.65	.60	.57	.56
10.0	.64	.59	.55	.64	.59	.55	.63	.58	.55	.62	.58	.55	.62	.58	.55	.53

LAMPS

LUMINAIRE BUDGETARY DIAGRAM



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-15

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:0.1168A P:27.8W PF:0.9911 Freq:49.99Hz UTHDi:0.25% ITHDi:5.72% KDisp:0.9950 Lamp Flux:2390.61x1 lm		
NAME: HCP-10X2701-5000K RA90 60D 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	.186	.106	.033	.179	.102	.032	.166	.095	.030	.155	.089	.029	.144	.083	.027	
2.0	.175	.096	.029	.170	.093	.029	.159	.088	.027	.149	.084	.026	.140	.079	.025	
3.0	.165	.088	.026	.160	.086	.026	.151	.082	.025	.143	.078	.024	.135	.075	.023	
4.0	.155	.081	.024	.151	.079	.023	.143	.076	.023	.136	.073	.022	.129	.070	.021	
5.0	.147	.075	.022	.143	.074	.021	.136	.071	.021	.130	.069	.020	.124	.066	.020	
6.0	.139	.070	.020	.136	.069	.020	.130	.067	.019	.125	.065	.019	.119	.063	.019	
7.0	.132	.065	.019	.130	.065	.018	.124	.063	.018	.119	.061	.018	.115	.060	.018	
8.0	.126	.062	.017	.124	.061	.017	.119	.059	.017	.114	.058	.017	.110	.057	.017	
9.0	.120	.058	.016	.118	.058	.016	.114	.056	.016	.110	.055	.016	.106	.054	.016	
10.0	.115	.055	.015	.113	.055	.015	.109	.054	.015	.106	.053	.015	.103	.052	.015	

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	.172	.157	.144	.147	.135	.124	.101	.093	.086	.058	.054	.050	.019	.017	.016	
2.0	.157	.132	.112	.134	.114	.097	.092	.079	.068	.053	.046	.040	.017	.015	.013	
3.0	.144	.114	.089	.124	.098	.077	.085	.068	.054	.049	.040	.032	.016	.013	.010	
4.0	.134	.099	.072	.115	.085	.063	.079	.060	.044	.046	.035	.026	.015	.011	.009	
5.0	.125	.087	.060	.107	.076	.052	.074	.053	.037	.043	.031	.022	.014	.010	.007	
6.0	.117	.078	.050	.101	.067	.043	.069	.047	.031	.040	.028	.018	.013	.009	.006	
7.0	.110	.070	.042	.095	.061	.037	.066	.043	.026	.038	.025	.016	.012	.008	.005	
8.0	.104	.064	.036	.090	.056	.032	.062	.039	.022	.036	.023	.013	.012	.008	.004	
9.0	.099	.059	.032	.085	.051	.028	.059	.036	.020	.034	.021	.012	.011	.007	.004	
10.0	.094	.054	.028	.081	.047	.024	.056	.033	.017	.033	.020	.010	.011	.006	.003	

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-15

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-10X2701-5000K RA90 60D WHITE

UGR(Unified Glare Rating) Table

Test:U:240.3V I:0.1168A P:27.8W PF:0.9911 Freq:49.99Hz UTHDi:0.25% ITHDi:5.72% KDisp:0.9950 Lamp Flux:2390.61x1 lm		
NAME: HCP-10X2701-5000K RA90 60D 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	22.0	23.0	22.3	23.2	23.3	22.2	23.1	22.4	23.3	23.5
3H	22.9	23.8	23.2	24.0	24.2	23.1	24.0	23.4	24.2	24.4
4H	23.4	24.2	23.6	24.4	24.6	23.5	24.4	23.8	24.6	24.8
6H	23.7	24.5	24.0	24.7	25.0	23.9	24.7	24.2	24.9	25.1
8H	23.8	24.6	24.1	24.8	25.1	24.0	24.7	24.3	25.0	25.3
12H	23.9	24.6	24.2	24.9	25.2	24.1	24.8	24.4	25.1	25.3
4H 2H	22.3	23.2	22.6	23.4	23.6	22.5	23.3	22.7	23.5	23.7
3H	23.5	24.2	23.8	24.5	24.7	23.6	24.3	23.9	24.6	24.9
4H	24.0	24.7	24.4	25.0	25.3	24.2	24.8	24.5	25.1	25.4
6H	24.5	25.1	24.9	25.4	25.8	24.7	25.2	25.0	25.6	25.9
8H	24.7	25.2	25.1	25.6	25.9	24.8	25.4	25.2	25.7	26.1
12H	24.8	25.3	25.2	25.7	26.1	25.0	25.5	25.4	25.8	26.2
8H 4H	24.3	24.8	24.7	25.1	25.5	24.4	24.9	24.8	25.3	25.6
6H	24.9	25.3	25.3	25.7	26.1	25.0	25.4	25.4	25.8	26.3
8H	25.1	25.5	25.6	25.9	26.4	25.3	25.7	25.7	26.1	26.5
12H	25.3	25.6	25.8	26.1	26.6	25.5	25.8	25.9	26.2	26.7
12H 4H	24.3	24.8	24.7	25.1	25.5	24.4	24.9	24.8	25.2	25.6
6H	24.9	25.3	25.4	25.7	26.2	25.0	25.4	25.5	25.9	26.3
8H	25.2	25.5	25.7	26.0	26.5	25.3	25.7	25.8	26.1	26.6
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.4 / - 0.4					+ 0.4 / - 0.4				
1.5H	+ 0.7 / - 0.3					+ 0.8 / - 0.3				
2.0H	+ 0.3 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117, 2391 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 3.0)
Area: 0.0033 m2

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-15

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-10X2701-5000K RA90 60D WHITE

UTILIZATION FACTORS TABLE

Test:U:240.3V I:0.1168A P:27.8W PF:0.9911 Freq:49.99Hz UTHDi:0.25% ITHDi:5.72% KDisp:0.9950 Lamp Flux:2390.61x1 lm		
NAME: HCP-10X2701-5000K RA90 60D 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	85	79	75	85	78	74	84	78	74	71
0.80	93	86	82	92	86	82	91	86	82	78
1.00	97	91	87	96	91	87	95	91	87	82
1.25	101	96	92	100	95	92	98	94	91	86
1.50	104	99	95	103	98	95	101	97	94	89
2.00	107	103	99	106	102	98	103	100	97	91
2.50	109	105	102	108	104	101	104	101	99	93
3.00	111	107	104	109	106	103	106	103	101	94
4.00	113	110	108	111	108	106	107	105	104	96
5.00	114	112	110	112	110	108	108	107	105	98
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended					SHRNOM = 1.25	

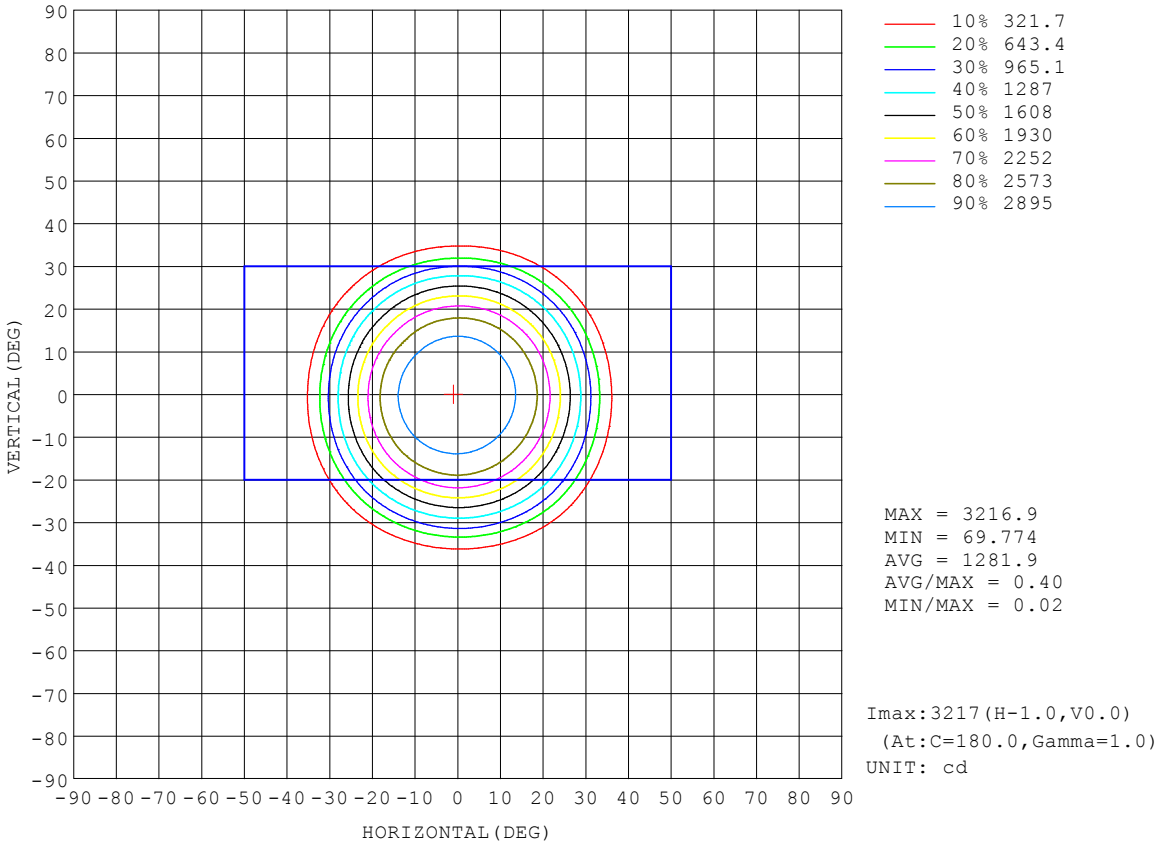
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-15

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-10X2701-5000K RA90 60D WHITE

ISOCANDELA DIAGRAM

Test:U:240.3V I:0.1168A P:27.8W PF:0.9911 Freq:49.99Hz UTHDi:0.25% ITHDi:5.72% KDisp:0.9950 Lamp Flux:2390.61x1 lm		
NAME: HCP-10X2701-5000K RA90 60D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:



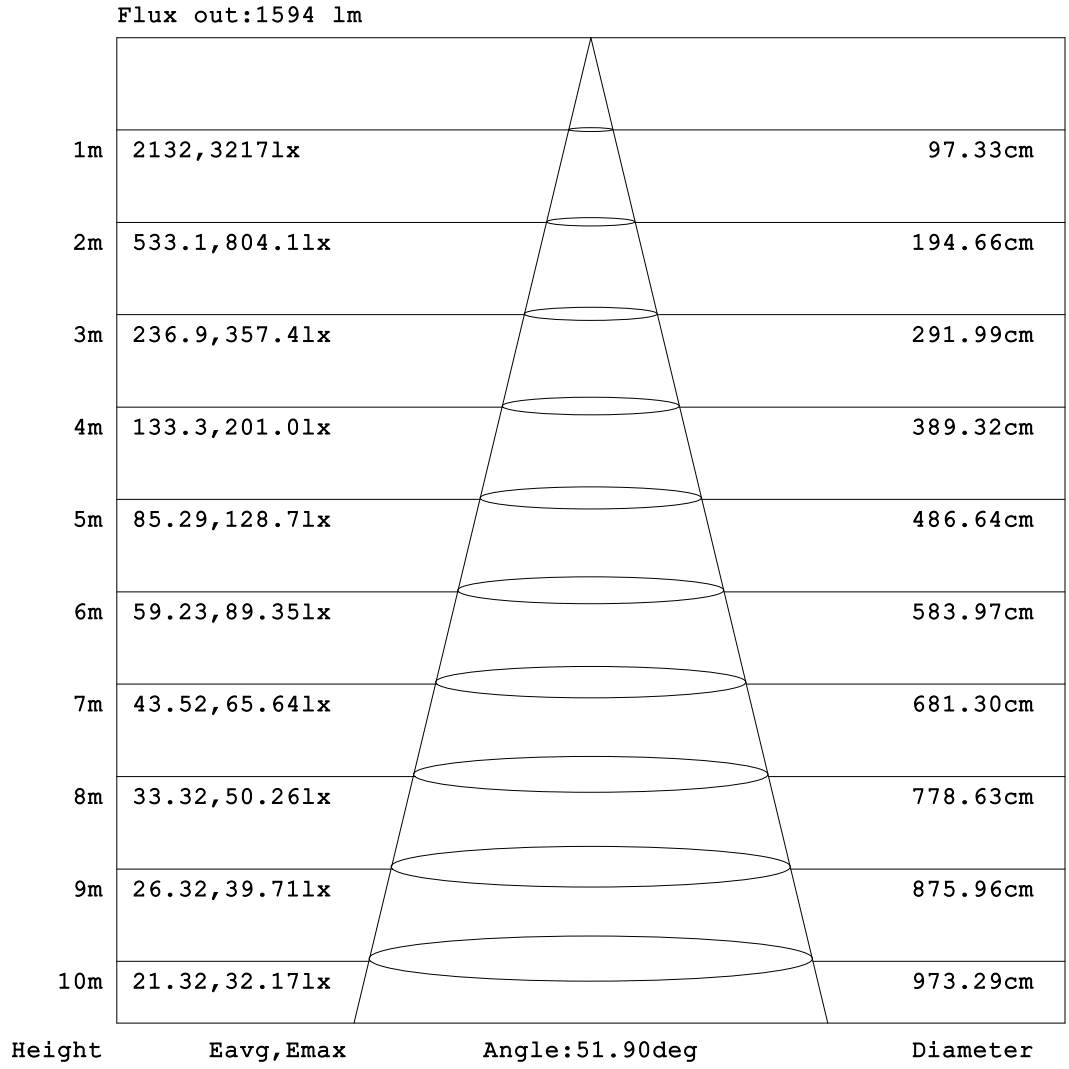
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-15

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-10X2701-5000K RA90 60D WHITE

AAI Figure

Test:U:240.3V I:0.1168A P:27.8W PF:0.9911 Freq:49.99Hz UTHDi:0.25% ITHDi:5.72% KDisp:0.9950 Lamp Flux:2390.61x1 lm		
NAME: HCP-10X2701-5000K RA90 60D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:



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

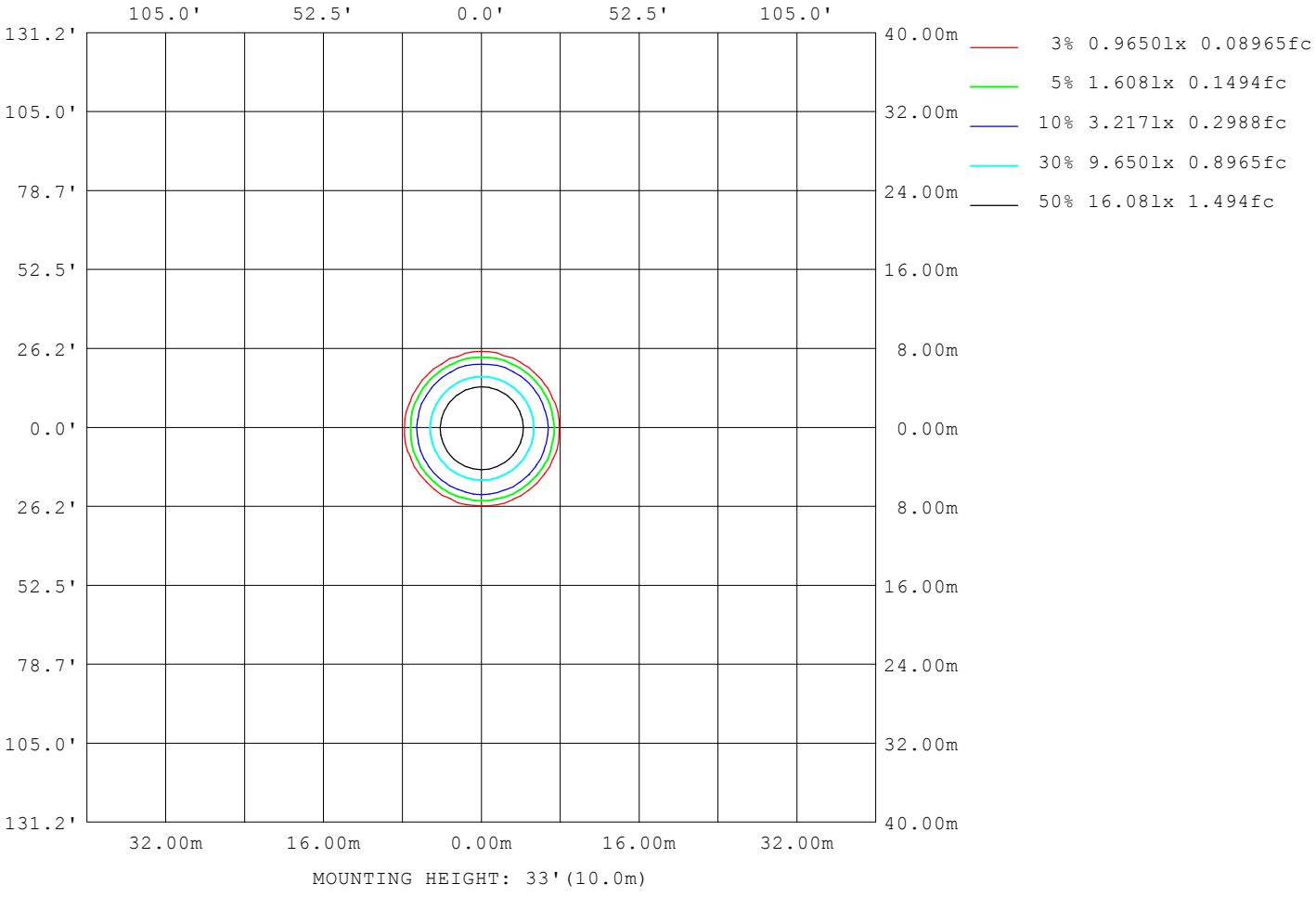
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-15

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-10X2701-5000K RA90 60D WHITE

ISOLUX DIAGRAM

Test:U:240.3V I:0.1168A P:27.8W PF:0.9911 Freq:49.99Hz **UTHDi:0.25% ITHDi:5.72% KDisp:0.9950 Lamp Flux:2390.61x1 lm**		
NAME: HCP-10X2701-5000K RA90 60D 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:2023-11-15

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:0.1168A P:27.8W PF:0.9911 Freq:49.99Hz UTHDi:0.25% ITHDi:5.72% KDisp:0.9950 Lamp Flux:2390.61x1 lm		
NAME: HCP-10X2701-5000K RA90 60D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

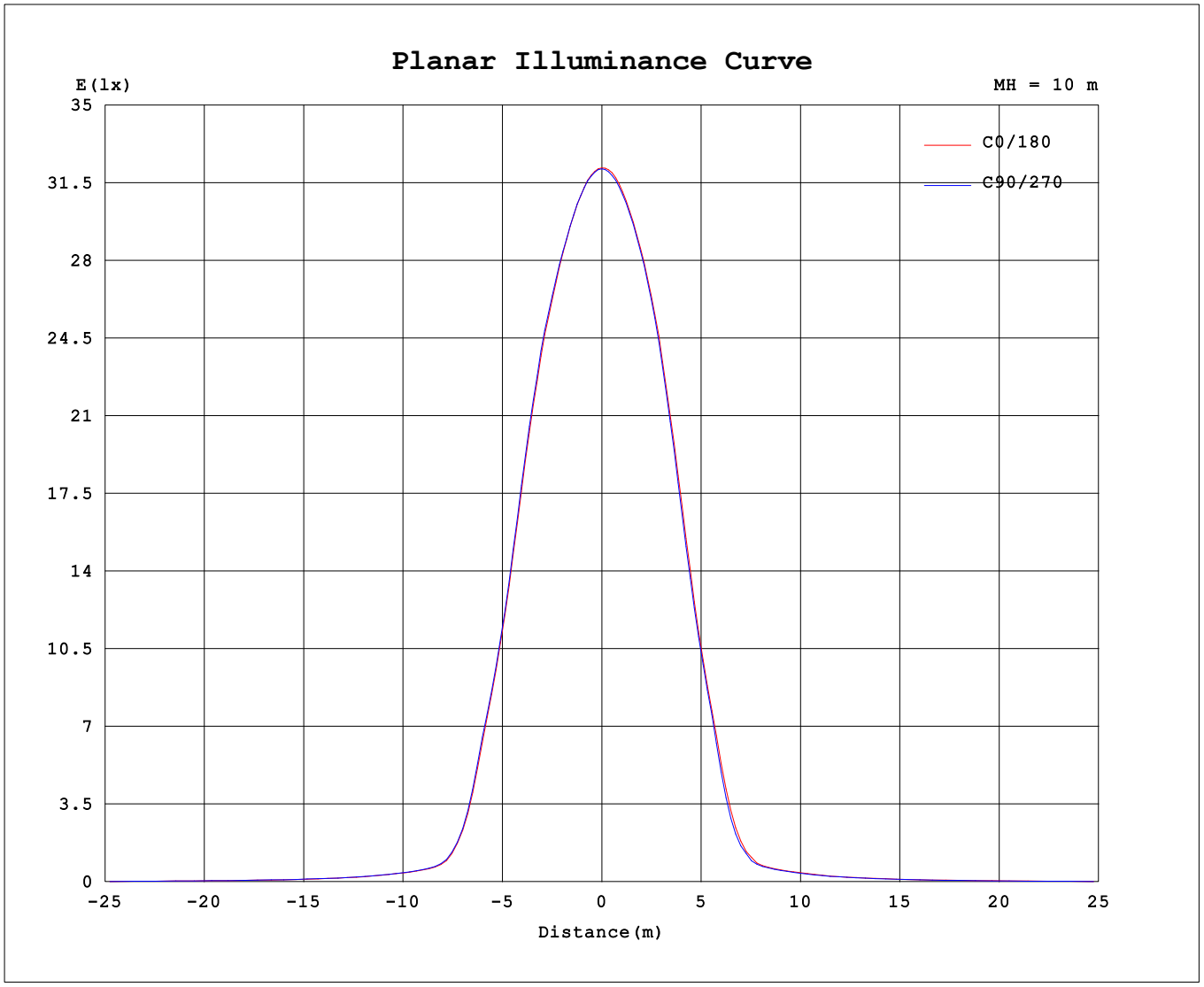
AvgL	cd/m2
L_0~180(65)av	37435
L_0~180(75)av	33056
L_0~180(85)av	23960
L_90~270(65)av	37302
L_90~270(75)av	32970
L_90~270(85)av	24222
L_45(65)av	37338
L_45(75)av	32979
L_45(85)av	24003

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-15

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:2023-11-15

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-10X2701-5000K RA90 60D WHITE

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:240.3V I:0.1168A P:27.8W PF:0.9911 Freq:49.99Hz UTHDi:0.25% ITHDi:5.72% KDisp:0.9950 Lamp Flux:2390.61x1 lm		
NAME: HCP-10X2701-5000K RA90 60D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

Table--1 UNIT: cd

C(DEG) / γ (DEG)	0	45	90	135	180	225	270	315
0	3214	3214	3214	3214	3214	3214	3214	3214
5	3164	3165	3167	3173	3178	3176	3169	3163
10	3031	3038	3038	3047	3050	3046	3043	3036
15	2824	2825	2848	2854	2835	2800	2818	2822
20	2440	2443	2474	2441	2378	2317	2344	2389
25	1794	1821	1823	1789	1696	1626	1658	1715
30	1141	1178	1165	1115	1017	945	962	1053
35	424	466	438	394	336	300	297	345
40	149	155	156	152	146	143	139	143
45	115	118	118	118	116	111	111	113
50	90.7	93.4	93.6	92.1	90.3	87.4	86.6	87.5
55	73.7	75.2	75.7	75.6	74.5	72.4	71.6	71.8
60	61.7	63.5	63.8	63.9	62.7	60.8	60.2	60.3
65	52.7	54.4	54.6	53.8	51.7	49.5	49.4	50.5
70	41.3	42.8	42.6	41.3	39.0	37.0	37.2	38.7
75	29.6	31.2	30.7	29.1	26.8	25.2	25.6	27.2
80	18.5	19.8	19.2	17.6	15.6	14.3	14.9	16.3
85	8.21	9.17	8.65	7.18	5.57	4.75	5.28	6.51
90	0.15	0.14	0.15	0.14	0.17	0.17	0.18	0.16

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-15

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-10X2701-5000K RA90 60D 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	3214	3214	3214	3214	3214	3214	3214	3214
3.0	3196	3194	3195	3200	3206	3202	3197	3195
6.0	3143	3144	3147	3153	3159	3156	3149	3143
9.0	3064	3070	3069	3076	3082	3078	3074	3066
12.0	2959	2963	2974	2983	2980	2965	2970	2964
15.0	2824	2825	2848	2854	2835	2800	2818	2822
18.0	2625	2623	2655	2637	2589	2535	2563	2596
21.0	2333	2335	2361	2332	2250	2189	2209	2265
24.0	1937	1957	1967	1930	1842	1770	1795	1862
27.0	1522	1541	1547	1504	1415	1367	1387	1447
30.0	1141	1178	1165	1115	1017	945.3	962.3	1053
33.0	679.7	738.9	709.8	632.5	546.9	488.0	485.5	567.0
36.0	328.0	359.8	340.0	306.5	259.6	237.2	241.7	270.3
39.0	166.7	179.1	175.1	167.4	156.6	152.6	148.5	154.8
42.0	131.1	134.6	134.6	134.9	132.2	128.7	126.5	127.8
45.0	115.2	118.4	117.8	118.3	116.0	111.3	111.4	112.6
48.0	101.6	104.9	103.7	102.4	99.11	95.63	94.83	96.23
51.0	86.66	88.88	88.97	88.45	86.82	83.83	83.13	84.00
54.0	76.65	78.31	78.60	78.29	77.29	74.89	74.11	74.32
57.0	68.59	70.11	70.66	70.69	69.53	67.38	66.82	66.96
60.0	61.74	63.50	63.84	63.92	62.68	60.82	60.22	60.35
63.0	56.64	58.15	58.70	58.63	57.01	54.73	54.53	55.23
66.0	50.44	52.10	52.17	51.28	49.12	46.99	46.95	48.19
69.0	43.56	45.13	45.05	43.80	41.49	39.46	39.61	41.09
72.0	36.60	38.14	37.84	36.39	34.01	32.16	32.45	34.06
75.0	29.65	31.18	30.73	29.11	26.82	25.20	25.59	27.18
78.0	22.87	24.29	23.75	22.09	19.98	18.55	19.07	20.55
81.0	16.33	17.58	17.02	15.40	13.48	12.30	12.84	14.26
84.0	10.19	11.20	10.66	9.142	7.441	6.551	7.072	8.365
87.0	4.489	5.292	4.797	3.468	2.052	1.349	1.869	3.008
90.0	0.1538	0.1378	0.1527	0.1379	0.1692	0.1722	0.1800	0.1598

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-15

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: