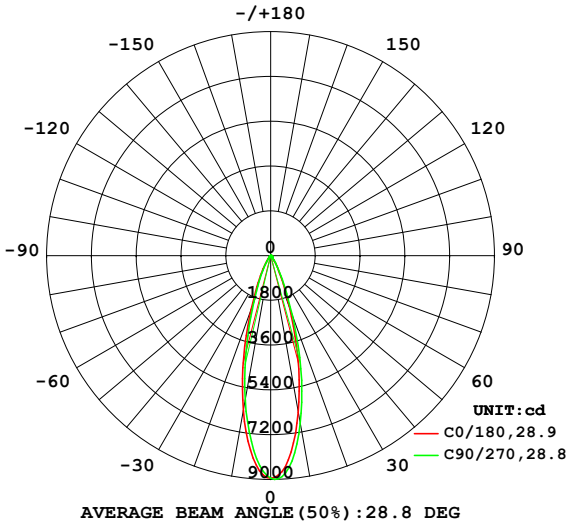
Photometric Filename: HCP-10X2701-4000K RA90 24D WHITE

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:240.3V I:0.1437A P:34.3W PF:0.9931 Freq:49.99Hz UTHDi:0.48% ITHDi:18.87% KDisp:0.9961 Lamp Flux:2798.1x1 lm		
NAME: HCP-10X2701-4000K RA90 24D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

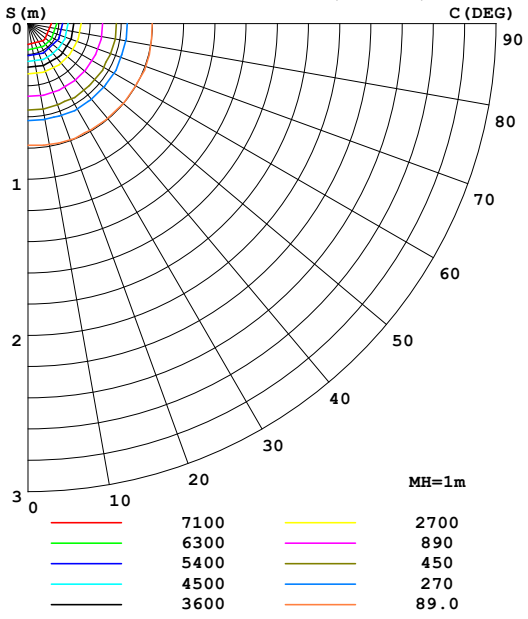
DATA OF LAMP		PHOTOMETRIC DATA Eff: 81.59 lm/W			
MODEL		Imax(cd)	8989	S/MH(C0/180)	0.48
NOMINAL POWER(W)	35	LOR(%)	100.0	S/MH(C90/270)	0.45
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	2798.1	η UP,DN(C0-180)	0.0,52.5
NOMINAL FLUX(lm)	2798.1	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,47.5
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	240.26	η down(%)	100.0	CIBSE SHR MAX	0.50

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):28.8 DEG

PLANAR ISOLUX DIAGRAM(UNIT:lx)



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-14

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	6410	6776	6862	6679	6337	6026	5915	6087	0- 10	723.2	723.2	25.8,25.8
20	2264	2530	2560	2497	2304	2128	2013	2086	10- 20	1147	1870	66.8,66.8
30	540.6	603.0	595.1	642.9	621.2	595.7	526.5	533.3	20- 30	554.2	2424	86.6,86.6
40	135.1	150.9	153.1	158.5	149.8	136.2	126.1	130.1	30- 40	191.5	2616	93.5,93.5
50	73.92	77.00	76.71	75.79	72.58	68.50	66.93	70.28	40- 50	77.15	2693	96.2,96.2
60	41.49	42.83	42.89	42.83	41.46	39.85	39.46	39.72	50- 60	49.03	2742	98,98
70	25.24	26.41	26.42	25.85	24.91	23.63	23.42	23.88	60- 70	32.88	2775	99.2,99.2
80	10.88	11.75	11.63	10.96	10.09	9.167	9.245	9.813	70- 80	18.42	2793	99.8,99.8
90	0.1425	0.1105	0.1457	0.1067	0.1239	0.1249	0.1419	0.1228	80- 90	4.904	2798	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): 2658.7 lm

%lum = 95.0%
%lamp = 95.0%

Conical surface Flux(130deg): 2760.1 lm

%lum = 98.6%
%lamp = 98.6%

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-14

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:

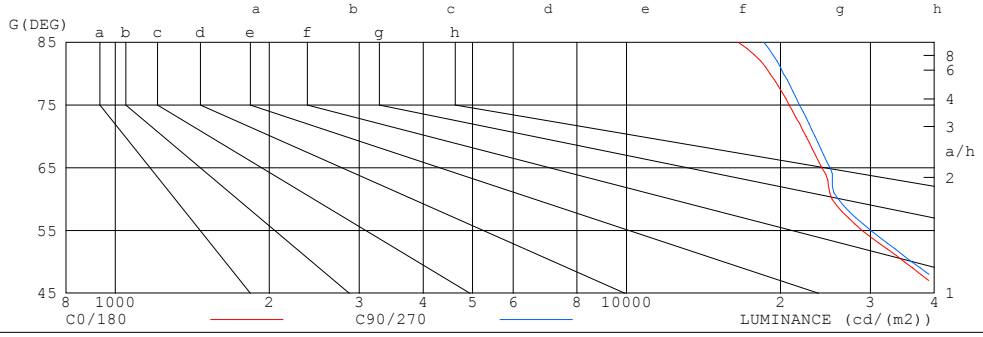
Photometric Filename: HCP-10X2701-4000K RA90 24D WHITE

LUMINANCE LIMITATION CURVES

Test:U:240.3V I:0.1437A P:34.3W PF:0.9931 Freq:49.99Hz **UTHDi:0.48% ITHDi:18.87% KDisp:0.9961 Lamp Flux:2798.1x1 lm**		
NAME: HCP-10X2701-4000K RA90 24D 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	16535	18554
80	19063	20273
75	20806	21783
70	22440	23380
65	24109	25003
60	25233	25961
55	28903	30049
50	34970	36121
45	41999	43631

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-14

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 24D WHITE

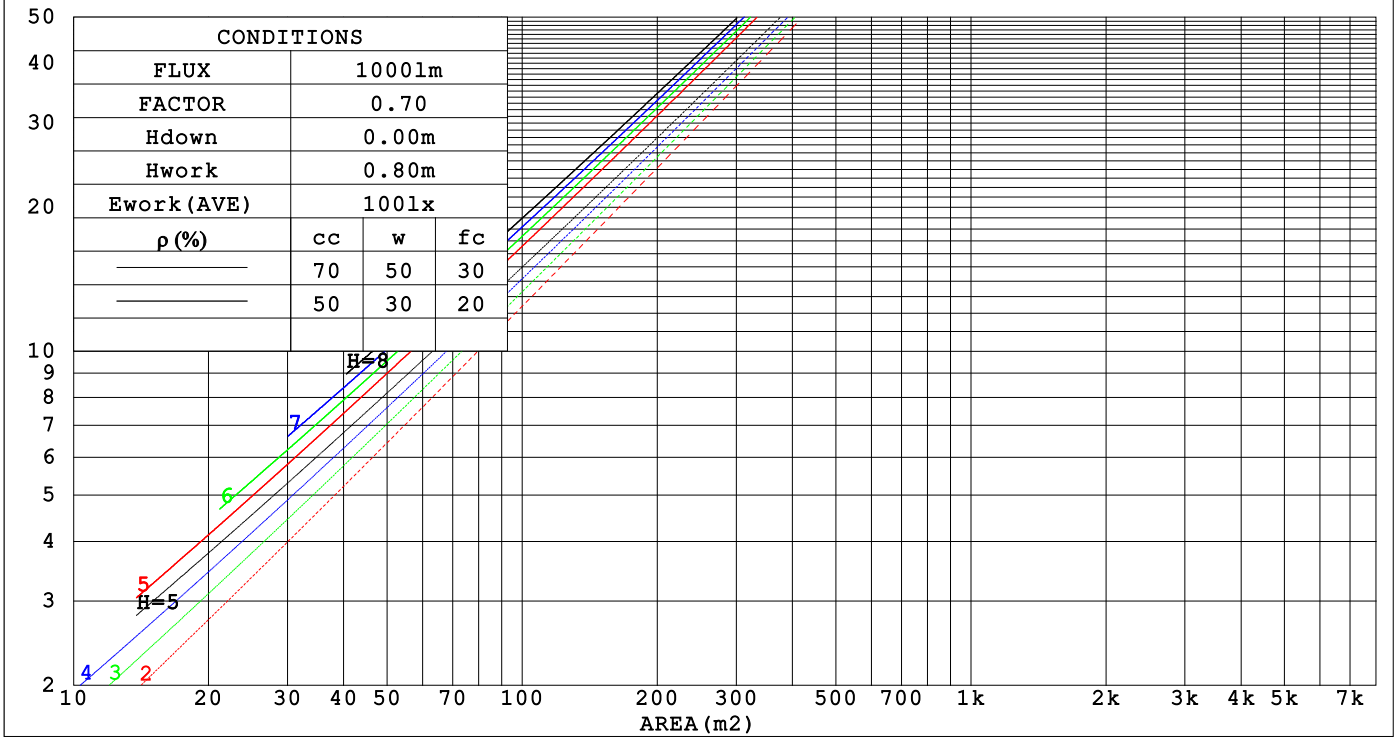
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:240.3V I:0.1437A P:34.3W PF:0.9931 Freq:49.99Hz UTHDi:0.48% ITHDi:18.87% KDisp:0.9961 Lamp Flux:2798.1x1 lm		
NAME: HCP-10X2701-4000K RA90 24D 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	1.12	1.10	1.08	1.10	1.08	1.06	1.06	1.04	1.03	1.02	1.01	.00	.98	.98	.97	.95
2.0	1.05	1.02	.99	1.04	1.00	.98	1.00	.98	.96	.98	.95	.94	.95	.93	.92	.90
3.0	.00	.96	.92	.98	.95	.91	.96	.93	.90	.94	.91	.89	.91	.89	.87	.86
4.0	.95	.90	.87	.94	.89	.86	.92	.88	.85	.90	.87	.84	.88	.85	.83	.82
5.0	.91	.86	.82	.90	.85	.82	.88	.84	.81	.86	.83	.80	.85	.82	.80	.78
6.0	.87	.82	.78	.86	.81	.78	.84	.80	.77	.83	.80	.77	.82	.79	.76	.75
7.0	.83	.78	.75	.82	.78	.75	.81	.77	.74	.80	.77	.74	.79	.76	.73	.72
8.0	.80	.75	.72	.79	.75	.72	.78	.74	.71	.77	.74	.71	.77	.73	.71	.70
9.0	.77	.72	.69	.77	.72	.69	.76	.72	.69	.75	.71	.68	.74	.71	.68	.67
10.0	.74	.70	.66	.74	.69	.66	.73	.69	.66	.72	.69	.66	.72	.68	.66	.65

LAMPS

LUMINAIRE BUDGETARY DIAGRAM



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-14

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 24D WHITE

WEC AND CCEC

Test:U:240.3V I:0.1437A P:34.3W PF:0.9931 Freq:49.99Hz UTHDi:0.48% ITHDi:18.87% KDisp:0.9961 Lamp Flux:2798.1x1 lm		
NAME: HCP-10X2701-4000K RA90 24D 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	.159	.091	.029	.153	.087	.028	.140	.080	.026	.129	.074	.024	.118	.068	.022	
2.0	.149	.082	.025	.143	.079	.024	.133	.074	.023	.123	.069	.022	.114	.065	.020	
3.0	.139	.074	.022	.135	.072	.022	.126	.068	.021	.118	.065	.020	.110	.061	.019	
4.0	.131	.068	.020	.127	.066	.020	.119	.063	.019	.112	.060	.018	.106	.058	.018	
5.0	.123	.063	.018	.120	.062	.018	.113	.059	.017	.107	.057	.017	.102	.054	.016	
6.0	.117	.058	.017	.114	.057	.017	.108	.055	.016	.103	.053	.016	.098	.052	.015	
7.0	.111	.055	.016	.108	.054	.015	.103	.052	.015	.099	.051	.015	.094	.049	.014	
8.0	.105	.051	.014	.103	.051	.014	.099	.049	.014	.095	.048	.014	.091	.047	.014	
9.0	.100	.049	.014	.098	.048	.013	.095	.047	.013	.091	.046	.013	.088	.045	.013	
10.0	.096	.046	.013	.094	.046	.013	.091	.045	.013	.088	.044	.012	.085	.043	.012	

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	.170	.157	.146	.145	.135	.126	.099	.093	.087	.057	.054	.051	.018	.017	.016	
2.0	.153	.133	.115	.131	.114	.100	.090	.079	.070	.052	.046	.041	.017	.015	.013	
3.0	.139	.113	.093	.119	.098	.080	.082	.068	.056	.047	.040	.033	.015	.013	.011	
4.0	.128	.098	.076	.110	.085	.066	.075	.059	.046	.044	.035	.027	.014	.011	.009	
5.0	.118	.086	.063	.101	.075	.055	.070	.052	.039	.040	.031	.023	.013	.010	.008	
6.0	.109	.077	.053	.094	.066	.046	.065	.046	.033	.038	.027	.019	.012	.009	.006	
7.0	.102	.069	.045	.088	.060	.039	.061	.042	.028	.035	.025	.017	.011	.008	.005	
8.0	.096	.062	.039	.082	.054	.034	.057	.038	.024	.033	.022	.014	.011	.007	.005	
9.0	.090	.057	.034	.078	.049	.030	.054	.035	.021	.031	.020	.013	.010	.007	.004	
10.0	.085	.052	.030	.074	.045	.026	.051	.032	.018	.030	.019	.011	.010	.006	.004	

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-14

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 24D WHITE

UGR(Unified Glare Rating) Table

Test:U:240.3V I:0.1437A P:34.3W PF:0.9931 Freq:49.99Hz UTHDi:0.48% ITHDi:18.87% KDisp:0.9961 Lamp Flux:2798.1x1 lm		
NAME: HCP-10X2701-4000K RA90 24D 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	18.8	19.6	19.0	19.7	19.9	19.0	19.8	19.3	20.0	20.1
3H	19.6	20.3	19.8	20.5	20.7	19.8	20.5	20.0	20.7	20.9
4H	19.9	20.6	20.2	20.8	21.0	20.2	20.8	20.4	21.1	21.3
6H	20.2	20.8	20.5	21.1	21.3	20.4	21.1	20.7	21.3	21.6
8H	20.3	20.9	20.6	21.1	21.4	20.5	21.2	20.8	21.4	21.7
12H	20.3	20.9	20.6	21.2	21.5	20.6	21.2	20.9	21.5	21.7
4H 2H	19.1	19.8	19.3	20.0	20.2	19.3	20.0	19.6	20.2	20.4
3H	20.0	20.6	20.4	20.9	21.2	20.2	20.9	20.6	21.1	21.4
4H	20.5	21.1	20.9	21.4	21.7	20.7	21.3	21.1	21.6	21.9
6H	20.9	21.4	21.3	21.7	22.1	21.1	21.6	21.5	21.9	22.3
8H	21.0	21.5	21.4	21.8	22.2	21.3	21.7	21.7	22.1	22.4
12H	21.1	21.5	21.5	21.9	22.3	21.4	21.8	21.8	22.2	22.5
8H 4H	20.7	21.1	21.1	21.5	21.9	20.9	21.3	21.3	21.7	22.0
6H	21.2	21.6	21.6	22.0	22.4	21.4	21.8	21.8	22.2	22.6
8H	21.4	21.7	21.9	22.2	22.6	21.6	22.0	22.1	22.4	22.8
12H	21.6	21.8	22.0	22.3	22.7	21.8	22.1	22.2	22.5	23.0
12H 4H	20.7	21.1	21.1	21.5	21.9	20.9	21.3	21.3	21.6	22.0
6H	21.2	21.6	21.7	22.0	22.4	21.4	21.8	21.9	22.2	22.6
8H	21.5	21.8	21.9	22.2	22.7	21.7	22.0	22.1	22.4	22.9

Variations with the observer position at spacings(CIE Pub.117):		
S = 1.0H	+ 0.5 / - 0.6	+ 0.7 / - 0.7
1.5H	+ 0.8 / - 0.4	+ 1.2 / - 0.5
2.0H	+ 0.7 / - 0.6	+ 0.7 / - 0.6

CIE Pub.117, 2798 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:2023-11-14

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 24D WHITE

UTILIZATION FACTORS TABLE

Test:U:240.3V I:0.1437A P:34.3W PF:0.9931 Freq:49.99Hz UTHDi:0.48% ITHDi:18.87% KDisp:0.9961 Lamp Flux:2798.1x1 lm		
NAME: HCP-10X2701-4000K RA90 24D 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	88	81	77	87	81	77	86	81	77	74
0.80	95	89	85	94	89	85	93	88	85	81
1.00	99	94	90	98	93	90	97	93	89	85
1.25	103	98	94	102	97	94	100	96	93	89
1.50	106	101	98	104	100	97	102	99	96	92
2.00	108	104	101	107	103	100	104	101	99	93
2.50	110	106	103	108	105	102	105	103	100	94
3.00	112	108	105	110	107	104	106	104	102	96
4.00	114	111	109	112	109	107	108	106	105	97
5.00	115	113	111	113	111	109	109	107	106	99
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended					SHRNOM = 1.25	

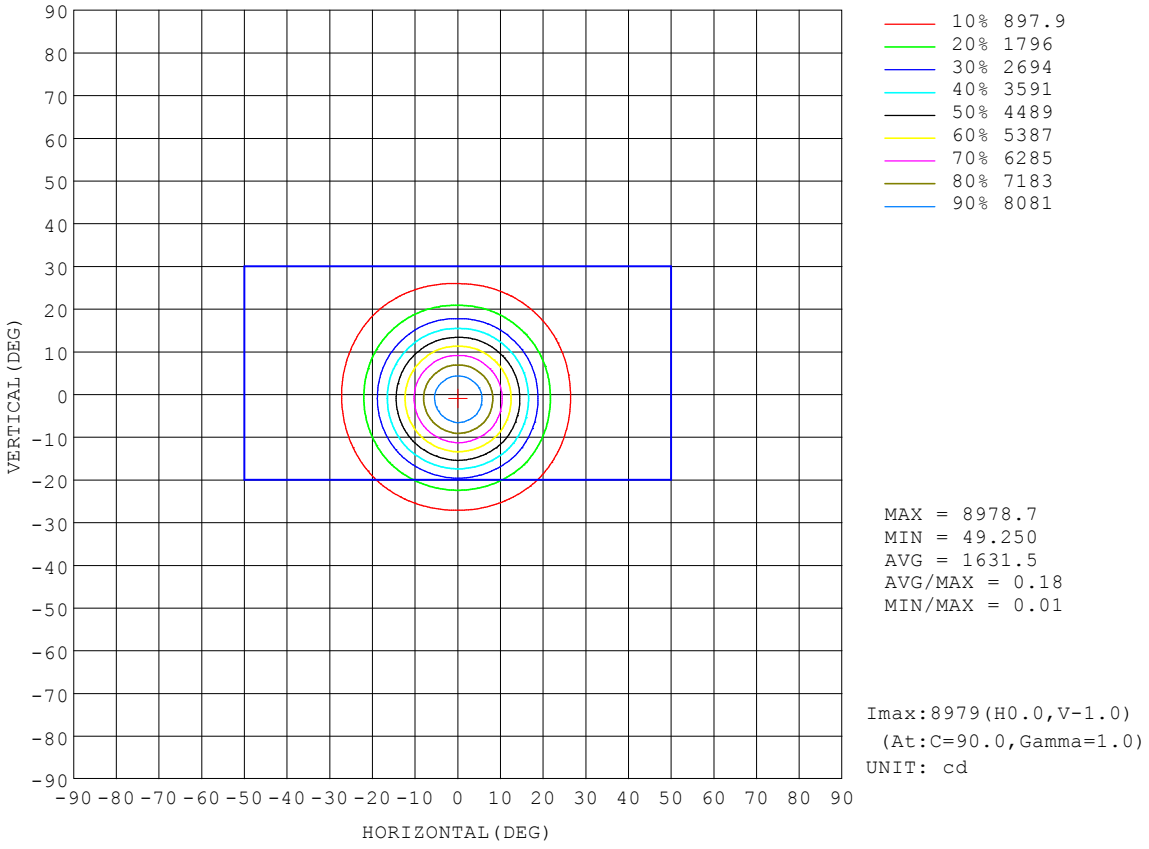
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-14

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 24D WHITE

ISOCANDELA DIAGRAM

Test:U:240.3V I:0.1437A P:34.3W PF:0.9931 Freq:49.99Hz UTHDi:0.48% ITHDi:18.87% KDisp:0.9961 Lamp Flux:2798.1x1 lm		
NAME: HCP-10X2701-4000K RA90 24D 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:2023-11-14

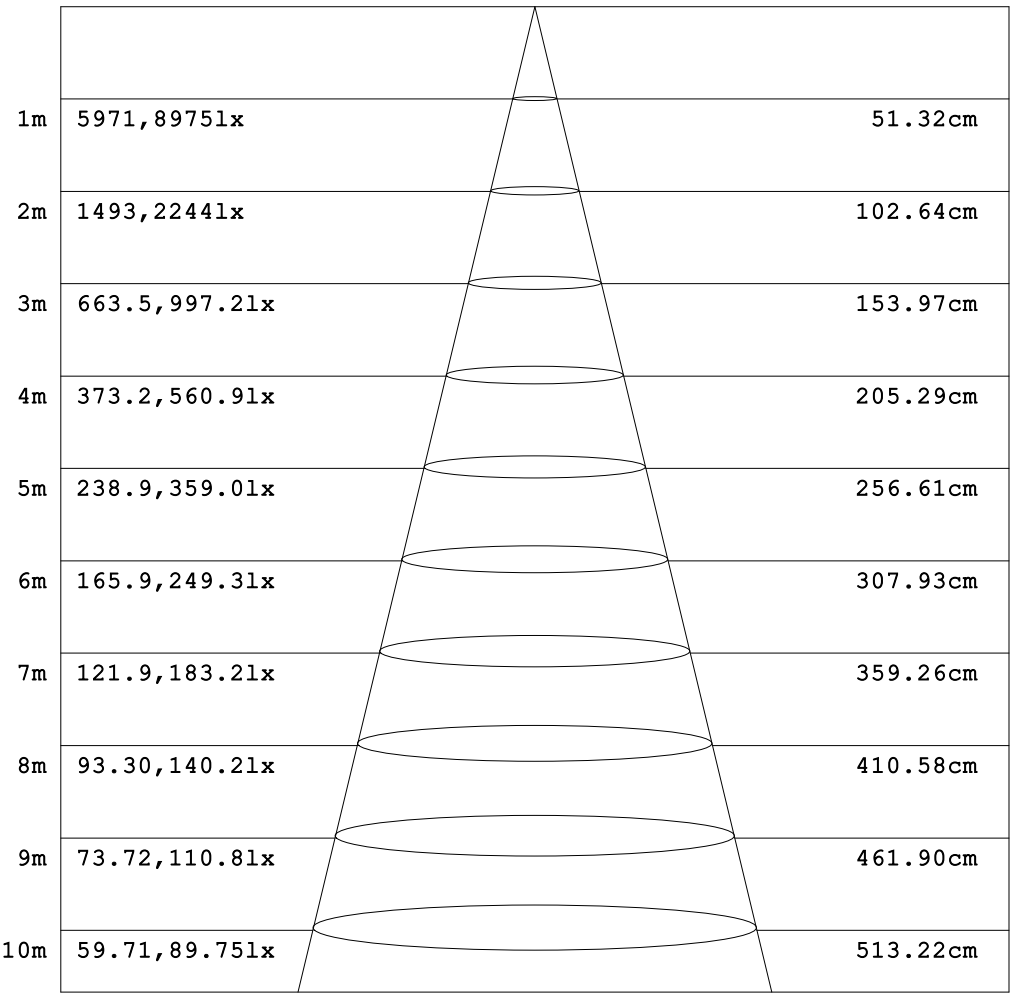
γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks:

Photometric Filename: HCP-10X2701-4000K RA90 24D WHITE

AAI Figure

Test:U:240.3V I:0.1437A P:34.3W PF:0.9931 Freq:49.99Hz UTHDi:0.48% ITHDi:18.87% KDisp:0.9961 Lamp Flux:2798.1x1 lm		
NAME: HCP-10X2701-4000K RA90 24D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

Flux out:1347 lm



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

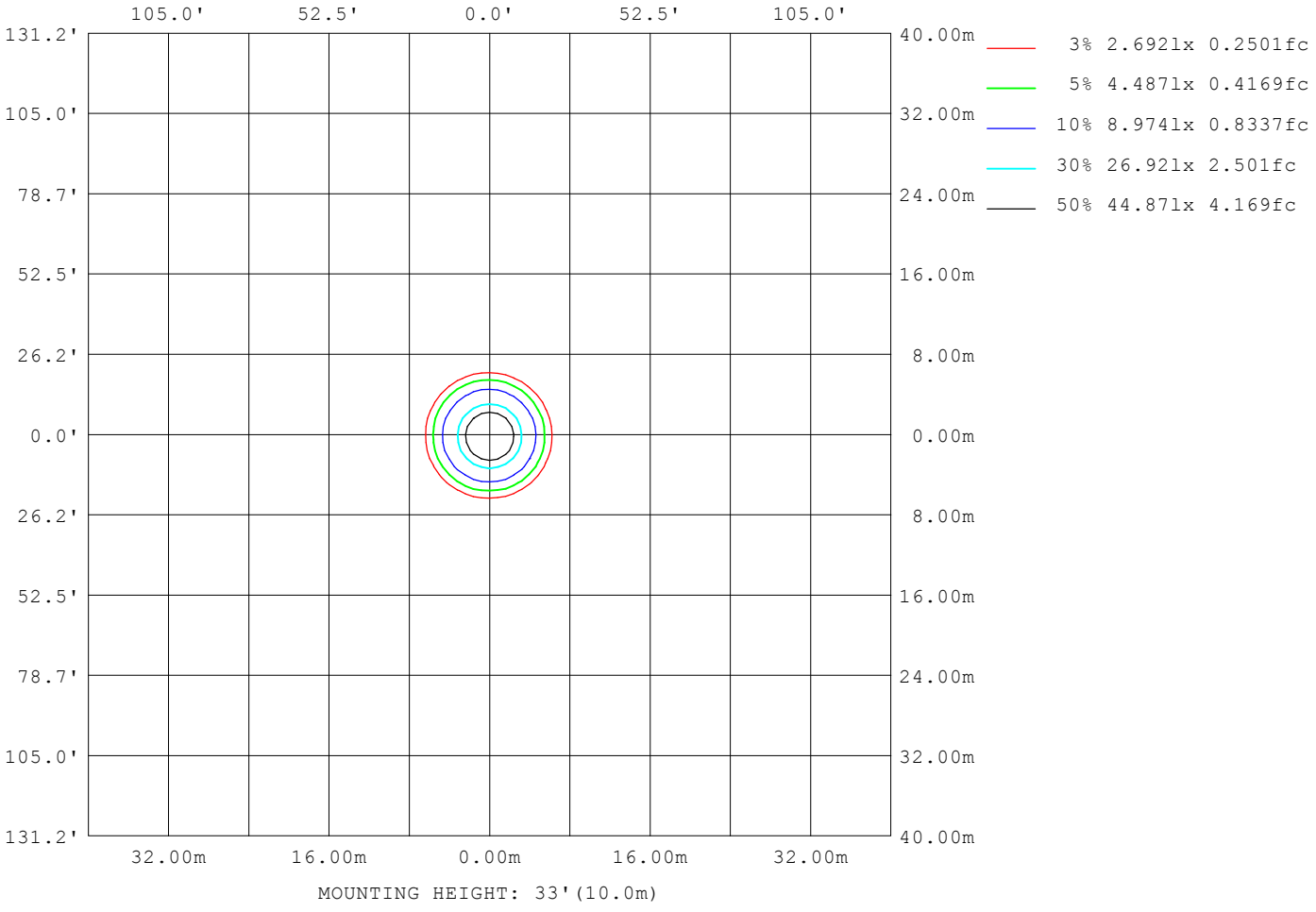
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-14

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 24D WHITE

ISOLUX DIAGRAM

Test:U:240.3V I:0.1437A P:34.3W PF:0.9931 Freq:49.99Hz UTHDi:0.48% ITHDi:18.87% KDisp:0.9961 Lamp Flux:2798.1x1 lm		
NAME: HCP-10X2701-4000K RA90 24D 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:2023-11-14

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:0.1437A P:34.3W PF:0.9931 Freq:49.99Hz UTHDi:0.48% ITHDi:18.87% KDisp:0.9961 Lamp Flux:2798.1x1 lm		
NAME: HCP-10X2701-4000K RA90 24D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

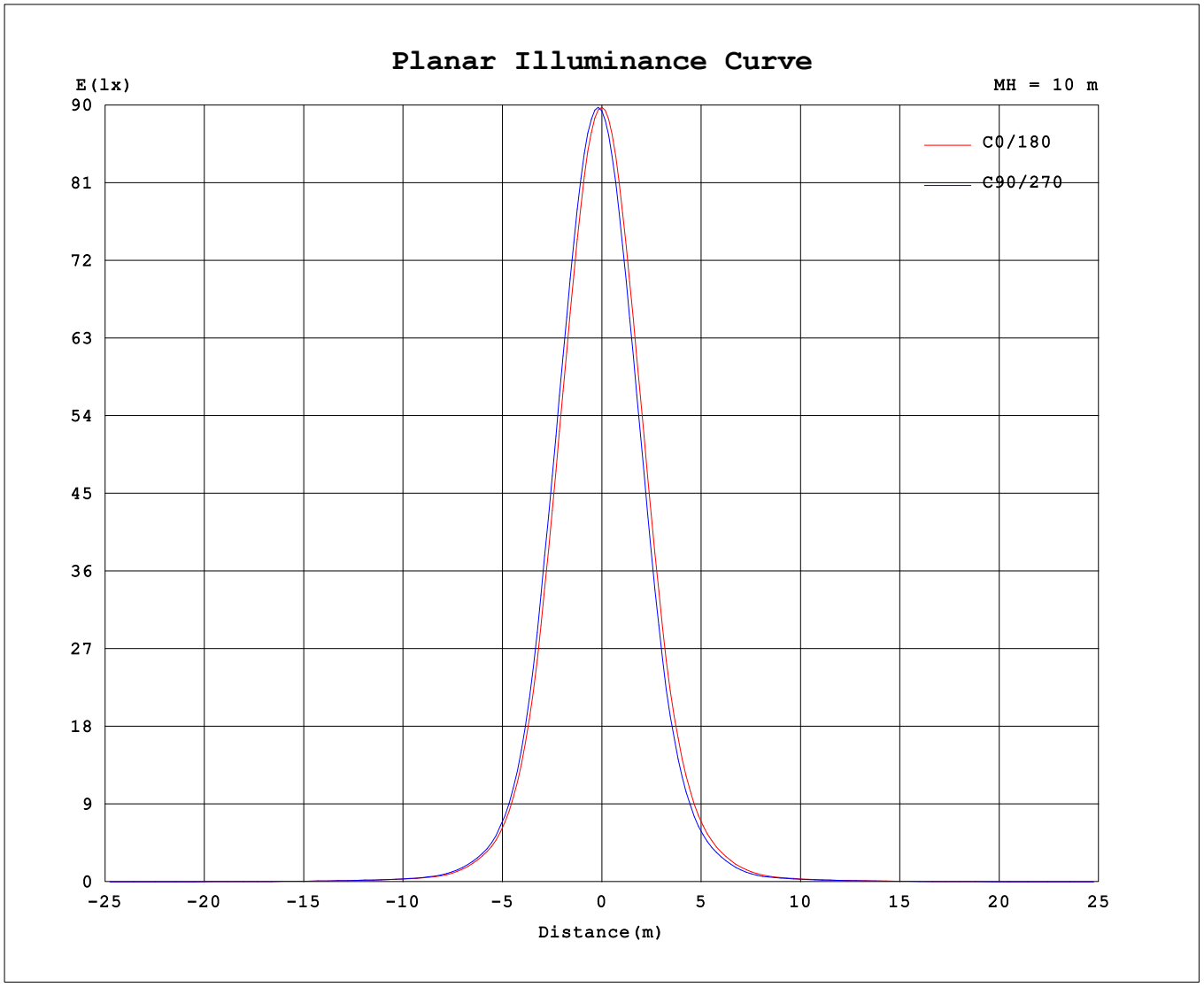
AvgL	cd/m2
L_0~180(65)av	24000
L_0~180(75)av	20381
L_0~180(85)av	14916
L_90~270(65)av	23799
L_90~270(75)av	20274
L_90~270(85)av	14791
L_45(65)av	23877
L_45(75)av	20292
L_45(85)av	14699

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-14

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:2023-11-14

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 24D WHITE

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:240.3V I:0.1437A P:34.3W PF:0.9931 Freq:49.99Hz UTHDi:0.48% ITHDi:18.87% KDisp:0.9961 Lamp Flux:2798.1x1 lm		
NAME: HCP-10X2701-4000K RA90 24D 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	8942	8942	8942	8942	8942	8942	8942	8942
5	8239	8478	8549	8414	8166	7916	7849	7978
10	6410	6776	6862	6679	6337	6026	5915	6087
15	4258	4636	4710	4552	4209	3886	3764	3943
20	2264	2530	2560	2497	2304	2128	2013	2086
25	1100	1236	1229	1260	1203	1121	1018	1040
30	541	603	595	643	621	596	526	533
35	269	307	307	324	311	286	252	258
40	135	151	153	159	150	136	126	130
45	97.7	102	102	104	99.9	93.1	90.0	93.5
50	73.9	77.0	76.7	75.8	72.6	68.5	66.9	70.3
55	54.5	56.7	56.9	56.2	53.9	51.0	50.0	51.9
60	41.5	42.8	42.9	42.8	41.5	39.9	39.5	39.7
65	33.5	34.9	34.9	34.5	33.4	31.9	31.5	31.9
70	25.2	26.4	26.4	25.9	24.9	23.6	23.4	23.9
75	17.7	18.8	18.6	18.0	17.1	16.0	16.0	16.5
80	10.9	11.7	11.6	11.0	10.1	9.17	9.24	9.81
85	4.74	5.41	5.34	4.66	3.84	3.09	3.17	3.75
90	0.14	0.11	0.15	0.11	0.12	0.12	0.14	0.12

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-14

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 24D 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	8942	8942	8942	8942	8942	8942	8942	8942
3.0	8693	8846	8886	8817	8663	8497	8449	8534
6.0	7931	8204	8296	8124	7850	7582	7501	7640
9.0	6820	7168	7264	7073	6743	6437	6330	6499
12.0	5560	5947	6025	5844	5494	5179	5059	5237
15.0	4258	4636	4710	4552	4209	3886	3764	3943
18.0	2978	3309	3366	3254	2971	2728	2594	2727
21.0	1971	2205	2222	2184	2043	1879	1750	1815
24.0	1277	1429	1427	1450	1373	1280	1170	1196
27.0	815.5	915.6	921.5	950.9	919.8	874.9	774.1	782.7
30.0	540.6	603.0	595.1	642.9	621.2	595.7	526.5	533.3
33.0	362.5	407.4	403.0	430.7	416.2	391.7	345.5	352.3
36.0	230.4	264.6	265.8	278.9	265.9	241.0	217.1	220.1
39.0	150.4	170.4	172.8	180.0	169.3	152.9	139.7	144.3
42.0	114.7	124.3	126.0	129.4	123.8	113.9	107.9	111.4
45.0	97.65	102.0	101.9	103.7	99.94	93.05	90.03	93.51
48.0	82.74	86.08	86.30	85.94	82.53	77.16	75.31	78.96
51.0	69.73	72.72	72.33	71.33	68.21	64.51	62.94	66.30
54.0	57.93	60.44	60.49	59.56	57.07	54.02	52.89	55.11
57.0	48.63	50.38	50.55	50.10	48.23	45.79	44.99	46.21
60.0	41.49	42.83	42.89	42.83	41.46	39.85	39.46	39.72
63.0	36.97	37.90	37.92	37.88	37.26	35.42	34.92	35.51
66.0	31.77	33.08	33.09	32.63	31.69	30.20	29.82	30.29
69.0	26.82	28.04	28.05	27.48	26.55	25.23	25.00	25.45
72.0	22.15	23.26	23.21	22.61	21.70	20.49	20.40	20.85
75.0	17.71	18.76	18.63	18.02	17.11	16.03	16.00	16.52
78.0	13.54	14.47	14.36	13.70	12.81	11.82	11.87	12.40
81.0	9.627	10.43	10.34	9.629	8.770	7.880	7.955	8.546
84.0	5.913	6.617	6.548	5.847	5.013	4.226	4.306	4.889
87.0	2.485	3.090	3.056	2.407	1.616	0.9344	1.016	1.571
90.0	0.1425	0.1105	0.1457	0.1067	0.1239	0.1249	0.1419	0.1228

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-14

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: