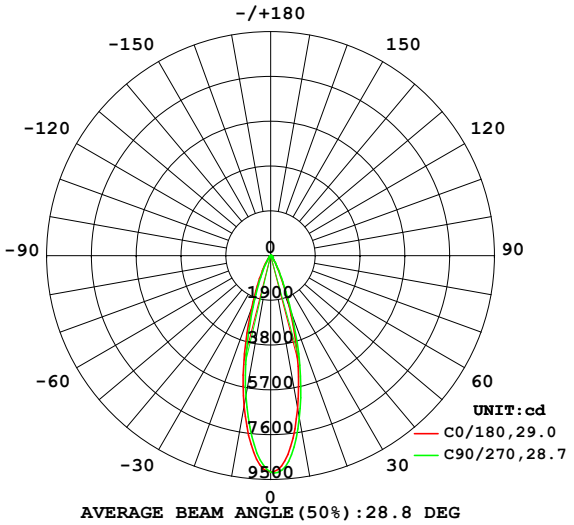
Photometric Filename: HCP-10X2701-5000K RA90 24D WHITE

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:240.3V I:0.1424A P:34.0W PF:0.9928 Freq:49.99Hz UTHDi:0.44% ITHDi:42.38% KDisp:0.9959 Lamp Flux:2869.12x1 lm		
NAME: HCP-10X2701-5000K RA90 24D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

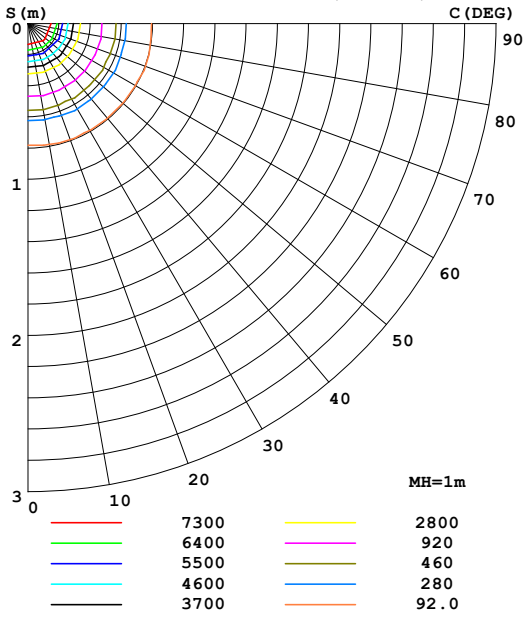
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 84.48 lm/W	
MODEL		Imax(cd)	9223	S/MH(C0/180)	0.48
NOMINAL POWER(W)	35	LOR(%)	100.0	S/MH(C90/270)	0.45
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	2869.1	η UP,DN(C0-180)	0.0,52.5
NOMINAL FLUX(lm)	2869.12	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,47.5
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	240.32	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	6603	6961	7028	6832	6496	6175	6068	6266	0- 10	742.3	742.3	25.9,25.9
20	2350	2598	2591	2556	2367	2176	2041	2161	10- 20	1177	1919	66.9,66.9
30	564.5	618.7	593.2	661.1	641.3	610.6	528.4	555.6	20- 30	567.8	2487	86.7,86.7
40	139.5	154.2	153.9	162.0	153.3	139.1	128.0	134.0	30- 40	195.9	2683	93.5,93.5
50	75.74	78.82	78.24	77.41	74.07	69.91	68.28	72.00	40- 50	78.79	2762	96.3,96.3
60	42.46	43.79	43.78	43.70	42.31	40.63	40.23	40.61	50- 60	50.10	2812	98,98
70	25.84	27.05	26.97	26.38	25.40	24.07	23.90	24.45	60- 70	33.59	2845	99.2,99.2
80	11.15	12.04	11.88	11.18	10.28	9.330	9.429	10.06	70- 80	18.82	2864	99.8,99.8
90	0.1445	0.1142	0.1476	0.1130	0.1281	0.1317	0.1479	0.1240	80- 90	5.012	2869	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): 2726.7 lm

%lum = 95.0%
%lamp = 95.0%

Conical surface Flux(130deg): 2830.3 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:

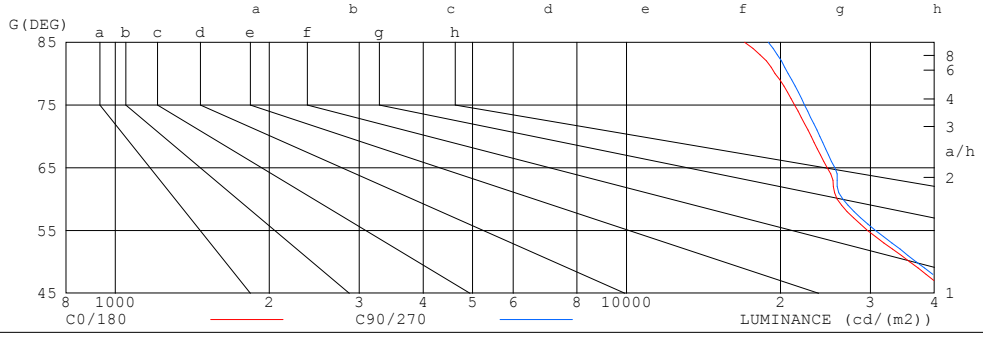
Photometric Filename: HCP-10X2701-5000K RA90 24D WHITE

LUMINANCE LIMITATION CURVES

Test:U:240.3V I:0.1424A P:34.0W PF:0.9928 Freq:49.99Hz **UTHDi:0.44% ITHDi:42.38% KDisp:0.9959 Lamp Flux:2869.12x1 lm**		
NAME: HCP-10X2701-5000K 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	17013	18945
80	19522	20715
75	21320	22298
70	22963	23873
65	24688	25563
60	25807	26508
55	29626	30688
50	35812	36847
45	42512	44310

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-10X2701-5000K RA90 24D WHITE

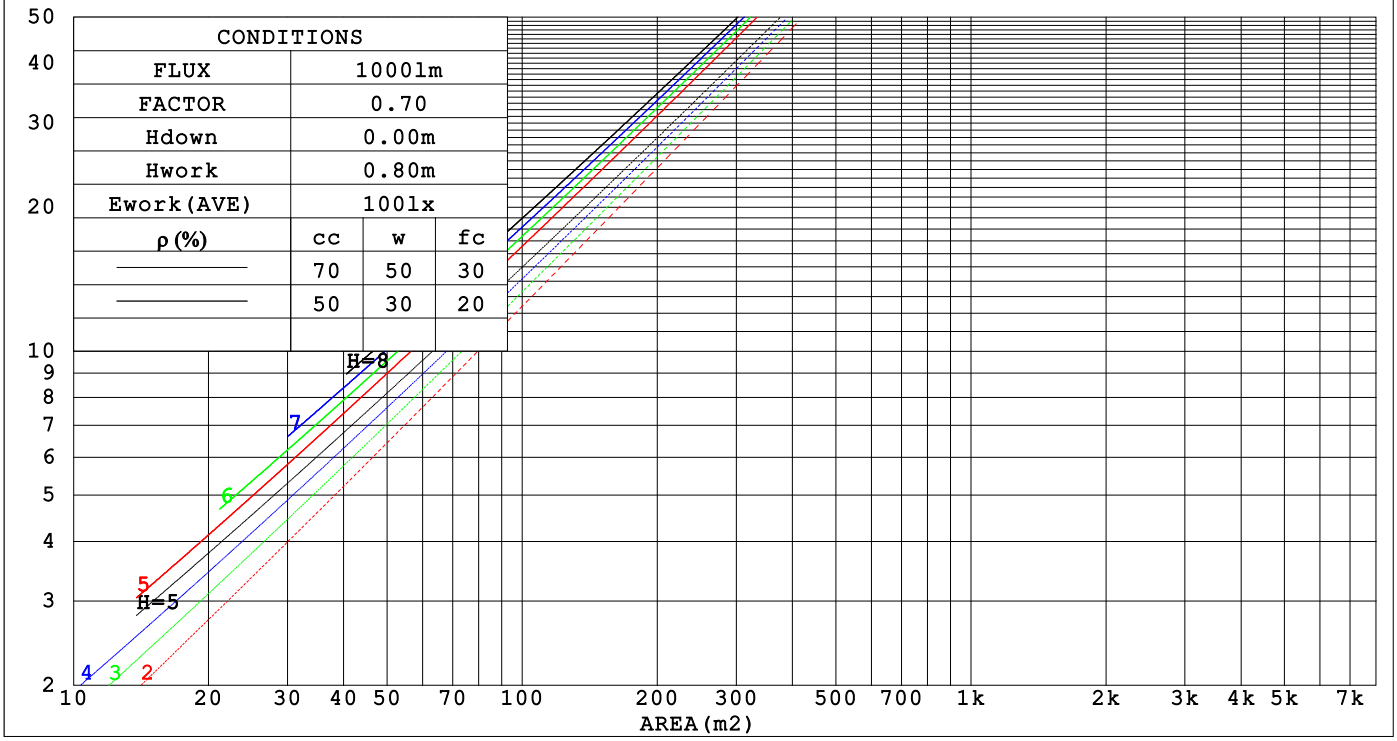
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:240.3V I:0.1424A P:34.0W PF:0.9928 Freq:49.99Hz UTHDi:0.44% ITHDi:42.38% KDisp:0.9959 Lamp Flux:2869.12x1 lm		
NAME: HCP-10X2701-5000K 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	.90	.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	.85	.80	.77	.83	.80	.77	.82	.79	.76	.75
7.0	.83	.78	.75	.83	.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	.67	.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:

WEC AND CCEC

Test:U:240.3V I:0.1424A P:34.0W PF:0.9928 Freq:49.99Hz UTHDi:0.44% ITHDi:42.38% KDisp:0.9959 Lamp Flux:2869.12x1 lm		
NAME: HCP-10X2701-5000K 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	.090	.029	.152	.087	.028	.140	.080	.026	.128	.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	.064	.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	.061	.018	.113	.059	.017	.107	.057	.017	.102	.054	.016	
6.0	.116	.058	.017	.114	.057	.017	.108	.055	.016	.103	.053	.016	.098	.052	.015	
7.0	.111	.055	.015	.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	.044	.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	.006	
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:

UGR(Unified Glare Rating) Table

Test:U:240.3V I:0.1424A P:34.0W PF:0.9928 Freq:49.99Hz UTHDi:0.44% ITHDi:42.38% KDisp:0.9959 Lamp Flux:2869.12x1 lm		
NAME: HCP-10X2701-5000K 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	18.9	19.7	19.1	19.8	20.0	19.1	19.8	19.3	20.0	20.2
	3H	19.7	20.4	19.9	20.6	20.8	19.8	20.6	20.1	20.7	20.9
	4H	20.0	20.7	20.3	20.9	21.1	20.2	20.9	20.5	21.1	21.3
	6H	20.3	20.9	20.6	21.2	21.4	20.5	21.1	20.8	21.4	21.6
	8H	20.4	21.0	20.7	21.2	21.5	20.6	21.2	20.9	21.4	21.7
	12H	20.4	21.0	20.7	21.3	21.5	20.6	21.2	20.9	21.5	21.8
4H	2H	19.2	19.8	19.4	20.1	20.3	19.3	20.0	19.6	20.2	20.4
	3H	20.1	20.7	20.4	21.0	21.3	20.3	20.9	20.6	21.2	21.4
	4H	20.6	21.2	20.9	21.4	21.8	20.8	21.3	21.1	21.6	21.9
	6H	21.0	21.5	21.4	21.8	22.2	21.2	21.7	21.5	22.0	22.3
	8H	21.1	21.6	21.5	21.9	22.3	21.3	21.8	21.7	22.1	22.5
	12H	21.2	21.6	21.6	22.0	22.4	21.4	21.8	21.8	22.2	22.6
8H	4H	20.8	21.2	21.2	21.6	21.9	20.9	21.4	21.3	21.7	22.1
	6H	21.3	21.7	21.7	22.1	22.5	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
	12H	21.6	21.9	22.1	22.4	22.8	21.8	22.1	22.3	22.6	23.0
12H	4H	20.8	21.2	21.2	21.5	21.9	20.9	21.3	21.3	21.7	22.1
	6H	21.3	21.6	21.8	22.1	22.5	21.5	21.8	21.9	22.2	22.7
	8H	21.6	21.8	22.0	22.3	22.8	21.7	22.0	22.2	22.5	22.9

Variations with the observer position at spacings(CIE Pub.117):

S = 1.0H	+ 0.5 / - 0.6	+ 0.6 / - 0.6
1.5H	+ 0.9 / - 0.4	+ 1.1 / - 0.4
2.0H	+ 0.7 / - 0.6	+ 0.7 / - 0.6

CIE Pub.117, 2869 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 3.7)
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-10X2701-5000K RA90 24D WHITE

UTILIZATION FACTORS TABLE

Test:U:240.3V I:0.1424A P:34.0W PF:0.9928 Freq:49.99Hz UTHDi:0.44% ITHDi:42.38% KDisp:0.9959 Lamp Flux:2869.12x1 lm		
NAME: HCP-10X2701-5000K 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	

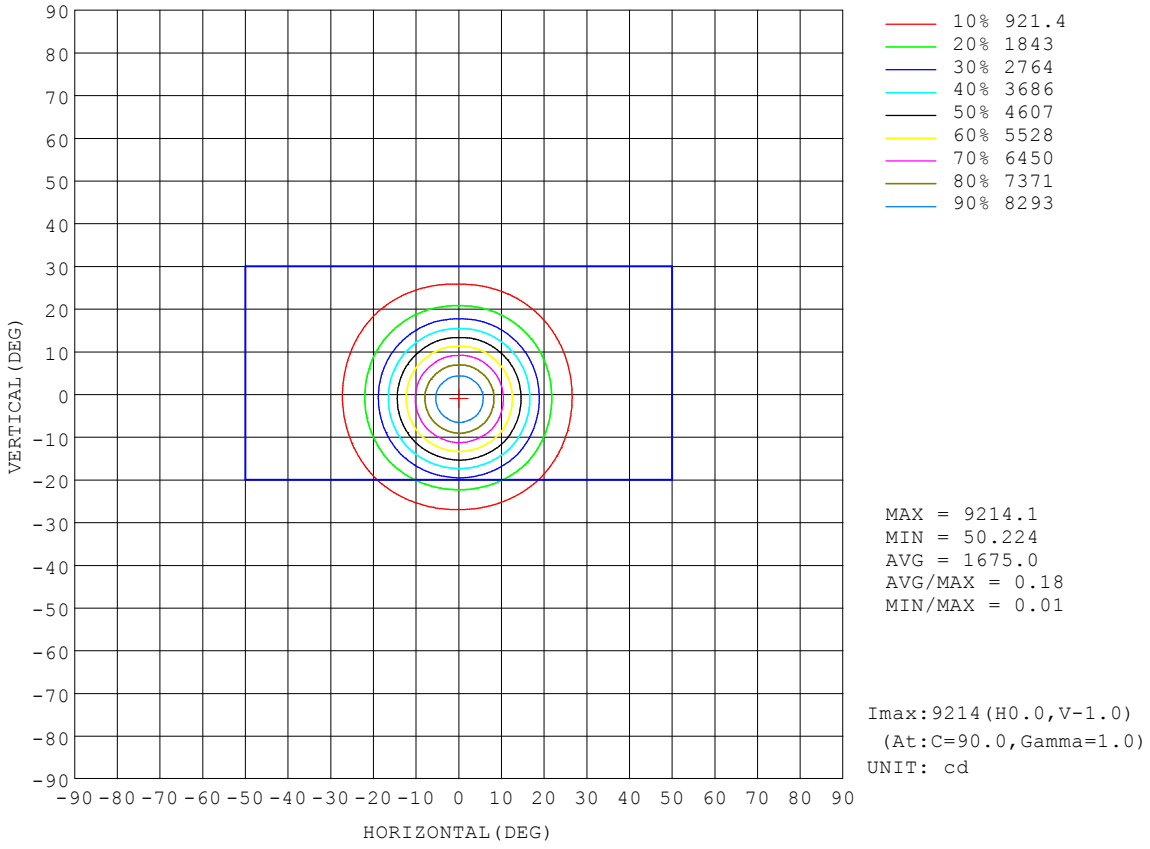
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-14

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-10X2701-5000K RA90 24D WHITE

ISOCANDELA DIAGRAM

Test:U:240.3V I:0.1424A P:34.0W PF:0.9928 Freq:49.99Hz UTHDi:0.44% ITHDi:42.38% KDisp:0.9959 Lamp Flux:2869.12x1 lm		
NAME: HCP-10X2701-5000K 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

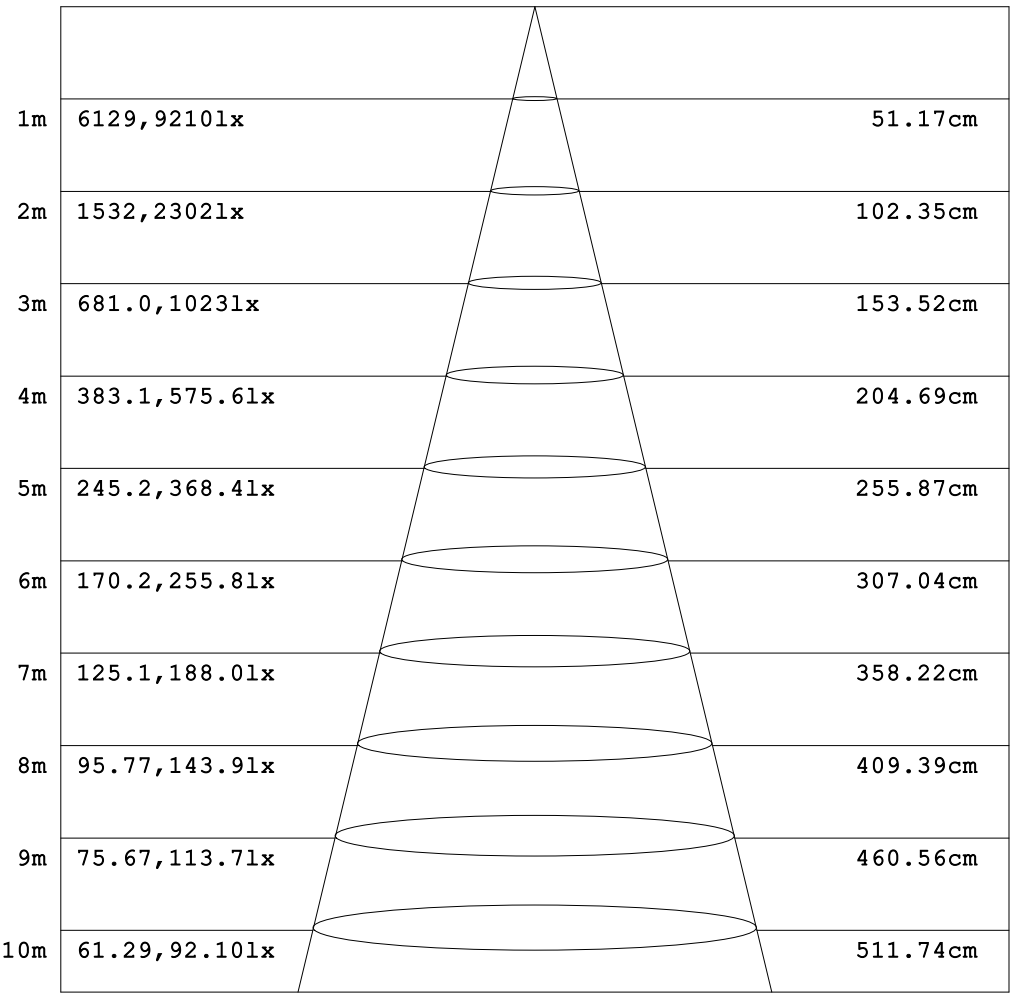
γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks:

Photometric Filename: HCP-10X2701-5000K RA90 24D WHITE

AAI Figure

Test:U:240.3V I:0.1424A P:34.0W PF:0.9928 Freq:49.99Hz UTHDi:0.44% ITHDi:42.38% KDisp:0.9959 Lamp Flux:2869.12x1 lm		
NAME: HCP-10X2701-5000K RA90 24D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

Flux out:1382 lm



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

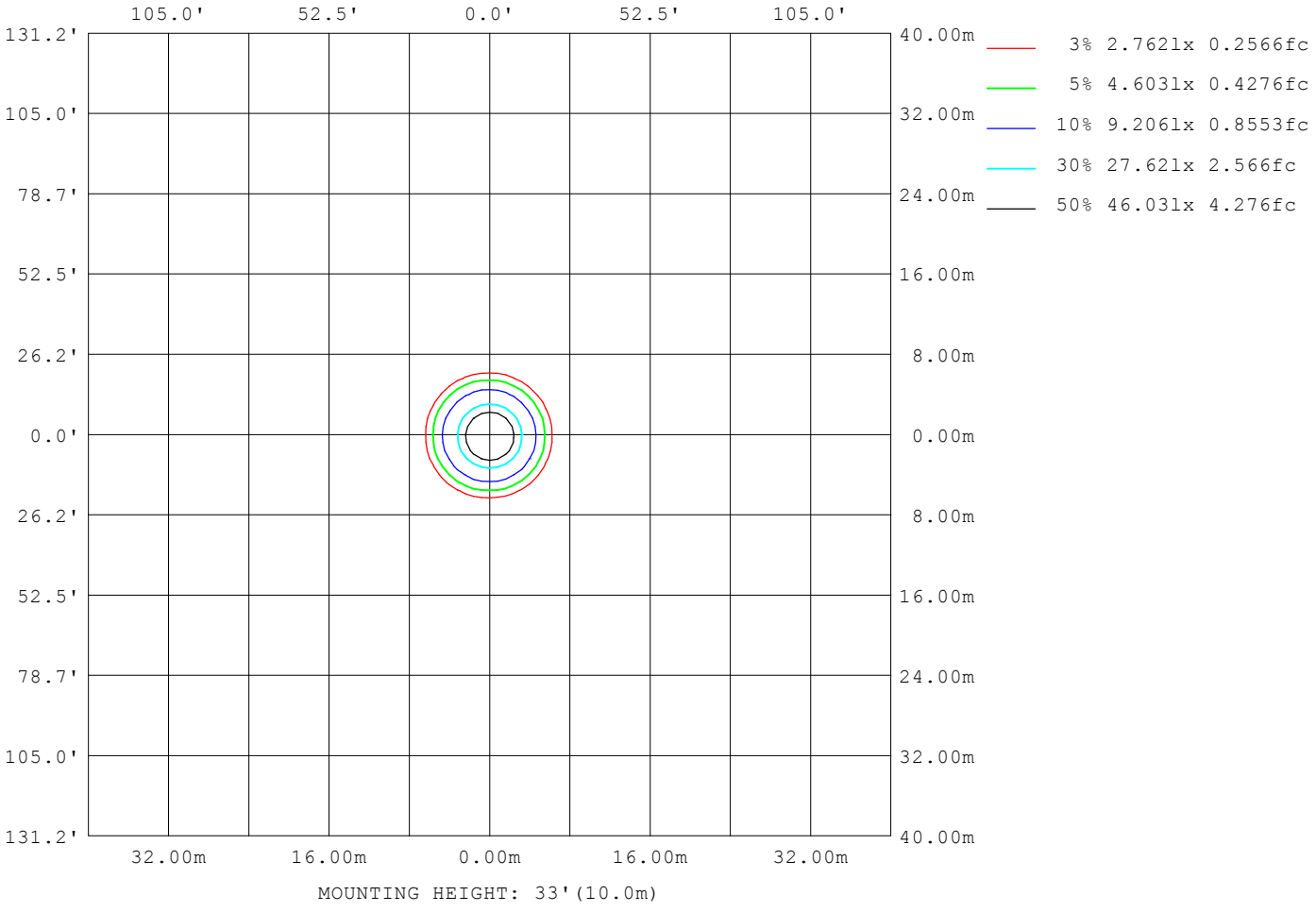
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-14

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-10X2701-5000K RA90 24D WHITE

ISOLUX DIAGRAM

Test:U:240.3V I:0.1424A P:34.0W PF:0.9928 Freq:49.99Hz UTHDi:0.44% ITHDi:42.38% KDisp:0.9959 Lamp Flux:2869.12x1 lm		
NAME: HCP-10X2701-5000K 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:0.1424A P:34.0W PF:0.9928 Freq:49.99Hz UTHDi:0.44% ITHDi:42.38% KDisp:0.9959 Lamp Flux:2869.12x1 lm		
NAME: HCP-10X2701-5000K RA90 24D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

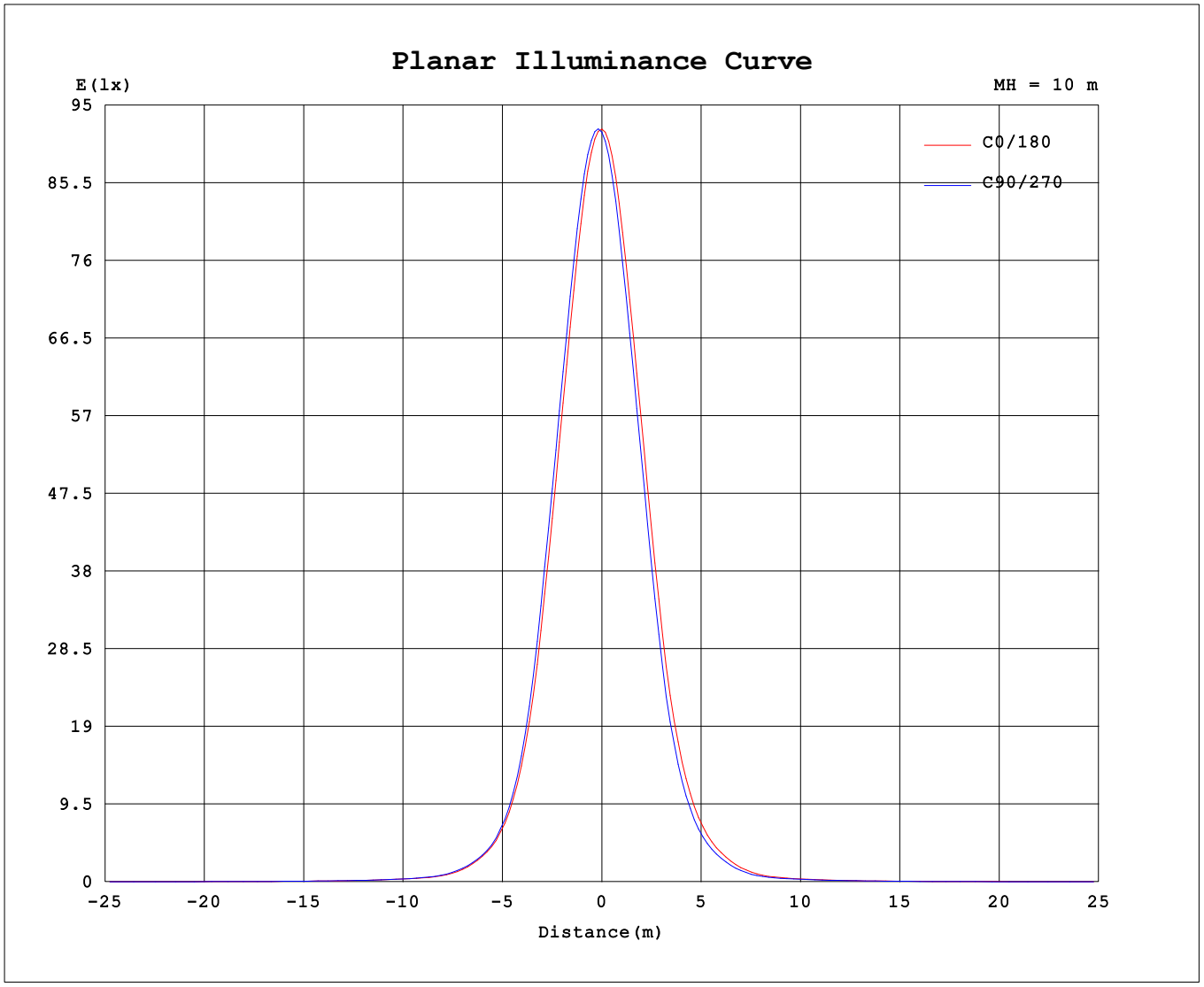
AvgL	cd/m2
L_0~180(65)av	24535
L_0~180(75)av	20841
L_0~180(85)av	15252
L_90~270(65)av	24304
L_90~270(75)av	20715
L_90~270(85)av	15107
L_45(65)av	24387
L_45(75)av	20735
L_45(85)av	15020

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-10X2701-5000K RA90 24D WHITE

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:240.3V I:0.1424A P:34.0W PF:0.9928 Freq:49.99Hz UTHDi:0.44% ITHDi:42.38% KDisp:0.9959 Lamp Flux:2869.12x1 lm		
NAME: HCP-10X2701-5000K 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	9179	9179	9179	9179	9179	9179	9179	9179
5	8468	8702	8768	8616	8370	8125	8064	8201
10	6603	6961	7028	6832	6496	6175	6068	6266
15	4401	4762	4808	4659	4317	3980	3847	4073
20	2350	2598	2591	2556	2367	2176	2041	2161
25	1147	1268	1233	1292	1239	1150	1025	1082
30	564	619	593	661	641	611	528	556
35	280	314	306	332	321	293	253	268
40	139	154	154	162	153	139	128	134
45	98.9	104	103	106	102	95.0	91.8	96.0
50	75.7	78.8	78.2	77.4	74.1	69.9	68.3	72.0
55	55.9	58.0	58.1	57.3	55.0	52.1	51.0	53.1
60	42.5	43.8	43.8	43.7	42.3	40.6	40.2	40.6
65	34.3	35.7	35.7	35.2	34.1	32.5	32.1	32.7
70	25.8	27.0	27.0	26.4	25.4	24.1	23.9	24.4
75	18.2	19.2	19.1	18.4	17.4	16.3	16.3	16.9
80	11.2	12.0	11.9	11.2	10.3	9.33	9.43	10.1
85	4.88	5.55	5.45	4.75	3.89	3.13	3.24	3.85
90	0.14	0.11	0.15	0.11	0.13	0.13	0.15	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-10X2701-5000K 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	9179	9179	9179	9179	9179	9179	9179	9179
3.0	8932	9075	9114	9040	8887	8724	8679	8768
6.0	8158	8431	8499	8322	8049	7780	7705	7858
9.0	7021	7366	7440	7241	6909	6602	6501	6692
12.0	5734	6109	6163	5986	5633	5310	5184	5396
15.0	4401	4762	4808	4659	4317	3980	3847	4073
18.0	3085	3404	3420	3329	3050	2793	2637	2825
21.0	2047	2264	2244	2236	2100	1923	1771	1882
24.0	1327	1467	1432	1486	1413	1311	1180	1243
27.0	861.4	939.4	921.3	975.9	948.0	896.9	776.7	815.2
30.0	564.5	618.7	593.2	661.1	641.3	610.6	528.4	555.6
33.0	377.8	417.2	401.5	442.6	429.9	401.0	346.8	366.6
36.0	239.6	270.6	264.8	285.5	274.2	246.6	218.1	228.3
39.0	155.6	174.1	173.0	184.1	173.6	156.0	141.4	149.0
42.0	118.0	127.1	127.2	132.1	126.6	116.3	109.7	114.4
45.0	98.91	104.2	103.5	105.8	102.1	95.00	91.78	95.96
48.0	84.85	88.01	87.87	87.75	84.26	78.67	76.89	80.96
51.0	71.46	74.39	73.82	72.82	69.62	65.82	64.26	67.89
54.0	59.34	61.83	61.80	60.79	58.22	55.09	53.99	56.42
57.0	49.80	51.51	51.65	51.13	49.22	46.72	45.88	47.27
60.0	42.46	43.79	43.78	43.70	42.31	40.63	40.23	40.61
63.0	37.85	38.76	38.72	38.67	38.03	36.12	35.62	36.33
66.0	32.53	33.84	33.81	33.31	32.32	30.77	30.43	31.00
69.0	27.46	28.71	28.67	28.06	27.10	25.71	25.50	26.02
72.0	22.68	23.81	23.71	23.10	22.14	20.88	20.79	21.33
75.0	18.16	19.21	19.06	18.42	17.44	16.31	16.32	16.90
78.0	13.90	14.82	14.68	13.98	13.04	12.01	12.10	12.71
81.0	9.874	10.68	10.54	9.821	8.924	8.023	8.109	8.759
84.0	6.082	6.795	6.680	5.961	5.092	4.292	4.394	5.023
87.0	2.570	3.187	3.119	2.438	1.623	0.9331	1.037	1.626
90.0	0.1445	0.1142	0.1476	0.1130	0.1281	0.1317	0.1479	0.1240

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: