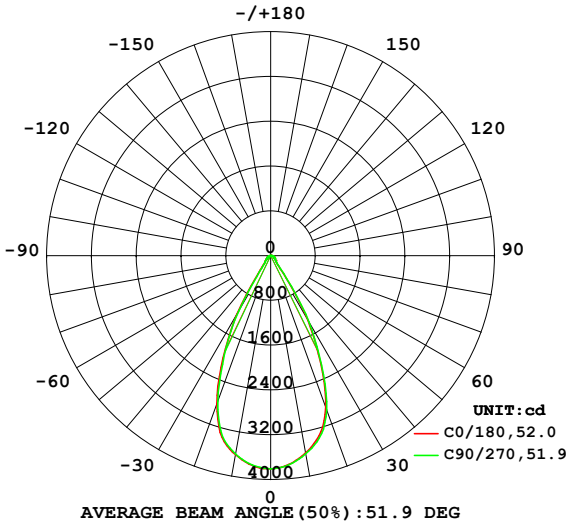
Photometric Filename: HCP-10X2701-5700K RA90 60D WHITE

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:240.3V I:0.1422A P:33.9W PF:0.9926 Freq:49.99Hz UTHDi:0.41% ITHDi:23.43% KDisp:0.9960 Lamp Flux:2829.19x1 lm		
NAME: HCP-10X2701-5700K RA90 60D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

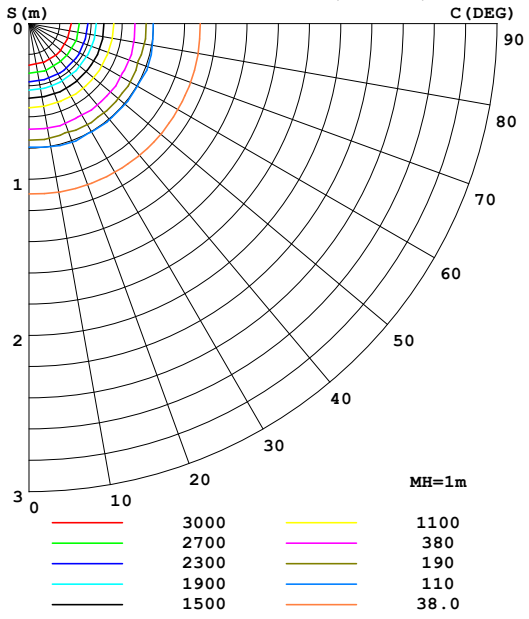
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 83.41 lm/W	
MODEL		Imax(cd)	3806	S/MH(C0/180)	0.78
NOMINAL POWER(W)	35	LOR(%)	100.0	S/MH(C90/270)	0.77
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	2829.2	η UP,DN(C0-180)	0.0,51.5
NOMINAL FLUX(lm)	2829.19	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,48.5
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	240.33	η down(%)	100.0	CIBSE SHR MAX	0.80

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):51.9 DEG

PLANAR ISOLUX DIAGRAM(UNIT:lx)



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

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-10X2701-5700K 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	3584	3596	3597	3608	3614	3608	3602	3592	0- 10	353.3	353.3	12.5,12.5
20	2877	2887	2928	2891	2820	2747	2773	2821	10- 20	924.8	1278	45.2,45.2
30	1341	1387	1377	1323	1217	1130	1138	1242	20- 30	932.0	2210	78.1,78.1
40	176.2	183.5	184.1	180.8	174.0	169.9	165.1	169.6	30- 40	329.3	2539	89.8,89.8
50	106.5	110.5	109.2	109.0	107.2	103.0	102.6	102.9	40- 50	105.6	2645	93.5,93.5
60	72.90	75.11	75.46	75.69	74.31	72.06	71.30	71.39	50- 60	78.87	2724	96.3,96.3
70	48.65	50.56	50.42	48.97	46.27	43.84	44.01	45.76	60- 70	60.59	2784	98.4,98.4
80	21.71	23.36	22.75	20.95	18.61	17.03	17.60	19.24	70- 80	35.29	2820	99.7,99.7
90	0.1847	0.1631	0.1839	0.1663	0.1976	0.2039	0.2136	0.1917	80- 90	9.441	2829	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): 2596.1 lm

%lum = 91.8%
%lamp = 91.8%

Conical surface Flux(130deg): 2756.9 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:

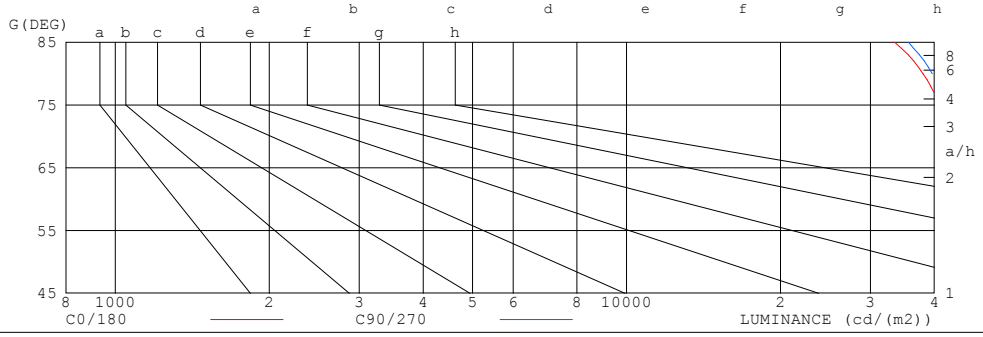
Photometric Filename: HCP-10X2701-5700K RA90 60D WHITE

LUMINANCE LIMITATION CURVES

Test:U:240.3V I:0.1422A P:33.9W PF:0.9926 Freq:49.99Hz **UTHDi:0.41% ITHDi:23.43% KDisp:0.9960 Lamp Flux:2829.19x1 lm**		
NAME: HCP-10X2701-5700K 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	33469	35594
80	38019	39652
75	41060	42520
70	43250	44617
65	44774	46277
60	44334	45676
55	46168	47203
50	50399	51400
45	58549	59637

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-10X2701-5700K RA90 60D WHITE

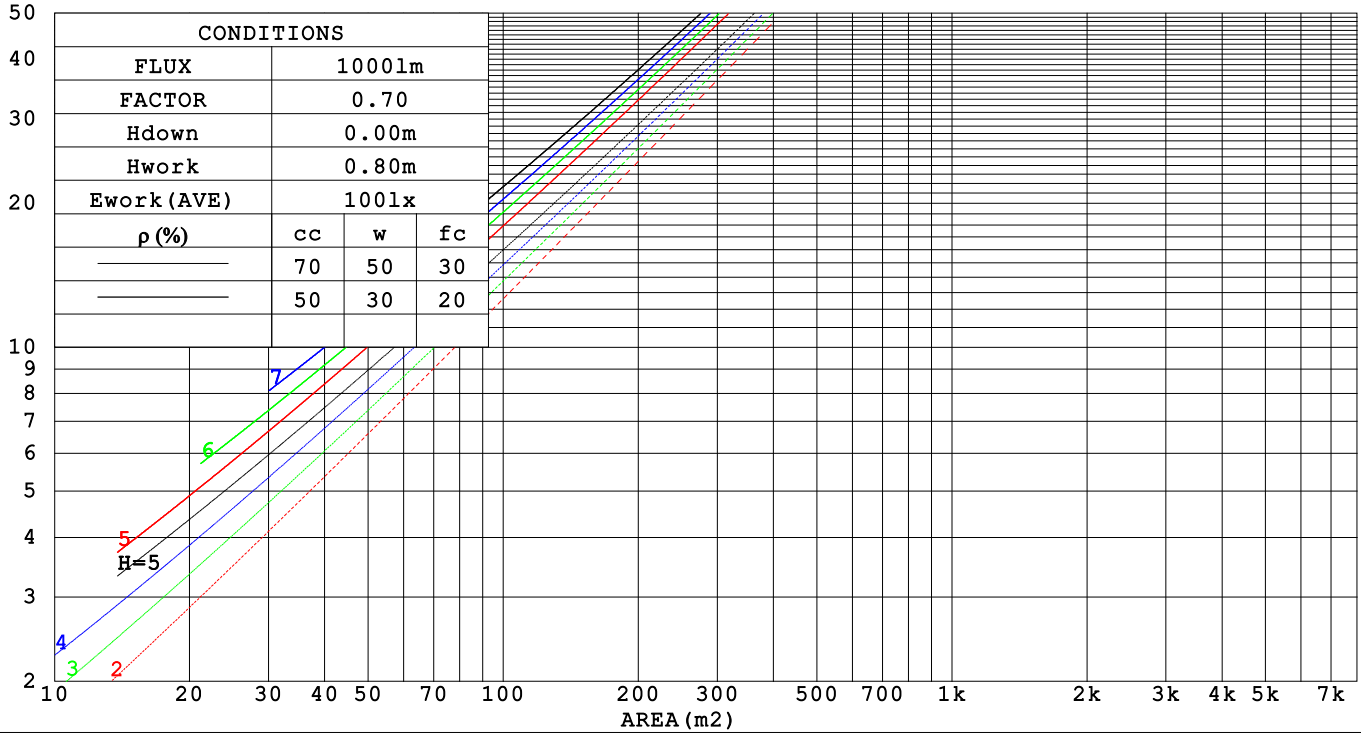
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:240.3V I:0.1422A P:33.9W PF:0.9926 Freq:49.99Hz UTHDi:0.41% ITHDi:23.43% KDisp:0.9960 Lamp Flux:2829.19x1 lm		
NAME: HCP-10X2701-5700K 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:

Photometric Filename: HCP-10X2701-5700K RA90 60D WHITE

WEC AND CCEC

Test:U:240.3V I:0.1422A P:33.9W PF:0.9926 Freq:49.99Hz UTHDi:0.41% ITHDi:23.43% KDisp:0.9960 Lamp Flux:2829.19x1 lm		
NAME: HCP-10X2701-5700K 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-10X2701-5700K RA90 60D WHITE

UGR(Unified Glare Rating) Table

Test:U:240.3V I:0.1422A P:33.9W PF:0.9926 Freq:49.99Hz UTHDi:0.41% ITHDi:23.43% KDisp:0.9960 Lamp Flux:2829.19x1 lm		
NAME: HCP-10X2701-5700K 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	22.6	23.6	22.9	23.8	23.9	22.8	23.8	23.0	23.9	24.1
3H	23.5	24.4	23.8	24.6	24.8	23.7	24.6	24.0	24.8	25.0
4H	24.0	24.8	24.2	25.0	25.2	24.1	24.9	24.4	25.2	25.4
6H	24.3	25.1	24.6	25.3	25.6	24.5	25.2	24.8	25.5	25.7
8H	24.4	25.2	24.7	25.4	25.7	24.6	25.3	24.9	25.6	25.9
12H	24.5	25.2	24.8	25.5	25.7	24.7	25.4	25.0	25.7	25.9
4H 2H	22.9	23.7	23.2	24.0	24.2	23.1	23.9	23.3	24.1	24.3
3H	24.1	24.8	24.4	25.0	25.3	24.2	24.9	24.5	25.2	25.5
4H	24.6	25.3	25.0	25.6	25.9	24.8	25.4	25.1	25.7	26.0
6H	25.1	25.7	25.5	26.0	26.4	25.3	25.8	25.6	26.2	26.5
8H	25.3	25.8	25.7	26.2	26.5	25.4	26.0	25.8	26.3	26.7
12H	25.4	25.9	25.8	26.2	26.6	25.5	26.0	26.0	26.4	26.8
8H 4H	24.8	25.4	25.2	25.7	26.1	25.0	25.5	25.4	25.9	26.2
6H	25.5	25.9	25.9	26.3	26.7	25.6	26.0	26.0	26.4	26.8
8H	25.7	26.1	26.1	26.5	27.0	25.8	26.2	26.3	26.7	27.1
12H	25.9	26.2	26.4	26.7	27.1	26.0	26.4	26.5	26.8	27.3
12H 4H	24.8	25.3	25.3	25.7	26.1	25.0	25.5	25.4	25.8	26.2
6H	25.5	25.9	26.0	26.3	26.8	25.6	26.0	26.1	26.4	26.9
8H	25.8	26.1	26.3	26.6	27.0	25.9	26.3	26.4	26.7	27.2
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					+ 0.7 / - 0.3				
2.0H	+ 0.3 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117, 2829 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:2023-11-15

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-10X2701-5700K RA90 60D WHITE

UTILIZATION FACTORS TABLE

Test:U:240.3V I:0.1422A P:33.9W PF:0.9926 Freq:49.99Hz UTHDi:0.41% ITHDi:23.43% KDisp:0.9960 Lamp Flux:2829.19x1 lm		
NAME: HCP-10X2701-5700K 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	

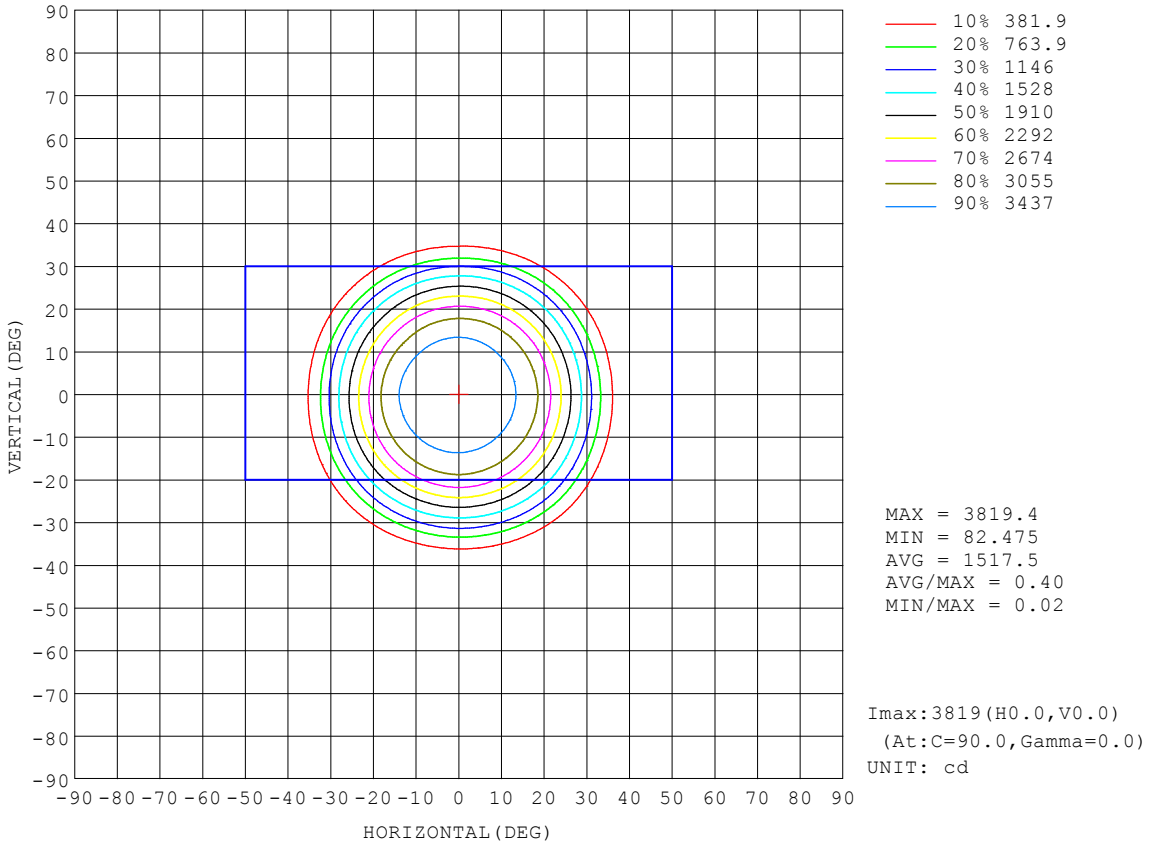
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-15

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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 60D WHITE

ISOCANDELA DIAGRAM

Test:U:240.3V I:0.1422A P:33.9W PF:0.9926 Freq:49.99Hz UTHDi:0.41% ITHDi:23.43% KDisp:0.9960 Lamp Flux:2829.19x1 lm		
NAME: HCP-10X2701-5700K 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
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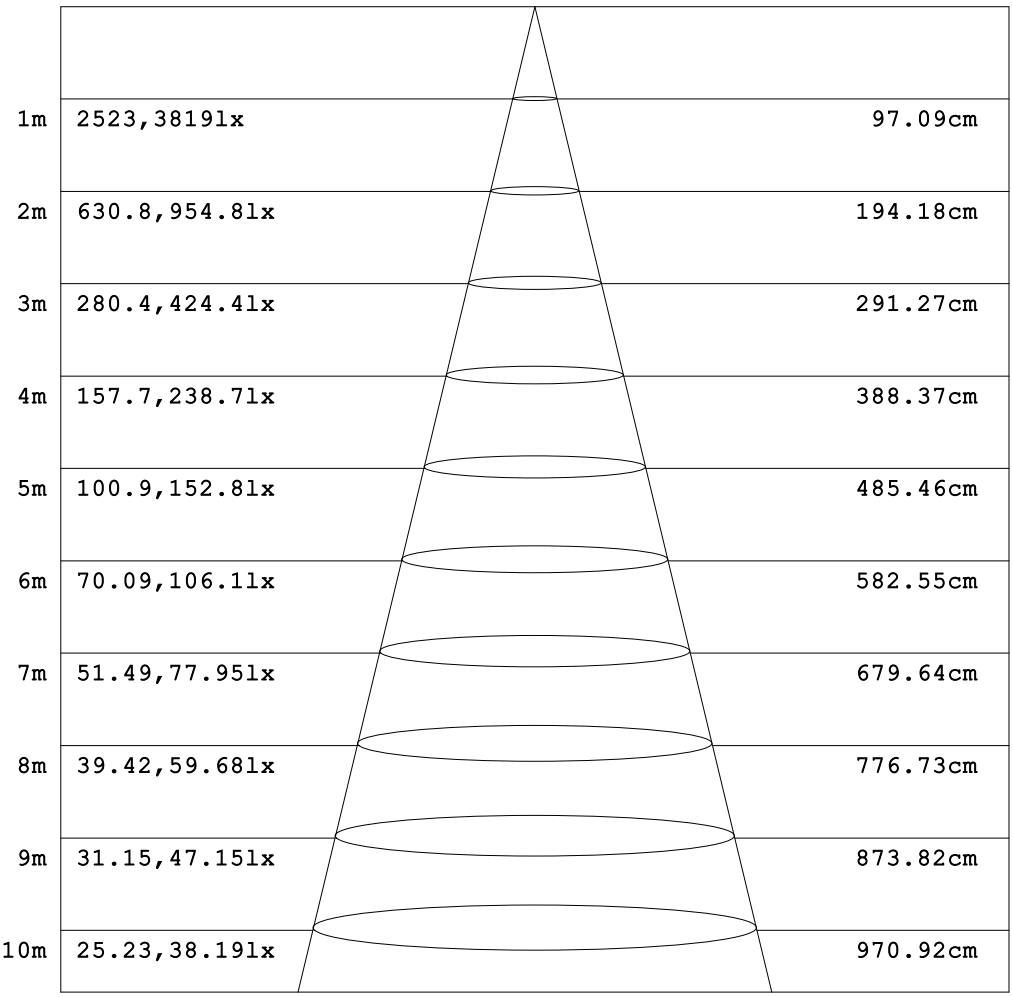
γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks:

Photometric Filename: HCP-10X2701-5700K RA90 60D WHITE

AAI Figure

Test:U:240.3V I:0.1422A P:33.9W PF:0.9926 Freq:49.99Hz UTHDi:0.41% ITHDi:23.43% KDisp:0.9960 Lamp Flux:2829.19x1 lm		
NAME: HCP-10X2701-5700K RA90 60D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

Flux out:1886 lm



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

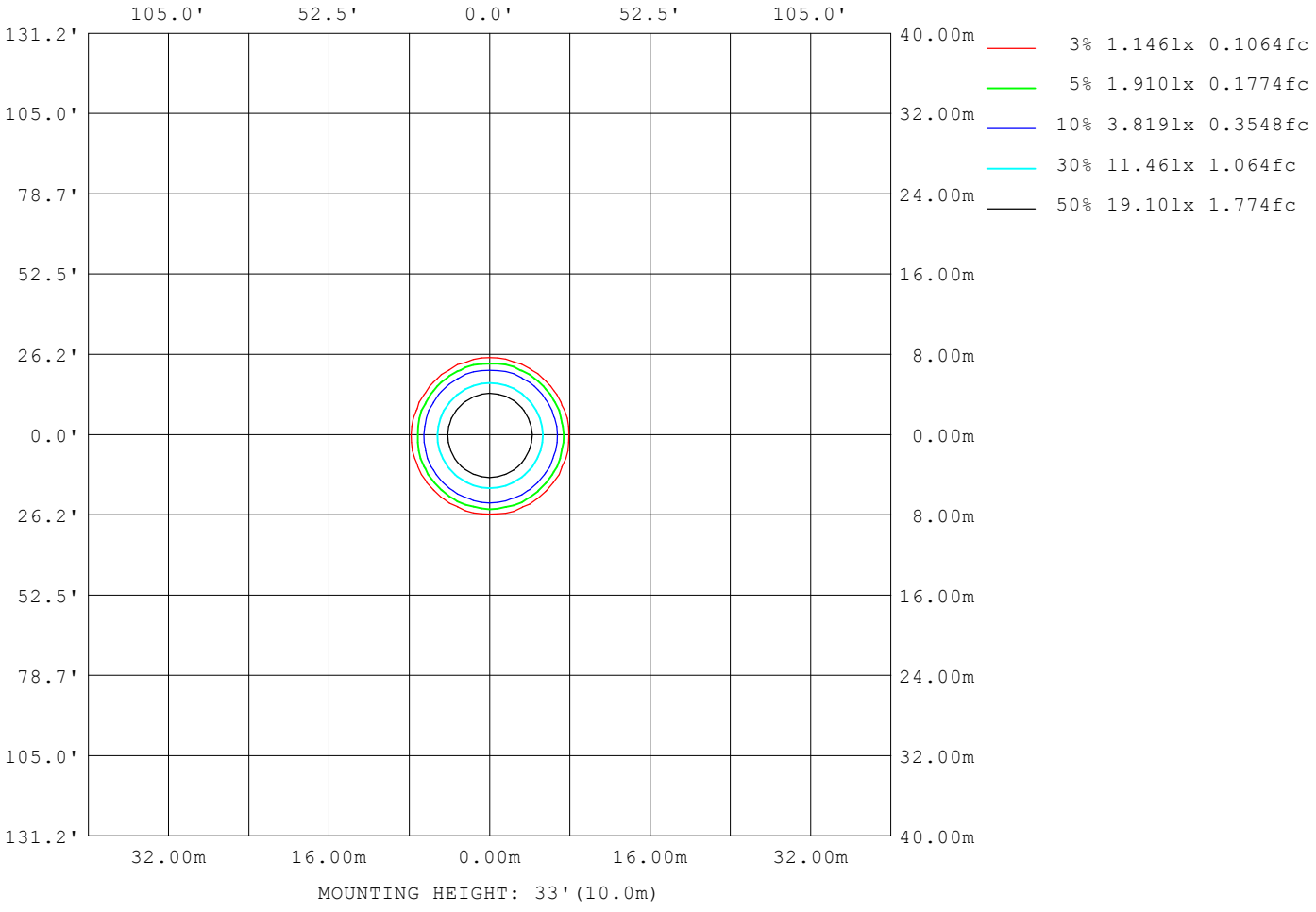
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-15

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-10X2701-5700K RA90 60D WHITE

ISOLUX DIAGRAM

Test:U:240.3V I:0.1422A P:33.9W PF:0.9926 Freq:49.99Hz UTHDi:0.41% ITHDi:23.43% KDisp:0.9960 Lamp Flux:2829.19x1 lm		
NAME: HCP-10X2701-5700K 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:0.1422A P:33.9W PF:0.9926 Freq:49.99Hz UTHDi:0.41% ITHDi:23.43% KDisp:0.9960 Lamp Flux:2829.19x1 lm		
NAME: HCP-10X2701-5700K RA90 60D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

AvgL	cd/m2
L_0~180(65)av	44278
L_0~180(75)av	39114
L_0~180(85)av	28365
L_90~270(65)av	44139
L_90~270(75)av	39005
L_90~270(85)av	28667
L_45(65)av	44186
L_45(75)av	39014
L_45(85)av	28399

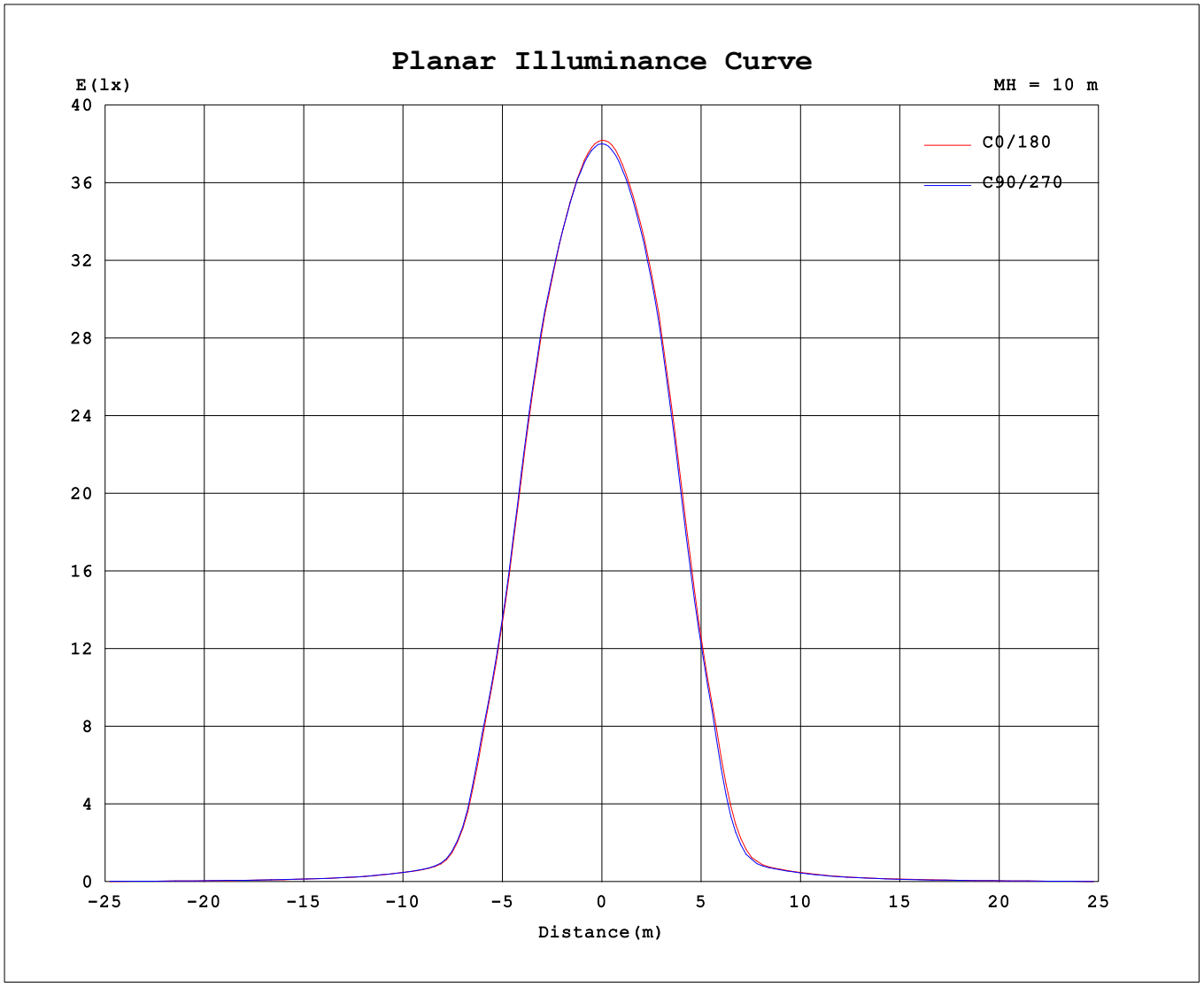
Standard: GB/T 29293-2012

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:

Photometric Filename: HCP-10X2701-5700K RA90 60D WHITE

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-10X2701-5700K RA90 60D WHITE

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:240.3V I:0.1422A P:33.9W PF:0.9926 Freq:49.99Hz UTHDi:0.41% ITHDi:23.43% KDisp:0.9960 Lamp Flux:2829.19x1 lm		
NAME: HCP-10X2701-5700K RA90 60D 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	3806	3806	3806	3806	3806	3806	3806	3806
5	3745	3748	3750	3756	3763	3762	3754	3742
10	3584	3596	3597	3608	3614	3608	3602	3592
15	3336	3342	3371	3379	3359	3318	3336	3334
20	2877	2887	2928	2891	2820	2747	2773	2821
25	2112	2146	2157	2119	2018	1932	1961	2024
30	1341	1387	1377	1323	1217	1130	1138	1242
35	496	546	517	471	407	358	350	406
40	176	183	184	181	174	170	165	170
45	136	140	139	140	138	132	132	133
50	107	111	109	109	107	103	103	103
55	87.1	88.9	89.5	89.5	88.4	85.8	84.8	84.9
60	72.9	75.1	75.5	75.7	74.3	72.1	71.3	71.4
65	62.2	64.4	64.6	63.7	61.3	58.7	58.5	59.7
70	48.6	50.6	50.4	49.0	46.3	43.8	44.0	45.8
75	34.9	36.8	36.4	34.5	31.9	29.9	30.3	32.1
80	21.7	23.4	22.8	20.9	18.6	17.0	17.6	19.2
85	9.59	10.8	10.3	8.57	6.72	5.69	6.24	7.63
90	0.18	0.16	0.18	0.17	0.20	0.20	0.21	0.19

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-10X2701-5700K 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	3806	3806	3806	3806	3806	3806	3806	3806
3.0	3783	3782	3786	3791	3796	3791	3787	3781
6.0	3718	3723	3725	3735	3741	3740	3729	3719
9.0	3622	3634	3635	3643	3649	3646	3640	3628
12.0	3498	3507	3519	3531	3531	3513	3516	3505
15.0	3336	3342	3371	3379	3359	3318	3336	3334
18.0	3098	3101	3142	3123	3069	3004	3032	3066
21.0	2750	2759	2793	2763	2669	2596	2615	2674
24.0	2283	2312	2328	2281	2188	2102	2121	2198
27.0	1792	1817	1829	1784	1684	1624	1641	1707
30.0	1341	1387	1377	1323	1217	1130	1138	1242
33.0	804.9	867.3	848.9	755.2	659.0	582.7	573.4	666.5
36.0	383.6	421.6	401.2	366.8	313.1	283.6	269.7	318.3
39.0	196.4	220.9	207.3	199.5	186.7	181.6	176.0	183.1
42.0	154.9	159.4	159.3	160.2	157.2	152.9	149.8	151.3
45.0	136.1	140.1	139.3	140.3	137.8	132.1	131.8	133.2
48.0	120.1	124.0	122.6	121.4	117.7	112.1	112.3	114.5
51.0	101.7	105.1	104.6	104.8	103.0	98.78	98.47	98.71
54.0	90.55	92.66	92.97	92.73	91.66	88.80	87.76	87.86
57.0	81.02	82.90	83.53	83.71	82.46	79.86	79.12	79.14
60.0	72.90	75.11	75.46	75.69	74.31	72.06	71.30	71.39
63.0	66.92	68.75	69.41	69.44	67.59	64.87	64.57	65.31
66.0	59.55	61.55	61.66	60.73	58.27	55.70	55.62	56.95
69.0	51.40	53.37	53.23	51.93	49.22	46.76	46.88	48.55
72.0	43.15	45.06	44.75	43.11	40.37	38.12	38.42	40.23
75.0	34.95	36.81	36.36	34.53	31.87	29.85	30.27	32.10
78.0	26.89	28.66	28.07	26.22	23.74	22.02	22.52	24.25
81.0	19.17	20.77	20.13	18.26	16.06	14.62	15.20	16.79
84.0	11.85	13.18	12.59	10.90	8.944	7.809	8.371	9.854
87.0	5.188	6.199	5.693	4.168	2.546	1.663	2.209	3.487
90.0	0.1847	0.1631	0.1839	0.1663	0.1976	0.2039	0.2136	0.1917

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: