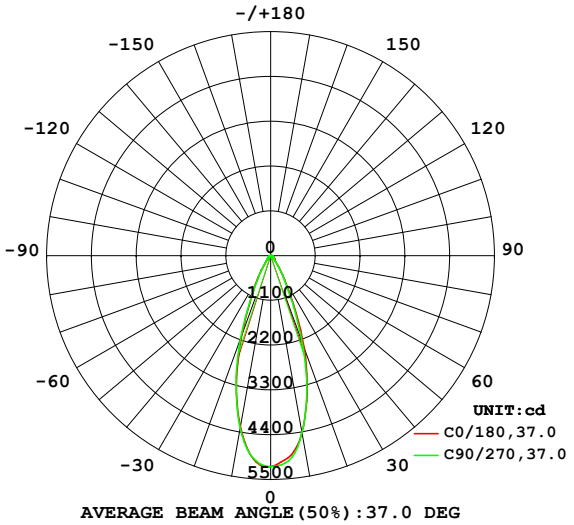
Photometric Filename: HCP-10X2701-5700K RA90 36D WHITE

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:240.2V I:0.1166A P:27.8W PF:0.9908 Freq:49.99Hz UTHDi:0.40% ITHDi:5.40% KDisp:0.9949 Lamp Flux:2404.37x1 lm		
NAME: HCP-10X2701-5700K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

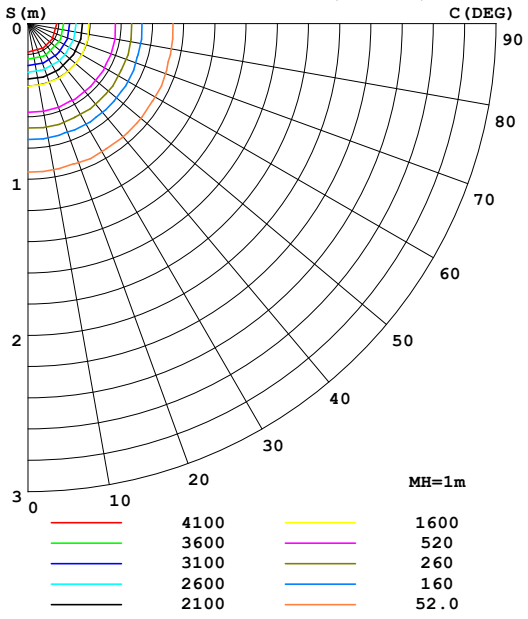
DATA OF LAMP		PHOTOMETRIC DATA Eff: 86.60 lm/W			
MODEL		Imax(cd)	5187	S/MH(C0/180)	0.57
NOMINAL POWER(W)	29	LOR(%)	100.0	S/MH(C90/270)	0.58
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	2404.4	η UP,DN(C0-180)	0.0,51.6
NOMINAL FLUX(lm)	2404.37	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,48.4
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	240.22	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	4425	4479	4429	4340	4282	4276	4305	4348	0- 10	457.3	457.3	19,19
20	2421	2404	2288	2153	2070	2040	2165	2309	10- 20	914.8	1372	57.1,57.1
30	696.4	756.7	690.2	651.4	634.7	598.2	587.4	610.0	20- 30	581.0	1953	81.2,81.2
40	182.2	185.3	166.3	157.7	150.2	150.9	159.6	173.6	30- 40	219.7	2173	90.4,90.4
50	97.94	95.35	89.10	84.70	82.67	84.49	90.97	96.84	40- 50	91.66	2265	94.2,94.2
60	59.65	57.75	54.86	53.04	52.03	52.69	55.96	58.94	50- 60	63.54	2328	96.8,96.8
70	37.62	36.48	33.92	31.78	30.73	31.32	34.15	36.69	60- 70	44.74	2373	98.7,98.7
80	16.74	15.91	13.84	12.17	11.51	12.07	14.09	15.89	70- 80	25.01	2398	99.7,99.7
90	0.2626	0.1188	0.1511	0.1360	0.1580	0.1519	0.1463	0.1247	80- 90	6.555	2404	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): 2223.1 lm

%lum = 92.5%
%lamp = 92.5%

Conical surface Flux(120deg): 2328.1 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:

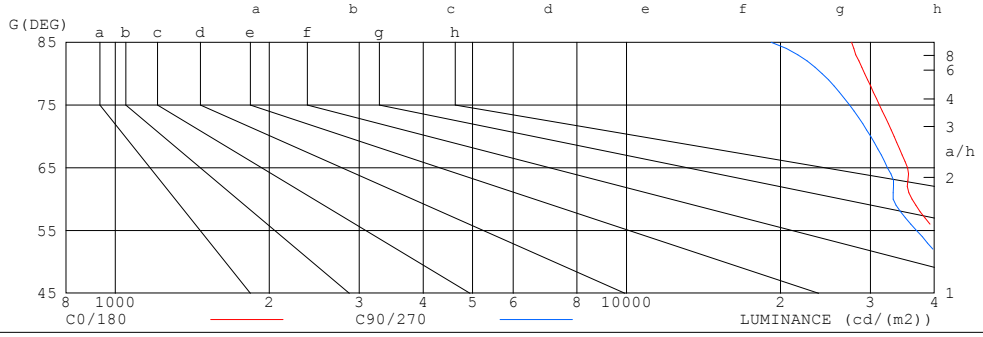
Photometric Filename: HCP-10X2701-5700K RA90 36D WHITE

LUMINANCE LIMITATION CURVES

Test:U:240.2V I:0.1166A P:27.8W PF:0.9908 Freq:49.99Hz **UTHDi:0.40% ITHDi:5.40% KDisp:0.9949 Lamp Flux:2404.37x1 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	27540	19194
80	29235	24143
75	31255	27314
70	33358	30031
65	35473	32367
60	36179	33226
55	40205	36928
50	46207	41978
45	52990	49309

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

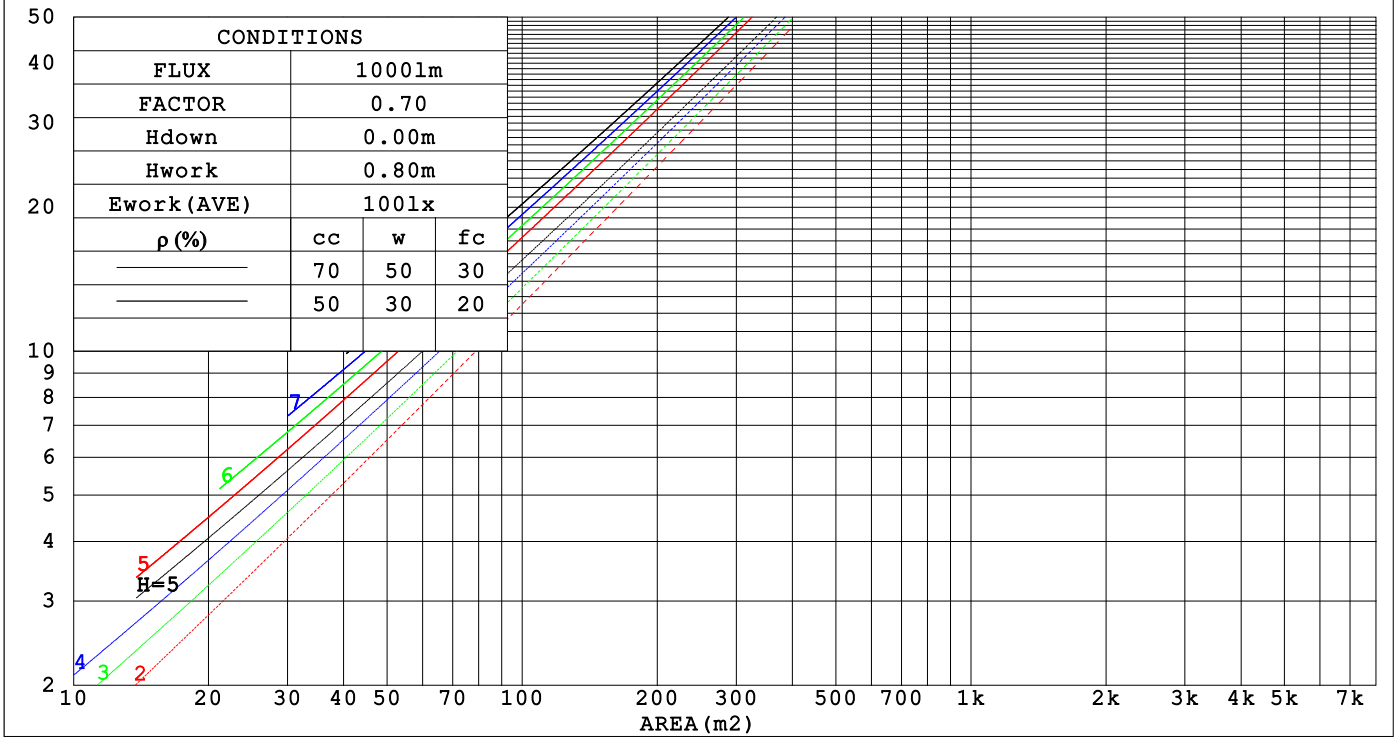
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:240.2V I:0.1166A P:27.8W PF:0.9908 Freq:49.99Hz UTHDi:0.40% ITHDi:5.40% KDisp:0.9949 Lamp Flux:2404.37x1 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	.78	.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	.75	.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:240.2V I:0.1166A P:27.8W PF:0.9908 Freq:49.99Hz UTHDi:0.40% ITHDi:5.40% KDisp:0.9949 Lamp Flux:2404.37x1 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	.024	.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	.061	.018	.115	.060	.018	.110	.058	.017	
7.0	.122	.060	.017	.120	.060	.017	.114	.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	.097	.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:240.2V I:0.1166A P:27.8W PF:0.9908 Freq:49.99Hz UTHDi:0.40% ITHDi:5.40% KDisp:0.9949 Lamp Flux:2404.37x1 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	21.2	22.1	21.5	22.3	22.4	21.0	21.8	21.2	22.0	22.2
	3H	22.2	23.0	22.4	23.2	23.4	21.8	22.6	22.1	22.8	23.0
	4H	22.6	23.4	22.9	23.6	23.8	22.2	23.0	22.5	23.2	23.4
	6H	22.9	23.7	23.2	23.9	24.1	22.5	23.2	22.8	23.4	23.7
	8H	23.1	23.7	23.4	24.0	24.3	22.6	23.2	22.9	23.5	23.8
	12H	23.1	23.8	23.5	24.1	24.3	22.6	23.3	22.9	23.5	23.8
4H	2H	21.5	22.3	21.8	22.5	22.7	21.3	22.1	21.6	22.3	22.5
	3H	22.7	23.4	23.0	23.6	23.9	22.4	23.0	22.7	23.3	23.6
	4H	23.2	23.8	23.6	24.1	24.4	22.9	23.5	23.2	23.8	24.1
	6H	23.7	24.2	24.1	24.6	24.9	23.3	23.8	23.6	24.1	24.5
	8H	23.9	24.4	24.3	24.7	25.1	23.4	23.9	23.8	24.2	24.6
	12H	24.0	24.5	24.4	24.8	25.2	23.5	23.9	23.9	24.3	24.7
8H	4H	23.4	23.9	23.8	24.3	24.6	23.1	23.6	23.5	23.9	24.3
	6H	24.0	24.4	24.4	24.8	25.2	23.6	24.0	24.0	24.4	24.8
	8H	24.2	24.6	24.7	25.0	25.5	23.8	24.2	24.2	24.6	25.0
	12H	24.4	24.7	24.9	25.2	25.7	23.9	24.2	24.4	24.7	25.1
12H	4H	23.4	23.9	23.8	24.2	24.6	23.1	23.5	23.5	23.9	24.3
	6H	24.0	24.4	24.5	24.8	25.2	23.6	24.0	24.1	24.4	24.9
	8H	24.3	24.6	24.8	25.1	25.5	23.9	24.2	24.3	24.6	25.1

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 / - 0.3	+ 0.9 / - 0.5
2.0H	+ 0.5 / - 0.4	+ 0.5 / - 0.5

CIE Pub.117, 2404 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:2023-11-16

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:240.2V I:0.1166A P:27.8W PF:0.9908 Freq:49.99Hz UTHDi:0.40% ITHDi:5.40% KDisp:0.9949 Lamp Flux:2404.37x1 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	93	101	96	92	99	94	91	87
1.50	105	100	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	

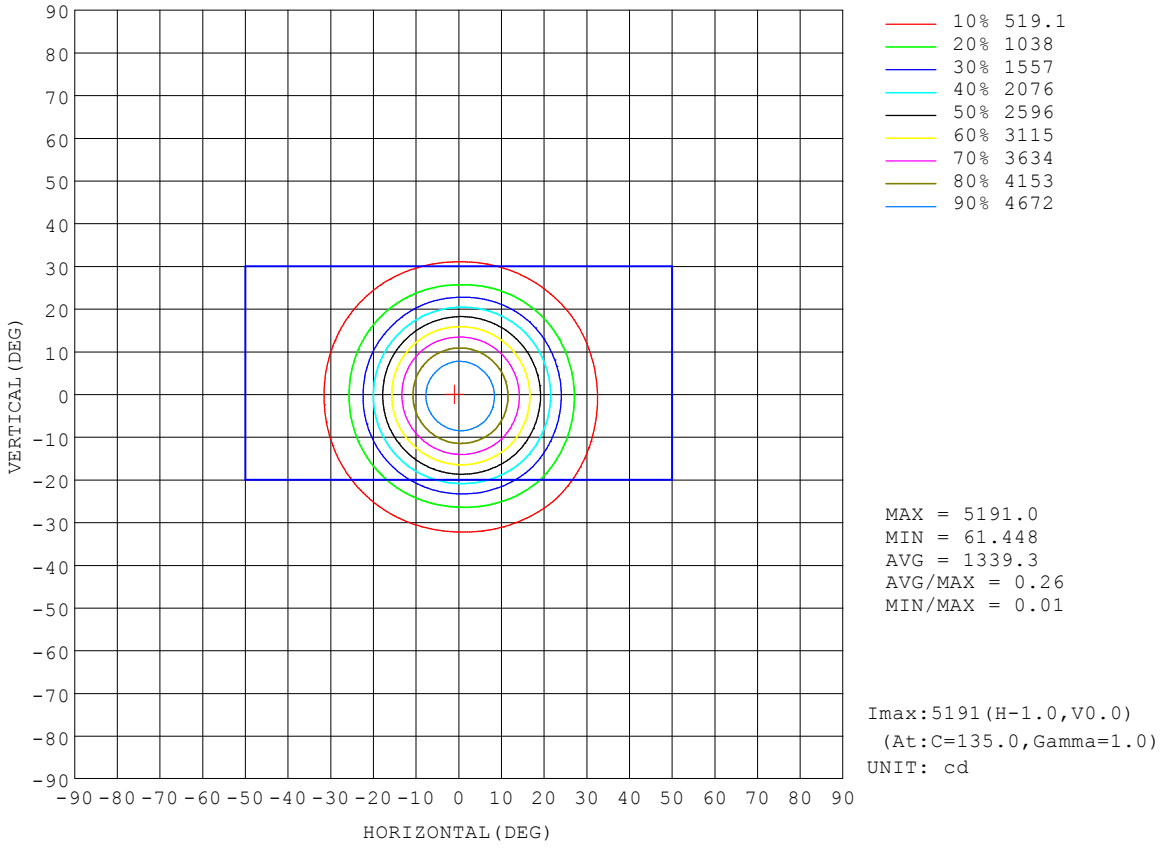
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-16

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:240.2V I:0.1166A P:27.8W PF:0.9908 Freq:49.99Hz UTHDi:0.40% ITHDi:5.40% KDisp:0.9949 Lamp Flux:2404.37x1 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

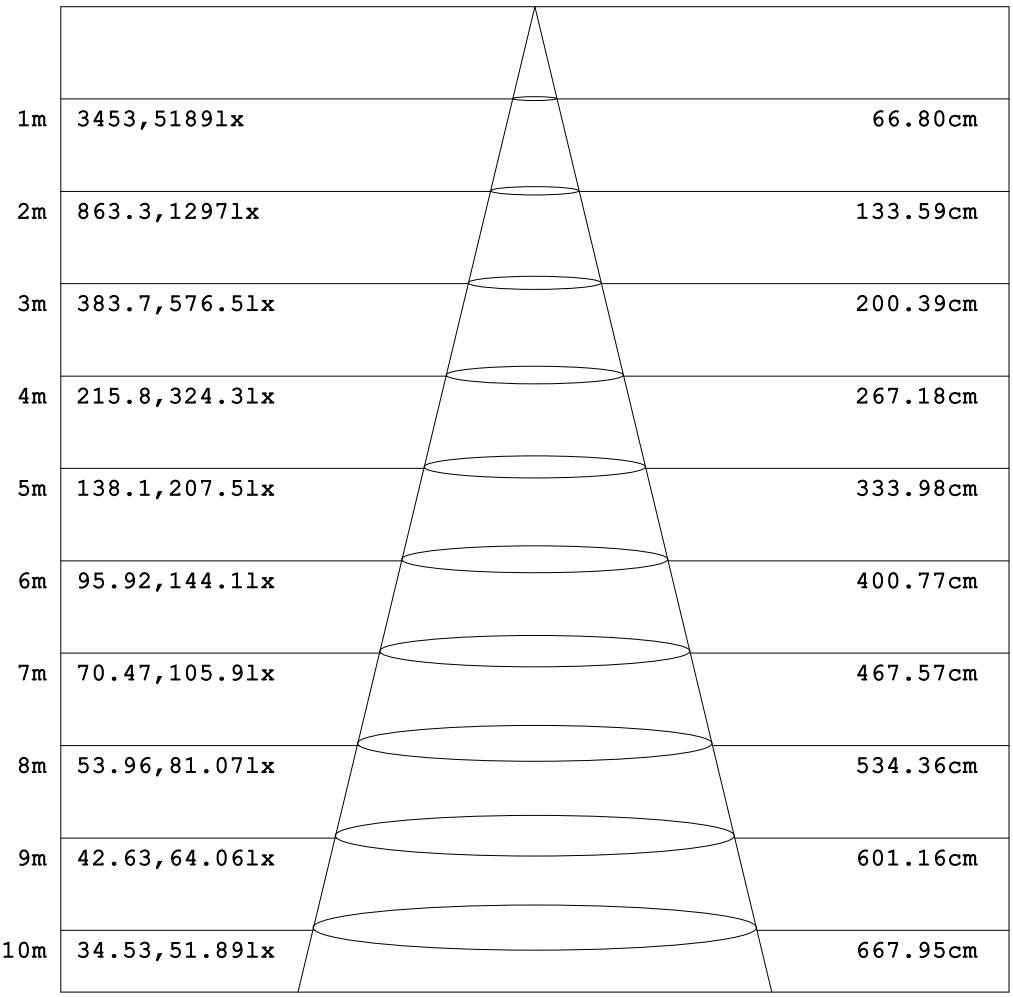
γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks:

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

AAI Figure

Test:U:240.2V I:0.1166A P:27.8W PF:0.9908 Freq:49.99Hz UTHDi:0.40% ITHDi:5.40% KDisp:0.9949 Lamp Flux:2404.37x1 lm		
NAME: HCP-10X2701-5700K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

Flux out:1286 lm



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

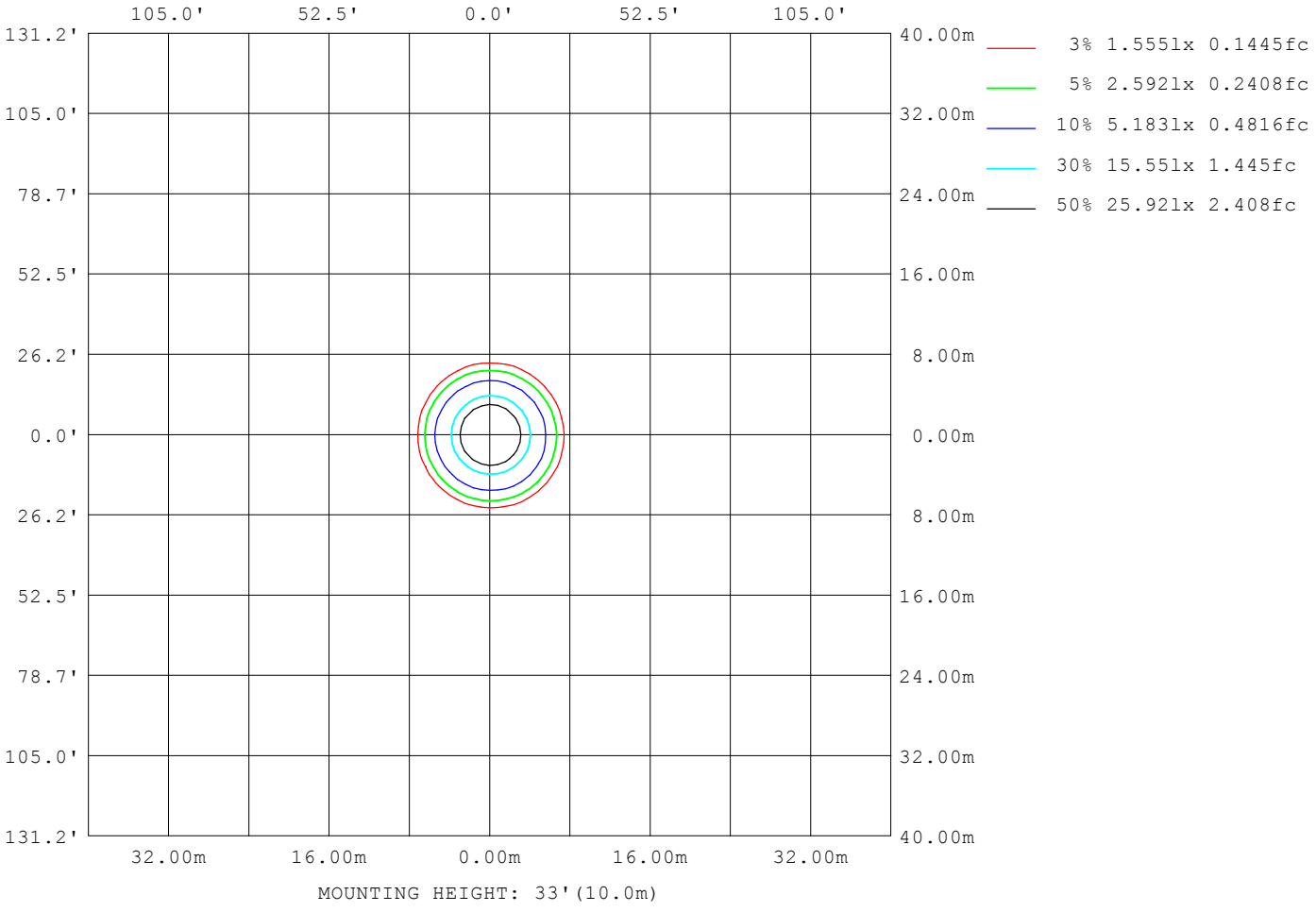
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-16

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:240.2V I:0.1166A P:27.8W PF:0.9908 Freq:49.99Hz UTHDi:0.40% ITHDi:5.40% KDisp:0.9949 Lamp Flux:2404.37x1 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:240.2V I:0.1166A P:27.8W PF:0.9908 Freq:49.99Hz UTHDi:0.40% ITHDi:5.40% KDisp:0.9949 Lamp Flux:2404.37x1 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	32649
L_0~180(75)av	27701
L_0~180(85)av	19837
L_90~270(65)av	32557
L_90~270(75)av	27463
L_90~270(85)av	19419
L_45(65)av	32601
L_45(75)av	27549
L_45(85)av	19534

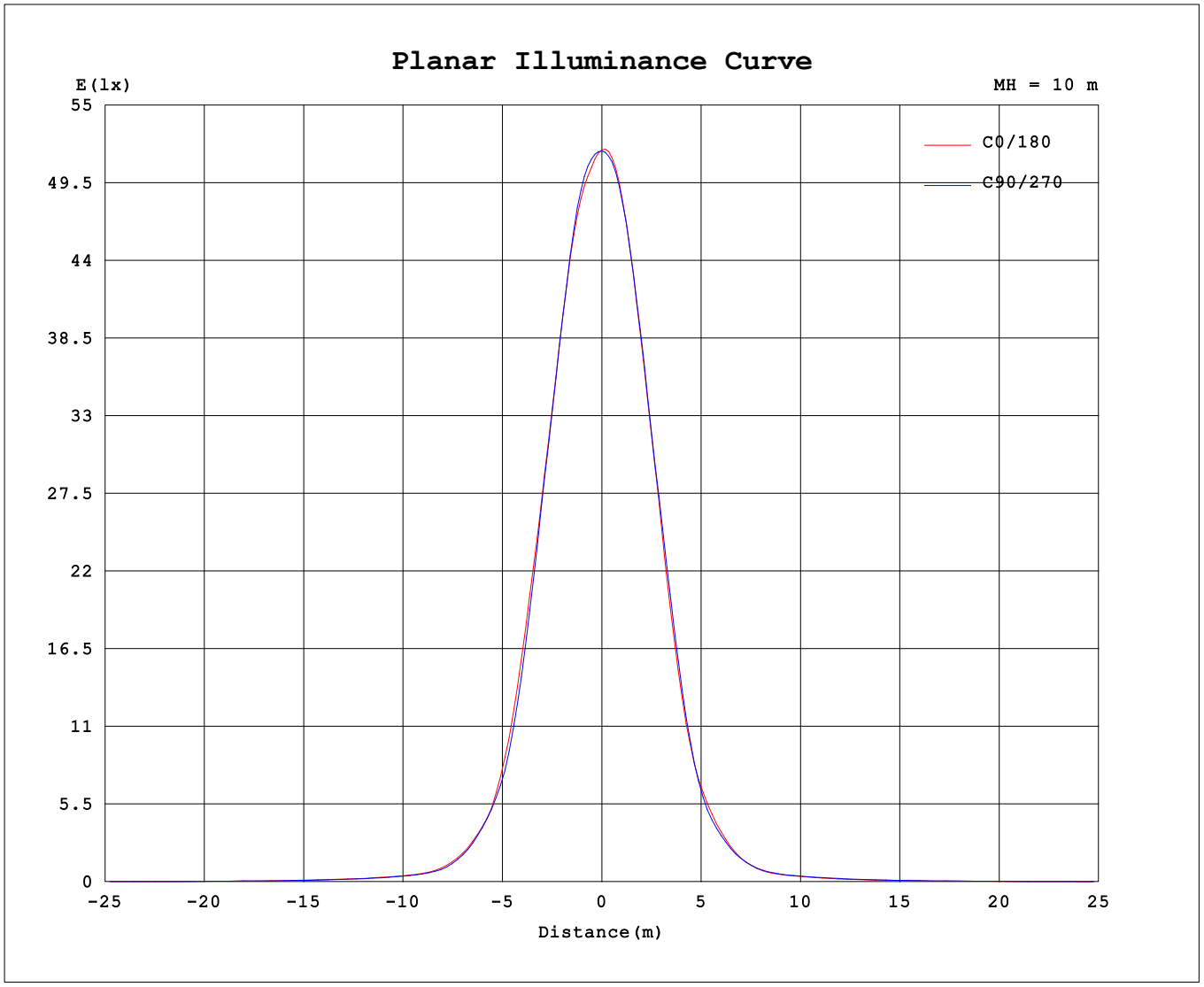
Standard: GB/T 29293-2012

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:

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

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:240.2V I:0.1166A P:27.8W PF:0.9908 Freq:49.99Hz UTHDi:0.40% ITHDi:5.40% KDisp:0.9949 Lamp Flux:2404.37x1 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	5180	5180	5180	5180	5180	5180	5180	5180
5	4980	5014	5056	5037	5005	4987	4990	4973
10	4425	4479	4429	4340	4282	4276	4305	4348
15	3467	3521	3443	3319	3264	3266	3290	3360
20	2421	2404	2288	2153	2070	2040	2165	2309
25	1375	1401	1246	1164	1124	1112	1135	1271
30	696	757	690	651	635	598	587	610
35	371	387	347	322	309	300	303	334
40	182	185	166	158	150	151	160	174
45	124	123	115	111	108	109	116	122
50	97.9	95.3	89.1	84.7	82.7	84.5	91.0	96.8
55	76.0	73.5	69.9	66.4	64.4	65.5	71.1	75.5
60	59.6	57.8	54.9	53.0	52.0	52.7	56.0	58.9
65	49.4	48.1	45.2	42.9	41.6	42.3	45.6	48.6
70	37.6	36.5	33.9	31.8	30.7	31.3	34.2	36.7
75	26.7	25.7	23.3	21.5	20.6	21.2	23.6	25.8
80	16.7	15.9	13.8	12.2	11.5	12.1	14.1	15.9
85	7.91	7.20	5.52	4.08	3.50	4.03	5.65	7.16
90	0.26	0.12	0.15	0.14	0.16	0.15	0.15	0.12

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	5180	5180	5180	5180	5180	5180	5180	5180
3.0	5075	5100	5143	5153	5142	5129	5121	5089
6.0	4916	4951	4980	4940	4897	4877	4891	4888
9.0	4584	4637	4605	4516	4460	4446	4476	4516
12.0	4060	4120	4060	3960	3894	3907	3929	3984
15.0	3467	3521	3443	3319	3264	3266	3290	3360
18.0	2836	2871	2766	2618	2542	2539	2644	2724
21.0	2191	2186	2051	1935	1841	1805	1937	2089
24.0	1562	1563	1418	1326	1275	1259	1308	1462
27.0	1051	1090	966.7	915.9	897.6	869.1	849.0	947.0
30.0	696.4	756.7	690.2	651.4	634.7	598.2	587.4	610.0
33.0	488.0	516.4	466.0	436.2	421.4	403.0	400.6	430.7
36.0	319.1	333.5	296.0	274.3	262.9	258.9	262.5	291.2
39.0	206.6	215.1	187.9	177.4	168.5	168.9	177.3	194.5
42.0	148.8	149.7	138.3	132.4	127.3	127.8	136.1	145.1
45.0	123.6	123.0	115.1	111.1	108.1	108.7	116.0	121.8
48.0	107.7	106.5	98.64	93.35	91.08	93.69	101.1	106.4
51.0	93.45	90.54	84.87	80.67	78.65	80.30	86.67	92.15
54.0	80.09	77.36	73.50	69.87	67.74	68.85	74.72	79.34
57.0	68.87	66.71	63.15	60.04	58.48	59.64	64.31	68.22
60.0	59.65	57.75	54.86	53.04	52.03	52.69	55.96	58.94
63.0	53.19	52.08	49.87	47.58	46.19	46.95	50.47	52.74
66.0	47.03	45.62	42.91	40.64	39.42	40.07	43.28	46.05
69.0	39.93	38.72	36.13	33.98	32.85	33.47	36.40	38.97
72.0	33.15	32.05	29.56	27.53	26.58	27.16	29.83	32.18
75.0	26.67	25.70	23.34	21.46	20.64	21.20	23.57	25.76
78.0	20.59	19.72	17.51	15.75	15.02	15.61	17.76	19.72
81.0	14.88	14.06	12.07	10.43	9.791	10.34	12.31	14.07
84.0	9.598	8.841	7.087	5.569	4.985	5.532	7.230	8.836
87.0	4.720	4.076	2.576	1.241	0.6409	1.174	2.658	4.038
90.0	0.2626	0.1188	0.1511	0.1360	0.1580	0.1519	0.1463	0.1247

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: