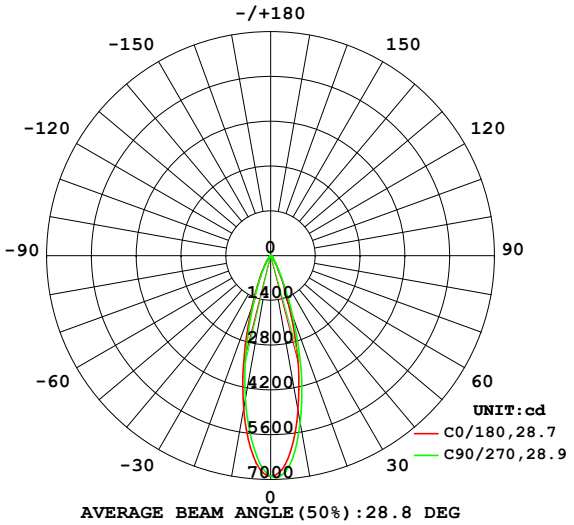
Photometric Filename: HCP-10X2701-2700K RA90 24D WHITE

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:240.3V I:0.1170A P:27.8W PF:0.9908 Freq:49.99Hz UTHDi:0.29% ITHDi:10.30% KDisp:0.9943 Lamp Flux:2152.4x1 lm		
NAME: HCP-10X2701-2700K RA90 24D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

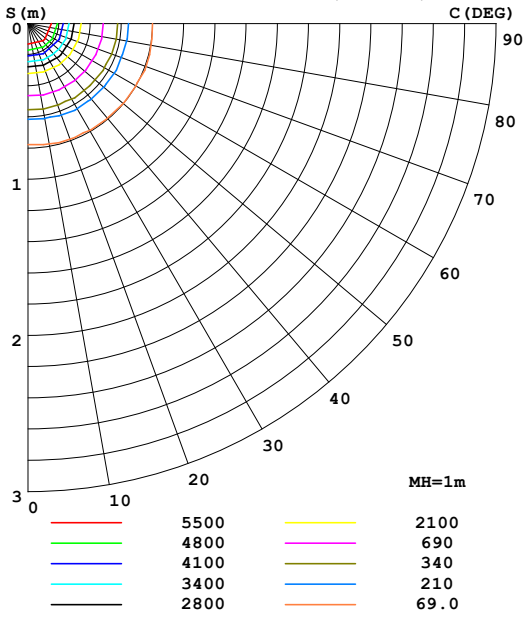
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 77.29 lm/W	
MODEL		Imax(cd)	6936	S/MH(C0/180)	0.48
NOMINAL POWER(W)	29	LOR(%)	100.0	S/MH(C90/270)	0.45
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	2152.4	η UP,DN(C0-180)	0.0,52.7
NOMINAL FLUX(lm)	2152.4	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,47.3
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	240.3	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	4932	5244	5315	5149	4862	4628	4559	4679	0- 10	557.6	557.6	25.9,25.9
20	1721	1984	2023	1929	1738	1625	1570	1583	10- 20	883.9	1441	67,67
30	402.6	467.4	483.5	486.2	458.5	450.9	420.3	398.0	20- 30	425.5	1867	86.7,86.7
40	101.8	116.0	120.9	119.8	111.5	102.9	97.67	98.23	30- 40	146.4	2013	93.5,93.5
50	56.43	58.86	58.76	57.69	54.98	52.20	51.19	53.76	40- 50	58.90	2072	96.3,96.3
60	31.61	32.66	32.72	32.57	31.41	30.39	30.14	30.34	50- 60	37.39	2110	98,98
70	19.23	20.18	20.14	19.65	18.87	17.98	17.93	18.28	60- 70	25.05	2135	99.2,99.2
80	8.353	8.981	8.906	8.307	7.598	6.976	7.079	7.529	70- 80	14.04	2149	99.8,99.8
90	0.1053	0.0800	0.1109	0.0794	0.0915	0.0916	0.1045	0.0890	80- 90	3.739	2152	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): 2046.1 lm

%lum = 95.1%
%lamp = 95.1%

Conical surface Flux(130deg): 2123.4 lm

%lum = 98.7%
%lamp = 98.7%

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:

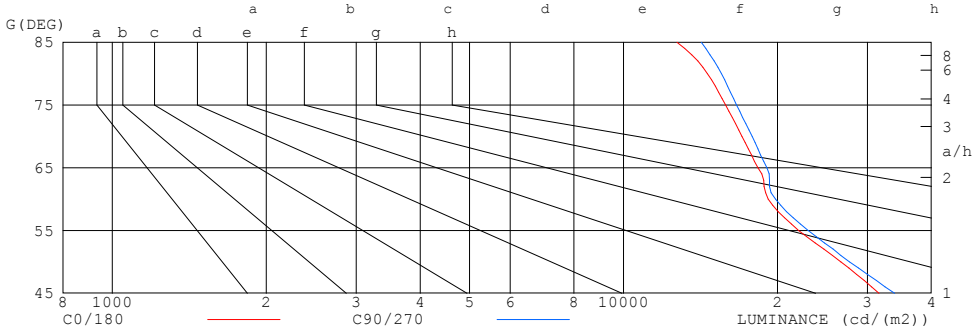
Photometric Filename: HCP-10X2701-2700K RA90 24D WHITE

LUMINANCE LIMITATION CURVES

Test:U:240.3V I:0.1170A P:27.8W PF:0.9908 Freq:49.99Hz **UTHDi:0.29% ITHDi:10.30% KDisp:0.9943 Lamp Flux:2152.4x1 lm**		
NAME: HCP-10X2701-2700K 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	12713	14184
80	14588	15538
75	15841	16638
70	17050	17840
65	18326	19085
60	19173	19825
55	22018	22976
50	26622	27691
45	31581	33917

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-10X2701-2700K RA90 24D WHITE

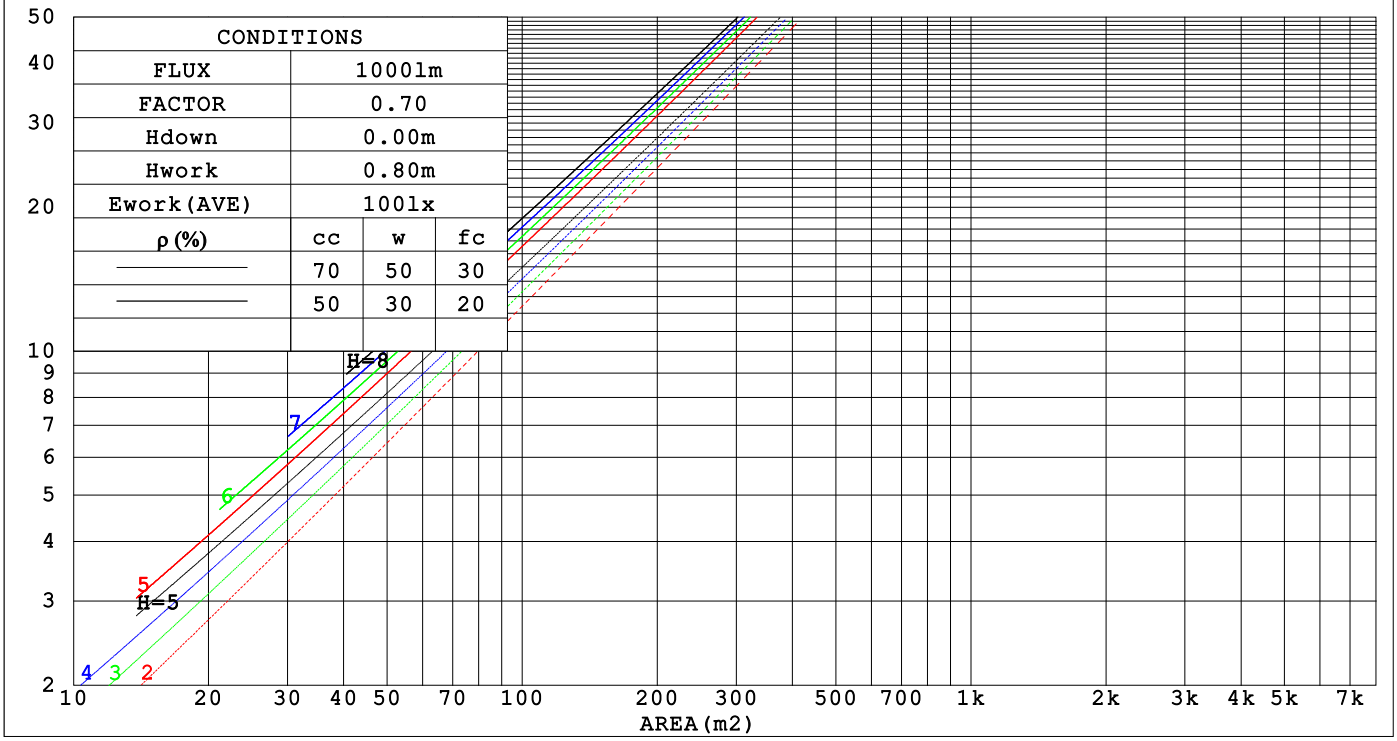
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:240.3V I:0.1170A P:27.8W PF:0.9908 Freq:49.99Hz UTHDi:0.29% ITHDi:10.30% KDisp:0.9943 Lamp Flux:2152.4x1 lm		
NAME: HCP-10X2701-2700K 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	.81	.77	.83	.80	.77	.82	.79	.77	.75
7.0	.83	.78	.75	.83	.78	.75	.81	.77	.74	.80	.77	.74	.79	.76	.74	.72
8.0	.80	.75	.72	.79	.75	.72	.78	.74	.71	.78	.74	.71	.77	.73	.71	.70
9.0	.77	.72	.69	.77	.72	.69	.76	.72	.69	.75	.71	.69	.74	.71	.68	.67
10.0	.74	.70	.67	.74	.69	.66	.73	.69	.66	.73	.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-10X2701-2700K RA90 24D WHITE

WEC AND CCEC

Test:U:240.3V I:0.1170A P:27.8W PF:0.9908 Freq:49.99Hz UTHDi:0.29% ITHDi:10.30% KDisp:0.9943 Lamp Flux:2152.4x1 lm		
NAME: HCP-10X2701-2700K 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	.081	.025	.143	.079	.024	.133	.074	.023	.123	.069	.022	.114	.065	.020	
3.0	.139	.074	.022	.134	.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	.057	.018	
5.0	.123	.063	.018	.120	.061	.018	.113	.059	.017	.107	.057	.017	.102	.054	.016	
6.0	.116	.058	.017	.113	.057	.016	.108	.055	.016	.103	.053	.016	.098	.051	.015	
7.0	.110	.055	.015	.108	.054	.015	.103	.052	.015	.098	.050	.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	.044	.013	.088	.043	.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	.028	.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:0.1170A P:27.8W PF:0.9908 Freq:49.99Hz UTHDi:0.29% ITHDi:10.30% KDisp:0.9943 Lamp Flux:2152.4x1 lm		
NAME: HCP-10X2701-2700K 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	17.8	18.6	18.0	18.7	18.9	18.2	19.0	18.4	19.1	19.3
	3H	18.6	19.3	18.8	19.5	19.7	18.9	19.6	19.2	19.8	20.0
	4H	18.9	19.6	19.2	19.8	20.0	19.3	20.0	19.5	20.2	20.4
	6H	19.2	19.8	19.5	20.1	20.3	19.5	20.2	19.8	20.4	20.7
	8H	19.3	19.9	19.6	20.1	20.4	19.6	20.3	19.9	20.5	20.8
	12H	19.3	19.9	19.6	20.2	20.5	19.7	20.3	20.0	20.6	20.8
4H	2H	18.1	18.7	18.3	19.0	19.2	18.4	19.1	18.7	19.3	19.5
	3H	19.0	19.6	19.4	19.9	20.2	19.4	20.0	19.7	20.2	20.5
	4H	19.5	20.1	19.9	20.4	20.7	19.8	20.4	20.2	20.7	21.0
	6H	19.9	20.4	20.3	20.7	21.1	20.2	20.7	20.6	21.0	21.4
	8H	20.1	20.5	20.4	20.9	21.2	20.4	20.8	20.7	21.2	21.5
	12H	20.1	20.6	20.5	20.9	21.3	20.5	20.9	20.9	21.2	21.6
8H	4H	19.7	20.1	20.1	20.5	20.9	20.0	20.4	20.4	20.8	21.1
	6H	20.2	20.6	20.6	21.0	21.4	20.5	20.9	20.9	21.2	21.7
	8H	20.4	20.8	20.9	21.2	21.6	20.7	21.0	21.1	21.4	21.9
	12H	20.6	20.9	21.0	21.3	21.8	20.9	21.1	21.3	21.6	22.1
12H	4H	19.7	20.1	20.1	20.5	20.9	20.0	20.4	20.4	20.7	21.1
	6H	20.2	20.6	20.7	21.0	21.4	20.5	20.8	20.9	21.3	21.7
	8H	20.5	20.8	21.0	21.2	21.7	20.8	21.0	21.2	21.5	21.9

Variations with the observer position at spacings(CIE Pub.117):		
S = 1.0H	+ 0.5 / - 0.6	+ 0.8 / - 0.7
1.5H	+ 0.8 / - 0.4	+ 1.4 / - 0.5
2.0H	+ 0.7 / - 0.6	+ 0.8 / - 0.6

CIE Pub.117, 2152 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 2.7)
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-10X2701-2700K RA90 24D WHITE

UTILIZATION FACTORS TABLE

Test:U:240.3V I:0.1170A P:27.8W PF:0.9908 Freq:49.99Hz UTHDi:0.29% ITHDi:10.30% KDisp:0.9943 Lamp Flux:2152.4x1 lm		
NAME: HCP-10X2701-2700K 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	78	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	105	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	

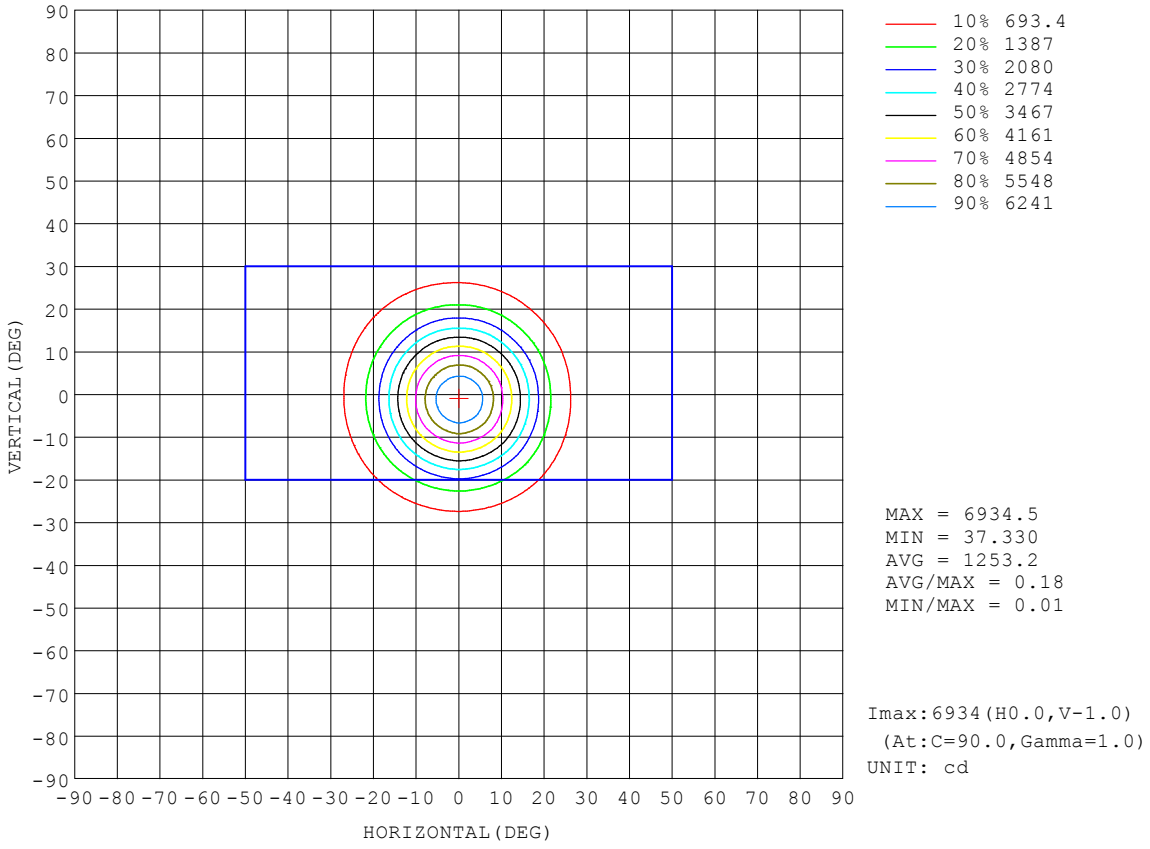
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-14

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-10X2701-2700K RA90 24D WHITE

ISOCANDELA DIAGRAM

Test:U:240.3V I:0.1170A P:27.8W PF:0.9908 Freq:49.99Hz UTHDi:0.29% ITHDi:10.30% KDisp:0.9943 Lamp Flux:2152.4x1 lm		
NAME: HCP-10X2701-2700K 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

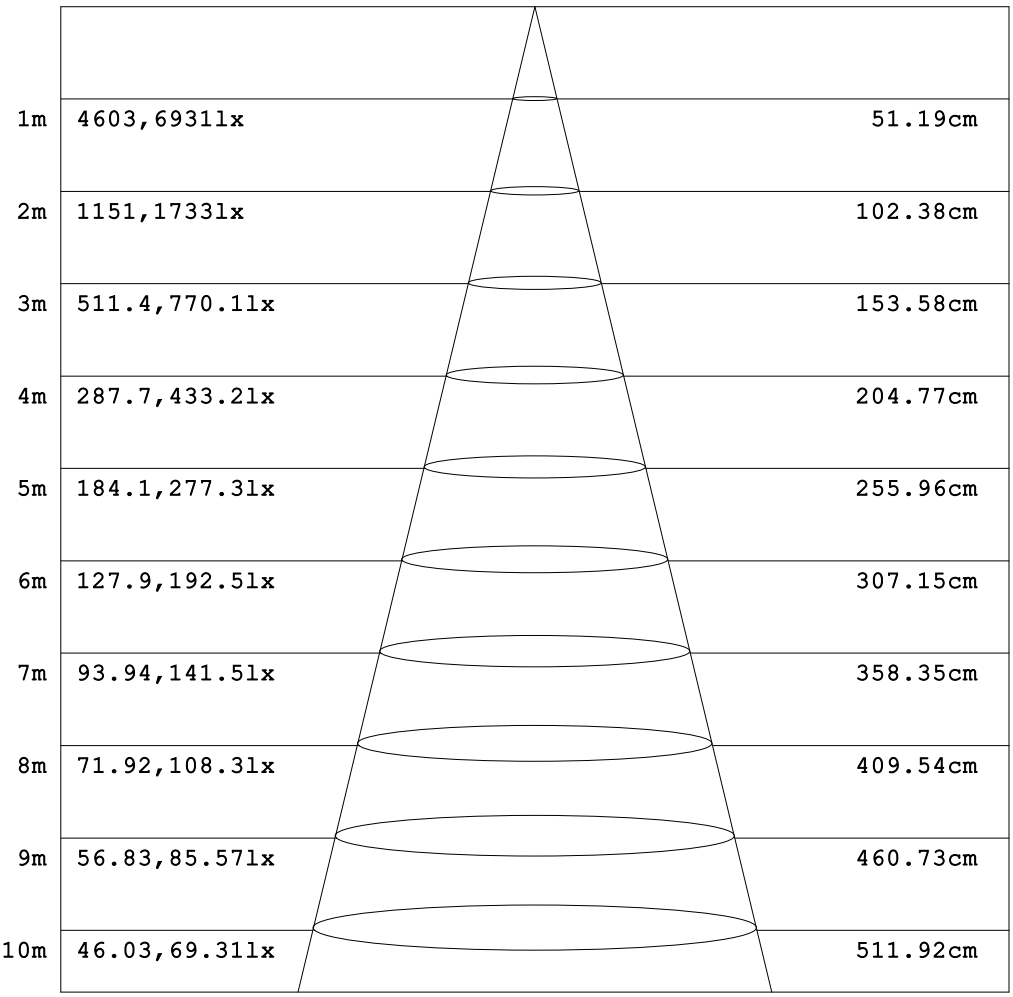
γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks:

Photometric Filename: HCP-10X2701-2700K RA90 24D WHITE

AAI Figure

Test:U:240.3V I:0.1170A P:27.8W PF:0.9908 Freq:49.99Hz UTHDi:0.29% ITHDi:10.30% KDisp:0.9943 Lamp Flux:2152.4x1 lm		
NAME: HCP-10X2701-2700K RA90 24D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

Flux out:1038 lm



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

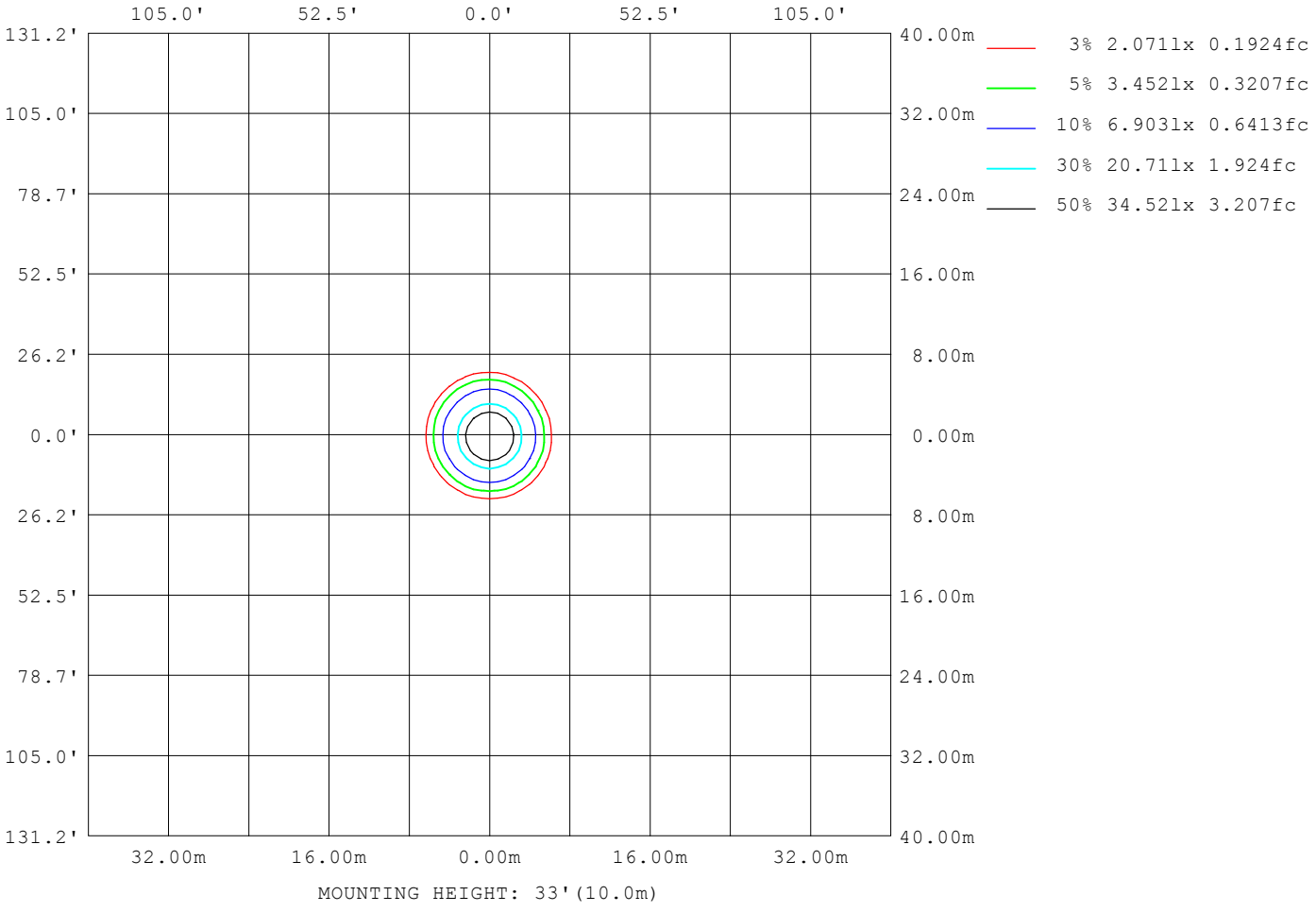
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-14

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-10X2701-2700K RA90 24D WHITE

ISOLUX DIAGRAM

Test:U:240.3V I:0.1170A P:27.8W PF:0.9908 Freq:49.99Hz UTHDi:0.29% ITHDi:10.30% KDisp:0.9943 Lamp Flux:2152.4x1 lm		
NAME: HCP-10X2701-2700K 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:0.1170A P:27.8W PF:0.9908 Freq:49.99Hz UTHDi:0.29% ITHDi:10.30% KDisp:0.9943 Lamp Flux:2152.4x1 lm		
NAME: HCP-10X2701-2700K RA90 24D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

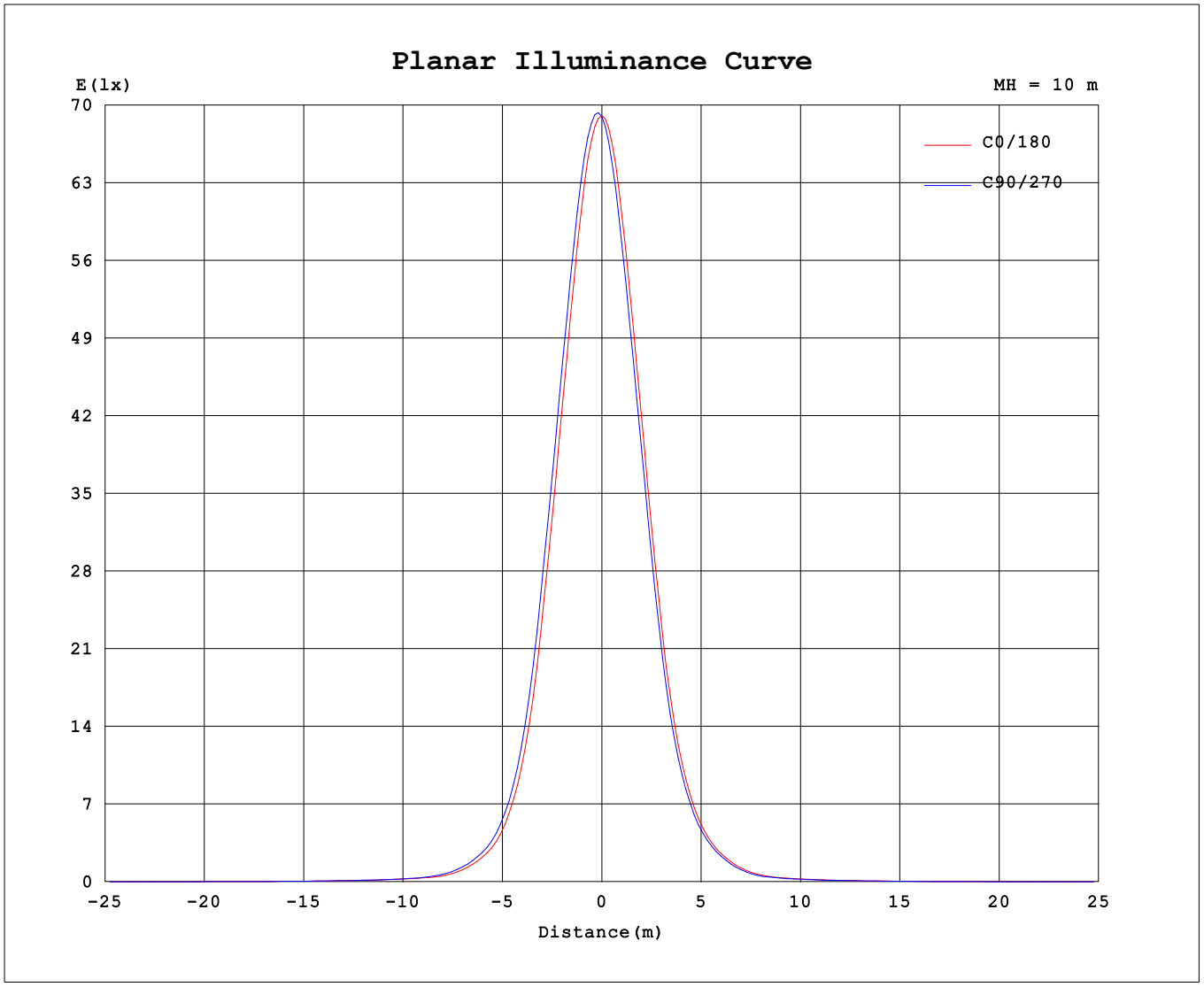
AvgL	cd/m2
L_0~180(65)av	18234
L_0~180(75)av	15484
L_0~180(85)av	11328
L_90~270(65)av	18174
L_90~270(75)av	15493
L_90~270(85)av	11322
L_45(65)av	18190
L_45(75)av	15467
L_45(85)av	11201

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-10X2701-2700K RA90 24D WHITE

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:240.3V I:0.1170A P:27.8W PF:0.9908 Freq:49.99Hz UTHDi:0.29% ITHDi:10.30% KDisp:0.9943 Lamp Flux:2152.4x1 lm		
NAME: HCP-10X2701-2700K 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	6898	6898	6898	6898	6898	6898	6898	6898
5	6349	6552	6610	6498	6286	6091	6039	6143
10	4932	5244	5315	5149	4862	4628	4559	4679
15	3266	3596	3671	3499	3205	2981	2925	3019
20	1721	1984	2023	1929	1738	1625	1570	1583
25	838	959	987	956	897	859	810	780
30	403	467	483	486	459	451	420	398
35	201	238	248	245	231	216	200	192
40	102	116	121	120	112	103	97.7	98.2
45	73.6	77.9	79.2	78.8	75.4	70.8	69.0	71.3
50	56.4	58.9	58.8	57.7	55.0	52.2	51.2	53.8
55	41.6	43.3	43.5	42.7	40.8	38.9	38.2	39.6
60	31.6	32.7	32.7	32.6	31.4	30.4	30.1	30.3
65	25.5	26.6	26.6	26.2	25.3	24.3	24.1	24.4
70	19.2	20.2	20.1	19.6	18.9	18.0	17.9	18.3
75	13.5	14.3	14.2	13.7	12.9	12.2	12.3	12.6
80	8.35	8.98	8.91	8.31	7.60	6.98	7.08	7.53
85	3.65	4.15	4.08	3.52	2.86	2.33	2.43	2.89
90	0.11	0.08	0.11	0.08	0.09	0.09	0.10	0.09

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-10X2701-2700K 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	6898	6898	6898	6898	6898	6898	6898	6898
3.0	6702	6831	6867	6802	6675	6538	6505	6573
6.0	6117	6345	6417	6273	6043	5829	5776	5882
9.0	5252	5549	5622	5457	5180	4945	4877	5000
12.0	4276	4603	4677	4506	4206	3977	3910	4021
15.0	3266	3596	3671	3499	3205	2981	2925	3019
18.0	2276	2572	2644	2500	2246	2086	2049	2076
21.0	1495	1714	1764	1670	1524	1431	1377	1374
24.0	962.5	1109	1142	1102	1026	972.3	928.8	909.1
27.0	611.8	710.3	736.5	720.8	684.0	658.1	618.1	585.1
30.0	402.6	467.4	483.5	486.2	458.5	450.9	420.3	398.0
33.0	270.1	315.4	326.9	324.9	307.2	295.8	275.1	262.6
36.0	172.0	207.0	214.6	212.9	196.3	181.7	168.9	164.3
39.0	113.0	131.1	137.4	135.9	125.6	115.4	108.7	108.6
42.0	87.28	95.24	98.16	98.02	92.80	86.83	83.05	84.97
45.0	73.63	77.94	79.16	78.81	75.37	70.79	68.99	71.30
48.0	63.03	65.73	66.28	65.41	62.44	58.71	57.58	60.37
51.0	53.23	55.55	55.32	54.31	51.67	49.13	48.13	50.73
54.0	44.21	46.17	46.24	45.34	43.20	41.15	40.41	42.14
57.0	37.08	38.43	38.63	38.11	36.53	34.88	34.37	35.31
60.0	31.61	32.66	32.72	32.57	31.41	30.39	30.14	30.34
63.0	28.16	28.88	28.92	28.78	28.21	26.99	26.69	27.13
66.0	24.20	25.21	25.24	24.78	23.99	22.99	22.80	23.17
69.0	20.43	21.38	21.38	20.89	20.12	19.22	19.14	19.46
72.0	16.88	17.76	17.70	17.18	16.41	15.60	15.60	15.94
75.0	13.52	14.31	14.21	13.70	12.93	12.20	12.25	12.64
78.0	10.36	11.05	10.96	10.39	9.664	9.014	9.084	9.525
81.0	7.371	7.973	7.896	7.301	6.602	5.995	6.096	6.554
84.0	4.539	5.076	4.997	4.424	3.757	3.199	3.302	3.765
87.0	1.938	2.388	2.326	1.801	1.179	0.6866	0.7810	1.224
90.0	0.1053	0.0800	0.1109	0.0794	0.0915	0.0916	0.1045	0.0890

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: