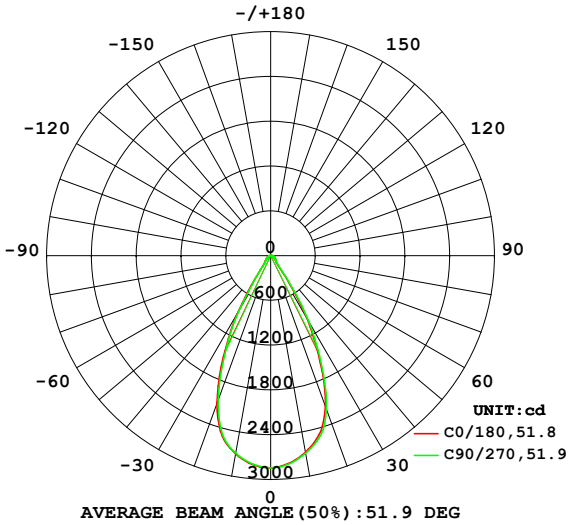
Photometric Filename: HCP-10X2701-2700K RA90 60D WHITE

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:240.3V I:0.1170A P:27.9W PF:0.9911 Freq:49.99Hz UTHDi:0.23% ITHDi:5.90% KDisp:0.9945 Lamp Flux:2112.34x1 lm		
NAME: HCP-10X2701-2700K RA90 60D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

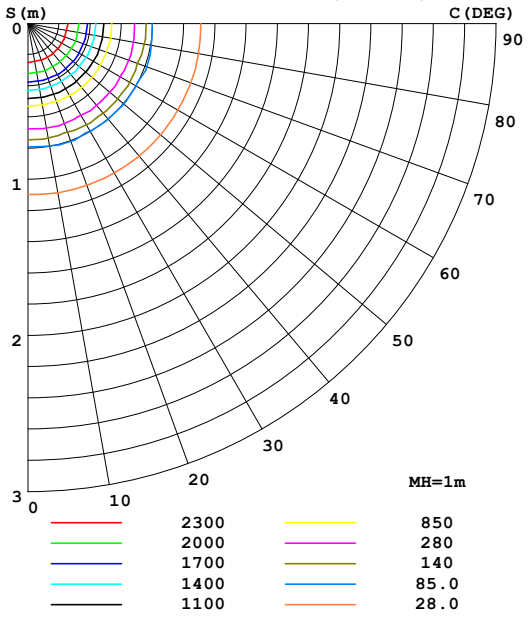
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 75.83 lm/W	
MODEL		Imax(cd)	2843	S/MH(C0/180)	0.77
NOMINAL POWER(W)	29	LOR(%)	100.0	S/MH(C90/270)	0.77
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	2112.3	η UP,DN(C0-180)	0.0,51.6
NOMINAL FLUX(lm)	2112.34	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,48.4
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	240.25	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:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	2676	2685	2690	2699	2699	2692	2689	2684	0- 10	263.9	263.9	12.5,12.5
20	2145	2166	2189	2171	2107	2045	2059	2107	10- 20	691.0	954.9	45.2,45.2
30	988.7	1045	1043	990.7	897.7	836.1	851.9	898.9	20- 30	695.5	1650	78.1,78.1
40	130.3	137.4	140.6	134.7	128.9	125.9	123.6	125.1	30- 40	245.4	1896	89.7,89.7
50	79.83	82.72	82.53	81.72	79.95	77.30	76.51	77.14	40- 50	78.89	1975	93.5,93.5
60	54.33	56.25	56.75	56.77	55.46	53.79	53.15	53.17	50- 60	59.00	2034	96.3,96.3
70	36.22	37.88	37.88	36.67	34.50	32.72	32.82	34.06	60- 70	45.27	2079	98.4,98.4
80	16.15	17.46	17.05	15.63	13.85	12.71	13.15	14.33	70- 80	26.36	2105	99.7,99.7
90	0.1354	0.1169	0.1324	0.1198	0.1424	0.1500	0.1581	0.1403	80- 90	7.046	2112	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): 1938.1 lm

%lum = 91.7%
%lamp = 91.7%

Conical surface Flux(130deg): 2058.3 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:

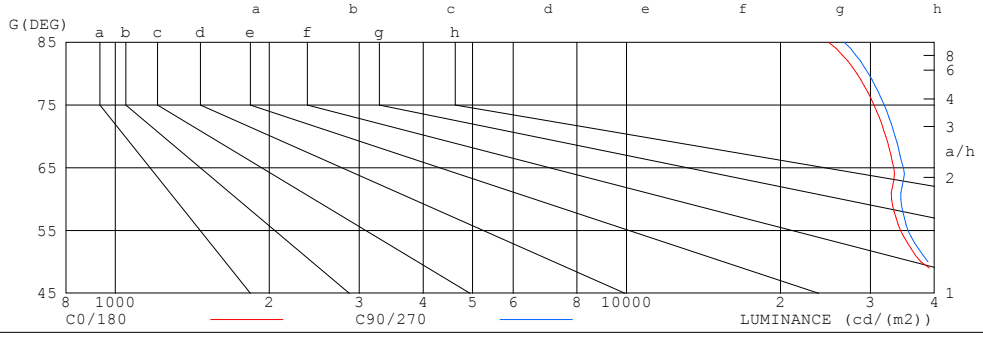
Photometric Filename: HCP-10X2701-2700K RA90 60D WHITE

LUMINANCE LIMITATION CURVES

Test:U:240.3V I:0.1170A P:27.9W PF:0.9911 Freq:49.99Hz **UTHDi:0.23% ITHDi:5.90% KDisp:0.9945 Lamp Flux:2112.34x1 lm**		
NAME: HCP-10X2701-2700K 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	24847	26650
80	28236	29749
75	30500	31919
70	32144	33545
65	33321	34795
60	32982	34381
55	34337	35517
50	37699	38893
45	43316	45295

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:

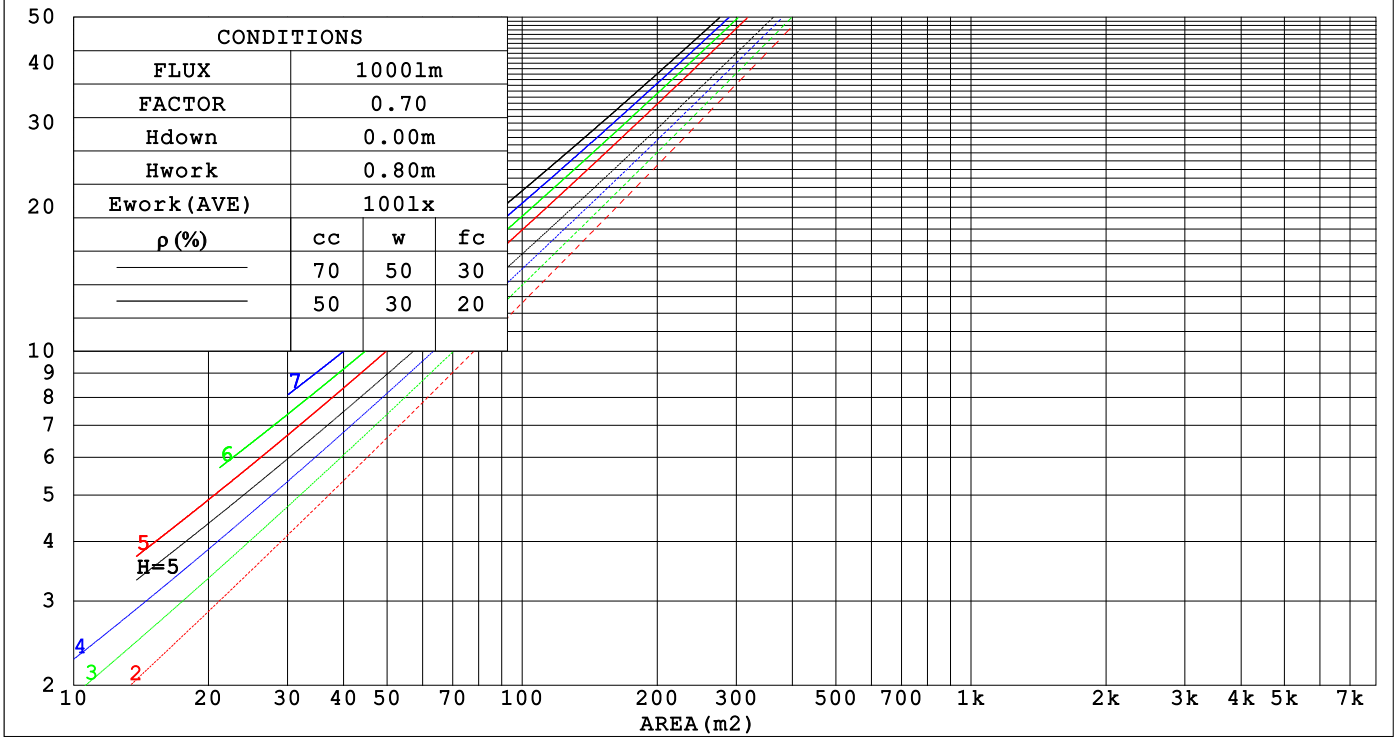
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:240.3V I:0.1170A P:27.9W PF:0.9911 Freq:49.99Hz UTHDi:0.23% ITHDi:5.90% KDisp:0.9945 Lamp Flux:2112.34x1 lm		
NAME: HCP-10X2701-2700K 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:

WEC AND CCEC

Test:U:240.3V I:0.1170A P:27.9W PF:0.9911 Freq:49.99Hz UTHDi:0.23% ITHDi:5.90% KDisp:0.9945 Lamp Flux:2112.34x1 lm		
NAME: HCP-10X2701-2700K 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	.124	.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	.016	
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	.102	.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:

UGR(Unified Glare Rating) Table

Test:U:240.3V I:0.1170A P:27.9W PF:0.9911 Freq:49.99Hz UTHDi:0.23% ITHDi:5.90% KDisp:0.9945 Lamp Flux:2112.34x1 lm		
NAME: HCP-10X2701-2700K 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	21.6	22.5	21.8	22.7	22.8	21.9	22.8	22.1	23.0	23.2
	3H	22.5	23.3	22.7	23.5	23.7	22.8	23.6	23.0	23.8	24.0
	4H	22.9	23.7	23.2	23.9	24.2	23.2	24.0	23.5	24.2	24.4
	6H	23.2	24.0	23.5	24.3	24.5	23.5	24.3	23.8	24.5	24.8
	8H	23.3	24.1	23.7	24.4	24.6	23.6	24.4	23.9	24.6	24.9
	12H	23.4	24.1	23.7	24.4	24.7	23.7	24.4	24.0	24.7	25.0
4H	2H	21.9	22.7	22.1	22.9	23.1	22.1	23.0	22.4	23.2	23.4
	3H	23.0	23.7	23.3	24.0	24.3	23.2	24.0	23.6	24.2	24.5
	4H	23.6	24.2	23.9	24.5	24.8	23.8	24.5	24.2	24.8	25.1
	6H	24.1	24.6	24.4	25.0	25.3	24.3	24.9	24.7	25.2	25.5
	8H	24.2	24.8	24.6	25.1	25.5	24.5	25.0	24.9	25.4	25.7
	12H	24.3	24.8	24.7	25.2	25.6	24.6	25.1	25.0	25.4	25.8
8H	4H	23.8	24.3	24.2	24.7	25.1	24.0	24.5	24.4	24.9	25.3
	6H	24.4	24.9	24.8	25.3	25.7	24.6	25.1	25.1	25.5	25.9
	8H	24.7	25.1	25.1	25.5	25.9	24.9	25.3	25.3	25.7	26.1
	12H	24.8	25.2	25.3	25.6	26.1	25.1	25.4	25.5	25.8	26.3
12H	4H	23.8	24.3	24.2	24.7	25.1	24.0	24.5	24.4	24.9	25.3
	6H	24.5	24.9	24.9	25.3	25.7	24.7	25.1	25.1	25.5	25.9
	8H	24.7	25.1	25.2	25.5	26.0	25.0	25.3	25.4	25.7	26.2

Variations with the observer position at spacings(CIE Pub.117):		
S = 1.0H	+ 0.3 / - 0.4	+ 0.5 / - 0.4
1.5H	+ 0.6 / - 0.3	+ 0.9 / - 0.3
2.0H	+ 0.2 / - 0.3	+ 0.3 / - 0.3

CIE Pub.117, 2112 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 2.6)
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-10X2701-2700K RA90 60D WHITE

UTILIZATION FACTORS TABLE

Test:U:240.3V I:0.1170A P:27.9W PF:0.9911 Freq:49.99Hz UTHDi:0.23% ITHDi:5.90% KDisp:0.9945 Lamp Flux:2112.34x1 lm		
NAME: HCP-10X2701-2700K 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	

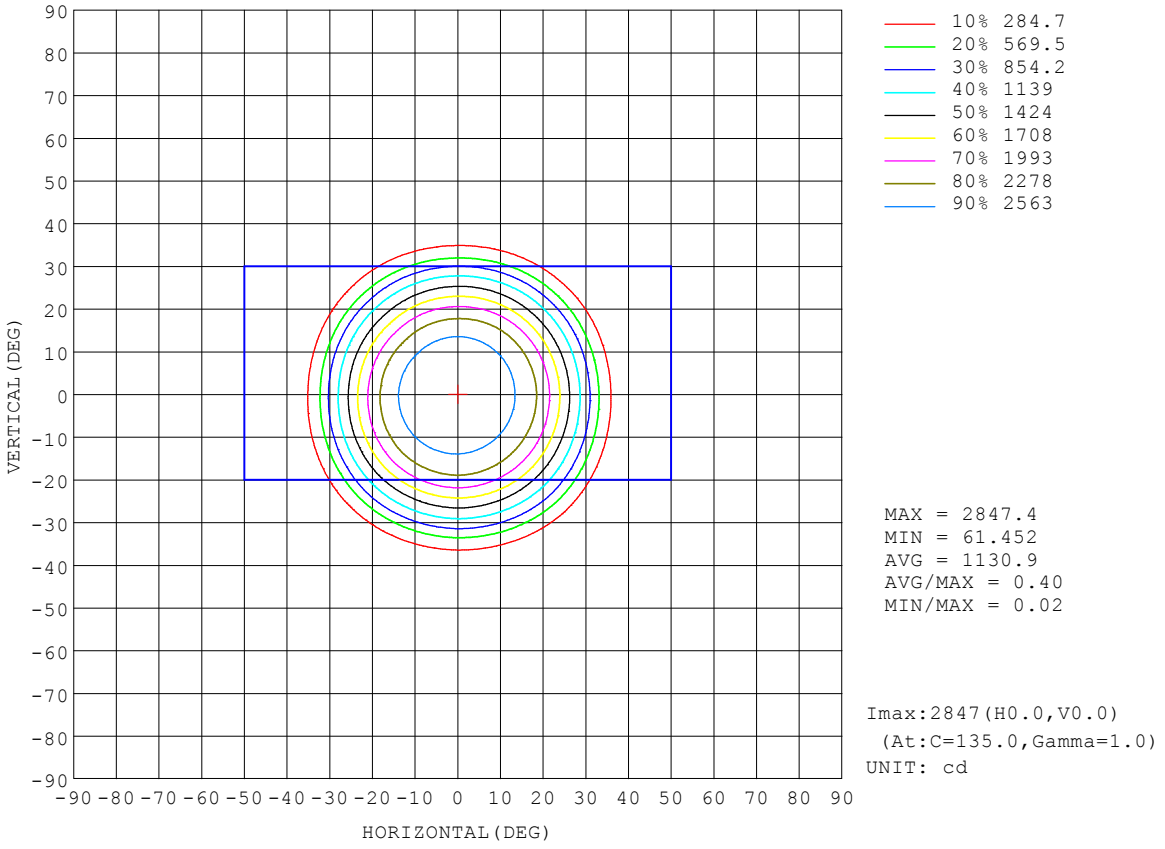
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-15

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 60D WHITE

ISOCANDELA DIAGRAM

Test:U:240.3V I:0.1170A P:27.9W PF:0.9911 Freq:49.99Hz UTHDi:0.23% ITHDi:5.90% KDisp:0.9945 Lamp Flux:2112.34x1 lm		
NAME: HCP-10X2701-2700K RA90 60D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:



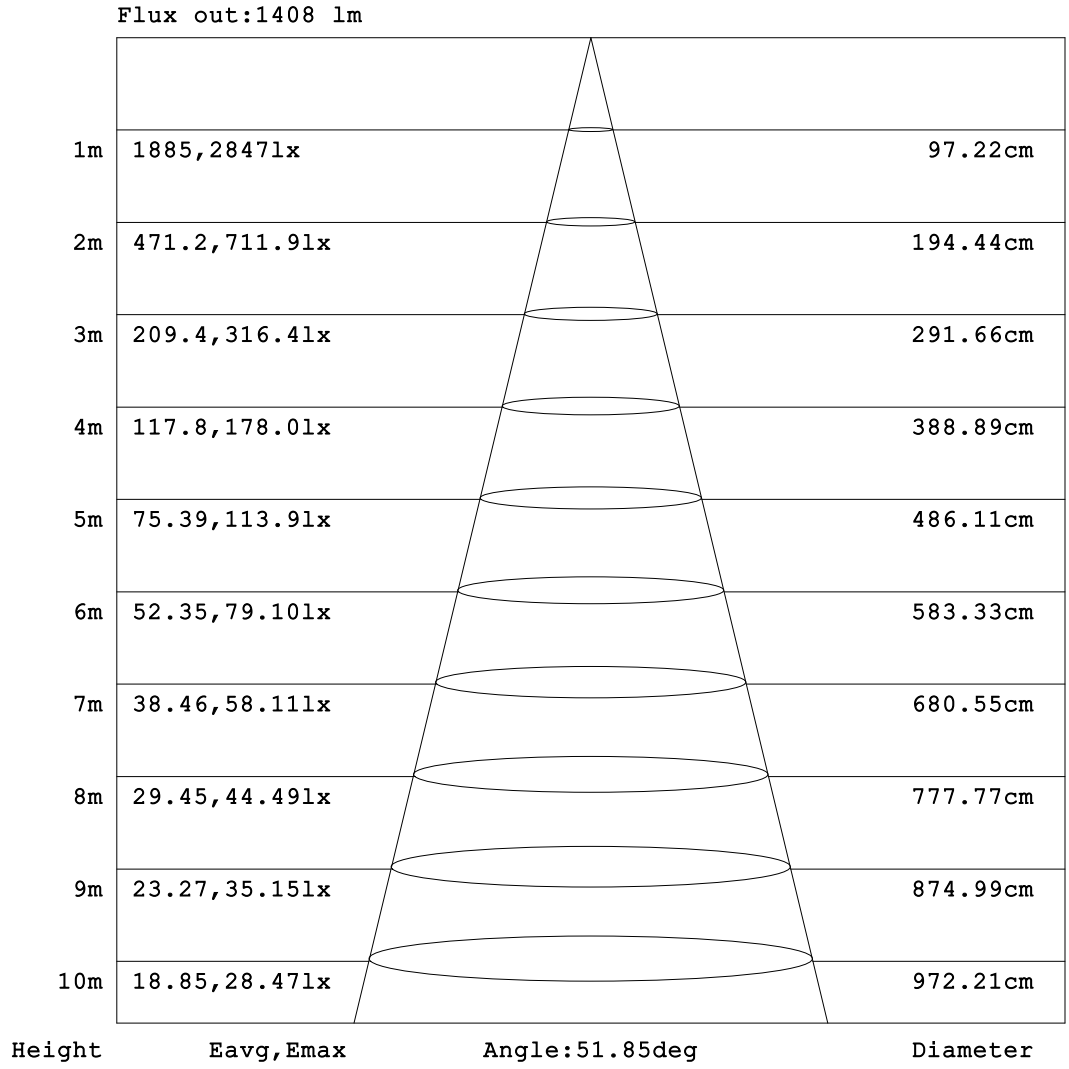
C Range: 0 - 360DEG
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Temperature:25.3DEG
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Test Date:2023-11-15

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-10X2701-2700K RA90 60D WHITE

AAI Figure

Test:U:240.3V I:0.1170A P:27.9W PF:0.9911 Freq:49.99Hz UTHDi:0.23% ITHDi:5.90% KDisp:0.9945 Lamp Flux:2112.34x1 lm		
NAME: HCP-10X2701-2700K RA90 60D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:



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

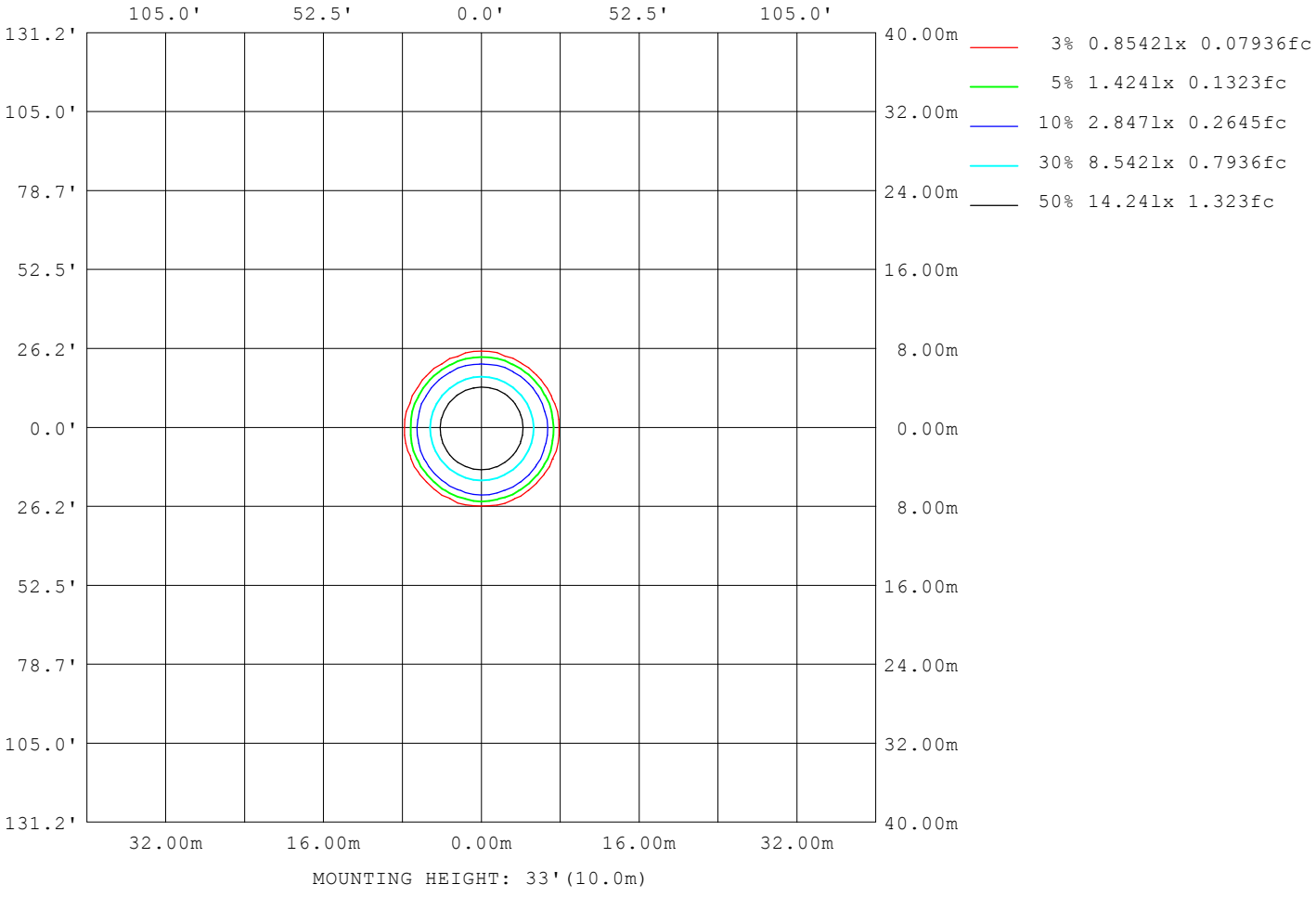
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-15

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-10X2701-2700K RA90 60D WHITE

ISOLUX DIAGRAM

Test:U:240.3V I:0.1170A P:27.9W PF:0.9911 Freq:49.99Hz UTHDi:0.23% ITHDi:5.90% KDisp:0.9945 Lamp Flux:2112.34x1 lm		
NAME: HCP-10X2701-2700K 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:0.1170A P:27.9W PF:0.9911 Freq:49.99Hz UTHDi:0.23% ITHDi:5.90% KDisp:0.9945 Lamp Flux:2112.34x1 lm		
NAME: HCP-10X2701-2700K RA90 60D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

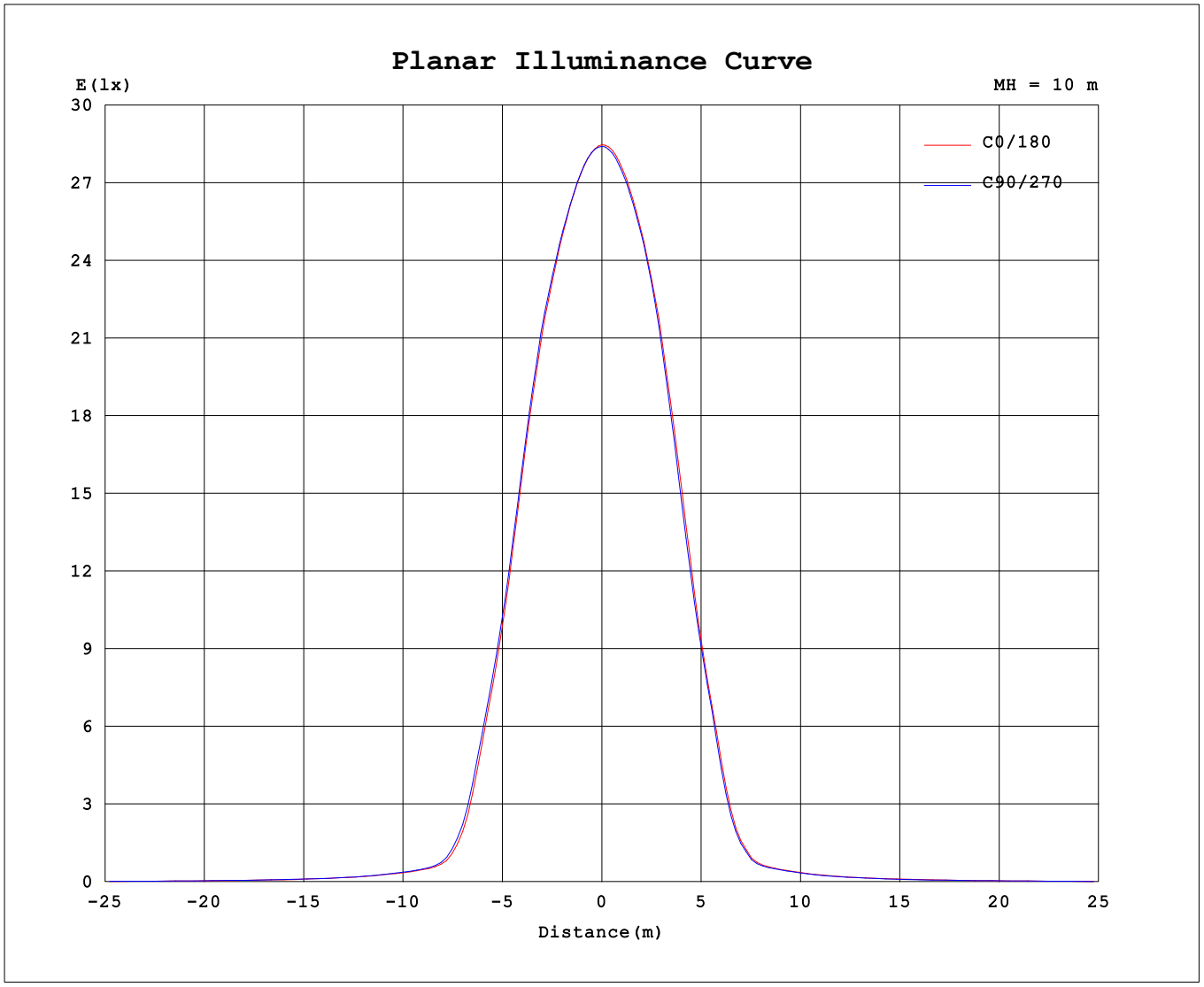
AvgL	cd/m2
L_0~180(65)av	33016
L_0~180(75)av	29128
L_0~180(85)av	21073
L_90~270(65)av	33041
L_90~270(75)av	29185
L_90~270(85)av	21425
L_45(65)av	33010
L_45(75)av	29146
L_45(85)av	21198

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:

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-10X2701-2700K RA90 60D WHITE

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:240.3V I:0.1170A P:27.9W PF:0.9911 Freq:49.99Hz UTHDi:0.23% ITHDi:5.90% KDisp:0.9945 Lamp Flux:2112.34x1 lm		
NAME: HCP-10X2701-2700K 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	2843	2843	2843	2843	2843	2843	2843	2843
5	2795	2799	2802	2809	2809	2811	2801	2798
10	2676	2685	2690	2699	2699	2692	2689	2684
15	2492	2499	2522	2530	2504	2478	2487	2499
20	2145	2166	2189	2171	2107	2045	2059	2107
25	1570	1612	1620	1589	1503	1432	1457	1498
30	989	1045	1043	991	898	836	852	899
35	355	419	406	349	290	268	272	294
40	130	137	141	135	129	126	124	125
45	101	105	106	105	102	98.4	98.8	98.4
50	79.8	82.7	82.5	81.7	80.0	77.3	76.5	77.1
55	64.9	66.6	67.3	67.1	66.0	64.0	63.3	63.2
60	54.3	56.2	56.8	56.8	55.5	53.8	53.1	53.2
65	46.4	48.2	48.5	47.7	45.7	43.8	43.6	44.5
70	36.2	37.9	37.9	36.7	34.5	32.7	32.8	34.1
75	26.0	27.6	27.3	25.8	23.8	22.3	22.6	23.9
80	16.2	17.5	17.1	15.6	13.9	12.7	13.1	14.3
85	7.13	8.06	7.67	6.40	4.99	4.24	4.66	5.69
90	0.14	0.12	0.13	0.12	0.14	0.15	0.16	0.14

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-10X2701-2700K 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	2843	2843	2843	2843	2843	2843	2843	2843
3.0	2822	2825	2829	2833	2834	2833	2828	2824
6.0	2776	2780	2785	2790	2793	2795	2784	2780
9.0	2706	2712	2716	2724	2726	2722	2717	2712
12.0	2612	2622	2632	2642	2634	2625	2626	2621
15.0	2492	2499	2522	2530	2504	2478	2487	2499
18.0	2310	2324	2353	2342	2291	2241	2256	2292
21.0	2051	2072	2087	2077	1997	1931	1940	1995
24.0	1697	1736	1744	1715	1636	1561	1576	1631
27.0	1328	1365	1381	1335	1250	1206	1221	1261
30.0	988.7	1045	1043	990.7	897.7	836.1	851.9	898.9
33.0	580.2	658.1	646.2	564.2	473.9	438.7	437.2	487.4
36.0	275.5	322.7	318.8	270.0	236.1	211.4	220.7	230.2
39.0	144.7	159.0	160.3	148.1	138.0	134.5	132.0	134.8
42.0	114.8	119.2	120.9	119.6	116.7	113.6	112.2	111.7
45.0	100.9	104.9	105.7	104.8	102.5	98.36	98.80	98.43
48.0	89.70	92.99	92.79	90.86	87.74	84.12	83.76	85.62
51.0	76.26	78.72	79.02	78.51	76.85	74.15	73.43	74.01
54.0	67.48	69.34	69.87	69.53	68.42	66.26	65.47	65.51
57.0	60.39	62.13	62.84	62.78	61.50	59.61	59.03	58.98
60.0	54.33	56.25	56.75	56.77	55.46	53.79	53.15	53.17
63.0	49.83	51.49	52.19	52.04	50.42	48.42	48.13	48.60
66.0	44.36	46.12	46.32	45.52	43.49	41.55	41.42	42.41
69.0	38.26	39.93	40.00	38.89	36.73	34.89	34.93	36.11
72.0	32.10	33.73	33.61	32.29	30.11	28.43	28.64	29.95
75.0	26.00	27.57	27.27	25.83	23.75	22.28	22.58	23.90
78.0	20.00	21.46	21.05	19.62	17.69	16.44	16.81	18.06
81.0	14.26	15.51	15.08	13.69	11.97	10.91	11.33	12.50
84.0	8.855	9.858	9.471	8.143	6.652	5.823	6.246	7.326
87.0	3.873	4.635	4.260	3.105	1.876	1.227	1.642	2.601
90.0	0.1354	0.1169	0.1324	0.1198	0.1424	0.1500	0.1581	0.1403

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