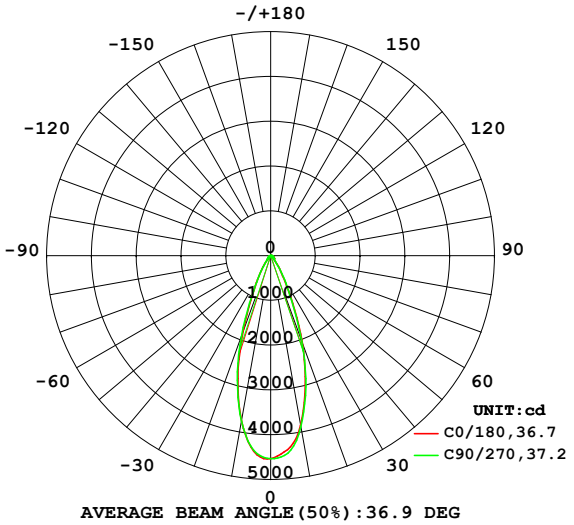
Photometric Filename: HCP-10X2701-2700K RA90 36D WHITE

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:240.2V I:0.1170A P:27.9W PF:0.9911 Freq:49.99Hz UTHDi:0.34% ITHDi:5.35% KDisp:0.9949 Lamp Flux:2102.6x1 lm		
NAME: HCP-10X2701-2700K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

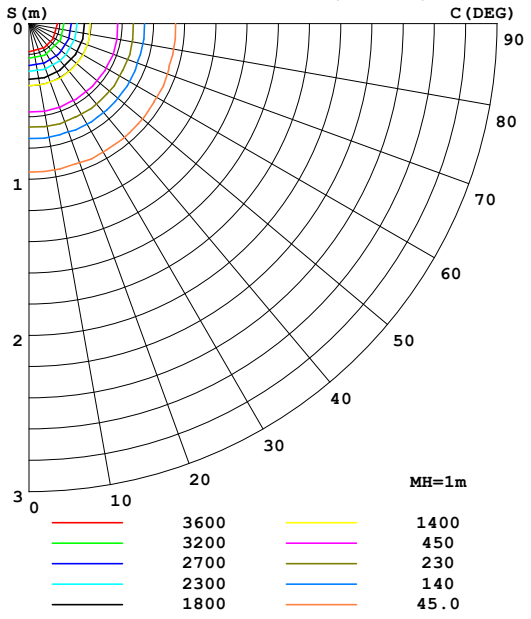
DATA OF LAMP		PHOTOMETRIC DATA Eff: 75.45 lm/W			
MODEL		Imax(cd)	4545	S/MH(C0/180)	0.57
NOMINAL POWER(W)	29	LOR(%)	100.0	S/MH(C90/270)	0.59
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	2102.6	η UP,DN(C0-180)	0.0,51.6
NOMINAL FLUX(lm)	2102.6	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,48.4
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	240.2	η down(%)	100.0	CIBSE SHR MAX	0.60

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):36.9 DEG

PLANAR ISOLUX DIAGRAM(UNIT:lx)



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

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:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	3858	3911	3885	3812	3750	3745	3755	3792	0- 10	400.0	400.0	19,19
20	2077	2112	2034	1882	1797	1792	1919	1994	10- 20	799.7	1200	57.1,57.1
30	590.8	668.3	633.7	564.3	542.8	524.6	526.3	518.8	20- 30	508.0	1708	81.2,81.2
40	155.3	163.3	150.8	137.4	130.3	131.7	141.8	148.6	30- 40	192.2	1900	90.4,90.4
50	85.77	83.60	78.45	74.41	72.33	73.87	79.49	84.41	40- 50	80.24	1980	94.2,94.2
60	52.00	50.69	48.32	46.61	45.45	46.06	48.90	51.39	50- 60	55.62	2036	96.8,96.8
70	32.72	31.95	29.85	27.92	26.86	27.40	29.87	31.95	60- 70	39.14	2075	98.7,98.7
80	14.53	13.92	12.19	10.69	10.06	10.57	12.35	13.84	70- 80	21.88	2097	99.7,99.7
90	0.2107	0.1028	0.1315	0.1203	0.1383	0.1294	0.1251	0.1107	80- 90	5.733	2103	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): 1943.9 lm

%lum = 92.5%
%lamp = 92.5%

Conical surface Flux(120deg): 2035.8 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:

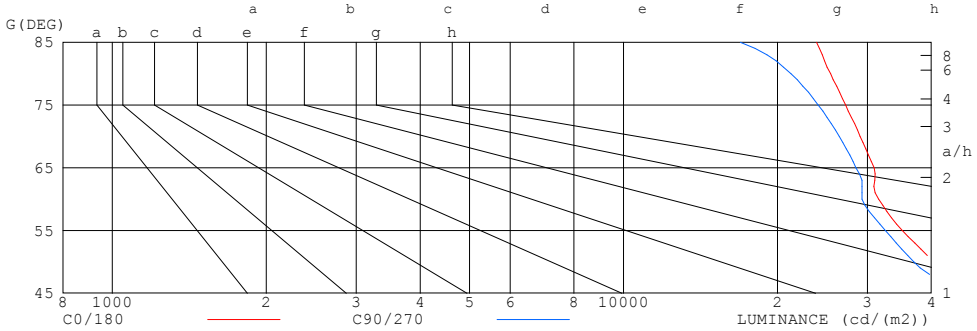
Photometric Filename: HCP-10X2701-2700K RA90 36D WHITE

LUMINANCE LIMITATION CURVES

Test:U:240.2V I:0.1170A P:27.9W PF:0.9911 Freq:49.99Hz **UTHDi:0.34% ITHDi:5.35% KDisp:0.9949 Lamp Flux:2102.6x1 lm**		
NAME: HCP-10X2701-2700K 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	23856	16921
80	25400	21251
75	27196	24041
70	29034	26424
65	30906	28502
60	31562	29262
55	35085	32518
50	40498	36957
45	46031	43686

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:

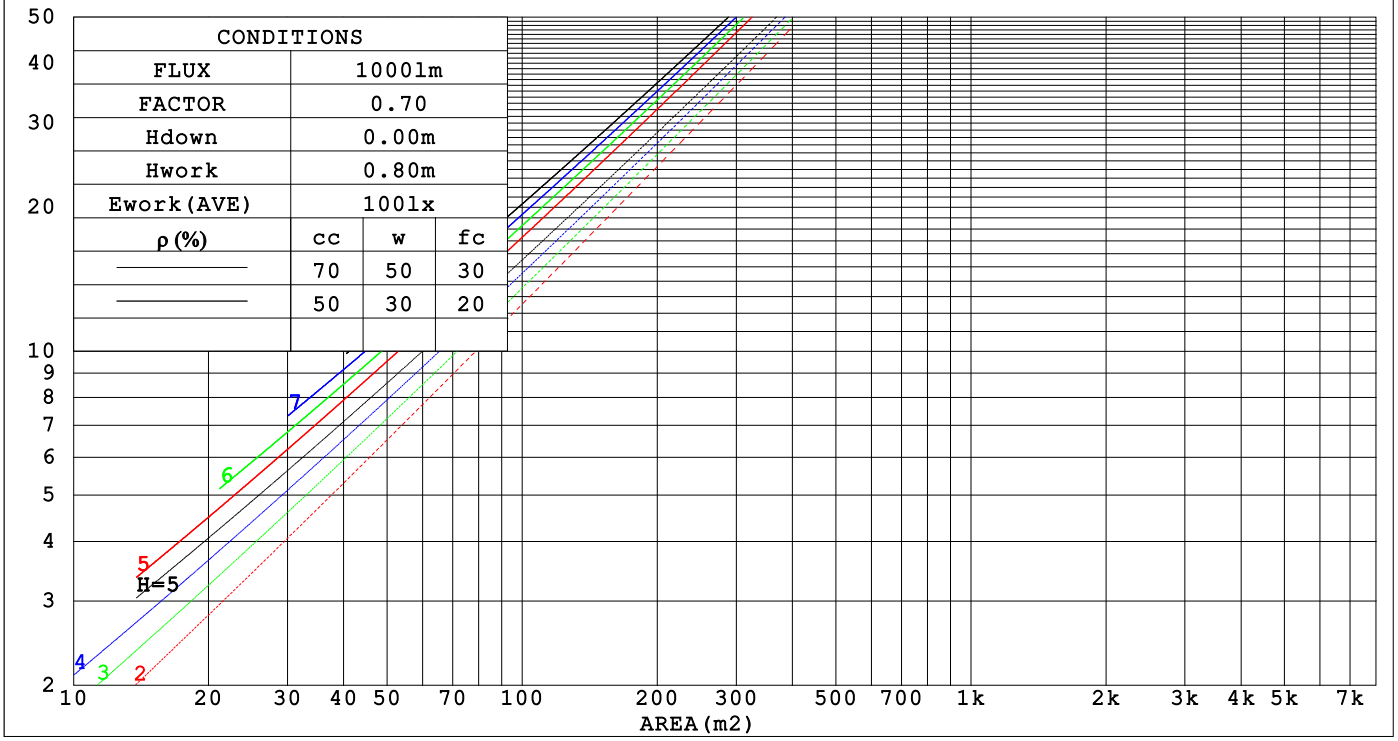
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:240.2V I:0.1170A P:27.9W PF:0.9911 Freq:49.99Hz UTHDi:0.34% ITHDi:5.35% KDisp:0.9949 Lamp Flux:2102.6x1 lm		
NAME: HCP-10X2701-2700K 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	.74	.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:

WEC AND CCEC

Test:U:240.2V I:0.1170A P:27.9W PF:0.9911 Freq:49.99Hz UTHDi:0.34% ITHDi:5.35% KDisp:0.9949 Lamp Flux:2102.6x1 lm		
NAME: HCP-10X2701-2700K 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-10X2701-2700K RA90 36D WHITE

UGR(Unified Glare Rating) Table

Test:U:240.2V I:0.1170A P:27.9W PF:0.9911 Freq:49.99Hz UTHDi:0.34% ITHDi:5.35% KDisp:0.9949 Lamp Flux:2102.6x1 lm		
NAME: HCP-10X2701-2700K 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	20.7	21.6	21.0	21.8	21.9	20.6	21.5	20.8	21.6	21.8
3H	21.7	22.5	21.9	22.7	22.9	21.5	22.3	21.7	22.5	22.7
4H	22.1	22.9	22.4	23.1	23.3	21.8	22.6	22.1	22.8	23.0
6H	22.4	23.2	22.7	23.4	23.6	22.1	22.8	22.4	23.0	23.3
8H	22.6	23.2	22.9	23.5	23.8	22.2	22.9	22.5	23.1	23.4
12H	22.6	23.3	23.0	23.6	23.8	22.2	22.9	22.5	23.1	23.4
4H 2H	21.0	21.8	21.3	22.0	22.2	20.9	21.7	21.2	21.9	22.1
3H	22.2	22.9	22.5	23.1	23.4	22.0	22.7	22.3	22.9	23.2
4H	22.7	23.4	23.1	23.6	24.0	22.5	23.1	22.8	23.4	23.7
6H	23.2	23.7	23.6	24.1	24.4	22.9	23.4	23.2	23.7	24.1
8H	23.4	23.9	23.8	24.2	24.6	23.0	23.5	23.4	23.8	24.2
12H	23.5	24.0	23.9	24.3	24.7	23.1	23.5	23.5	23.9	24.3
8H 4H	22.9	23.4	23.3	23.8	24.1	22.7	23.2	23.1	23.5	23.9
6H	23.5	23.9	23.9	24.3	24.7	23.2	23.6	23.6	24.0	24.4
8H	23.7	24.1	24.2	24.5	25.0	23.4	23.7	23.8	24.2	24.6
12H	23.9	24.3	24.4	24.7	25.2	23.5	23.8	24.0	24.3	24.7
12H 4H	22.9	23.4	23.3	23.7	24.1	22.7	23.1	23.1	23.5	23.9
6H	23.5	23.9	24.0	24.3	24.8	23.2	23.6	23.7	24.0	24.4
8H	23.8	24.1	24.3	24.6	25.0	23.5	23.8	23.9	24.2	24.7

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

CIE Pub.117, 2103 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:2023-11-16

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-10X2701-2700K RA90 36D WHITE

UTILIZATION FACTORS TABLE

Test:U:240.2V I:0.1170A P:27.9W PF:0.9911 Freq:49.99Hz UTHDi:0.34% ITHDi:5.35% KDisp:0.9949 Lamp Flux:2102.6x1 lm		
NAME: HCP-10X2701-2700K 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	

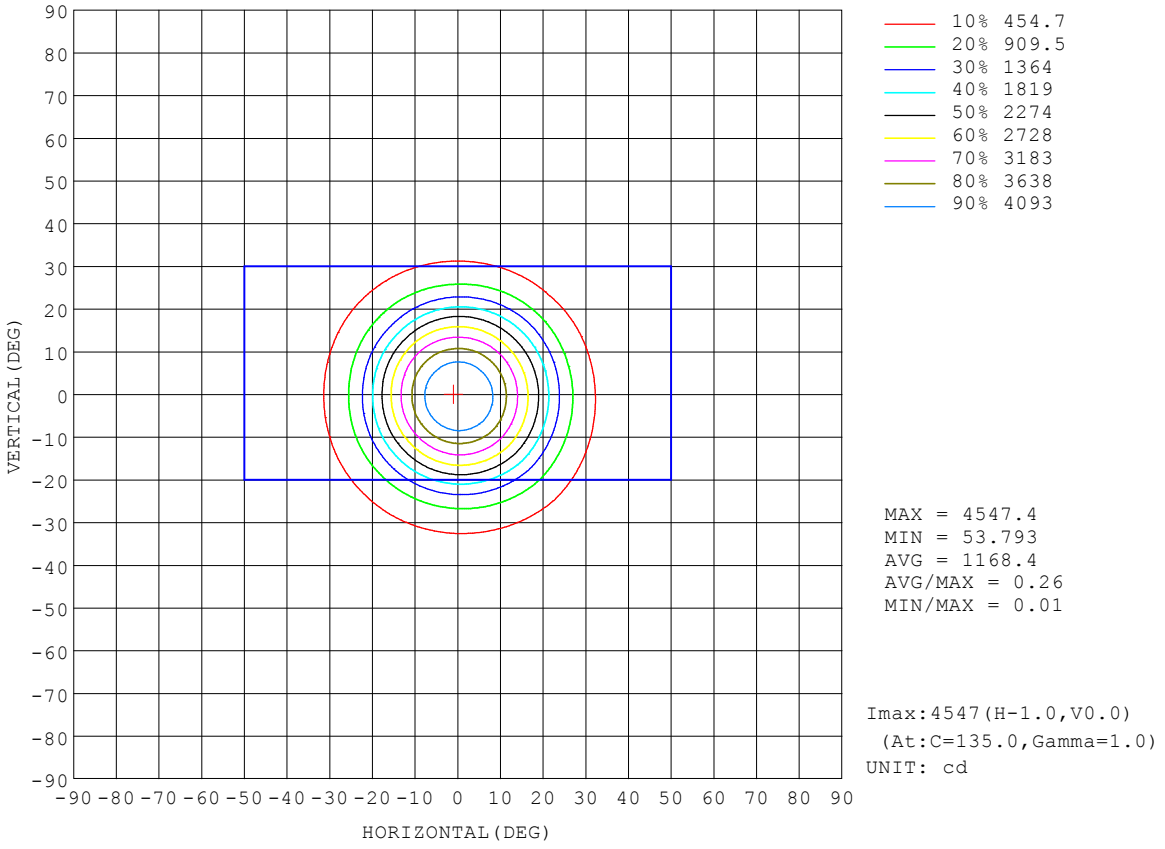
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-16

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-10X2701-2700K RA90 36D WHITE

ISOCANDELA DIAGRAM

Test:U:240.2V I:0.1170A P:27.9W PF:0.9911 Freq:49.99Hz UTHDi:0.34% ITHDi:5.35% KDisp:0.9949 Lamp Flux:2102.6x1 lm		
NAME: HCP-10X2701-2700K 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

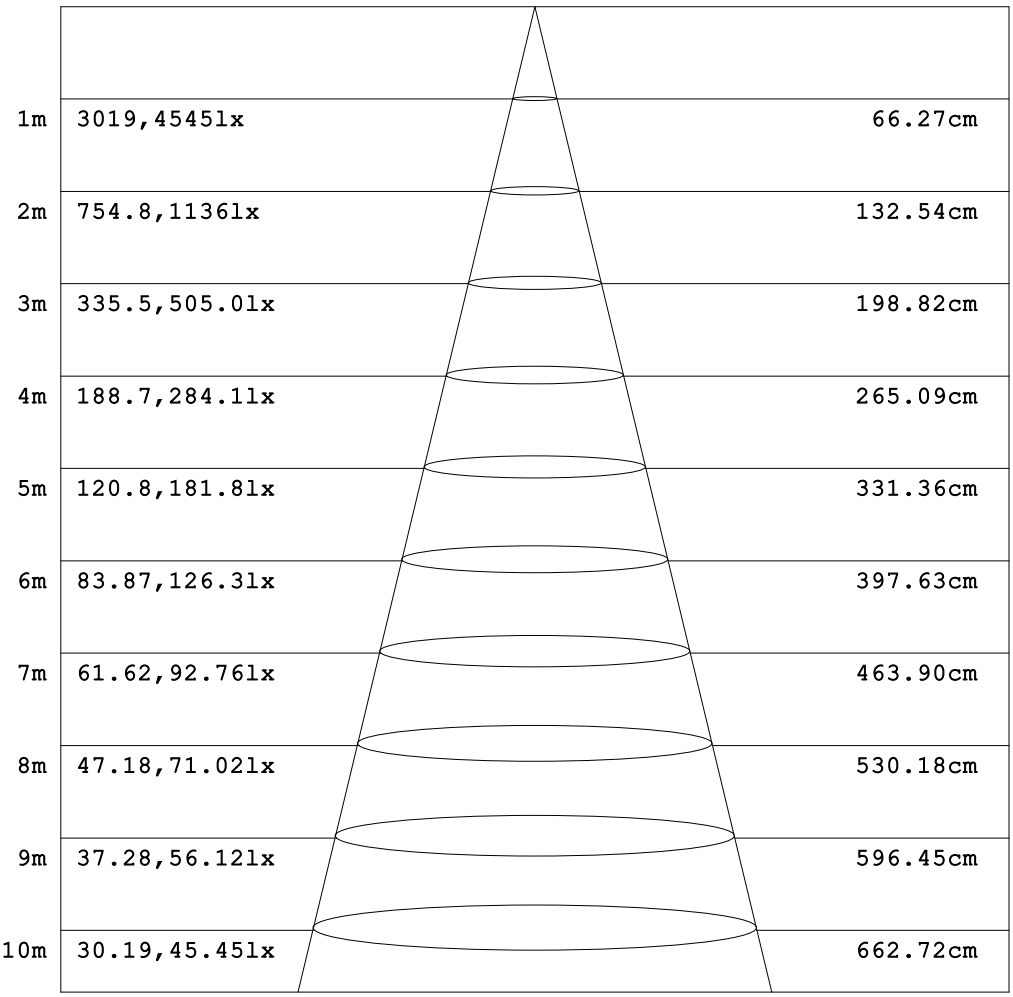
γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks:

Photometric Filename: HCP-10X2701-2700K RA90 36D WHITE

AAI Figure

Test:U:240.2V I:0.1170A P:27.9W PF:0.9911 Freq:49.99Hz UTHDi:0.34% ITHDi:5.35% KDisp:0.9949 Lamp Flux:2102.6x1 lm		
NAME: HCP-10X2701-2700K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

Flux out:1125 lm



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

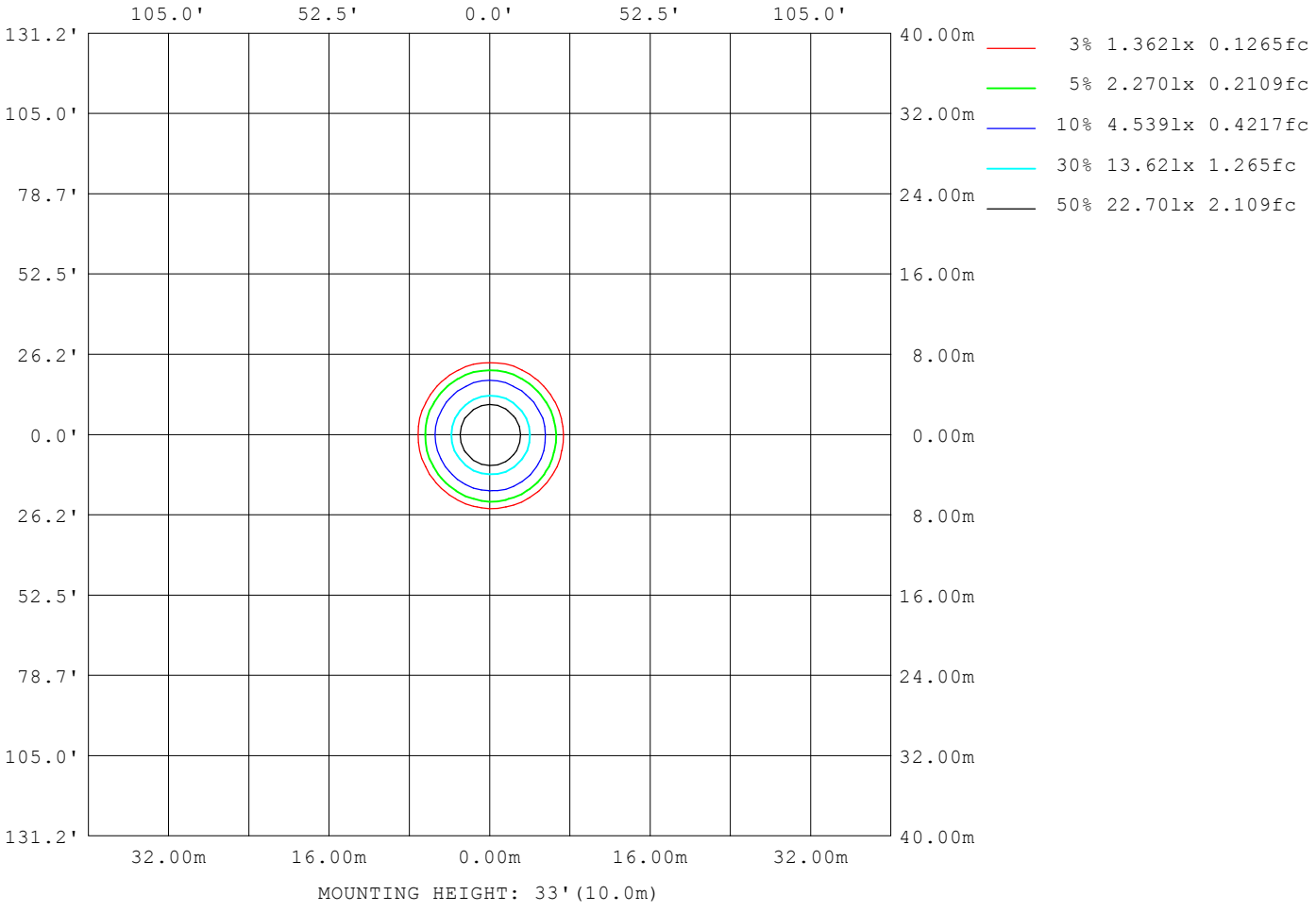
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-16

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-10X2701-2700K RA90 36D WHITE

ISOLUX DIAGRAM

Test:U:240.2V I:0.1170A P:27.9W PF:0.9911 Freq:49.99Hz UTHDi:0.34% ITHDi:5.35% KDisp:0.9949 Lamp Flux:2102.6x1 lm		
NAME: HCP-10X2701-2700K 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:0.1170A P:27.9W PF:0.9911 Freq:49.99Hz UTHDi:0.34% ITHDi:5.35% KDisp:0.9949 Lamp Flux:2102.6x1 lm		
NAME: HCP-10X2701-2700K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

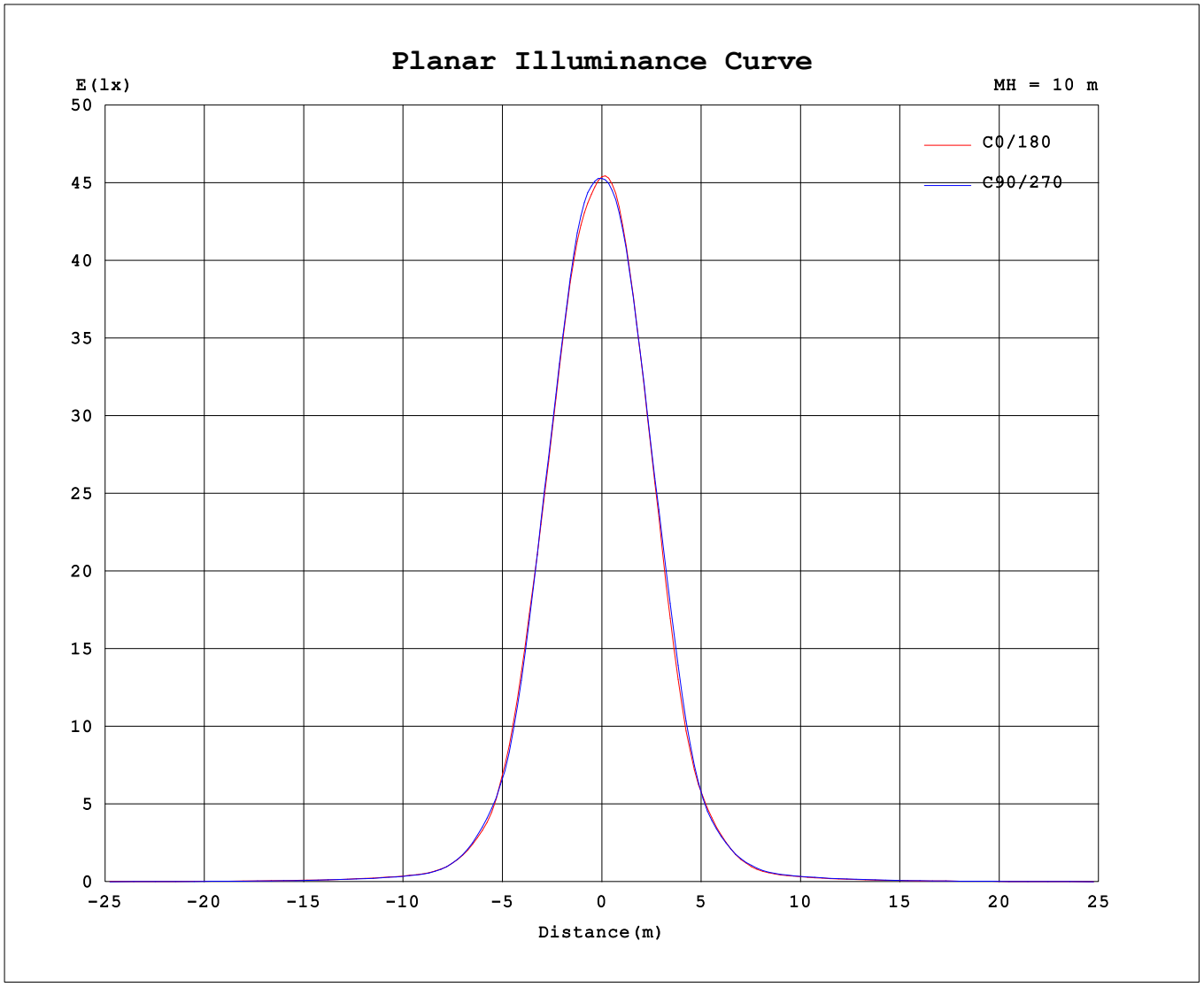
AvgL	cd/m2
L_0~180(65)av	28470
L_0~180(75)av	24138
L_0~180(85)av	17267
L_90~270(65)av	28571
L_90~270(75)av	24124
L_90~270(85)av	17073
L_45(65)av	28533
L_45(75)av	24106
L_45(85)av	17081

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:

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-10X2701-2700K RA90 36D WHITE

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:240.2V I:0.1170A P:27.9W PF:0.9911 Freq:49.99Hz UTHDi:0.34% ITHDi:5.35% KDisp:0.9949 Lamp Flux:2102.6x1 lm		
NAME: HCP-10X2701-2700K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

Table--1 UNIT: cd

C(DEG) / γ (DEG)	0	45	90	135	180	225	270	315
0	4532	4532	4532	4532	4532	4532	4532	4532
5	4348	4386	4427	4425	4386	4360	4361	4349
10	3858	3911	3885	3812	3750	3745	3755	3792
15	2995	3078	3038	2913	2842	2863	2883	2920
20	2077	2112	2034	1882	1797	1792	1919	1994
25	1176	1234	1122	1016	971	975	1011	1093
30	591	668	634	564	543	525	526	519
35	312	342	321	278	264	263	273	283
40	155	163	151	137	130	132	142	149
45	107	108	102	97.3	94.3	95.3	102	106
50	85.8	83.6	78.5	74.4	72.3	73.9	79.5	84.4
55	66.3	64.5	61.6	58.4	56.3	57.3	62.1	65.9
60	52.0	50.7	48.3	46.6	45.5	46.1	48.9	51.4
65	43.0	42.2	39.8	37.7	36.4	37.0	39.9	42.3
70	32.7	31.9	29.8	27.9	26.9	27.4	29.9	31.9
75	23.2	22.5	20.5	18.9	18.0	18.6	20.7	22.4
80	14.5	13.9	12.2	10.7	10.1	10.6	12.3	13.8
85	6.85	6.30	4.87	3.59	3.08	3.54	4.95	6.23
90	0.21	0.10	0.13	0.12	0.14	0.13	0.13	0.11

C Range: 0 - 360DEG
C Interval: 45.0DEG
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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-10X2701-2700K 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	4532	4532	4532	4532	4532	4532	4532	4532
3.0	4438	4459	4502	4521	4503	4490	4474	4451
6.0	4291	4331	4363	4339	4294	4270	4277	4271
9.0	3996	4046	4033	3964	3907	3888	3906	3939
12.0	3532	3595	3566	3473	3406	3419	3428	3471
15.0	2995	3078	3038	2913	2842	2863	2883	2920
18.0	2444	2520	2450	2297	2211	2227	2325	2361
21.0	1877	1922	1827	1695	1599	1581	1716	1796
24.0	1334	1378	1276	1163	1102	1104	1159	1255
27.0	905.9	961.5	886.6	796.7	770.7	753.6	758.4	797.2
30.0	590.8	668.3	633.7	564.3	542.8	524.6	526.3	518.8
33.0	413.3	456.5	429.9	377.2	359.6	352.9	359.9	365.4
36.0	268.6	295.3	274.2	237.1	228.4	226.8	236.8	246.7
39.0	175.3	187.0	172.0	154.0	145.8	147.5	158.5	165.7
42.0	128.2	131.5	123.7	115.8	110.9	111.6	119.9	125.4
45.0	107.2	107.9	102.0	97.32	94.32	95.32	101.7	105.7
48.0	94.03	93.34	87.65	82.02	79.66	81.57	88.64	93.07
51.0	81.44	79.40	74.73	70.91	68.81	70.21	75.78	80.38
54.0	69.81	67.86	64.73	61.41	59.24	60.21	65.33	69.20
57.0	60.00	58.52	55.66	52.81	51.11	52.15	56.18	59.50
60.0	52.00	50.69	48.32	46.61	45.45	46.06	48.90	51.39
63.0	46.36	45.65	43.90	41.79	40.39	41.08	44.12	45.99
66.0	40.91	39.99	37.76	35.69	34.44	35.01	37.86	40.13
69.0	34.71	33.93	31.80	29.82	28.70	29.26	31.83	33.96
72.0	28.82	28.07	26.03	24.19	23.24	23.75	26.06	28.01
75.0	23.19	22.50	20.55	18.88	18.04	18.56	20.66	22.42
78.0	17.89	17.25	15.40	13.84	13.15	13.67	15.55	17.17
81.0	12.90	12.31	10.62	9.171	8.570	9.092	10.78	12.24
84.0	8.318	7.741	6.244	4.907	4.375	4.862	6.332	7.684
87.0	4.071	3.557	2.273	1.104	0.5890	1.047	2.327	3.497
90.0	0.2107	0.1028	0.1315	0.1203	0.1383	0.1294	0.1251	0.1107

C Range: 0 - 360DEG
C Interval: 45.0DEG
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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: