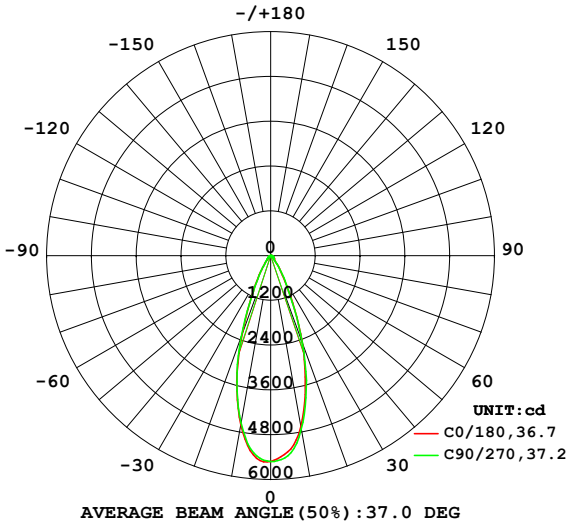
Photometric Filename: HCP-10X2701-2700K RA90 36D WHITE

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:240.3V I:0.1455A P:34.7W PF:0.9924 Freq:49.99Hz UTHDi:0.28% ITHDi:37.69% KDisp:0.9960 Lamp Flux:2567.73x1 lm		
NAME: HCP-10X2701-2700K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

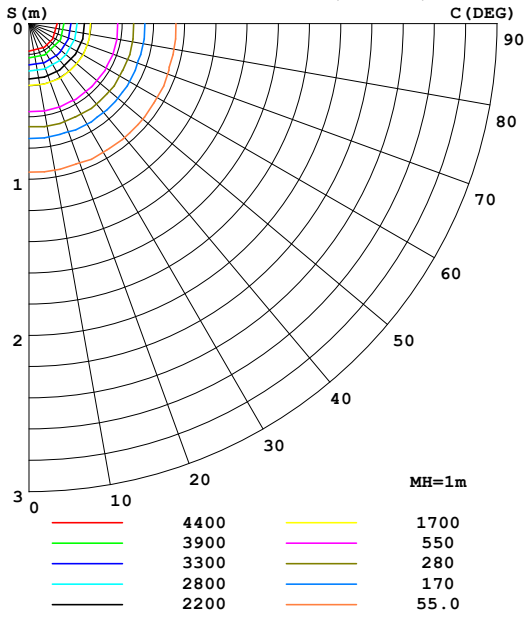
DATA OF LAMP		PHOTOMETRIC DATA Eff: 74.03 lm/W			
MODEL		Imax(cd)	5529	S/MH(C0/180)	0.58
NOMINAL POWER(W)	35	LOR(%)	100.0	S/MH(C90/270)	0.59
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	2567.7	η UP,DN(C0-180)	0.0,51.5
NOMINAL FLUX(lm)	2567.73	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,48.5
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	240.27	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:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	4664	4753	4734	4652	4607	4576	4563	4599	0- 10	487.0	487.0	19,19
20	2490	2560	2487	2312	2237	2207	2321	2415	10- 20	974.5	1462	56.9,56.9
30	707.3	810.2	775.9	695.4	683.3	649.3	643.1	629.9	20- 30	620.3	2082	81.1,81.1
40	187.5	199.7	186.6	170.6	164.7	164.6	175.0	182.2	30- 40	236.1	2318	90.3,90.3
50	104.1	102.8	96.56	92.02	90.29	91.45	97.98	102.9	40- 50	98.89	2417	94.1,94.1
60	63.59	62.39	59.58	57.56	56.60	56.96	60.27	63.09	50- 60	68.58	2485	96.8,96.8
70	39.88	39.24	36.76	34.55	33.63	33.94	36.78	39.16	60- 70	48.29	2534	98.7,98.7
80	17.51	17.01	15.02	13.28	12.80	13.16	15.17	16.90	70- 80	26.95	2561	99.7,99.7
90	0.1606	0.1267	0.1655	0.1470	0.1676	0.1614	0.1594	0.1386	80- 90	7.040	2568	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): 2372.2 lm

%lum = 92.4%
%lamp = 92.4%

Conical surface Flux(120deg): 2485.5 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:

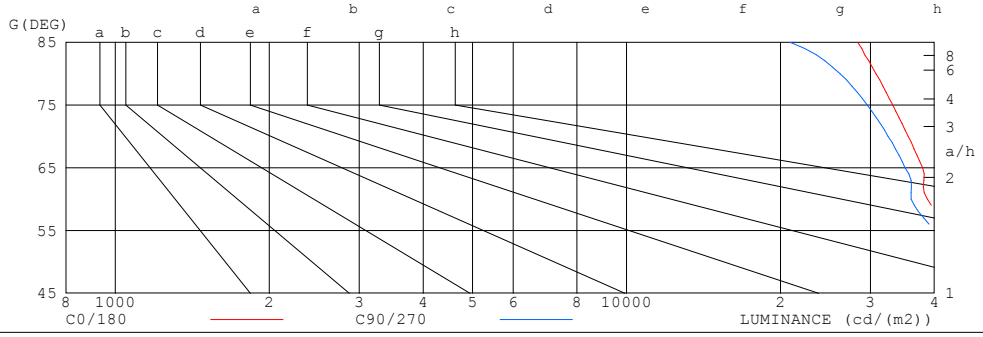
Photometric Filename: HCP-10X2701-2700K RA90 36D WHITE

LUMINANCE LIMITATION CURVES

Test:U:240.3V I:0.1455A P:34.7W PF:0.9924 Freq:49.99Hz **UTHDi:0.28% ITHDi:37.69% KDisp:0.9960 Lamp Flux:2567.73x1 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	28330	20891
80	30750	26152
75	33186	29579
70	35568	32498
65	37966	35078
60	38789	36026
55	43081	40056
50	49396	45418
45	56548	53838

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

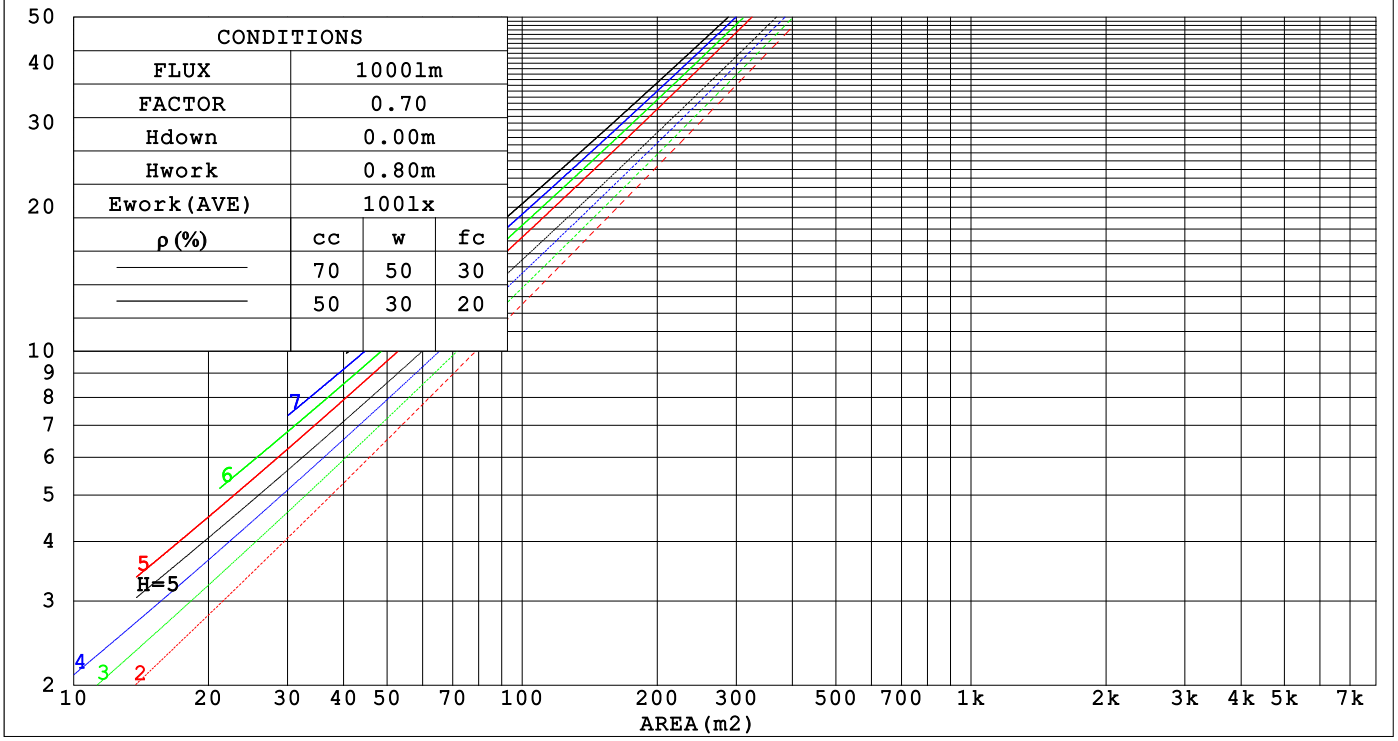
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:240.3V I:0.1455A P:34.7W PF:0.9924 Freq:49.99Hz UTHDi:0.28% ITHDi:37.69% KDisp:0.9960 Lamp Flux:2567.73x1 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	.97	.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	.81	.87	.83	.81	.85	.82	.80	.78
5.0	.87	.82	.78	.86	.81	.77	.84	.80	.77	.83	.79	.76	.81	.78	.75	.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	.62	.61
10.0	.69	.64	.60	.69	.64	.60	.68	.63	.60	.67	.63	.60	.66	.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-10X2701-2700K RA90 36D WHITE

WEC AND CCEC

Test:U:240.3V I:0.1455A P:34.7W PF:0.9924 Freq:49.99Hz UTHDi:0.28% ITHDi:37.69% KDisp:0.9960 Lamp Flux:2567.73x1 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	.175	.099	.031	.168	.096	.030	.155	.089	.028	.144	.083	.027	.133	.077	.025	
2.0	.164	.090	.028	.159	.087	.027	.148	.082	.026	.138	.078	.024	.129	.073	.023	
3.0	.154	.082	.025	.149	.080	.024	.140	.076	.023	.132	.072	.022	.124	.069	.021	
4.0	.145	.075	.022	.141	.074	.022	.133	.071	.021	.126	.068	.020	.119	.065	.020	
5.0	.136	.070	.020	.133	.068	.020	.126	.066	.019	.120	.063	.019	.114	.061	.018	
6.0	.129	.065	.019	.126	.064	.018	.120	.062	.018	.115	.060	.018	.110	.058	.017	
7.0	.122	.061	.017	.120	.060	.017	.115	.058	.017	.110	.056	.016	.105	.055	.016	
8.0	.117	.057	.016	.114	.056	.016	.110	.055	.016	.105	.053	.015	.101	.052	.015	
9.0	.111	.054	.015	.109	.053	.015	.105	.052	.015	.101	.051	.015	.098	.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	.105	.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:240.3V I:0.1455A P:34.7W PF:0.9924 Freq:49.99Hz UTHDi:0.28% ITHDi:37.69% KDisp:0.9960 Lamp Flux:2567.73x1 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	21.4	22.3	21.7	22.5	22.6	21.4	22.2	21.6	22.4	22.5
3H	22.4	23.2	22.6	23.4	23.6	22.2	23.0	22.4	23.2	23.4
4H	22.8	23.6	23.1	23.8	24.0	22.6	23.3	22.8	23.5	23.8
6H	23.1	23.9	23.4	24.1	24.3	22.8	23.5	23.1	23.8	24.0
8H	23.2	23.9	23.6	24.2	24.5	22.9	23.6	23.2	23.9	24.1
12H	23.3	24.0	23.6	24.3	24.5	22.9	23.6	23.3	23.9	24.2
4H 2H	21.8	22.5	22.0	22.7	23.0	21.7	22.4	21.9	22.7	22.9
3H	22.9	23.6	23.2	23.8	24.1	22.7	23.4	23.1	23.7	23.9
4H	23.5	24.1	23.8	24.4	24.7	23.2	23.8	23.6	24.1	24.4
6H	23.9	24.5	24.3	24.8	25.1	23.6	24.1	24.0	24.5	24.8
8H	24.1	24.6	24.5	24.9	25.3	23.7	24.2	24.1	24.6	25.0
12H	24.2	24.7	24.6	25.0	25.4	23.8	24.3	24.2	24.6	25.0
8H 4H	23.6	24.1	24.0	24.5	24.8	23.4	23.9	23.8	24.3	24.6
6H	24.2	24.6	24.6	25.0	25.4	23.9	24.3	24.4	24.7	25.1
8H	24.4	24.8	24.9	25.2	25.7	24.1	24.5	24.6	24.9	25.3
12H	24.6	24.9	25.1	25.4	25.9	24.2	24.6	24.7	25.0	25.5
12H 4H	23.6	24.1	24.0	24.4	24.8	23.4	23.9	23.8	24.2	24.6
6H	24.2	24.6	24.7	25.0	25.5	24.0	24.3	24.4	24.7	25.2
8H	24.5	24.8	25.0	25.3	25.7	24.2	24.5	24.7	24.9	25.4

Variations with the observer position at spacings(CIE Pub.117):		
S = 1.0H	+ 0.5 / - 0.5	+ 0.6 / - 0.6
1.5H	+ 0.8 / - 0.3	+ 1.0 / - 0.5
2.0H	+ 0.5 / - 0.4	+ 0.5 / - 0.5

CIE Pub.117, 2568 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 3.3)
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:240.3V I:0.1455A P:34.7W PF:0.9924 Freq:49.99Hz UTHDi:0.28% ITHDi:37.69% KDisp:0.9960 Lamp Flux:2567.73x1 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	86	83	91	86	82	78
1.00	98	92	88	97	91	87	95	91	87	83
1.25	102	96	92	101	96	92	99	94	91	87
1.50	105	99	96	103	99	95	101	97	94	90
2.00	107	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	107	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	

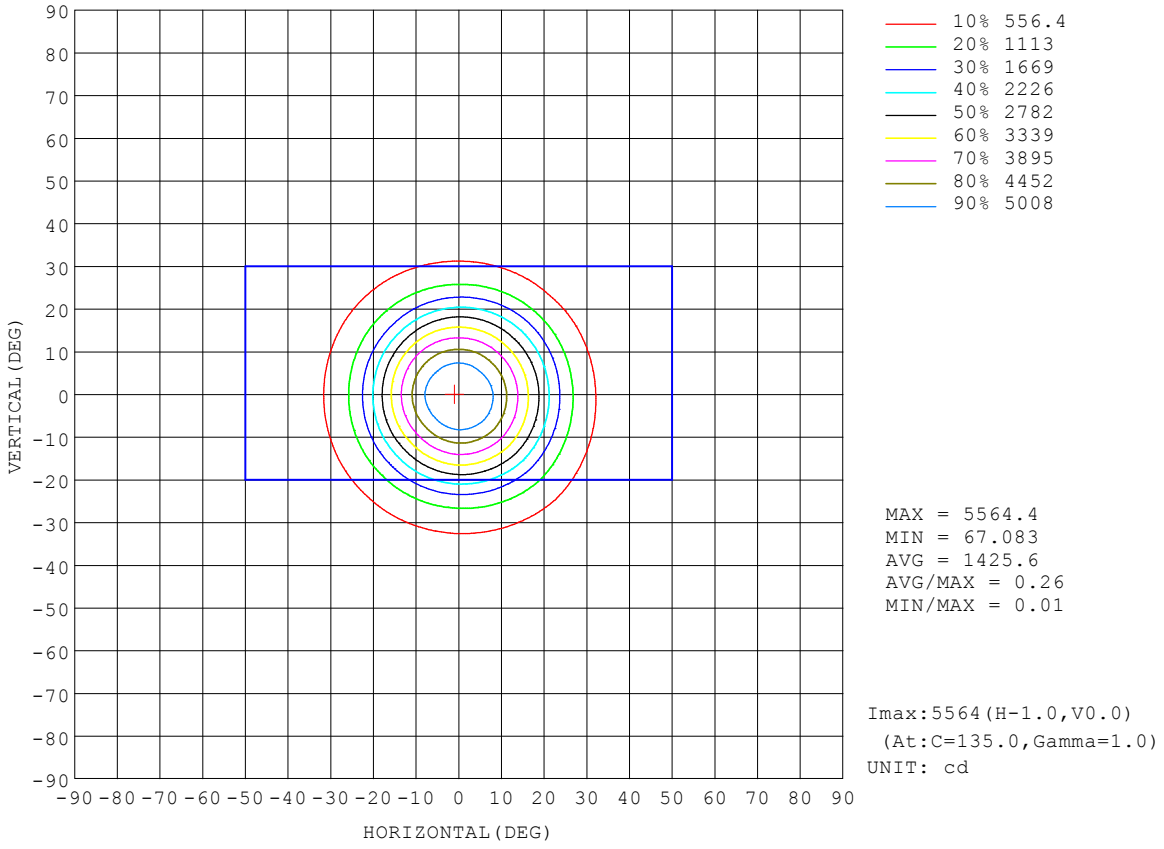
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-16

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:240.3V I:0.1455A P:34.7W PF:0.9924 Freq:49.99Hz UTHDi:0.28% ITHDi:37.69% KDisp:0.9960 Lamp Flux:2567.73x1 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

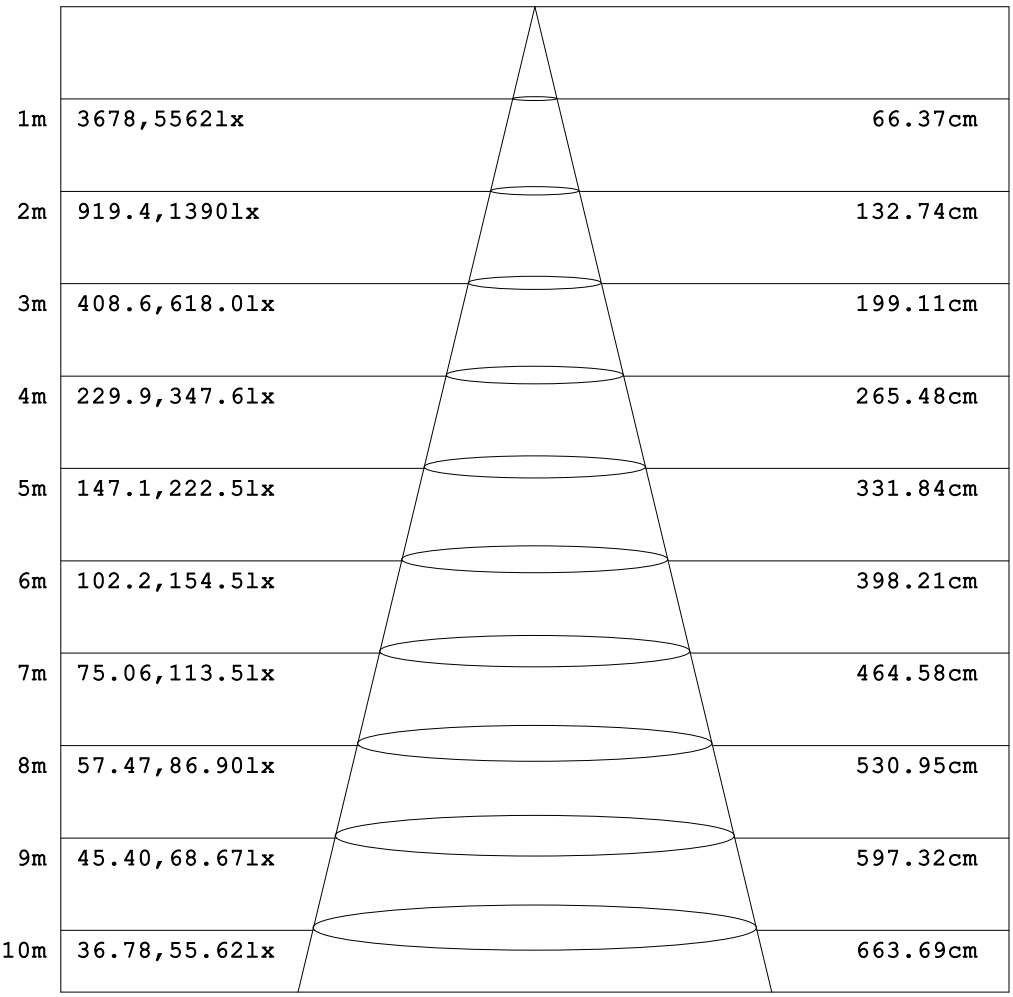
γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks:

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

AAI Figure

Test:U:240.3V I:0.1455A P:34.7W PF:0.9924 Freq:49.99Hz UTHDi:0.28% ITHDi:37.69% KDisp:0.9960 Lamp Flux:2567.73x1 lm		
NAME: HCP-10X2701-2700K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

Flux out:1370 lm



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

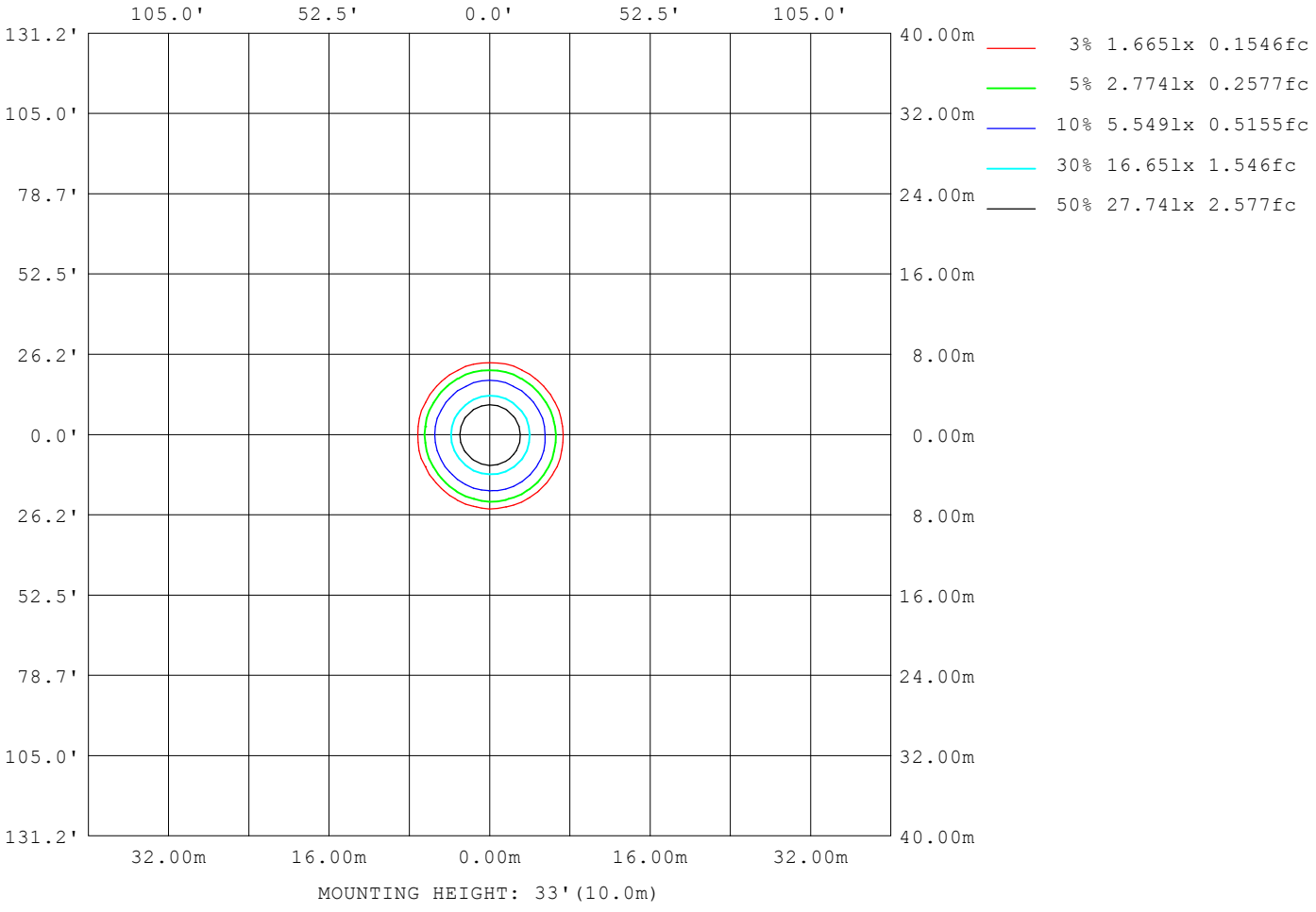
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-16

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:240.3V I:0.1455A P:34.7W PF:0.9924 Freq:49.99Hz **UTHDi:0.28% ITHDi:37.69% KDisp:0.9960 Lamp Flux:2567.73x1 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:240.3V I:0.1455A P:34.7W PF:0.9924 Freq:49.99Hz UTHDi:0.28% ITHDi:37.69% KDisp:0.9960 Lamp Flux:2567.73x1 lm		
NAME: HCP-10X2701-2700K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

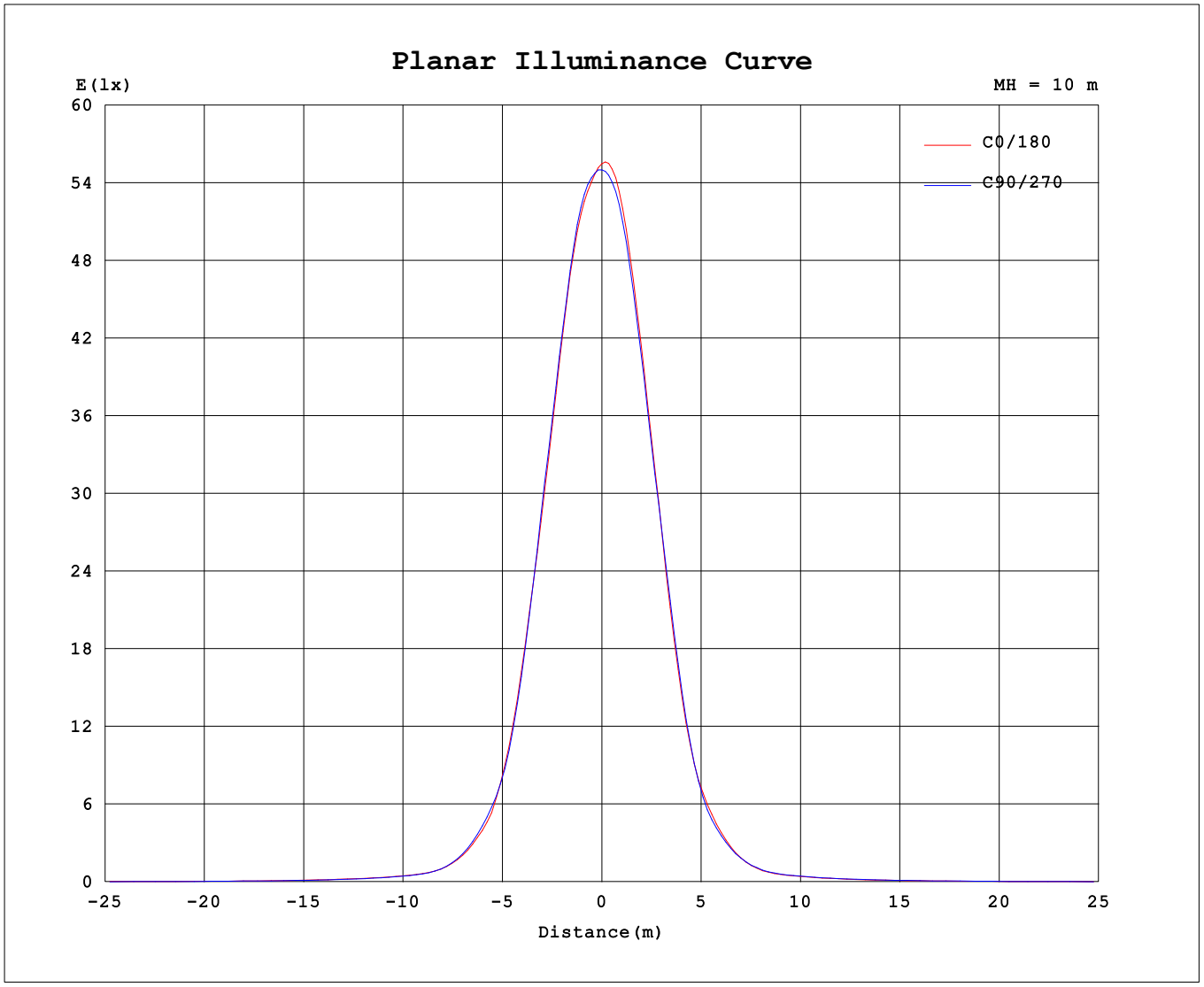
AvgL	cd/m2
L_0~180(65)av	35161
L_0~180(75)av	29760
L_0~180(85)av	21213
L_90~270(65)av	35213
L_90~270(75)av	29697
L_90~270(85)av	21019
L_45(65)av	35173
L_45(75)av	29681
L_45(85)av	21019

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:240.3V I:0.1455A P:34.7W PF:0.9924 Freq:49.99Hz UTHDi:0.28% ITHDi:37.69% KDisp:0.9960 Lamp Flux:2567.73x1 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

γ (DEG) \ C(DEG)	0	45	90	135	180	225	270	315
0	5513	5513	5513	5513	5513	5513	5513	5513
5	5282	5333	5385	5388	5360	5317	5305	5284
10	4664	4753	4734	4652	4607	4576	4563	4599
15	3608	3738	3705	3565	3514	3507	3503	3539
20	2490	2560	2487	2312	2237	2207	2321	2415
25	1405	1498	1375	1252	1218	1205	1232	1322
30	707	810	776	695	683	649	643	630
35	374	416	396	345	336	329	336	345
40	188	200	187	171	165	165	175	182
45	131	133	126	120	118	118	125	130
50	104	103	96.6	92.0	90.3	91.4	98.0	103
55	81.0	79.5	76.0	72.3	70.4	70.9	76.6	80.8
60	63.6	62.4	59.6	57.6	56.6	57.0	60.3	63.1
65	52.6	51.9	49.0	46.6	45.5	45.8	49.2	52.0
70	39.9	39.2	36.8	34.6	33.6	33.9	36.8	39.2
75	28.2	27.6	25.3	23.3	22.7	23.0	25.4	27.5
80	17.5	17.0	15.0	13.3	12.8	13.2	15.2	16.9
85	8.10	7.61	6.02	4.52	4.11	4.49	6.07	7.55
90	0.16	0.13	0.17	0.15	0.17	0.16	0.16	0.14

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

Photometric Data Table [cd]

G/C	0.0	45.0	90.0	135.0	180.0	225.0	270.0	315.0
0.0	5513	5513	5513	5513	5513	5513	5513	5513
3.0	5393	5424	5474	5500	5494	5469	5441	5413
6.0	5209	5266	5309	5288	5256	5208	5199	5188
9.0	4838	4917	4913	4835	4794	4747	4746	4782
12.0	4263	4368	4349	4243	4194	4178	4165	4207
15.0	3608	3738	3705	3565	3514	3507	3503	3539
18.0	2937	3057	2992	2814	2747	2737	2825	2860
21.0	2250	2332	2237	2080	2005	1946	2081	2175
24.0	1594	1671	1561	1433	1378	1363	1411	1518
27.0	1070	1165	1076	981.9	963.5	940.5	925.7	963.3
30.0	707.3	810.2	775.9	695.4	683.3	649.3	643.1	629.9
33.0	493.3	554.0	528.5	466.6	454.5	439.6	441.2	444.6
36.0	321.6	358.8	338.3	294.5	286.0	283.3	291.5	300.8
39.0	211.1	231.5	213.0	191.5	184.6	184.4	195.5	202.9
42.0	156.2	161.5	152.9	143.5	139.1	138.6	147.8	153.8
45.0	131.1	132.8	125.9	120.3	117.6	117.5	125.3	129.8
48.0	114.6	114.8	107.4	101.4	99.36	100.4	109.2	113.5
51.0	98.89	97.74	92.14	87.71	85.92	86.94	93.39	97.98
54.0	85.27	83.57	79.87	75.99	74.03	74.58	80.49	84.90
57.0	73.39	72.08	68.67	65.36	63.88	64.60	69.31	73.01
60.0	63.59	62.39	59.58	57.56	56.60	56.96	60.27	63.09
63.0	56.81	56.25	54.14	51.71	50.47	50.84	54.40	56.50
66.0	49.96	49.18	46.54	44.15	43.09	43.39	46.65	49.23
69.0	42.37	41.70	39.20	36.91	35.95	36.26	39.21	41.63
72.0	35.05	34.45	32.07	29.94	29.15	29.45	32.08	34.33
75.0	28.16	27.56	25.32	23.34	22.68	23.03	25.41	27.46
78.0	21.64	21.11	18.97	17.17	16.62	17.00	19.16	21.00
81.0	15.52	15.02	13.10	11.40	10.95	11.31	13.26	14.95
84.0	9.892	9.381	7.707	6.144	5.719	6.121	7.771	9.345
87.0	4.705	4.244	2.824	1.452	1.051	1.420	2.844	4.200
90.0	0.1606	0.1267	0.1655	0.1470	0.1676	0.1614	0.1594	0.1386

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
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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: