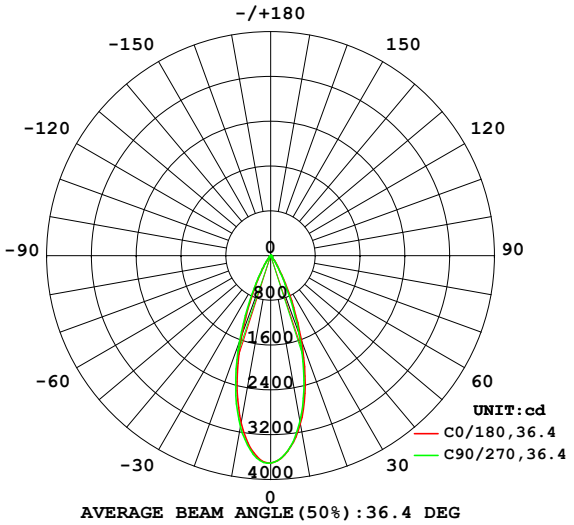
Photometric Filename: HCP-10X2501-5700K RA90 36D WHITE

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:240.3V I:0.0782A P:18.3W PF:0.9716 Freq:49.99Hz UTHDi:0.41% ITHDi:11.35% KDisp:0.9804 Lamp Flux:1535.04x1 lm		
NAME: HCP-10X2501-5700K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 55mm	Shielding Angle:

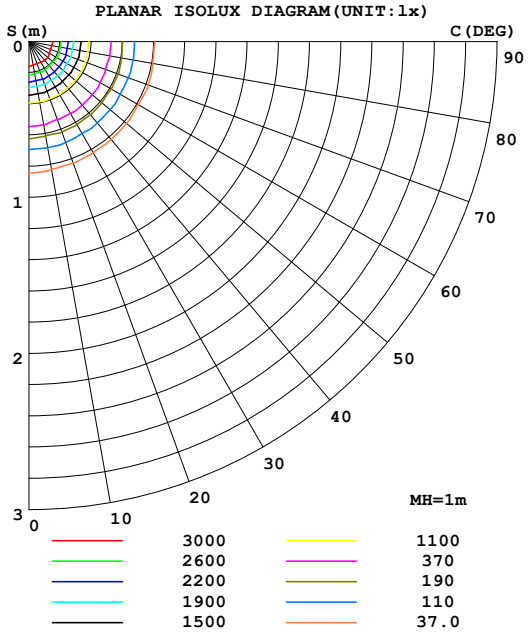
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 84.06 lm/W	
MODEL		Imax(cd)	3706	S/MH(C0/180)	0.58
NOMINAL POWER(W)	19	LOR(%)	100.0	S/MH(C90/270)	0.60
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	1535.0	η UP,DN(C0-180)	0.0,49.4
NOMINAL FLUX(lm)	1535.04	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,50.6
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	240.28	η down(%)	100.0	CIBSE SHR MAX	0.60

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):36.4 DEG

PLANAR ISOLUX DIAGRAM(UNIT:lx)



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-20

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	3057	3030	3013	3011	3036	3085	3111	3103	0- 10	321.5	321.5	20.9,20.9
20	1604	1548	1498	1486	1508	1536	1626	1673	10- 20	641.4	962.9	62.7,62.7
30	405.3	368.7	353.8	366.0	352.4	353.7	390.3	430.7	20- 30	392.6	1356	88.3,88.3
40	79.83	67.03	60.69	60.95	61.53	63.41	75.70	85.98	30- 40	113.9	1469	95.7,95.7
50	22.75	21.10	19.90	19.96	20.61	21.71	23.16	23.36	40- 50	28.43	1498	97.6,97.6
60	15.51	15.07	14.57	14.20	14.52	15.44	16.35	16.13	50- 60	15.79	1514	98.6,98.6
70	10.01	9.337	8.827	8.714	9.022	9.684	10.44	10.57	60- 70	12.45	1526	99.4,99.4
80	4.325	3.874	3.558	3.511	3.718	4.063	4.532	4.593	70- 80	7.070	1533	99.9,99.9
90	0.0619	0.0498	0.0711	0.0556	0.0552	0.0491	0.0547	0.0470	80- 90	1.910	1535	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): 1486.9 lm

%lum = 96.9%
%lamp = 96.9%

Conical surface Flux(120deg): 1513.6 lm

%lum = 98.6%
%lamp = 98.6%

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-20

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:

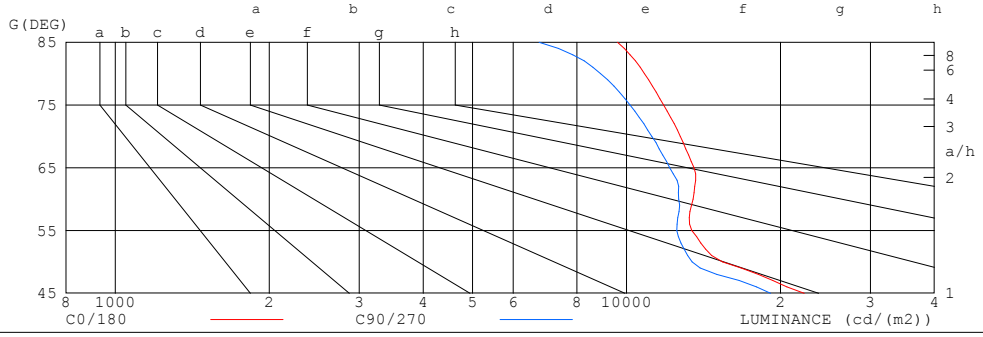
Photometric Filename: HCP-10X2501-5700K RA90 36D WHITE

LUMINANCE LIMITATION CURVES

Test:U:240.3V I:0.0782A P:18.3W PF:0.9716 Freq:49.99Hz **UTHDi:0.41% ITHDi:11.35% KDisp:0.9804 Lamp Flux:1535.04x1 lm**		
NAME: HCP-10X2501-5700K RA90 36D WHITE	**TYPE:**	**WEIGHT:**
SPEC.:	**DIM.:**	**SERIAL No.:**
MFR.: Havit Commercial	**SUR.: 55mm**	**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	9604	6746
80	10841	8901
75	11816	10159
70	12739	11210
65	13547	12144
60	13499	12654
55	13427	12543
50	15408	13445
45	22274	19138

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-20

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-10X2501-5700K RA90 36D WHITE

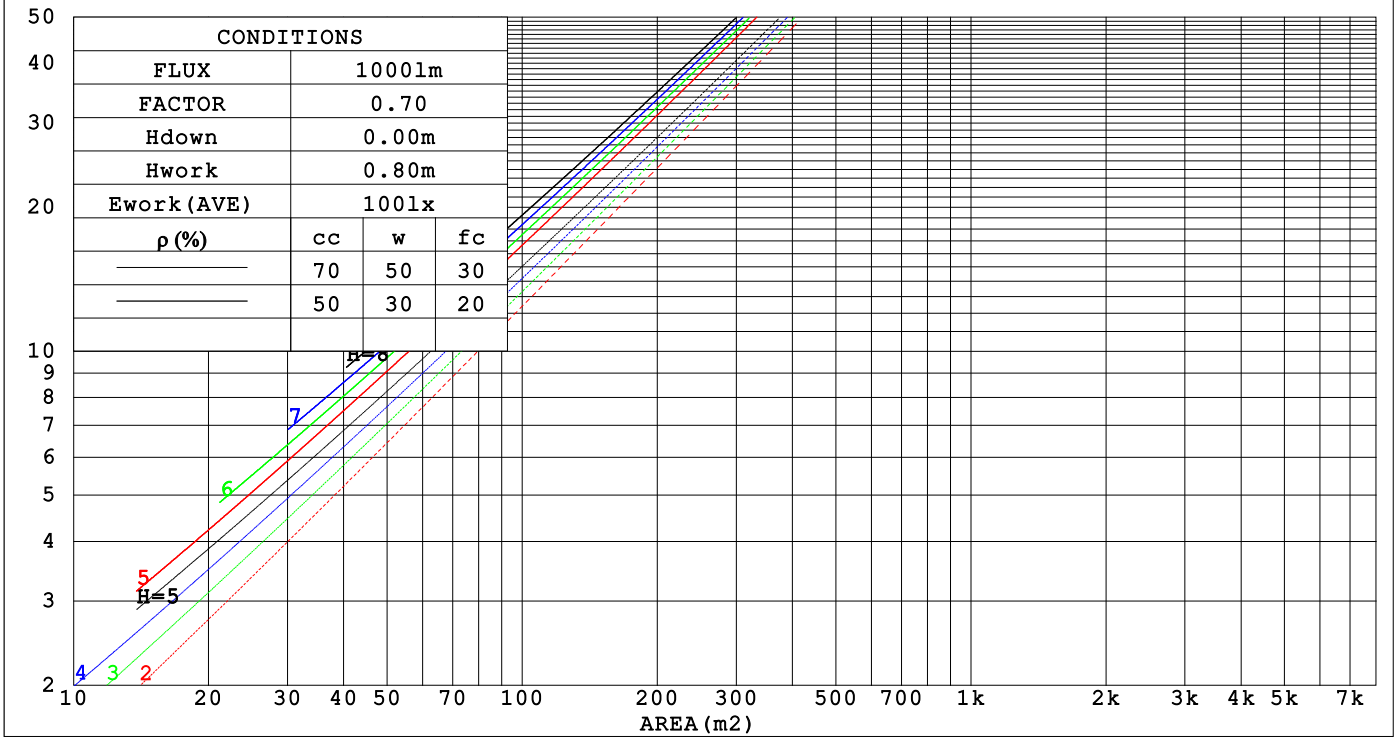
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:240.3V I:0.0782A P:18.3W PF:0.9716 Freq:49.99Hz UTHDi:0.41% ITHDi:11.35% KDisp:0.9804 Lamp Flux:1535.04x1 lm		
NAME: HCP-10X2501-5700K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 55mm	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	.95	.92	.98	.94	.91	.96	.92	.90	.93	.91	.88	.91	.89	.87	.86
4.0	.95	.90	.86	.93	.89	.86	.91	.88	.85	.90	.86	.84	.88	.85	.83	.82
5.0	.90	.85	.82	.89	.85	.81	.87	.84	.80	.86	.82	.80	.84	.81	.79	.78
6.0	.86	.81	.77	.85	.81	.77	.84	.80	.77	.83	.79	.76	.81	.78	.76	.74
7.0	.82	.77	.74	.82	.77	.74	.80	.76	.73	.79	.76	.73	.78	.75	.72	.71
8.0	.79	.74	.70	.78	.74	.70	.77	.73	.70	.76	.73	.70	.75	.72	.69	.68
9.0	.76	.71	.67	.75	.71	.67	.74	.70	.67	.74	.70	.67	.73	.69	.67	.66
10.0	.73	.68	.65	.72	.68	.65	.72	.67	.65	.71	.67	.64	.70	.67	.64	.63

LAMPS

LUMINAIRE BUDGETARY DIAGRAM



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-20

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:0.0782A P:18.3W PF:0.9716 Freq:49.99Hz UTHDi:0.41% ITHDi:11.35% KDisp:0.9804 Lamp Flux:1535.04x1 lm		
NAME: HCP-10X2501-5700K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 55mm	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	.091	.029	.153	.087	.028	.140	.080	.026	.129	.074	.024	.118	.068	.022	
2.0	.149	.082	.025	.144	.079	.024	.133	.074	.023	.124	.069	.022	.115	.065	.020	
3.0	.140	.075	.022	.135	.073	.022	.127	.069	.021	.119	.065	.020	.111	.061	.019	
4.0	.132	.069	.020	.128	.067	.020	.121	.064	.019	.114	.061	.018	.107	.058	.018	
5.0	.125	.064	.018	.122	.062	.018	.115	.060	.018	.109	.058	.017	.103	.055	.017	
6.0	.119	.059	.017	.116	.058	.017	.110	.056	.016	.105	.054	.016	.100	.053	.016	
7.0	.113	.056	.016	.110	.055	.016	.105	.053	.015	.101	.052	.015	.096	.050	.015	
8.0	.108	.053	.015	.106	.052	.015	.101	.051	.014	.097	.049	.014	.093	.048	.014	
9.0	.103	.050	.014	.101	.049	.014	.097	.048	.014	.094	.047	.013	.090	.046	.013	
10.0	.099	.047	.013	.097	.047	.013	.094	.046	.013	.090	.045	.013	.087	.044	.013	

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	.069	.052	.046	.041	.017	.015	.013	
3.0	.139	.113	.093	.120	.098	.080	.082	.068	.056	.047	.040	.033	.015	.013	.011	
4.0	.128	.098	.076	.110	.085	.066	.076	.059	.046	.044	.035	.027	.014	.011	.009	
5.0	.118	.086	.063	.102	.075	.055	.070	.052	.039	.041	.031	.023	.013	.010	.008	
6.0	.110	.077	.053	.095	.066	.046	.065	.047	.033	.038	.027	.019	.012	.009	.006	
7.0	.103	.069	.045	.089	.060	.039	.061	.042	.028	.036	.025	.017	.011	.008	.005	
8.0	.097	.062	.039	.083	.054	.034	.058	.038	.024	.034	.022	.014	.011	.007	.005	
9.0	.091	.057	.034	.079	.049	.029	.055	.035	.021	.032	.021	.012	.010	.007	.004	
10.0	.087	.052	.029	.075	.045	.026	.052	.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:2023-11-20

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:0.0782A P:18.3W PF:0.9716 Freq:49.99Hz UTHDi:0.41% ITHDi:11.35% KDisp:0.9804 Lamp Flux:1535.04x1 lm		
NAME: HCP-10X2501-5700K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 55mm	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	16.8	17.6	17.0	17.8	17.9	16.3	17.1	16.5	17.2	17.4
	3H	17.3	18.1	17.6	18.2	18.4	16.8	17.5	17.0	17.7	17.9
	4H	17.6	18.3	17.8	18.5	18.7	17.0	17.7	17.2	17.9	18.1
	6H	17.8	18.4	18.1	18.7	18.9	17.1	17.8	17.4	18.0	18.3
	8H	17.8	18.5	18.1	18.7	19.0	17.2	17.8	17.5	18.1	18.3
	12H	17.9	18.5	18.2	18.7	19.0	17.2	17.8	17.5	18.1	18.3
4H	2H	16.9	17.6	17.2	17.8	18.0	16.4	17.1	16.6	17.3	17.5
	3H	17.6	18.2	17.9	18.4	18.7	17.0	17.7	17.4	17.9	18.2
	4H	17.9	18.5	18.3	18.8	19.1	17.4	17.9	17.7	18.2	18.5
	6H	18.2	18.7	18.6	19.0	19.4	17.6	18.1	18.0	18.4	18.8
	8H	18.3	18.8	18.7	19.1	19.5	17.7	18.2	18.1	18.5	18.9
	12H	18.4	18.8	18.8	19.2	19.6	17.7	18.2	18.1	18.5	18.9
8H	4H	18.0	18.4	18.4	18.8	19.1	17.5	17.9	17.9	18.3	18.6
	6H	18.4	18.7	18.8	19.1	19.5	17.8	18.2	18.2	18.6	19.0
	8H	18.5	18.9	19.0	19.3	19.7	18.0	18.3	18.4	18.7	19.1
	12H	18.6	18.9	19.1	19.4	19.8	18.0	18.3	18.5	18.8	19.2
12H	4H	17.9	18.4	18.4	18.7	19.1	17.5	17.9	17.9	18.2	18.6
	6H	18.4	18.7	18.8	19.1	19.6	17.8	18.2	18.3	18.6	19.0
	8H	18.5	18.8	19.0	19.3	19.7	18.0	18.3	18.5	18.7	19.2

Variations with the observer position at spacings(CIE Pub.117):		
S = 1.0H	+ 1.6 / - 1.2	+ 1.3 / - 1.1
1.5H	+ 3.1 / - 1.1	+ 2.7 / - 1.1
2.0H	+ 0.8 / - 0.4	+ 0.6 / - 0.4

CIE Pub.117, 1535 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 1.5)
Area: 0.0023 m2

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-20

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-10X2501-5700K RA90 36D WHITE

UTILIZATION FACTORS TABLE

Test:U:240.3V I:0.0782A P:18.3W PF:0.9716 Freq:49.99Hz UTHDi:0.41% ITHDi:11.35% KDisp:0.9804 Lamp Flux:1535.04x1 lm		
NAME: HCP-10X2501-5700K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 55mm	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	89	83	79	88	83	79	88	82	79	76
0.80	96	91	87	95	90	87	94	90	86	83
1.00	100	95	91	99	94	91	98	94	90	87
1.25	104	99	96	103	98	95	101	97	94	90
1.50	106	102	99	105	101	98	103	100	97	93
2.00	109	105	102	107	104	101	105	102	99	94
2.50	111	107	104	109	106	103	106	103	101	95
3.00	112	109	106	110	107	105	107	105	103	96
4.00	114	111	109	112	110	108	108	107	105	98
5.00	115	113	111	113	111	110	109	108	107	99
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended					SHRNOM = 1.25	

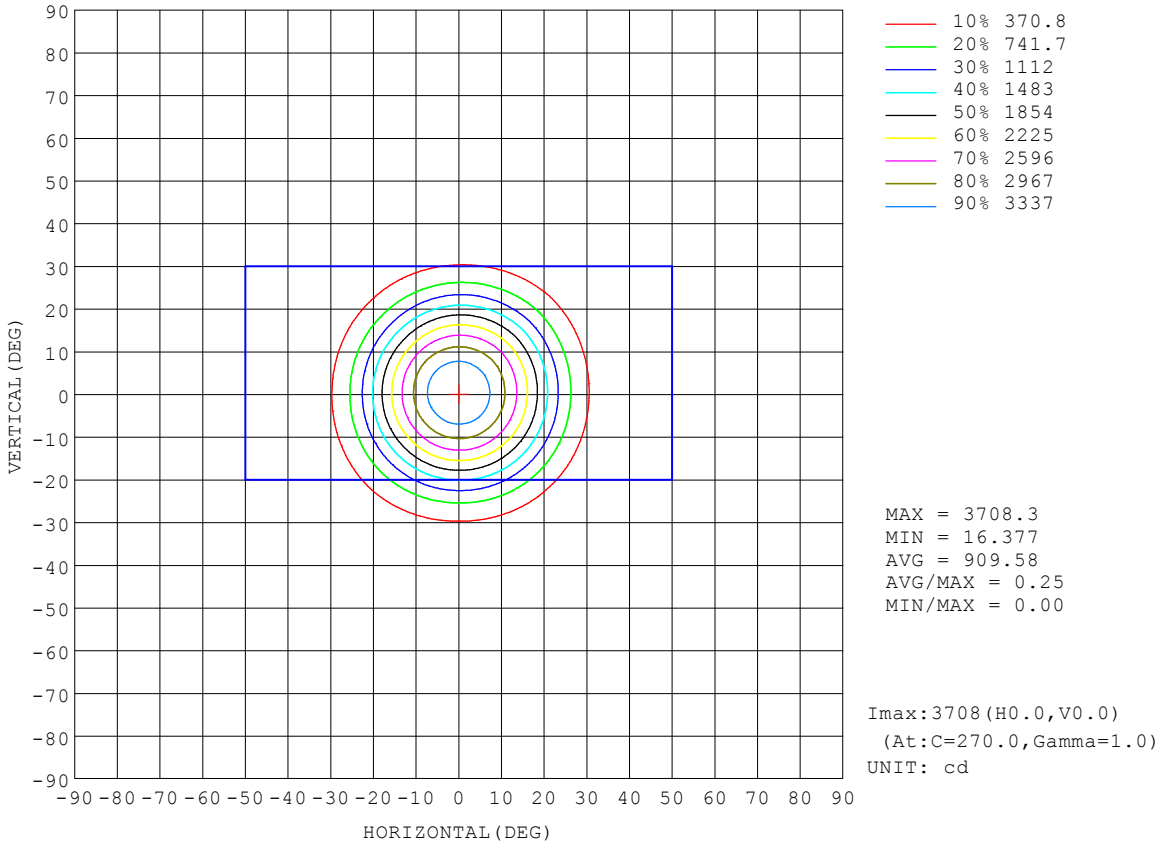
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-20

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-10X2501-5700K RA90 36D WHITE

ISOCANDELA DIAGRAM

Test:U:240.3V I:0.0782A P:18.3W PF:0.9716 Freq:49.99Hz UTHDi:0.41% ITHDi:11.35% KDisp:0.9804 Lamp Flux:1535.04x1 lm		
NAME: HCP-10X2501-5700K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 55mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-20

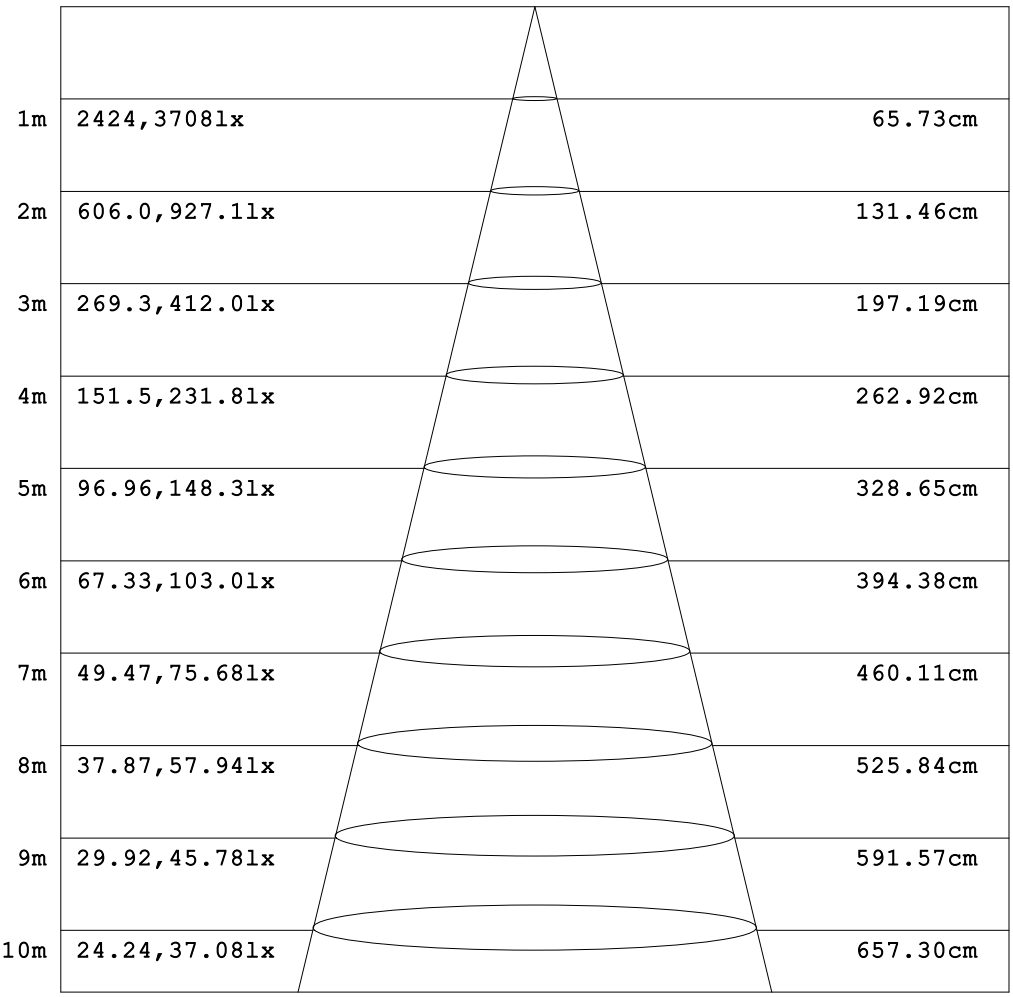
γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks:

Photometric Filename: HCP-10X2501-5700K RA90 36D WHITE

AAI Figure

Test:U:240.3V I:0.0782A P:18.3W PF:0.9716 Freq:49.99Hz UTHDi:0.41% ITHDi:11.35% KDisp:0.9804 Lamp Flux:1535.04x1 lm		
NAME: HCP-10X2501-5700K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 55mm	Shielding Angle:

Flux out:902.8 lm



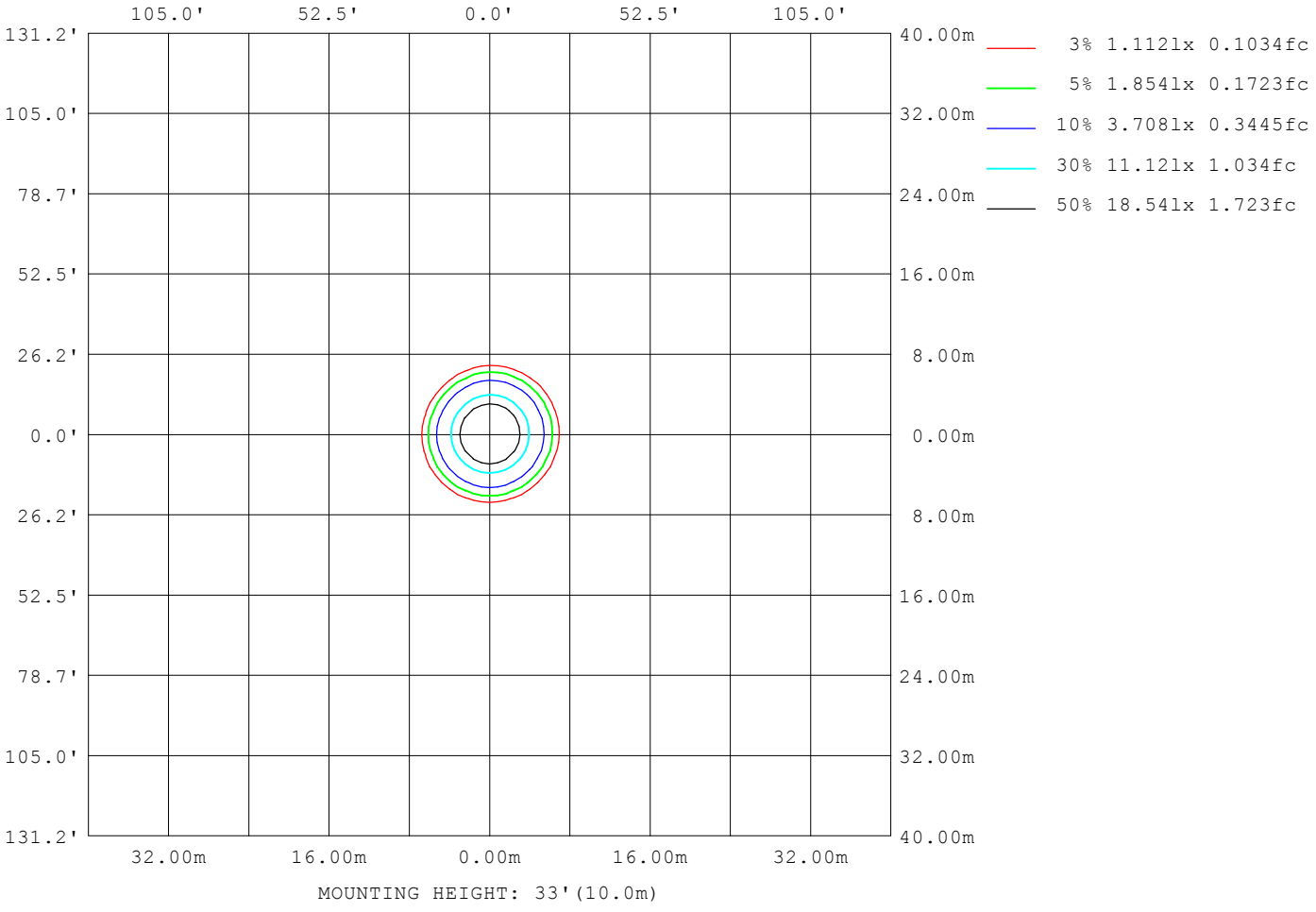
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-20

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:

ISOLUX DIAGRAM

Test:U:240.3V I:0.0782A P:18.3W PF:0.9716 Freq:49.99Hz **UTHDi:0.41% ITHDi:11.35% KDisp:0.9804 Lamp Flux:1535.04x1 lm**		
NAME: HCP-10X2501-5700K RA90 36D WHITE	**TYPE:**	**WEIGHT:**
SPEC.:	**DIM.:**	**SERIAL No.:**
MFR.: Havit Commercial	**SUR.: 55mm**	**Shielding Angle:**



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-20

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:0.0782A P:18.3W PF:0.9716 Freq:49.99Hz UTHDi:0.41% ITHDi:11.35% KDisp:0.9804 Lamp Flux:1535.04x1 lm		
NAME: HCP-10X2501-5700K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 55mm	Shielding Angle:

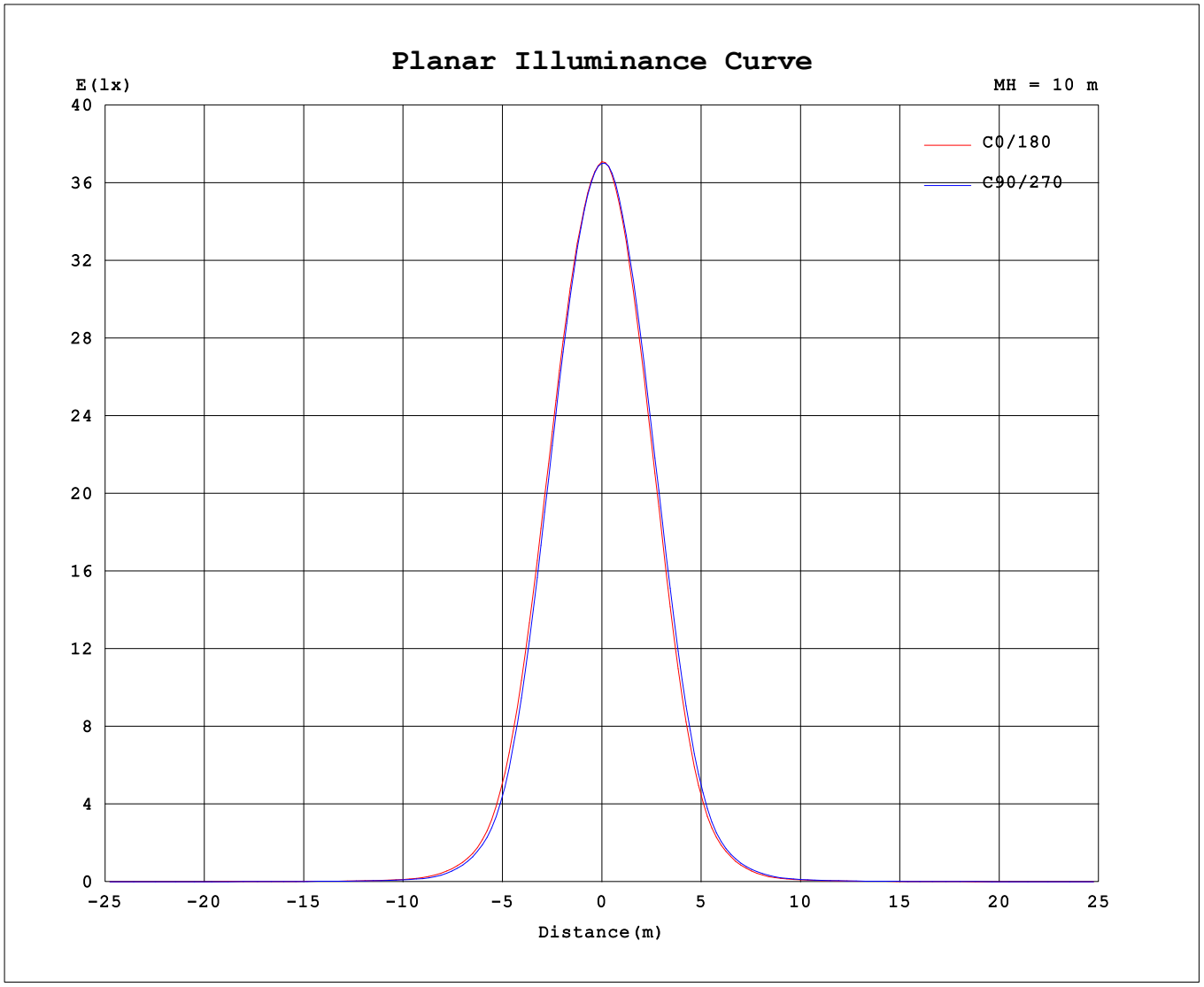
AvgL	cd/m2
L_0~180(65)av	12935
L_0~180(75)av	11140
L_0~180(85)av	8445
L_90~270(65)av	13181
L_90~270(75)av	11247
L_90~270(85)av	8428
L_45(65)av	13027
L_45(75)av	11176
L_45(85)av	8307

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-20

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:2023-11-20

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-10X2501-5700K RA90 36D WHITE

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:240.3V I:0.0782A P:18.3W PF:0.9716 Freq:49.99Hz UTHDi:0.41% ITHDi:11.35% KDisp:0.9804 Lamp Flux:1535.04x1 lm		
NAME: HCP-10X2501-5700K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 55mm	Shielding Angle:

Table--1 UNIT: cd

γ (DEG) \ C(DEG)	0	45	90	135	180	225	270	315
0	3704	3704	3704	3704	3704	3704	3704	3704
5	3507	3503	3502	3509	3530	3544	3563	3539
10	3057	3030	3013	3011	3036	3085	3111	3103
15	2386	2332	2304	2306	2332	2362	2426	2455
20	1604	1548	1498	1486	1508	1536	1626	1673
25	895	834	791	800	797	808	887	937
30	405	369	354	366	352	354	390	431
35	184	167	159	164	158	156	177	197
40	79.8	67.0	60.7	61.0	61.5	63.4	75.7	86.0
45	36.2	32.8	31.2	31.6	32.1	33.3	35.8	37.7
50	22.8	21.1	19.9	20.0	20.6	21.7	23.2	23.4
55	17.7	17.1	16.6	16.0	16.3	17.2	18.4	18.2
60	15.5	15.1	14.6	14.2	14.5	15.4	16.3	16.1
65	13.2	12.4	11.8	11.6	12.0	12.8	13.8	13.8
70	10.0	9.34	8.83	8.71	9.02	9.68	10.4	10.6
75	7.03	6.46	6.05	5.99	6.24	6.74	7.34	7.42
80	4.33	3.87	3.56	3.51	3.72	4.06	4.53	4.59
85	1.92	1.59	1.35	1.30	1.46	1.70	2.03	2.08
90	0.06	0.05	0.07	0.06	0.06	0.05	0.05	0.05

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-20

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-10X2501-5700K 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	3704	3704	3704	3704	3704	3704	3704	3704
3.0	3623	3619	3622	3630	3648	3657	3667	3651
6.0	3435	3432	3427	3433	3457	3474	3492	3466
9.0	3168	3144	3129	3131	3154	3195	3220	3210
12.0	2811	2776	2753	2751	2774	2817	2857	2868
15.0	2386	2332	2304	2306	2332	2362	2426	2455
18.0	1922	1860	1823	1815	1845	1870	1953	1994
21.0	1451	1392	1340	1327	1349	1372	1463	1511
24.0	1019	960.9	919.4	917.1	920.6	941.1	1022	1061
27.0	663.7	610.5	576.0	591.7	579.3	584.1	649.2	701.6
30.0	405.3	368.7	353.8	366.0	352.4	353.7	390.3	430.7
33.0	248.5	233.1	220.1	232.6	220.7	216.7	241.1	266.8
36.0	157.7	141.4	133.7	137.1	132.6	131.4	150.4	169.1
39.0	96.23	81.15	74.50	74.75	74.78	76.49	90.69	101.4
42.0	55.56	46.96	42.59	42.87	43.75	45.72	52.94	59.03
45.0	36.19	32.78	31.16	31.61	32.11	33.33	35.82	37.69
48.0	27.85	25.56	23.13	22.90	23.86	25.63	27.92	28.55
51.0	21.23	20.08	19.08	19.08	19.65	20.61	21.74	21.72
54.0	18.52	17.76	17.08	16.50	16.85	17.87	19.11	19.03
57.0	16.60	16.22	15.78	15.34	15.65	16.51	17.43	17.20
60.0	15.51	15.07	14.57	14.20	14.52	15.44	16.35	16.13
63.0	14.25	13.69	13.13	12.84	13.19	14.08	14.99	14.86
66.0	12.51	11.80	11.21	11.06	11.40	12.18	13.09	13.12
69.0	10.62	9.941	9.420	9.292	9.603	10.30	11.09	11.16
72.0	8.795	8.151	7.688	7.591	7.874	8.469	9.164	9.262
75.0	7.026	6.464	6.053	5.987	6.237	6.736	7.337	7.424
78.0	5.370	4.873	4.524	4.470	4.687	5.102	5.614	5.690
81.0	3.821	3.393	3.094	3.047	3.244	3.565	4.000	4.061
84.0	2.376	2.017	1.769	1.722	1.896	2.156	2.501	2.557
87.0	1.041	0.7411	0.5196	0.4651	0.6024	0.8208	1.107	1.161
90.0	0.0619	0.0498	0.0711	0.0556	0.0552	0.0491	0.0547	0.0470

C Range: 0 - 360DEG
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γ Range: 0 - 90DEG
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Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks: