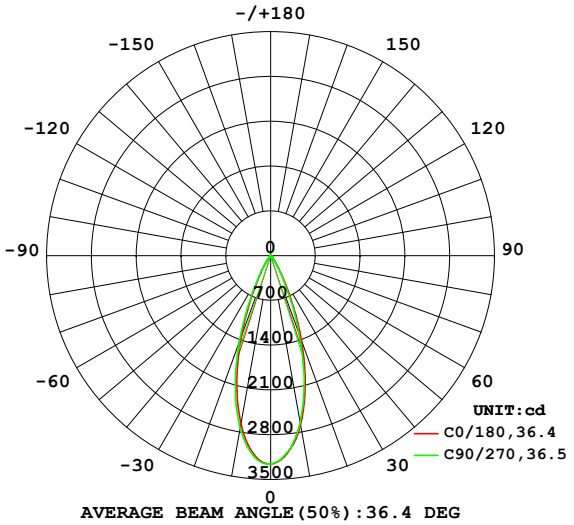
Photometric Filename: HCP-10X2501-3000K RA90 36D WHITE

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:240.3V I:0.0782A P:18.3W PF:0.9711 Freq:49.99Hz UTHDi:0.42% ITHDi:11.34% KDisp:0.9807 Lamp Flux:1349.31x1 lm		
NAME: HCP-10X2501-3000K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 55mm	Shielding Angle:

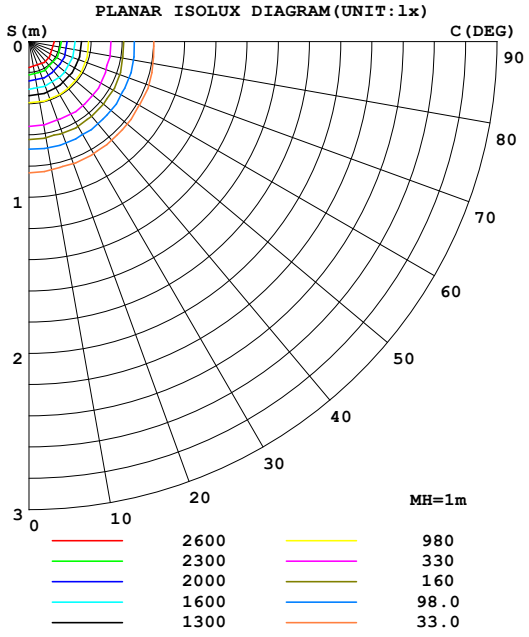
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 73.92 lm/W	
MODEL		Imax(cd)	3260	S/MH(C0/180)	0.58
NOMINAL POWER(W)	19	LOR(%)	100.0	S/MH(C90/270)	0.60
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	1349.3	η UP,DN(C0-180)	0.0,49.3
NOMINAL FLUX(lm)	1349.31	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,50.7
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	240.31	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	2690	2685	2653	2637	2677	2735	2739	2712	0- 10	283.1	283.1	21,21
20	1408	1389	1313	1272	1333	1392	1435	1430	10- 20	564.6	847.7	62.8,62.8
30	353.7	345.6	310.0	296.0	309.7	335.2	345.1	350.3	20- 30	344.7	1192	88.4,88.4
40	69.11	62.93	52.85	49.26	53.69	59.11	66.17	68.89	30- 40	99.48	1292	95.7,95.7
50	19.94	19.51	17.46	17.37	18.01	19.07	20.26	20.21	40- 50	24.82	1317	97.6,97.6
60	13.62	13.34	12.82	12.39	12.72	13.64	14.33	14.07	50- 60	13.86	1331	98.6,98.6
70	8.799	8.277	7.748	7.581	7.892	8.561	9.138	9.155	60- 70	10.93	1341	99.4,99.4
80	3.796	3.443	3.119	3.045	3.258	3.602	3.958	3.976	70- 80	6.199	1348	99.9,99.9
90	0.0559	0.0414	0.0601	0.0450	0.0491	0.0437	0.0434	0.0399	80- 90	1.673	1349	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): 1307 lm

%lum = 96.9%
%lamp = 96.9%

Conical surface Flux(120deg): 1330.5 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:

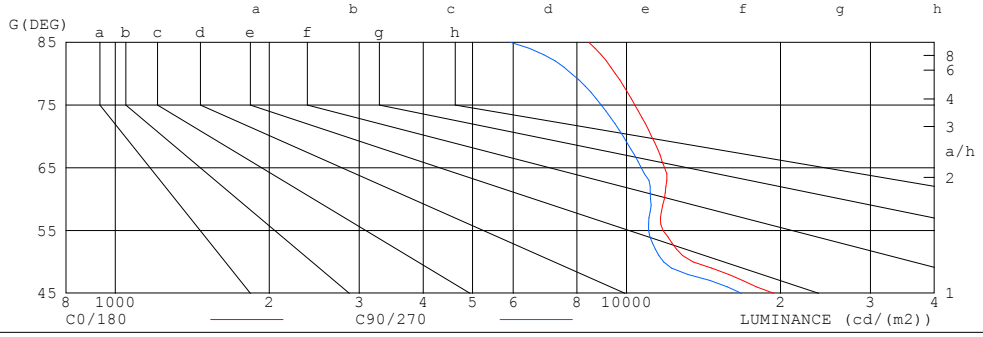
Photometric Filename: HCP-10X2501-3000K RA90 36D WHITE

LUMINANCE LIMITATION CURVES

Test:U:240.3V I:0.0782A P:18.3W PF:0.9711 Freq:49.99Hz **UTHDi:0.42% ITHDi:11.34% KDisp:0.9807 Lamp Flux:1349.31x1 lm**		
NAME: HCP-10X2501-3000K 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	8430	5936
80	9512	7808
75	10386	8920
70	11196	9848
65	11872	10691
60	11851	11147
55	11793	11038
50	13496	11812
45	19396	16777

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-10X2501-3000K RA90 36D WHITE

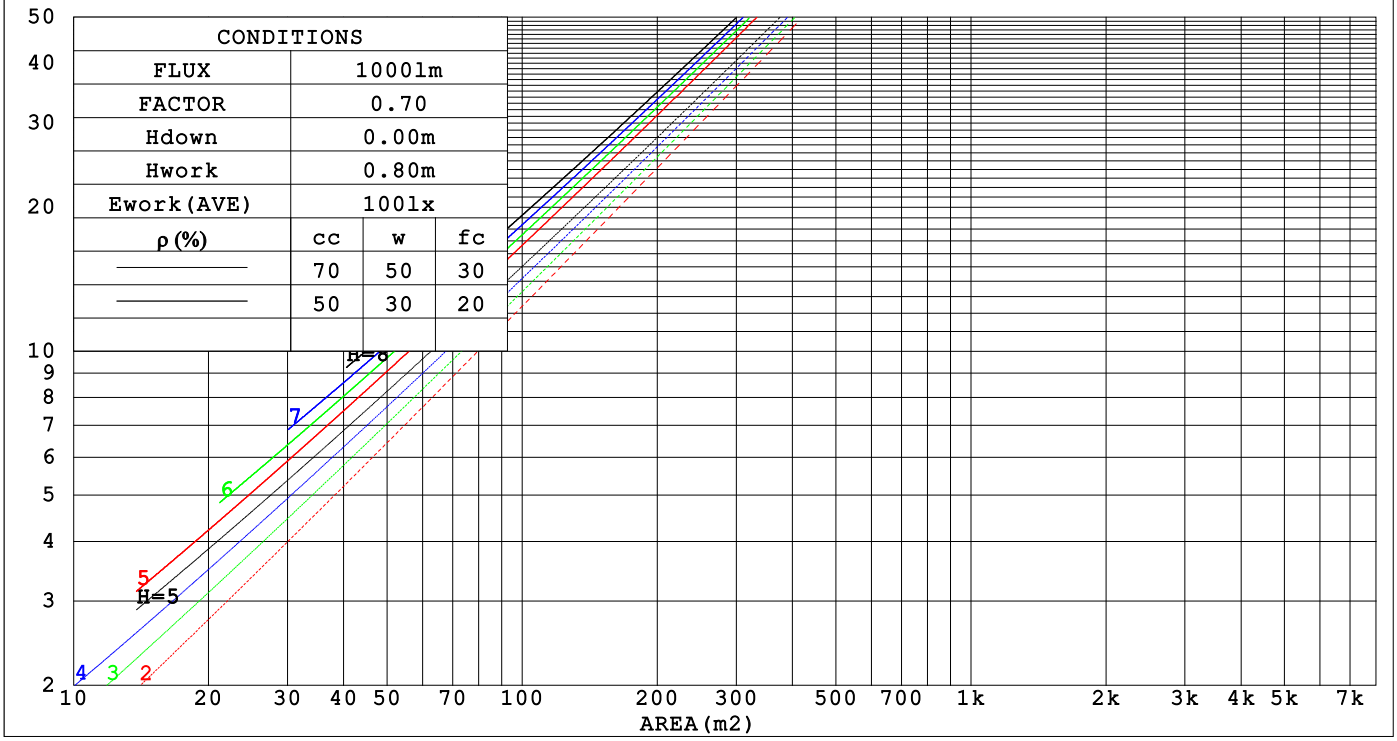
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:240.3V I:0.0782A P:18.3W PF:0.9711 Freq:49.99Hz UTHDi:0.42% ITHDi:11.34% KDisp:0.9807 Lamp Flux:1349.31x1 lm		
NAME: HCP-10X2501-3000K 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	.94	.89	.86	.91	.88	.85	.90	.86	.84	.88	.85	.83	.82
5.0	.90	.85	.82	.89	.85	.81	.88	.84	.81	.86	.83	.80	.84	.82	.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	.76	.72	.70	.68
9.0	.76	.71	.68	.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:

Photometric Filename: HCP-10X2501-3000K RA90 36D WHITE

WEC AND CCEC

Test:U:240.3V I:0.0782A P:18.3W PF:0.9711 Freq:49.99Hz UTHDi:0.42% ITHDi:11.34% KDisp:0.9807 Lamp Flux:1349.31x1 lm		
NAME: HCP-10X2501-3000K 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	.090	.029	.152	.087	.028	.140	.080	.026	.128	.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	.118	.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	.121	.062	.018	.115	.060	.018	.109	.057	.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	.105	.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:

Photometric Filename: HCP-10X2501-3000K RA90 36D WHITE

UGR(Unified Glare Rating) Table

Test:U:240.3V I:0.0782A P:18.3W PF:0.9711 Freq:49.99Hz UTHDi:0.42% ITHDi:11.34% KDisp:0.9807 Lamp Flux:1349.31x1 lm		
NAME: HCP-10X2501-3000K 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	16.5	17.3	16.7	17.4	17.6	16.0	16.7	16.2	16.9	17.1
3H	17.0	17.7	17.2	17.9	18.1	16.4	17.1	16.7	17.3	17.5
4H	17.2	17.9	17.5	18.1	18.3	16.6	17.3	16.9	17.5	17.7
6H	17.4	18.0	17.7	18.3	18.5	16.8	17.4	17.1	17.7	17.9
8H	17.5	18.1	17.8	18.3	18.6	16.8	17.4	17.1	17.7	18.0
12H	17.5	18.1	17.8	18.4	18.6	16.8	17.4	17.1	17.7	18.0
4H 2H	16.5	17.2	16.8	17.5	17.7	16.0	16.7	16.3	17.0	17.2
3H	17.2	17.8	17.5	18.1	18.3	16.7	17.3	17.0	17.6	17.8
4H	17.5	18.1	17.9	18.4	18.7	17.0	17.6	17.4	17.9	18.2
6H	17.8	18.3	18.2	18.7	19.0	17.3	17.8	17.6	18.1	18.4
8H	17.9	18.4	18.3	18.7	19.1	17.3	17.8	17.7	18.1	18.5
12H	18.0	18.4	18.4	18.8	19.2	17.4	17.8	17.8	18.2	18.5
8H 4H	17.6	18.1	18.0	18.4	18.8	17.1	17.6	17.5	17.9	18.3
6H	18.0	18.4	18.4	18.8	19.2	17.5	17.8	17.9	18.2	18.6
8H	18.1	18.5	18.6	18.9	19.3	17.6	17.9	18.0	18.3	18.8
12H	18.3	18.5	18.7	19.0	19.5	17.6	17.9	18.1	18.4	18.8
12H 4H	17.6	18.0	18.0	18.4	18.8	17.1	17.5	17.5	17.9	18.3
6H	18.0	18.3	18.4	18.7	19.2	17.5	17.8	17.9	18.2	18.7
8H	18.2	18.5	18.6	18.9	19.4	17.6	17.9	18.1	18.3	18.8
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 1.5 / - 1.2					+ 1.2 / - 1.1				
1.5H	+ 3.0 / - 1.2					+ 2.6 / - 1.1				
2.0H	+ 0.8 / - 0.4					+ 0.6 / - 0.4				

CIE Pub.117, 1349 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 1.0)
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-10X2501-3000K RA90 36D WHITE

UTILIZATION FACTORS TABLE

Test:U:240.3V I:0.0782A P:18.3W PF:0.9711 Freq:49.99Hz UTHDi:0.42% ITHDi:11.34% KDisp:0.9807 Lamp Flux:1349.31x1 lm		
NAME: HCP-10X2501-3000K 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	108	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	

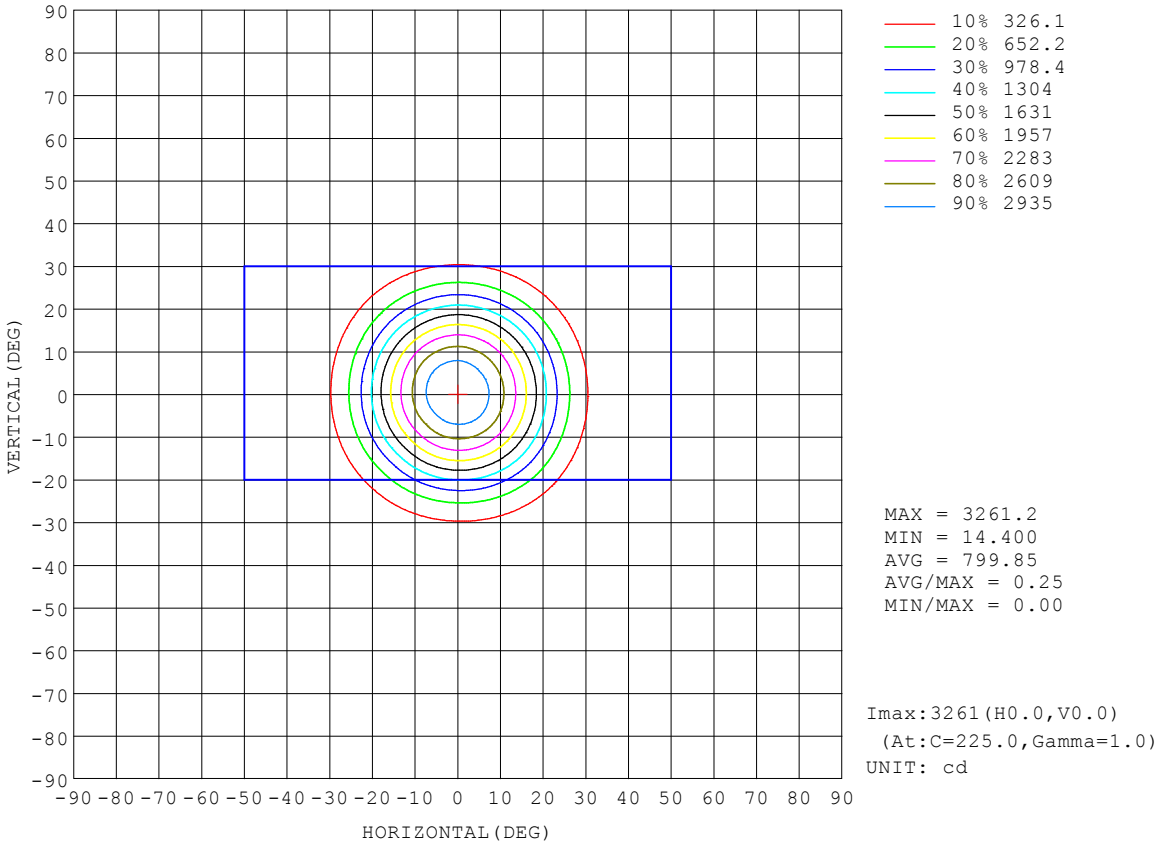
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-20

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-10X2501-3000K RA90 36D WHITE

ISOCANDELA DIAGRAM

Test:U:240.3V I:0.0782A P:18.3W PF:0.9711 Freq:49.99Hz UTHDi:0.42% ITHDi:11.34% KDisp:0.9807 Lamp Flux:1349.31x1 lm		
NAME: HCP-10X2501-3000K 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
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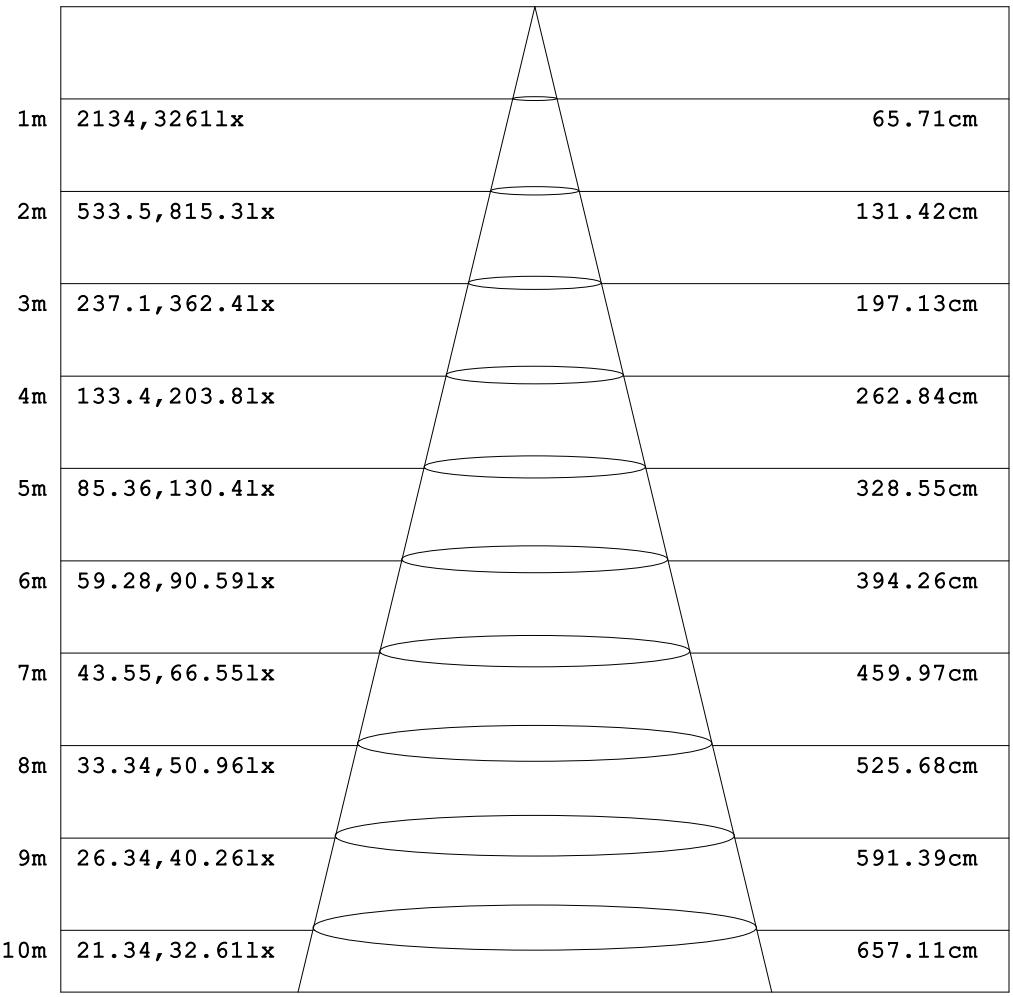
γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks:

Photometric Filename: HCP-10X2501-3000K RA90 36D WHITE

AAI Figure

Test:U:240.3V I:0.0782A P:18.3W PF:0.9711 Freq:49.99Hz UTHDi:0.42% ITHDi:11.34% KDisp:0.9807 Lamp Flux:1349.31x1 lm		
NAME: HCP-10X2501-3000K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 55mm	Shielding Angle:

Flux out:794.8 lm



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

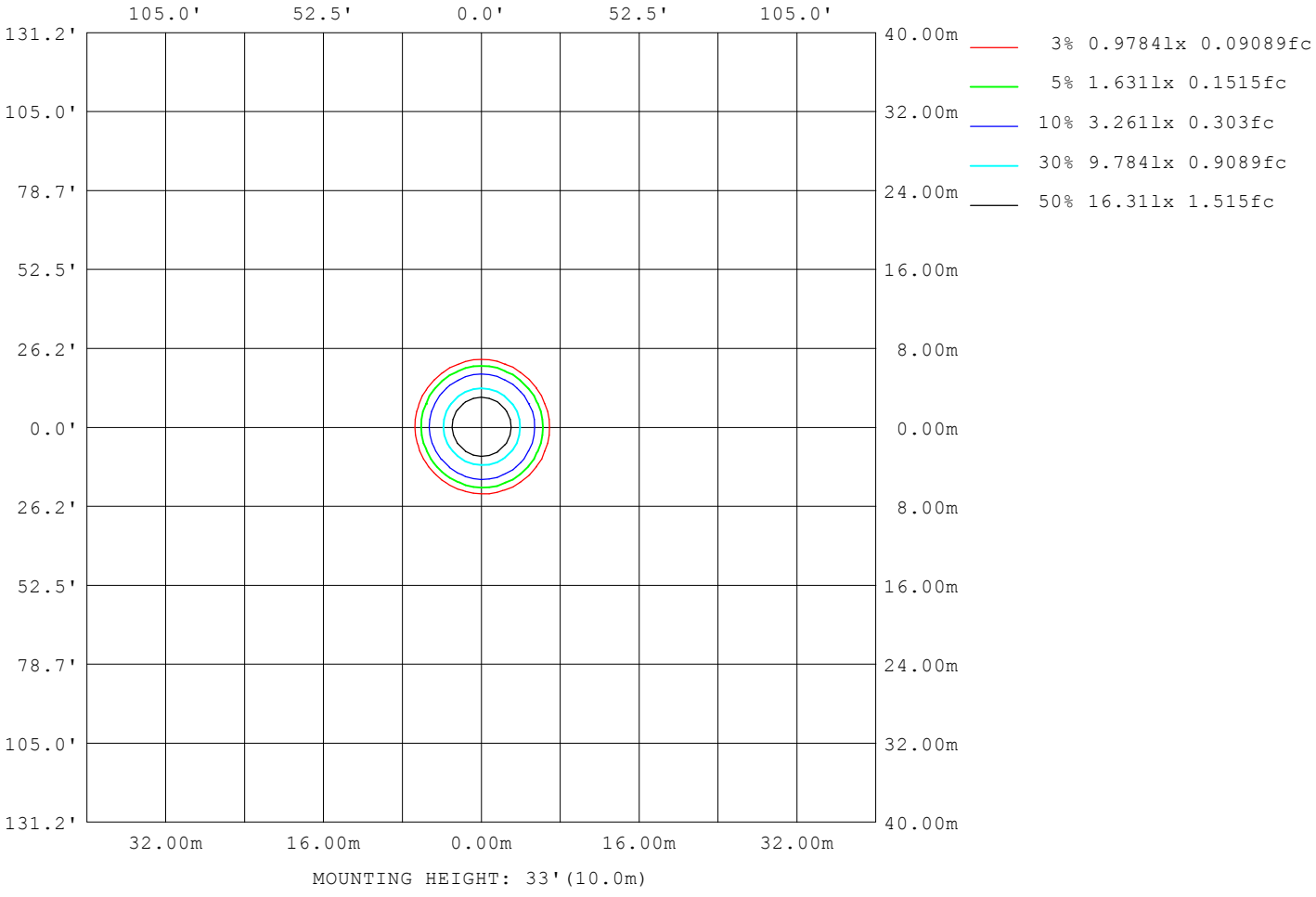
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-20

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:

Photometric Filename: HCP-10X2501-3000K RA90 36D WHITE

ISOLUX DIAGRAM

Test:U:240.3V I:0.0782A P:18.3W PF:0.9711 Freq:49.99Hz **UTHDi:0.42% ITHDi:11.34% KDisp:0.9807 Lamp Flux:1349.31x1 lm**		
NAME: HCP-10X2501-3000K 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:0.9711 Freq:49.99Hz UTHDi:0.42% ITHDi:11.34% KDisp:0.9807 Lamp Flux:1349.31x1 lm		
NAME: HCP-10X2501-3000K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 55mm	Shielding Angle:

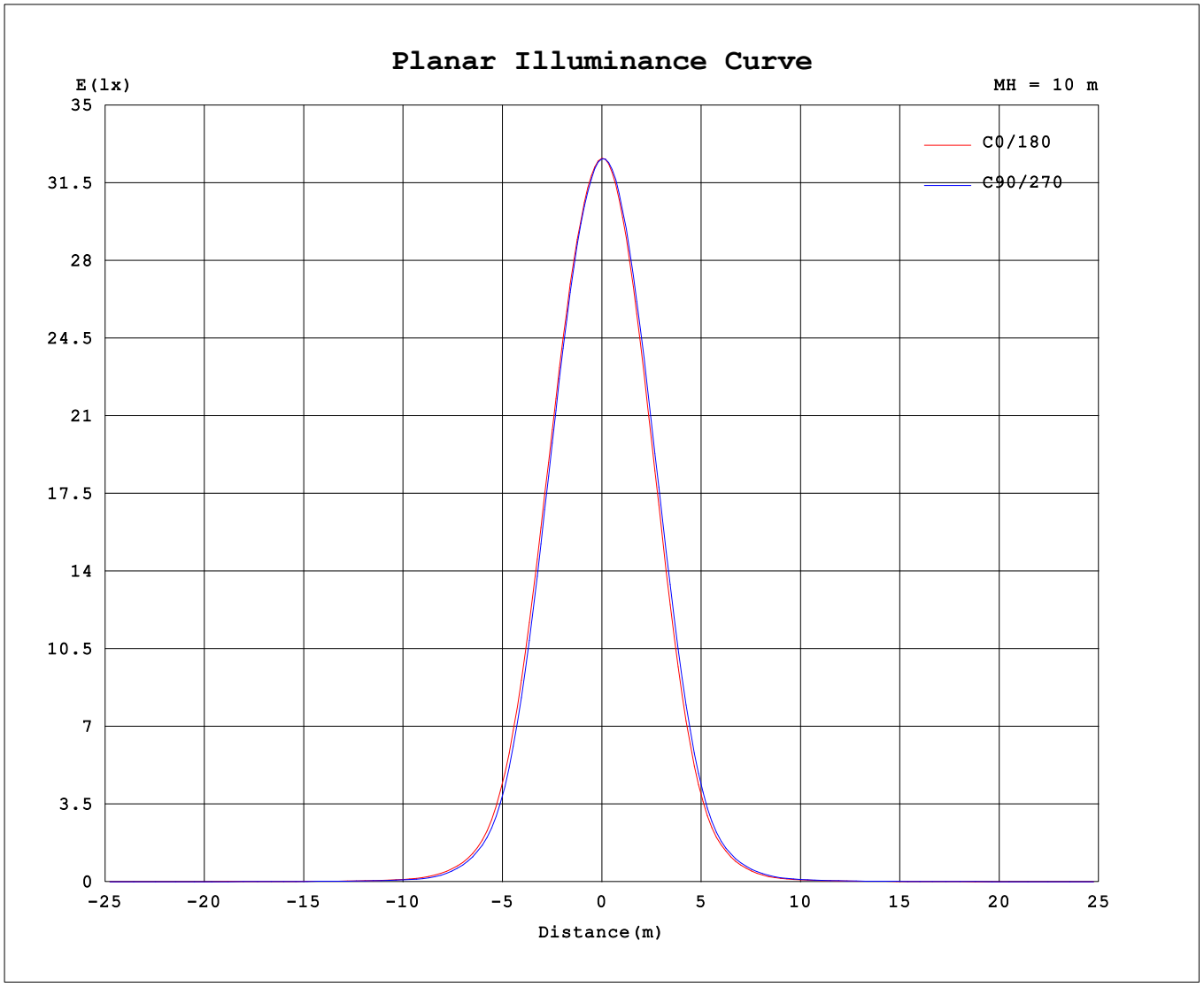
AvgL	cd/m2
L_0~180(65)av	11336
L_0~180(75)av	9773
L_0~180(85)av	7408
L_90~270(65)av	11568
L_90~270(75)av	9849
L_90~270(85)av	7365
L_45(65)av	11431
L_45(75)av	9798
L_45(85)av	7278

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-10X2501-3000K RA90 36D WHITE

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:240.3V I:0.0782A P:18.3W PF:0.9711 Freq:49.99Hz UTHDi:0.42% ITHDi:11.34% KDisp:0.9807 Lamp Flux:1349.31x1 lm		
NAME: HCP-10X2501-3000K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 55mm	Shielding Angle:

Table--1 UNIT: cd

C(DEG) / γ (DEG)	0	45	90	135	180	225	270	315
0	3258	3258	3258	3258	3258	3258	3258	3258
5	3094	3090	3078	3079	3107	3134	3137	3107
10	2690	2685	2653	2637	2677	2735	2739	2712
15	2096	2076	2029	1999	2053	2112	2142	2135
20	1408	1389	1313	1272	1333	1392	1435	1430
25	779	766	694	663	702	753	780	779
30	354	346	310	296	310	335	345	350
35	160	158	138	130	138	149	156	159
40	69.1	62.9	52.8	49.3	53.7	59.1	66.2	68.9
45	31.5	29.8	27.3	26.6	28.1	29.9	31.3	31.7
50	19.9	19.5	17.5	17.4	18.0	19.1	20.3	20.2
55	15.5	15.1	14.6	14.0	14.3	15.2	16.1	15.9
60	13.6	13.3	12.8	12.4	12.7	13.6	14.3	14.1
65	11.5	11.0	10.4	10.1	10.5	11.3	12.1	12.0
70	8.80	8.28	7.75	7.58	7.89	8.56	9.14	9.15
75	6.18	5.73	5.31	5.20	5.46	5.96	6.42	6.44
80	3.80	3.44	3.12	3.04	3.26	3.60	3.96	3.98
85	1.69	1.41	1.19	1.13	1.28	1.50	1.76	1.80
90	0.06	0.04	0.06	0.05	0.05	0.04	0.04	0.04

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-10X2501-3000K 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	3258	3258	3258	3258	3258	3258	3258	3258
3.0	3193	3186	3181	3189	3207	3226	3224	3206
6.0	3026	3030	3016	3012	3042	3075	3075	3043
9.0	2793	2786	2757	2744	2782	2833	2836	2808
12.0	2474	2460	2423	2403	2442	2504	2523	2503
15.0	2096	2076	2029	1999	2053	2112	2142	2135
18.0	1689	1664	1600	1562	1622	1684	1727	1716
21.0	1273	1254	1175	1131	1191	1249	1290	1288
24.0	894.9	877.0	801.6	765.5	811.7	869.1	897.5	897.9
27.0	581.1	566.8	505.2	486.2	510.8	547.4	571.0	579.4
30.0	353.7	345.6	310.0	296.0	309.7	335.2	345.1	350.3
33.0	217.2	220.2	191.8	183.4	191.7	206.7	215.0	215.0
36.0	136.9	133.8	116.0	108.5	116.3	125.4	132.8	135.8
39.0	83.64	76.59	64.74	59.82	65.42	72.12	79.47	83.17
42.0	48.16	43.43	37.05	35.45	38.19	41.74	46.22	48.36
45.0	31.52	29.82	27.29	26.60	28.08	29.93	31.30	31.73
48.0	24.34	23.02	20.28	20.23	20.85	22.78	24.37	24.32
51.0	18.61	17.75	16.74	16.60	17.16	18.10	19.20	18.89
54.0	16.27	15.71	15.01	14.39	14.76	15.72	16.68	16.56
57.0	14.59	14.34	13.86	13.39	13.72	14.58	15.27	15.01
60.0	13.62	13.34	12.82	12.39	12.72	13.64	14.33	14.07
63.0	12.51	12.11	11.54	11.18	11.55	12.42	13.13	12.96
66.0	10.98	10.45	9.851	9.616	9.977	10.76	11.45	11.41
69.0	9.347	8.811	8.258	8.076	8.406	9.106	9.704	9.718
72.0	7.725	7.229	6.746	6.602	6.889	7.485	8.015	8.043
75.0	6.177	5.733	5.311	5.202	5.458	5.958	6.415	6.438
78.0	4.715	4.332	3.968	3.881	4.108	4.513	4.908	4.930
81.0	3.349	3.017	2.715	2.642	2.841	3.159	3.498	3.518
84.0	2.087	1.798	1.553	1.494	1.664	1.906	2.183	2.208
87.0	0.9114	0.6609	0.4589	0.4027	0.5267	0.7236	0.9631	1.003
90.0	0.0559	0.0414	0.0601	0.0450	0.0491	0.0437	0.0434	0.0399

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: