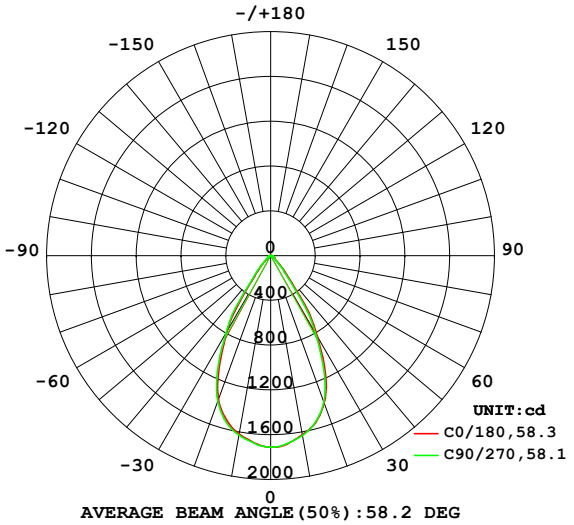
Photometric Filename: HCP-10X2501-5700K RA90 60D WHITE

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:240.3V I:0.0782A P:18.2W PF:0.9714 Freq:49.99Hz UTHDi:0.38% ITHDi:11.47% KDisp:0.9806 Lamp Flux:1545.47x1 lm		
NAME: HCP-10X2501-5700K RA90 60D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 55mm	Shielding Angle:

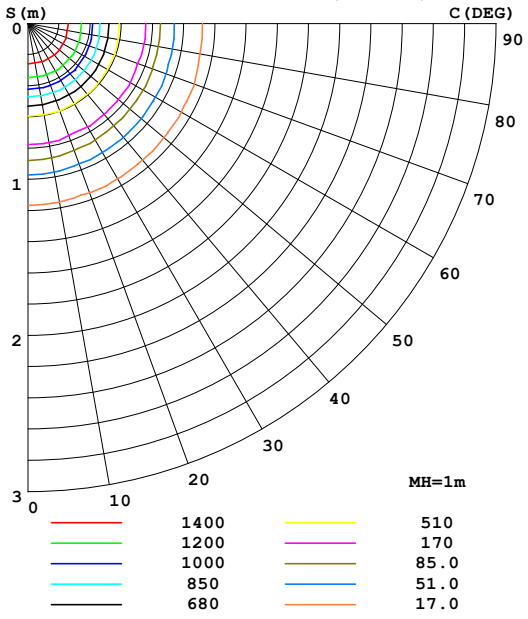
DATA OF LAMP		PHOTOMETRIC DATA Eff: 84.69 lm/W			
MODEL		Imax(cd)	1711	S/MH(C0/180)	0.87
NOMINAL POWER(W)	19	LOR(%)	100.0	S/MH(C90/270)	0.88
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	1545.5	η UP,DN(C0-180)	0.0,50.4
NOMINAL FLUX(lm)	1545.47	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,49.6
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	240.34	η down(%)	100.0	CIBSE SHR MAX	0.90

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):58.2 DEG

PLANAR ISOLUX DIAGRAM(UNIT:lx)



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-22

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 60D WHITE

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	1626	1632	1631	1629	1618	1622	1628	1632	0- 10	158.9	158.9	10.3,10.3
20	1400	1416	1390	1375	1363	1366	1383	1394	10- 20	429.6	588.5	38.1,38.1
30	835.6	836.6	803.2	791.6	780.0	780.7	802.5	823.1	20- 30	507.9	1096	70.9,70.9
40	222.8	208.1	191.1	184.9	182.0	188.7	209.2	210.2	30- 40	292.7	1389	89.9,89.9
50	52.09	48.42	42.71	39.61	39.40	41.96	47.98	50.63	40- 50	82.63	1472	95.2,95.2
60	30.11	29.32	28.21	27.62	27.72	28.45	29.49	30.20	50- 60	30.13	1502	97.2,97.2
70	20.92	19.95	18.84	18.44	18.61	19.38	20.67	21.29	60- 70	24.58	1526	98.8,98.8
80	9.452	8.721	7.938	7.644	7.828	8.492	9.375	9.726	70- 80	14.93	1541	99.7,99.7
90	0.0796	0.0745	0.0903	0.0829	0.0893	0.0838	0.0820	0.0752	80- 90	4.060	1545	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): 1443.6 lm

%lum = 93.4%
%lamp = 93.4%

Conical surface Flux(120deg): 1501.9 lm

%lum = 97.2%
%lamp = 97.2%

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-22

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:

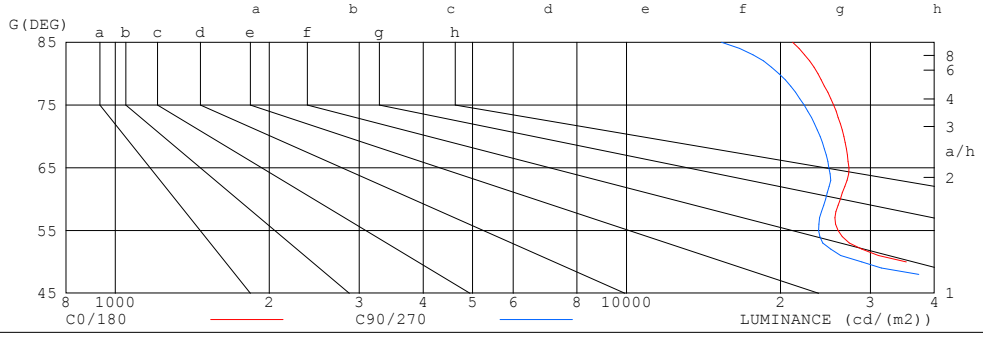
Photometric Filename: HCP-10X2501-5700K RA90 60D WHITE

LUMINANCE LIMITATION CURVES

Test:U:240.3V I:0.0782A P:18.2W PF:0.9714 Freq:49.99Hz **UTHDi:0.38% ITHDi:11.47% KDisp:0.9806 Lamp Flux:1545.47x1 lm**		
NAME: HCP-10X2501-5700K RA90 60D 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	21127	15340
80	23679	19864
75	25425	22249
70	26610	23932
65	27221	24880
60	26200	24519
55	25920	23737
50	35249	28871
45	73619	60268

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-22

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 60D WHITE

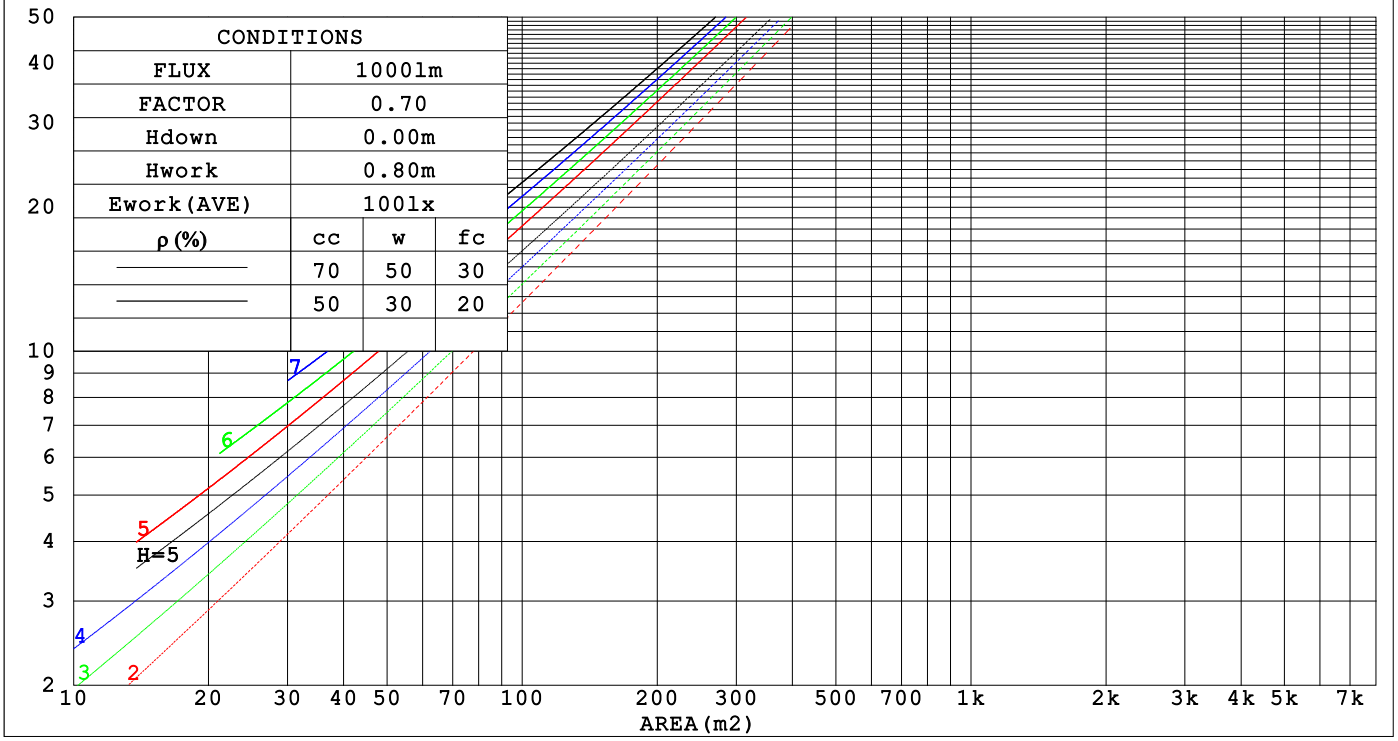
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:240.3V I:0.0782A P:18.2W PF:0.9714 Freq:49.99Hz UTHDi:0.38% ITHDi:11.47% KDisp:0.9806 Lamp Flux:1545.47x1 lm		
NAME: HCP-10X2501-5700K RA90 60D 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	1.10	1.08	1.05	1.08	1.06	1.04	1.04	1.02	1.00	1.00	.99	.97	.97	.96	.95	.93
2.0	1.02	.98	.94	1.00	.97	.93	.97	.94	.91	.94	.92	.89	.91	.89	.87	.86
3.0	.95	.90	.86	.94	.89	.85	.91	.87	.84	.89	.85	.82	.86	.83	.81	.79
4.0	.89	.83	.79	.87	.82	.78	.85	.81	.77	.83	.79	.76	.81	.78	.75	.74
5.0	.83	.77	.72	.82	.76	.72	.80	.75	.72	.78	.74	.71	.77	.73	.70	.69
6.0	.78	.72	.67	.77	.71	.67	.75	.70	.67	.74	.70	.66	.73	.69	.66	.64
7.0	.73	.67	.63	.72	.67	.63	.71	.66	.62	.70	.65	.62	.69	.65	.62	.60
8.0	.69	.63	.59	.68	.63	.59	.67	.62	.58	.66	.61	.58	.65	.61	.58	.56
9.0	.65	.59	.55	.65	.59	.55	.64	.58	.55	.63	.58	.55	.62	.58	.54	.53
10.0	.62	.56	.52	.61	.55	.52	.60	.55	.52	.60	.55	.51	.59	.54	.51	.50

LAMPS

LUMINAIRE BUDGETARY DIAGRAM



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-22

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 60D WHITE

WEC AND CCEC

Test:U:240.3V I:0.0782A P:18.2W PF:0.9714 Freq:49.99Hz UTHDi:0.38% ITHDi:11.47% KDisp:0.9806 Lamp Flux:1545.47x1 lm		
NAME: HCP-10X2501-5700K RA90 60D 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	.188	.107	.034	.182	.104	.033	.169	.097	.031	.157	.091	.029	.147	.085	.027	
2.0	.179	.098	.030	.174	.096	.029	.163	.091	.028	.153	.086	.027	.144	.081	.026	
3.0	.170	.090	.027	.165	.088	.027	.156	.084	.026	.147	.081	.025	.139	.077	.024	
4.0	.161	.084	.025	.157	.082	.024	.149	.079	.024	.141	.076	.023	.135	.073	.022	
5.0	.153	.078	.023	.149	.076	.022	.142	.074	.022	.136	.072	.021	.130	.069	.021	
6.0	.145	.073	.021	.142	.072	.021	.136	.070	.020	.130	.068	.020	.125	.066	.020	
7.0	.138	.068	.019	.135	.067	.019	.130	.066	.019	.125	.064	.019	.120	.062	.018	
8.0	.132	.064	.018	.129	.064	.018	.125	.062	.018	.120	.061	.018	.116	.059	.017	
9.0	.126	.061	.017	.124	.060	.017	.120	.059	.017	.116	.058	.017	.112	.057	.016	
10.0	.121	.058	.016	.119	.057	.016	.115	.056	.016	.111	.055	.016	.108	.054	.016	

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	.135	.114	.096	.092	.079	.067	.053	.046	.039	.017	.015	.013	
3.0	.145	.114	.088	.124	.098	.077	.085	.068	.054	.049	.040	.032	.016	.013	.010	
4.0	.135	.099	.071	.116	.086	.062	.080	.060	.044	.046	.035	.026	.015	.011	.009	
5.0	.126	.087	.059	.109	.076	.051	.075	.053	.036	.043	.031	.021	.014	.010	.007	
6.0	.119	.078	.049	.102	.068	.043	.071	.047	.030	.041	.028	.018	.013	.009	.006	
7.0	.113	.071	.041	.097	.061	.036	.067	.043	.026	.039	.025	.015	.013	.008	.005	
8.0	.107	.065	.036	.092	.056	.031	.064	.039	.022	.037	.023	.013	.012	.008	.004	
9.0	.102	.059	.031	.088	.052	.027	.061	.036	.019	.035	.021	.011	.011	.007	.004	
10.0	.097	.055	.027	.084	.048	.024	.058	.034	.017	.034	.020	.010	.011	.007	.003	

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-22

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 60D WHITE

UGR(Unified Glare Rating) Table

Test:U:240.3V I:0.0782A P:18.2W PF:0.9714 Freq:49.99Hz UTHDi:0.38% ITHDi:11.47% KDisp:0.9806 Lamp Flux:1545.47x1 lm		
NAME: HCP-10X2501-5700K RA90 60D 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	23.5	24.5	23.7	24.6	24.8	23.1	24.1	23.4	24.3	24.5
3H	23.7	24.6	24.0	24.8	25.0	23.4	24.3	23.6	24.5	24.7
4H	23.9	24.7	24.1	24.9	25.2	23.5	24.3	23.8	24.6	24.8
6H	24.0	24.8	24.3	25.0	25.3	23.6	24.4	23.9	24.6	24.9
8H	24.0	24.8	24.3	25.1	25.3	23.6	24.4	23.9	24.6	24.9
12H	24.0	24.8	24.4	25.1	25.3	23.6	24.3	23.9	24.6	24.9
4H 2H	23.4	24.2	23.7	24.5	24.7	23.1	23.9	23.4	24.2	24.4
3H	23.8	24.5	24.1	24.8	25.1	23.4	24.2	23.8	24.5	24.7
4H	24.0	24.7	24.4	25.0	25.3	23.7	24.3	24.0	24.6	25.0
6H	24.3	24.9	24.6	25.2	25.5	23.9	24.5	24.2	24.8	25.1
8H	24.3	24.9	24.7	25.2	25.6	23.9	24.5	24.3	24.8	25.2
12H	24.4	24.9	24.8	25.3	25.7	23.9	24.4	24.3	24.8	25.2
8H 4H	24.1	24.6	24.5	25.0	25.3	23.7	24.3	24.1	24.6	25.0
6H	24.4	24.8	24.8	25.2	25.6	24.0	24.4	24.4	24.8	25.3
8H	24.5	24.9	25.0	25.3	25.8	24.1	24.5	24.5	24.9	25.4
12H	24.6	24.9	25.1	25.4	25.9	24.2	24.5	24.6	24.9	25.4
12H 4H	24.0	24.5	24.4	24.9	25.3	23.7	24.2	24.1	24.6	25.0
6H	24.4	24.8	24.8	25.2	25.6	24.0	24.4	24.4	24.8	25.3
8H	24.5	24.9	25.0	25.3	25.8	24.1	24.5	24.6	24.9	25.4
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 2.0 / - 1.9					+ 1.6 / - 1.8				
1.5H	+ 3.8 / - 2.0					+ 3.2 / - 1.9				
2.0H	+ 2.4 / - 0.7					+ 1.9 / - 0.6				

CIE Pub.117, 1545 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:2023-11-22

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 60D WHITE

UTILIZATION FACTORS TABLE

Test:U:240.3V I:0.0782A P:18.2W PF:0.9714 Freq:49.99Hz UTHDi:0.38% ITHDi:11.47% KDisp:0.9806 Lamp Flux:1545.47x1 lm		
NAME: HCP-10X2501-5700K RA90 60D 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	85	79	75	85	78	75	84	78	74	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	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	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	

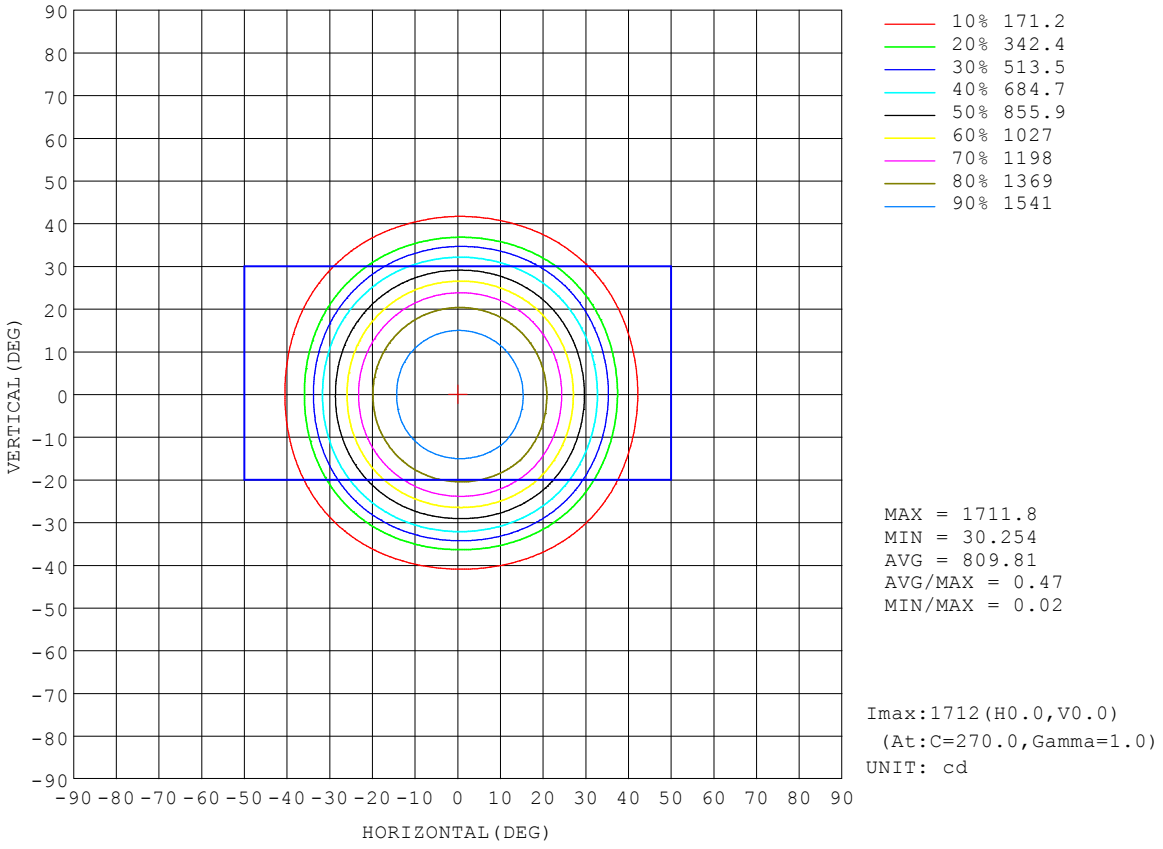
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-22

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 60D WHITE

ISOCANDELA DIAGRAM

Test:U:240.3V I:0.0782A P:18.2W PF:0.9714 Freq:49.99Hz UTHDi:0.38% ITHDi:11.47% KDisp:0.9806 Lamp Flux:1545.47x1 lm		
NAME: HCP-10X2501-5700K RA90 60D 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
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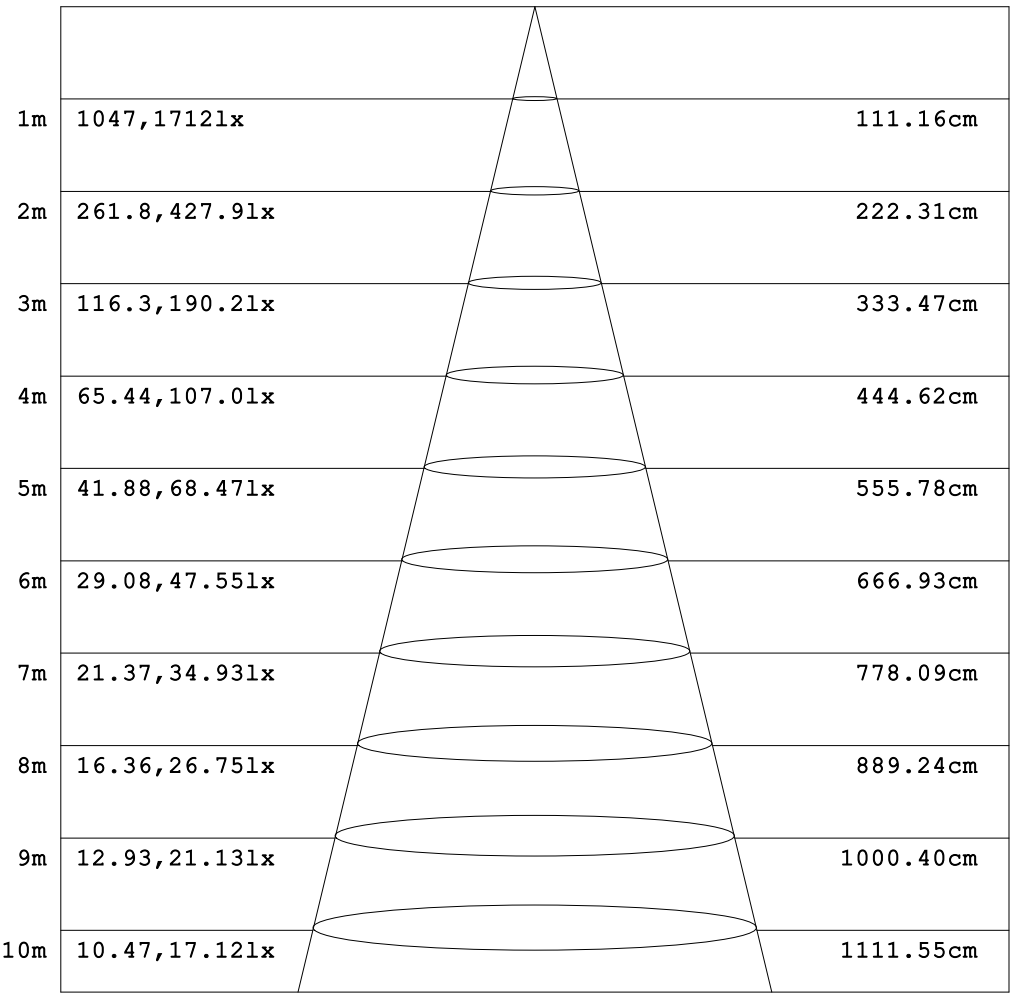
γ Range: 0 - 90DEG
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Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks:

Photometric Filename: HCP-10X2501-5700K RA90 60D WHITE

AAI Figure

Test:U:240.3V I:0.0782A P:18.2W PF:0.9714 Freq:49.99Hz UTHDi:0.38% ITHDi:11.47% KDisp:0.9806 Lamp Flux:1545.47x1 lm		
NAME: HCP-10X2501-5700K RA90 60D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 55mm	Shielding Angle:

Flux out:1096 lm



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

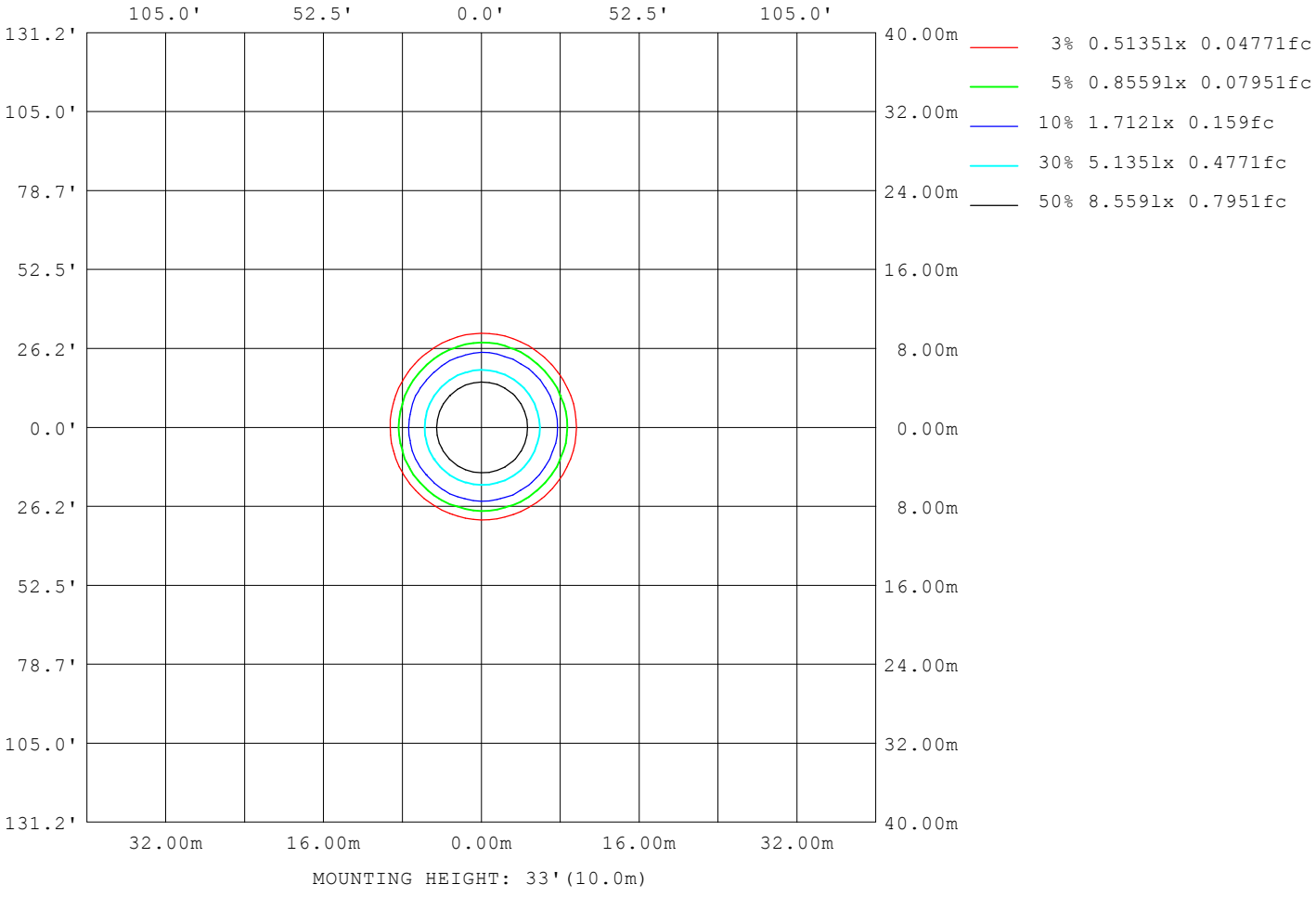
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-22

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 60D WHITE

ISOLUX DIAGRAM

Test:U:240.3V I:0.0782A P:18.2W PF:0.9714 Freq:49.99Hz UTHDi:0.38% ITHDi:11.47% KDisp:0.9806 Lamp Flux:1545.47x1 lm		
NAME: HCP-10X2501-5700K RA90 60D 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:2023-11-22

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:18.2W PF:0.9714 Freq:49.99Hz UTHDi:0.38% ITHDi:11.47% KDisp:0.9806 Lamp Flux:1545.47x1 lm		
NAME: HCP-10X2501-5700K RA90 60D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 55mm	Shielding Angle:

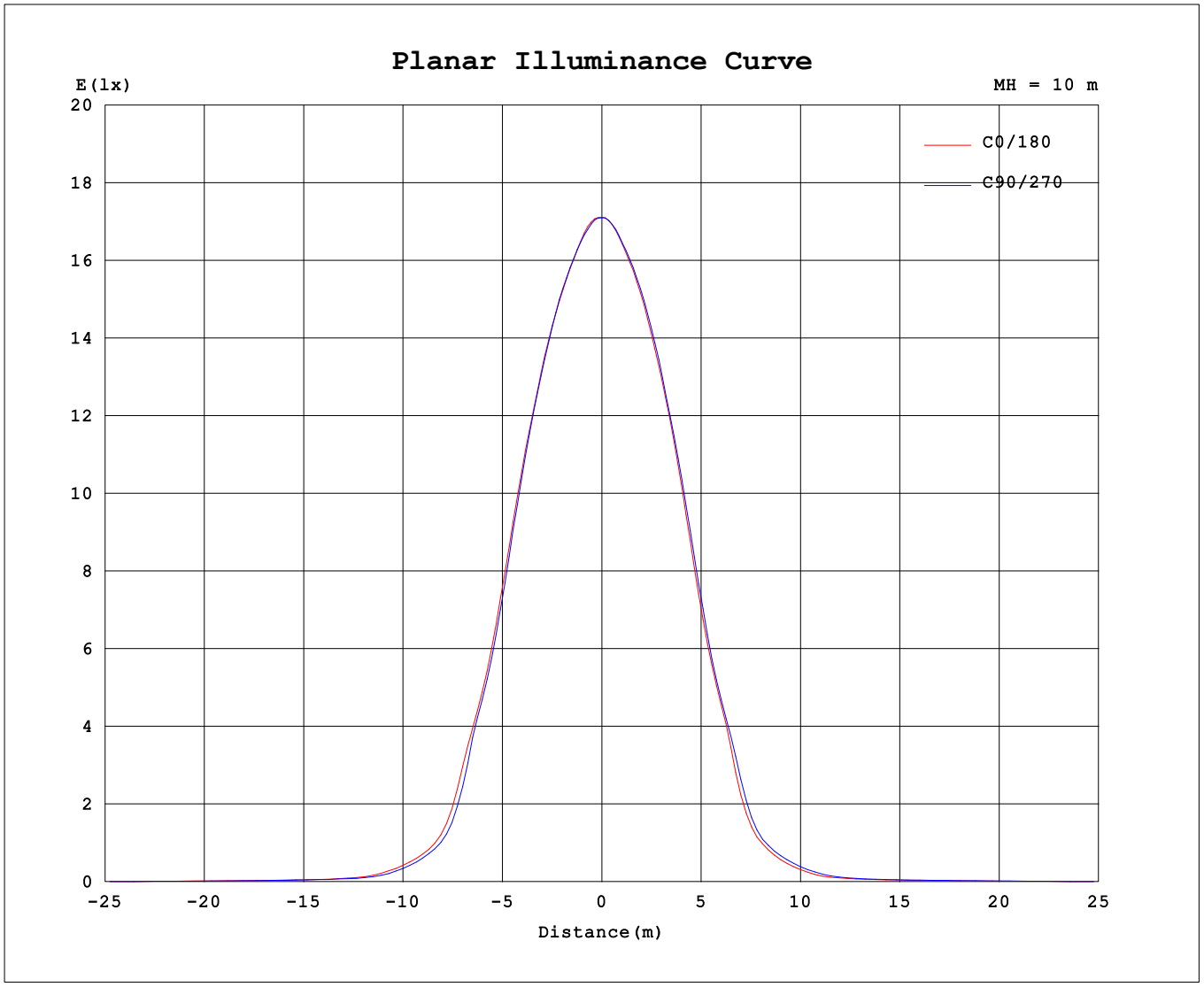
AvgL	cd/m2
L_0~180(65)av	25854
L_0~180(75)av	23742
L_0~180(85)av	17779
L_90~270(65)av	25778
L_90~270(75)av	23719
L_90~270(85)av	17948
L_45(65)av	25830
L_45(75)av	23729
L_45(85)av	17816

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-22

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:2023-11-22

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 60D WHITE

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:240.3V I:0.0782A P:18.2W PF:0.9714 Freq:49.99Hz UTHDi:0.38% ITHDi:11.47% KDisp:0.9806 Lamp Flux:1545.47x1 lm		
NAME: HCP-10X2501-5700K RA90 60D 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	1711	1711	1711	1711	1711	1711	1711	1711
5	1690	1689	1686	1683	1678	1678	1684	1691
10	1626	1632	1631	1629	1618	1622	1628	1632
15	1547	1554	1543	1536	1522	1533	1541	1545
20	1400	1416	1390	1375	1363	1366	1383	1394
25	1160	1167	1127	1104	1087	1095	1126	1150
30	836	837	803	792	780	781	802	823
35	542	503	448	428	408	420	482	523
40	223	208	191	185	182	189	209	210
45	120	109	98.1	88.2	88.9	95.5	111	112
50	52.1	48.4	42.7	39.6	39.4	42.0	48.0	50.6
55	34.2	33.1	31.3	30.6	30.6	31.4	33.2	34.1
60	30.1	29.3	28.2	27.6	27.7	28.5	29.5	30.2
65	26.4	25.4	24.2	23.7	23.8	24.6	25.9	26.7
70	20.9	20.0	18.8	18.4	18.6	19.4	20.7	21.3
75	15.1	14.2	13.3	13.0	13.1	13.9	15.0	15.5
80	9.45	8.72	7.94	7.64	7.83	8.49	9.38	9.73
85	4.23	3.71	3.08	2.79	2.89	3.41	4.12	4.38
90	0.08	0.07	0.09	0.08	0.09	0.08	0.08	0.08

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-22

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 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	1711	1711	1711	1711	1711	1711	1711	1711
3.0	1706	1704	1702	1700	1698	1696	1701	1704
6.0	1677	1677	1677	1672	1667	1667	1672	1680
9.0	1639	1643	1643	1642	1632	1635	1641	1645
12.0	1598	1608	1603	1599	1587	1593	1599	1601
15.0	1547	1554	1543	1536	1522	1533	1541	1545
18.0	1466	1482	1462	1447	1438	1445	1452	1461
21.0	1365	1376	1348	1333	1318	1322	1341	1357
24.0	1218	1226	1193	1170	1151	1159	1186	1212
27.0	1033	1034	993.5	976.0	954.4	967.7	994.4	1023
30.0	835.6	836.6	803.2	791.6	780.0	780.7	802.5	823.1
33.0	670.7	655.8	632.4	612.2	587.5	595.9	636.5	653.3
36.0	451.9	413.3	368.2	354.3	335.8	346.4	397.3	434.8
39.0	259.3	234.8	216.6	214.3	209.0	212.0	233.7	244.7
42.0	175.3	160.1	149.6	141.9	140.2	147.3	164.9	165.3
45.0	119.7	108.8	98.07	88.19	88.86	95.54	110.9	112.5
48.0	75.09	67.73	57.46	50.96	50.76	55.73	67.04	71.32
51.0	45.00	43.16	37.99	36.34	36.05	37.93	42.56	44.01
54.0	35.69	34.44	32.31	31.48	31.36	32.42	34.45	35.57
57.0	32.02	31.18	29.90	29.32	29.43	30.09	31.35	32.07
60.0	30.11	29.32	28.21	27.62	27.72	28.45	29.49	30.20
63.0	28.19	27.30	26.20	25.61	25.70	26.56	27.64	28.33
66.0	25.37	24.30	23.19	22.69	22.82	23.62	24.91	25.64
69.0	22.06	21.03	19.93	19.53	19.69	20.47	21.76	22.43
72.0	18.62	17.65	16.58	16.24	16.43	17.20	18.42	18.99
75.0	15.13	14.22	13.25	12.96	13.14	13.87	14.99	15.46
78.0	11.66	10.88	10.02	9.722	9.927	10.60	11.59	11.98
81.0	8.369	7.672	6.919	6.634	6.810	7.438	8.281	8.622
84.0	5.224	4.665	4.004	3.727	3.869	4.403	5.134	5.405
87.0	2.305	1.853	1.263	0.9256	0.9559	1.409	2.088	2.357
90.0	0.0796	0.0745	0.0903	0.0829	0.0893	0.0838	0.0820	0.0752

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: