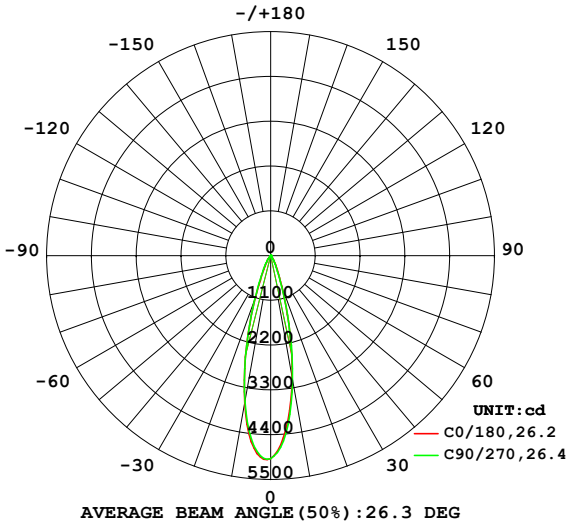
Photometric Filename: HCP-10X2501-2700K RA90 24D WHITE

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:240.3V I:0.0783A P:18.3W PF:0.9710 Freq:49.99Hz UTHDi:0.27% ITHDi:10.72% KDisp:0.9803 Lamp Flux:1301.41x1 lm		
NAME: HCP-10X2501-2700K RA90 24D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 55mm	Shielding Angle:

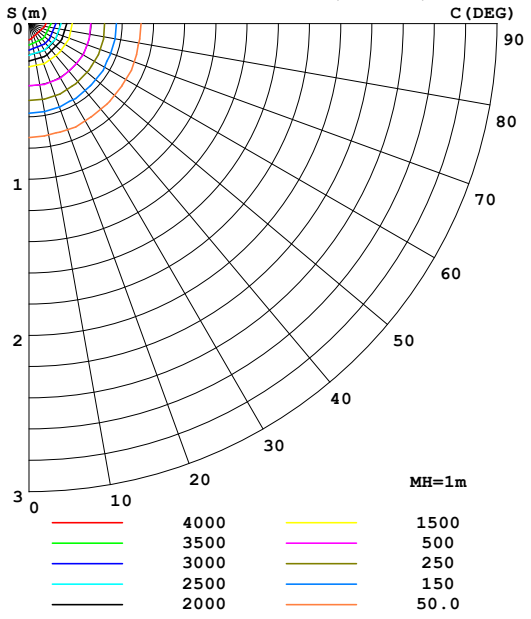
DATA OF LAMP		PHOTOMETRIC DATA Eff: 71.26 lm/W			
MODEL		Imax(cd)	5021	S/MH(C0/180)	0.47
NOMINAL POWER(W)	19	LOR(%)	100.0	S/MH(C90/270)	0.47
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	1301.4	η UP,DN(C0-180)	0.0,45.1
NOMINAL FLUX(lm)	1301.41	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,54.9
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	240.17	η down(%)	100.0	CIBSE SHR MAX	0.30

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):26.3 DEG

PLANAR ISOLUX DIAGRAM(UNIT:lx)



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-21

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	3049	2984	3112	3413	3683	3796	3649	3323	0- 10	394.6	394.6	30.3,30.3
20	808.3	788.0	799.1	894.4	1107	1262	1150	950.4	10- 20	551.3	946.0	72.7,72.7
30	217.5	207.4	193.7	208.4	257.3	313.2	292.5	247.0	20- 30	223.3	1169	89.8,89.8
40	45.78	44.24	45.06	51.48	65.25	73.70	67.71	52.20	30- 40	82.37	1252	96.2,96.2
50	14.52	14.87	15.99	16.71	17.42	17.37	16.32	14.89	40- 50	22.08	1274	97.9,97.9
60	10.80	11.17	11.81	12.11	11.94	11.75	11.81	11.12	50- 60	11.85	1286	98.8,98.8
70	6.307	6.441	6.879	7.453	7.764	7.621	7.166	6.567	60- 70	9.318	1295	99.5,99.5
80	2.357	2.349	2.651	3.123	3.472	3.424	3.099	2.618	70- 80	5.135	1300	99.9,99.9
90	0.0583	0.0446	0.0592	0.0393	0.0676	0.1585	0.0486	0.0409	80- 90	1.381	1301	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): 1265.6 lm

%lum = 97.2%
%lamp = 97.2%

Conical surface Flux(120deg): 1285.6 lm

%lum = 98.8%
%lamp = 98.8%

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-21

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:

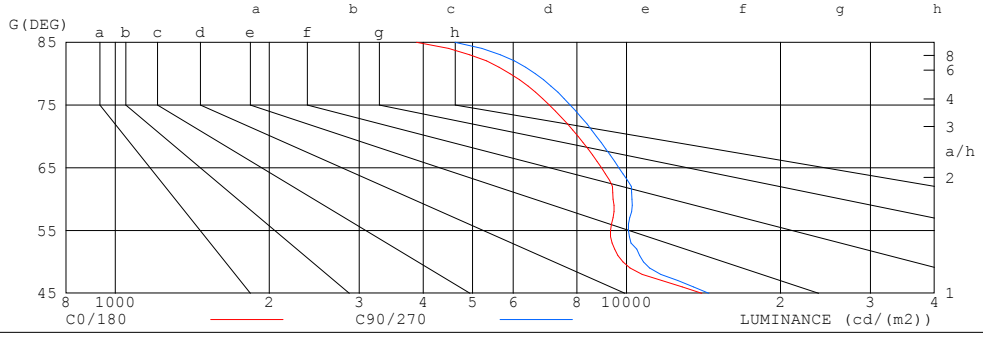
Photometric Filename: HCP-10X2501-2700K RA90 24D WHITE

LUMINANCE LIMITATION CURVES

Test:U:240.3V I:0.0783A P:18.3W PF:0.9710 Freq:49.99Hz **UTHDi:0.27% ITHDi:10.72% KDisp:0.9803 Lamp Flux:1301.41x1 lm**		
NAME: HCP-10X2501-2700K RA90 24D 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	3884	4616
80	5916	6627
75	7066	7762
70	8038	8731
65	8934	9662
60	9417	10254
55	9305	10081
50	9845	10798
45	14028	14488

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-21

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-10X2501-2700K RA90 24D WHITE

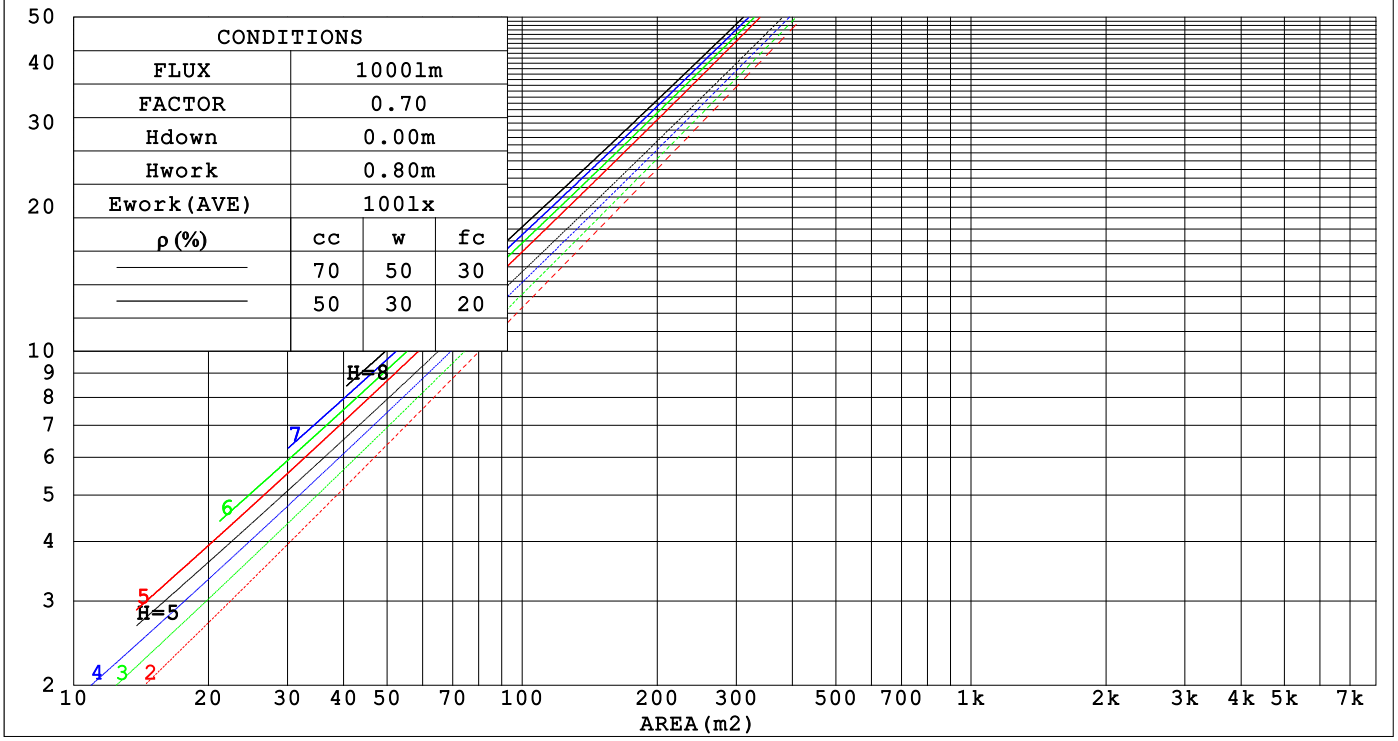
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:240.3V I:0.0783A P:18.3W PF:0.9710 Freq:49.99Hz UTHDi:0.27% ITHDi:10.72% KDisp:0.9803 Lamp Flux:1301.41x1 lm		
NAME: HCP-10X2501-2700K RA90 24D 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	1.07	1.06	1.05	1.03	1.02	1.01	1.00	.99	.98	.97	.96
2.0	1.06	1.03	1.00	1.05	1.02	.99	1.02	.99	.97	.99	.97	.95	.96	.94	.93	.92
3.0	1.01	.97	.94	.00	.96	.93	.97	.94	.92	.95	.93	.91	.93	.91	.89	.88
4.0	.97	.92	.89	.96	.92	.89	.94	.90	.88	.92	.89	.87	.90	.88	.86	.84
5.0	.93	.88	.85	.92	.88	.85	.90	.87	.84	.89	.86	.83	.87	.85	.82	.81
6.0	.89	.85	.81	.88	.84	.81	.87	.83	.80	.86	.82	.80	.85	.82	.79	.78
7.0	.86	.81	.78	.85	.81	.78	.84	.80	.78	.83	.80	.77	.82	.79	.77	.76
8.0	.83	.78	.75	.82	.78	.75	.81	.78	.75	.80	.77	.75	.80	.77	.74	.73
9.0	.80	.76	.73	.80	.75	.73	.79	.75	.72	.78	.75	.72	.77	.74	.72	.71
10.0	.78	.73	.70	.77	.73	.70	.76	.73	.70	.76	.72	.70	.75	.72	.70	.69

LAMPS

LUMINAIRE BUDGETARY DIAGRAM



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-21

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-10X2501-2700K RA90 24D WHITE

WEC AND CCEC

Test:U:240.3V I:0.0783A P:18.3W PF:0.9710 Freq:49.99Hz UTHDi:0.27% ITHDi:10.72% KDisp:0.9803 Lamp Flux:1301.41x1 lm		
NAME: HCP-10X2501-2700K RA90 24D 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	.149	.085	.027	.142	.081	.026	.130	.075	.024	.119	.068	.022	.108	.063	.020	
2.0	.139	.076	.023	.133	.073	.023	.123	.068	.021	.114	.064	.020	.105	.059	.019	
3.0	.130	.069	.021	.125	.067	.020	.116	.063	.019	.108	.059	.018	.101	.056	.017	
4.0	.122	.063	.019	.118	.062	.018	.110	.059	.017	.104	.056	.017	.097	.053	.016	
5.0	.115	.058	.017	.111	.057	.017	.105	.055	.016	.099	.052	.016	.094	.050	.015	
6.0	.108	.054	.016	.106	.053	.015	.100	.051	.015	.095	.049	.015	.090	.048	.014	
7.0	.103	.051	.014	.100	.050	.014	.096	.048	.014	.091	.047	.014	.087	.045	.013	
8.0	.098	.048	.013	.096	.047	.013	.092	.046	.013	.088	.044	.013	.084	.043	.013	
9.0	.094	.045	.013	.092	.045	.013	.088	.044	.012	.085	.042	.012	.081	.041	.012	
10.0	.090	.043	.012	.088	.042	.012	.085	.041	.012	.082	.041	.012	.079	.040	.011	

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	.169	.158	.147	.145	.135	.127	.099	.093	.088	.057	.054	.051	.018	.017	.016	
2.0	.152	.133	.117	.130	.114	.101	.089	.079	.070	.051	.046	.041	.016	.015	.013	
3.0	.137	.113	.094	.118	.098	.082	.081	.068	.057	.047	.040	.034	.015	.013	.011	
4.0	.125	.098	.077	.108	.085	.067	.074	.059	.047	.043	.035	.028	.014	.011	.009	
5.0	.115	.086	.064	.099	.074	.056	.068	.052	.040	.040	.031	.023	.013	.010	.008	
6.0	.107	.076	.054	.092	.066	.047	.063	.046	.033	.037	.027	.020	.012	.009	.007	
7.0	.099	.068	.046	.085	.059	.040	.059	.041	.029	.034	.024	.017	.011	.008	.006	
8.0	.093	.061	.040	.080	.053	.035	.055	.037	.025	.032	.022	.015	.010	.007	.005	
9.0	.087	.056	.035	.075	.048	.030	.052	.034	.021	.030	.020	.013	.010	.007	.004	
10.0	.082	.051	.030	.071	.044	.027	.049	.031	.019	.029	.018	.011	.009	.006	.004	

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-21

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-10X2501-2700K RA90 24D WHITE

UGR(Unified Glare Rating) Table

Test:U:240.3V I:0.0783A P:18.3W PF:0.9710 Freq:49.99Hz UTHDi:0.27% ITHDi:10.72% KDisp:0.9803 Lamp Flux:1301.41x1 lm		
NAME: HCP-10X2501-2700K RA90 24D 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	14.2	15.0	14.4	15.1	15.3	14.1	14.8	14.3	15.0	15.1
3H	14.8	15.4	15.0	15.6	15.8	14.8	15.4	15.0	15.6	15.8
4H	15.0	15.6	15.3	15.9	16.1	15.0	15.7	15.3	15.9	16.1
6H	15.2	15.8	15.4	16.0	16.2	15.2	15.8	15.5	16.0	16.3
8H	15.2	15.8	15.5	16.0	16.3	15.3	15.8	15.6	16.1	16.3
12H	15.2	15.7	15.5	16.0	16.3	15.3	15.8	15.6	16.1	16.4
4H 2H	14.4	15.0	14.7	15.2	15.5	14.3	14.9	14.5	15.1	15.3
3H	15.1	15.7	15.4	15.9	16.2	15.1	15.7	15.4	15.9	16.2
4H	15.4	15.9	15.8	16.2	16.5	15.5	16.0	15.8	16.3	16.6
6H	15.6	16.1	16.0	16.4	16.8	15.7	16.2	16.1	16.5	16.9
8H	15.7	16.1	16.1	16.5	16.8	15.8	16.2	16.2	16.6	17.0
12H	15.7	16.1	16.1	16.5	16.9	15.8	16.2	16.2	16.6	17.0
8H 4H	15.5	15.9	15.9	16.3	16.6	15.5	16.0	15.9	16.3	16.7
6H	15.8	16.1	16.2	16.5	17.0	15.9	16.2	16.3	16.6	17.0
8H	15.9	16.2	16.3	16.6	17.1	16.0	16.3	16.5	16.7	17.2
12H	15.9	16.2	16.4	16.6	17.1	16.1	16.3	16.5	16.8	17.2
12H 4H	15.5	15.9	15.9	16.2	16.6	15.5	15.9	15.9	16.3	16.7
6H	15.8	16.1	16.2	16.5	17.0	15.9	16.2	16.3	16.6	17.0
8H	15.9	16.2	16.4	16.6	17.1	16.0	16.3	16.5	16.7	17.2
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 1.4 / - 1.1					+ 1.1 / - 1.0				
1.5H	+ 2.8 / - 1.1					+ 2.4 / - 0.8				
2.0H	+ 0.6 / - 0.4					+ 0.6 / - 0.5				

CIE Pub.117, 1301 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 0.9)
Area: 0.0023 m2

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-21

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-10X2501-2700K RA90 24D WHITE

UTILIZATION FACTORS TABLE

Test:U:240.3V I:0.0783A P:18.3W PF:0.9710 Freq:49.99Hz UTHDi:0.27% ITHDi:10.72% KDisp:0.9803 Lamp Flux:1301.41x1 lm		
NAME: HCP-10X2501-2700K RA90 24D 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	80	89	83	80	88	83	79	76
0.80	96	91	87	96	90	87	95	90	87	83
1.00	100	95	92	100	95	91	98	94	91	87
1.25	104	99	96	103	99	95	101	97	95	91
1.50	107	102	99	105	101	98	103	100	97	93
2.00	109	105	102	108	104	101	105	102	100	95
2.50	111	107	104	109	106	103	106	103	101	96
3.00	112	109	106	110	107	105	107	105	103	97
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	

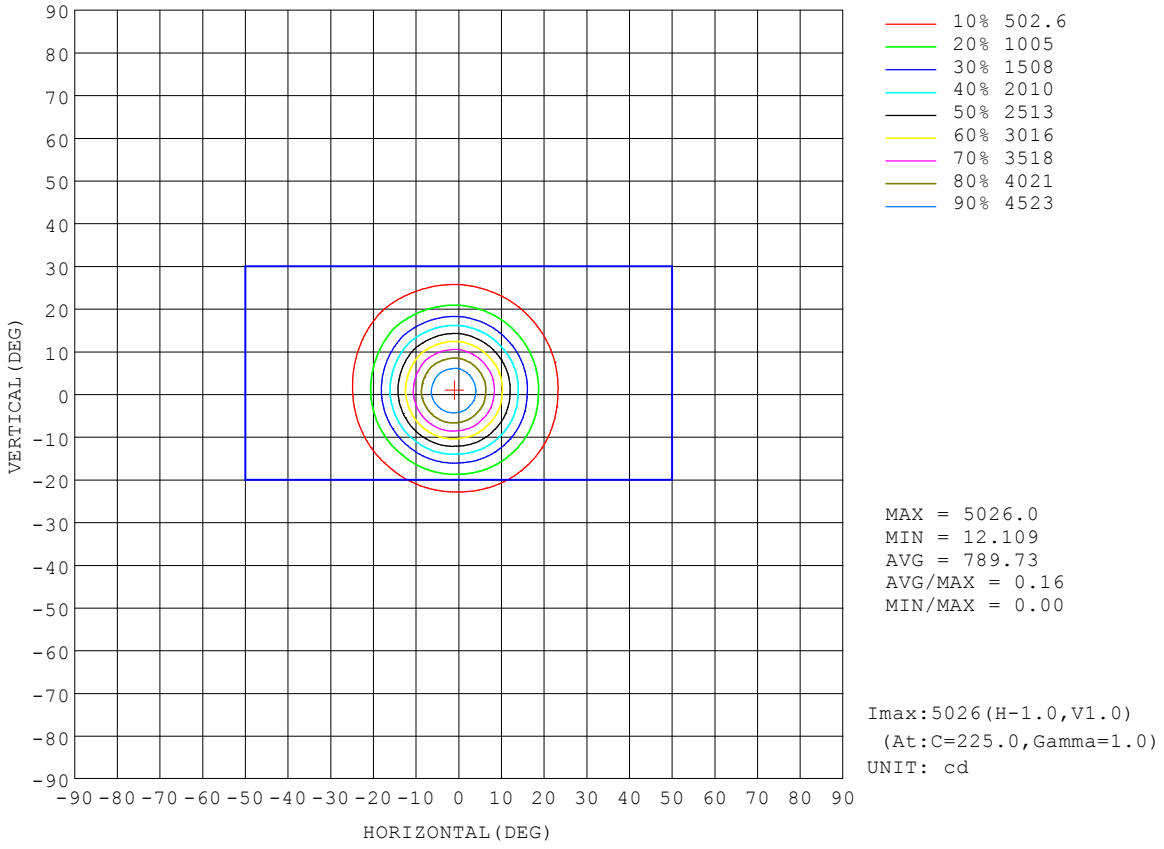
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-21

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-10X2501-2700K RA90 24D WHITE

ISOCANDELA DIAGRAM

Test:U:240.3V I:0.0783A P:18.3W PF:0.9710 Freq:49.99Hz UTHDi:0.27% ITHDi:10.72% KDisp:0.9803 Lamp Flux:1301.41x1 lm		
NAME: HCP-10X2501-2700K RA90 24D 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:2023-11-21

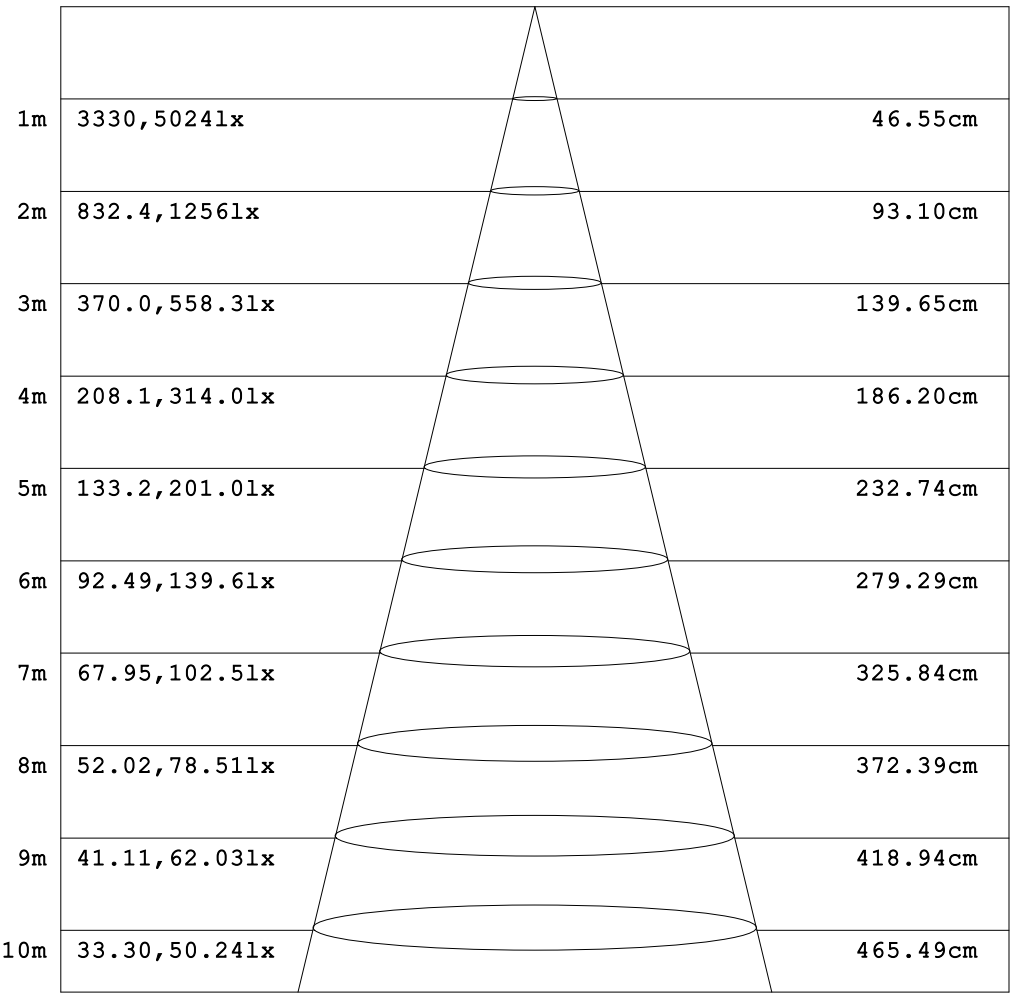
γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks:

Photometric Filename: HCP-10X2501-2700K RA90 24D WHITE

AAI Figure

Test:U:240.3V I:0.0783A P:18.3W PF:0.9710 Freq:49.99Hz UTHDi:0.27% ITHDi:10.72% KDisp:0.9803 Lamp Flux:1301.41x1 lm		
NAME: HCP-10X2501-2700K RA90 24D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 55mm	Shielding Angle:

Flux out:650.2 lm



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

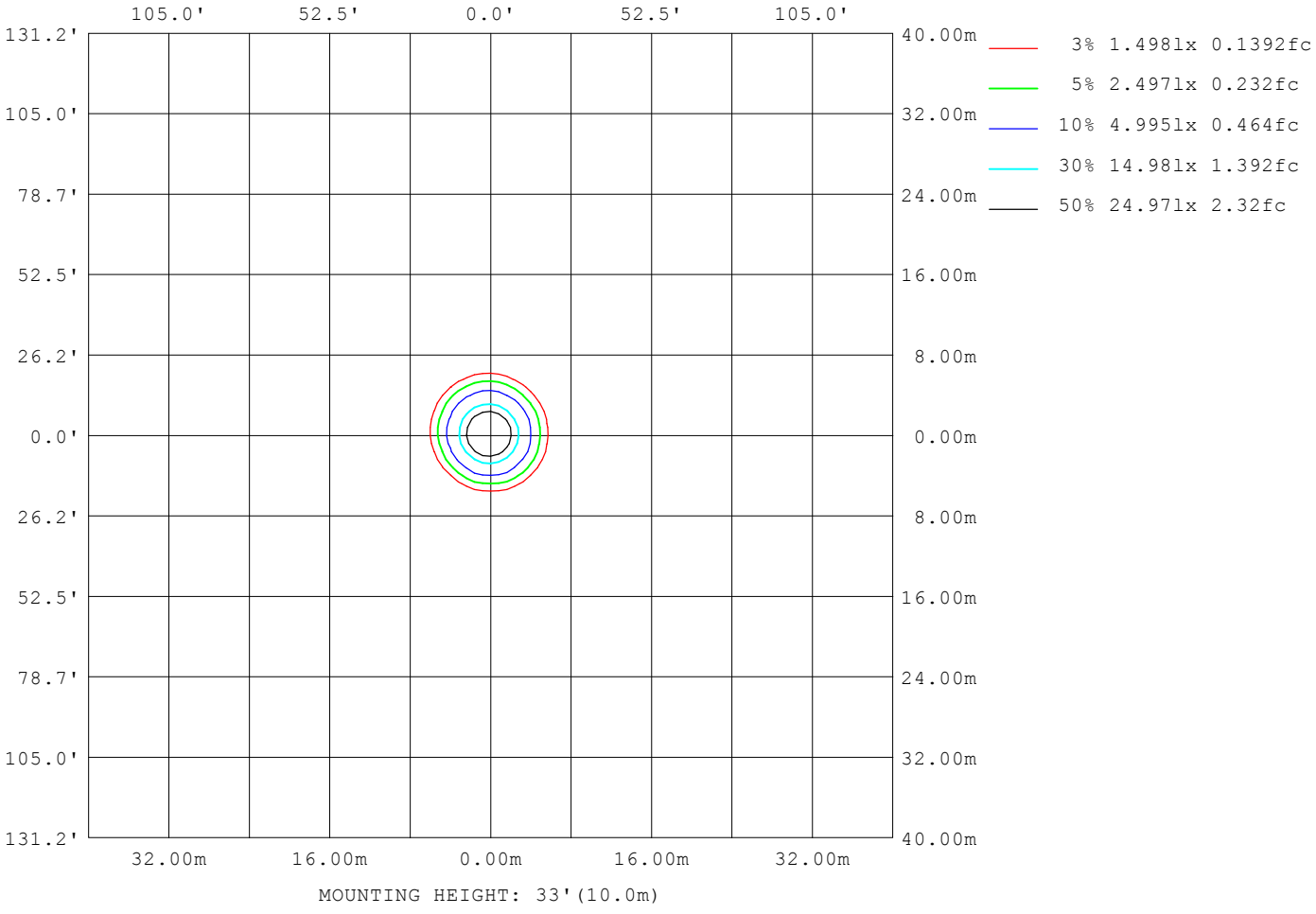
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-21

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-10X2501-2700K RA90 24D WHITE

ISOLUX DIAGRAM

Test:U:240.3V I:0.0783A P:18.3W PF:0.9710 Freq:49.99Hz UTHDi:0.27% ITHDi:10.72% KDisp:0.9803 Lamp Flux:1301.41x1 lm		
NAME: HCP-10X2501-2700K RA90 24D 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:2023-11-21

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:0.0783A P:18.3W PF:0.9710 Freq:49.99Hz UTHDi:0.27% ITHDi:10.72% KDisp:0.9803 Lamp Flux:1301.41x1 lm		
NAME: HCP-10X2501-2700K RA90 24D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 55mm	Shielding Angle:

AvgL	cd/m2
L_0~180(65)av	9710
L_0~180(75)av	8140
L_0~180(85)av	6139
L_90~270(65)av	9845
L_90~270(75)av	8083
L_90~270(85)av	5901
L_45(65)av	9741
L_45(75)av	8099
L_45(85)av	5911

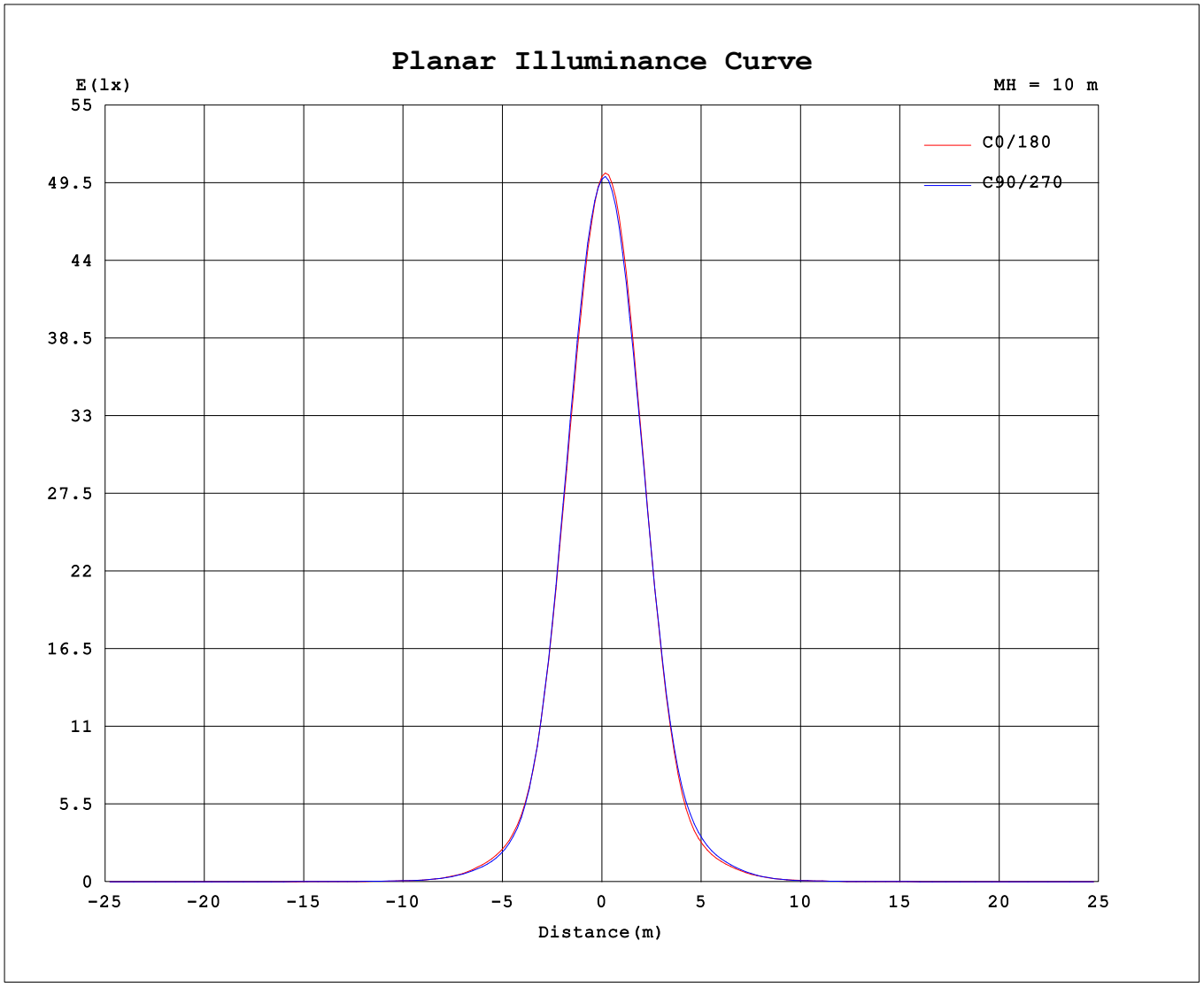
Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-21

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-10X2501-2700K RA90 24D WHITE

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-21

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-10X2501-2700K RA90 24D WHITE

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:240.3V I:0.0783A P:18.3W PF:0.9710 Freq:49.99Hz UTHDi:0.27% ITHDi:10.72% KDisp:0.9803 Lamp Flux:1301.41x1 lm		
NAME: HCP-10X2501-2700K RA90 24D 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	4982	4982	4982	4982	4982	4982	4982	4982
5	4296	4269	4377	4578	4748	4782	4696	4479
10	3049	2984	3112	3413	3683	3796	3649	3323
15	1734	1700	1752	1995	2288	2461	2301	1971
20	808	788	799	894	1107	1262	1150	950
25	395	383	367	396	486	597	552	458
30	218	207	194	208	257	313	292	247
35	109	104	101	113	145	170	158	127
40	45.8	44.2	45.1	51.5	65.2	73.7	67.7	52.2
45	22.8	22.8	23.6	25.9	29.4	30.3	27.5	23.8
50	14.5	14.9	16.0	16.7	17.4	17.4	16.3	14.9
55	12.2	12.7	13.3	13.4	13.2	13.1	13.2	12.6
60	10.8	11.2	11.8	12.1	11.9	11.8	11.8	11.1
65	8.66	8.88	9.41	9.99	10.2	10.1	9.73	8.95
70	6.31	6.44	6.88	7.45	7.76	7.62	7.17	6.57
75	4.20	4.26	4.63	5.16	5.50	5.40	5.00	4.46
80	2.36	2.35	2.65	3.12	3.47	3.42	3.10	2.62
85	0.78	0.69	0.93	1.33	1.68	1.68	1.44	1.03
90	0.06	0.04	0.06	0.04	0.07	0.16	0.05	0.04

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-21

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-10X2501-2700K RA90 24D 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	4982	4982	4982	4982	4982	4982	4982	4982
3.0	4665	4644	4721	4848	4953	4980	4921	4782
6.0	4074	4036	4162	4397	4592	4636	4534	4287
9.0	3318	3259	3394	3682	3945	4039	3895	3584
12.0	2504	2447	2548	2841	3132	3279	3118	2777
15.0	1734	1700	1752	1995	2288	2461	2301	1971
18.0	1115	1091	1116	1266	1528	1686	1559	1286
21.0	691.4	672.1	677.2	749.1	932.5	1078	982.8	802.0
24.0	449.6	436.4	422.7	458.2	564.2	685.2	631.9	523.2
27.0	307.9	296.5	280.2	300.7	370.5	456.8	422.6	352.7
30.0	217.5	207.4	193.7	208.4	257.3	313.2	292.5	247.0
33.0	148.9	141.5	134.0	148.7	183.5	218.9	206.3	172.1
36.0	93.89	88.24	87.43	97.27	123.7	145.9	135.5	107.7
39.0	55.06	52.46	53.30	60.13	77.09	89.33	81.20	62.97
42.0	32.60	32.30	33.07	37.96	46.41	50.45	45.74	35.98
45.0	22.76	22.77	23.60	25.94	29.40	30.35	27.49	23.79
48.0	16.48	16.62	17.99	19.79	21.32	21.72	20.12	17.47
51.0	13.89	14.24	15.38	15.86	16.04	15.79	15.23	14.22
54.0	12.55	12.93	13.71	13.78	13.65	13.59	13.55	12.88
57.0	11.77	12.12	12.72	12.93	12.69	12.50	12.59	12.04
60.0	10.80	11.17	11.81	12.11	11.94	11.75	11.81	11.12
63.0	9.641	9.894	10.50	11.01	10.97	10.78	10.63	9.994
66.0	8.176	8.376	8.883	9.461	9.722	9.559	9.138	8.457
69.0	6.760	6.912	7.364	7.943	8.250	8.094	7.639	7.027
72.0	5.430	5.536	5.949	6.505	6.828	6.712	6.264	5.691
75.0	4.196	4.259	4.628	5.164	5.495	5.403	4.996	4.458
78.0	3.062	3.081	3.409	3.908	4.254	4.190	3.827	3.324
81.0	2.021	1.997	2.287	2.744	3.094	3.056	2.748	2.278
84.0	1.076	1.005	1.254	1.674	2.023	2.015	1.749	1.332
87.0	0.1981	0.0893	0.2815	0.6778	1.022	1.043	0.8420	0.4606
90.0	0.0583	0.0446	0.0592	0.0393	0.0676	0.1585	0.0486	0.0409

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: