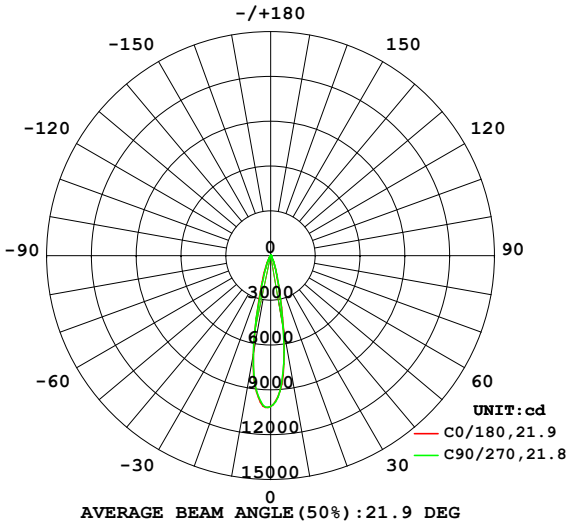
Photometric Filename: HCP-10X2501-5700K RA90 18D WHTIE

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:240.2V I:0.1026A P:24.2W PF:0.9811 Freq:49.99Hz UTHDi:0.46% ITHDi:8.33% KDisp:0.9878 Lamp Flux:1927.95x1 lm		
NAME: HCP-10X2501-5700K RA90 18D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 55mm	Shielding Angle:

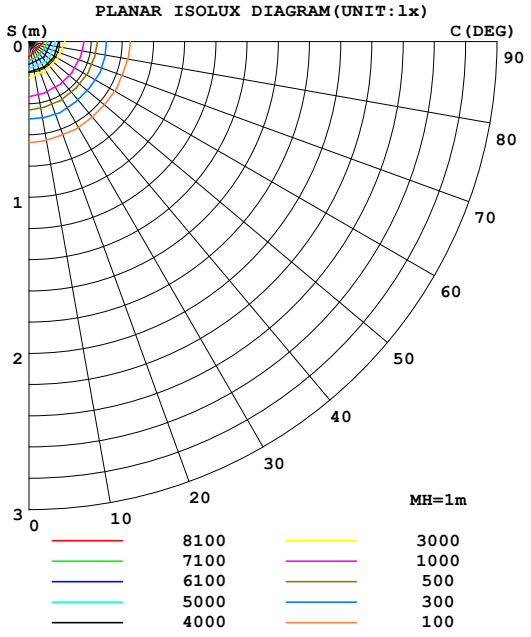
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 79.75 lm/W	
MODEL		Imax(cd)	10249	S/MH(C0/180)	0.39
NOMINAL POWER(W)	25	LOR(%)	100.0	S/MH(C90/270)	0.38
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	1928.0	η UP,DN(C0-180)	0.0,45.2
NOMINAL FLUX(lm)	1927.95	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,54.8
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	240.21	η down(%)	100.0	CIBSE SHR MAX	0.30

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):21.9 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:

Photometric Filename: HCP-10X2501-5700K RA90 18D WHTIE

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	500.4	462.9	488.8	579.2	674.4	706.1	674.8	585.4	0- 10	760.8	760.8	39.5,39.5
20	100.7	95.33	101.9	129.3	138.4	131.3	120.5	113.9	10- 20	746.6	1507	78.2,78.2
30	24.56	23.23	24.86	31.64	33.19	29.27	28.80	27.93	20- 30	279.5	1787	92.7,92.7
40	4.201	3.890	4.322	5.730	6.641	6.328	5.914	5.106	30- 40	86.67	1874	97.2,97.2
50	1.745	1.663	1.668	1.923	2.144	2.189	2.081	1.835	40- 50	23.59	1897	98.4,98.4
60	1.207	1.149	1.158	1.264	1.378	1.396	1.355	1.279	50- 60	13.47	1911	99.1,99.1
70	0.6836	0.6336	0.6644	0.7643	0.8657	0.8983	0.8664	0.7751	60- 70	10.22	1921	99.6,99.6
80	0.2574	0.2265	0.2485	0.3091	0.3763	0.3938	0.3758	0.3119	70- 80	5.581	1926	99.9,99.9
90	0.0085	0.0064	0.0091	0.0052	0.0061	0.0197	0.0075	0.0053	80- 90	1.515	1928	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:X10cd									UNIT:lm		

Conical surface Flux(90deg): 1887.6 lm

%lum = 97.9%
%lamp = 97.9%

Conical surface Flux(120deg): 1910.6 lm

%lum = 99.1%
%lamp = 99.1%

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:

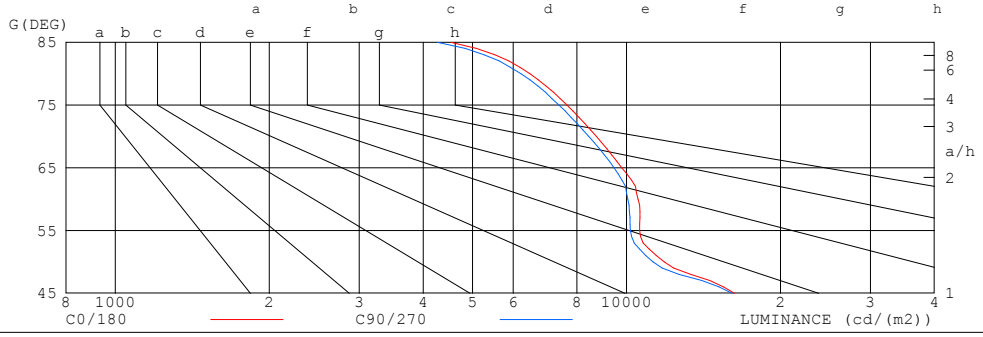
Photometric Filename: HCP-10X2501-5700K RA90 18D WHTIE

LUMINANCE LIMITATION CURVES

Test:U:240.2V I:0.1026A P:24.2W PF:0.9811 Freq:49.99Hz **UTHDi:0.46% ITHDi:8.33% KDisp:0.9878 Lamp Flux:1927.95x1 lm**		
NAME: HCP-10X2501-5700K RA90 18D 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	4531	4263
80	6472	6212
75	7650	7373
70	8725	8433
65	9778	9456
60	10535	10053
55	10613	10170
50	11851	11266
45	16247	16085

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 18D WHTIE

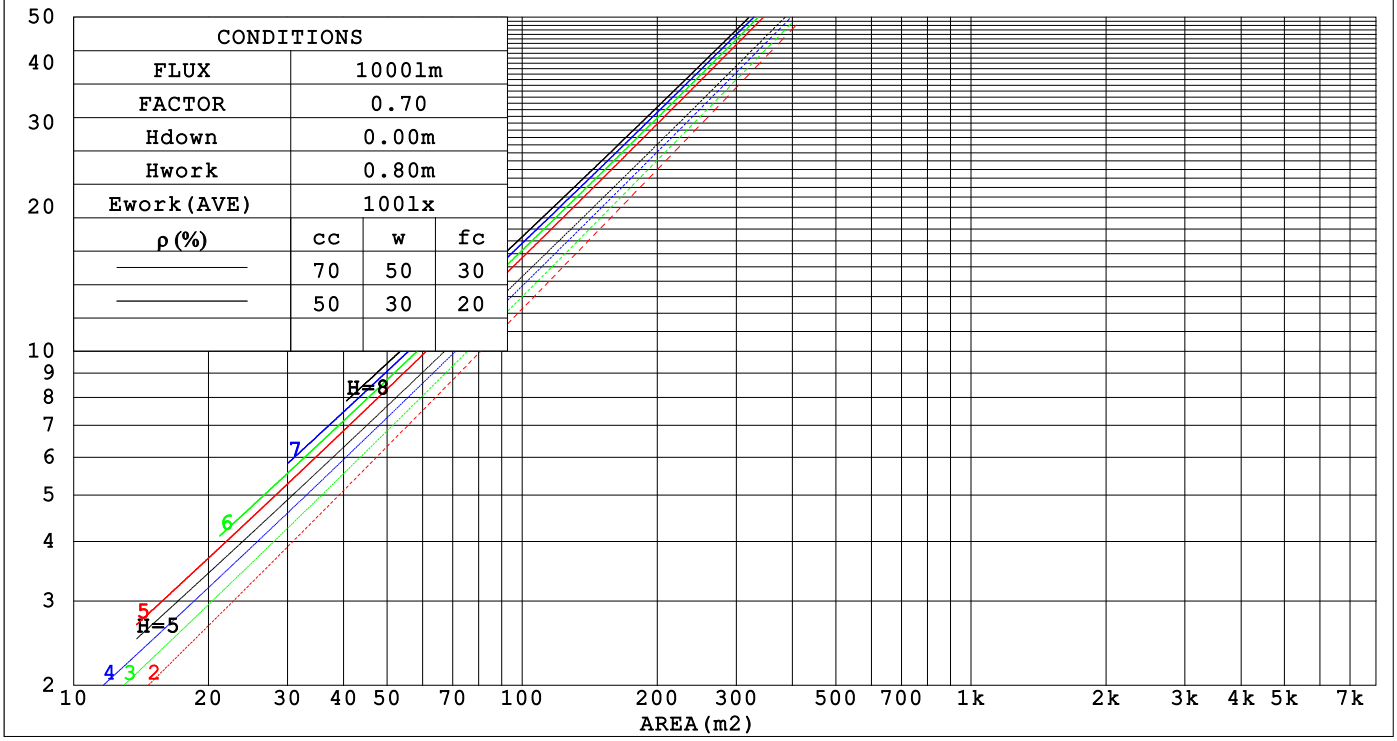
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:240.2V I:0.1026A P:24.2W PF:0.9811 Freq:49.99Hz UTHDi:0.46% ITHDi:8.33% KDisp:0.9878 Lamp Flux:1927.95x1 lm		
NAME: HCP-10X2501-5700K RA90 18D 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	1.13	1.11	1.09	1.11	1.09	1.07	1.07	1.05	1.04	1.03	1.02	1.01	.00	.99	.98	.96
2.0	1.07	1.04	1.02	1.06	1.03	1.01	1.03	1.00	.99	.00	.98	.96	.97	.96	.94	.93
3.0	1.03	.99	.96	1.01	.98	.95	.99	.96	.94	.97	.94	.93	.95	.93	.91	.90
4.0	.99	.95	.92	.98	.94	.91	.96	.93	.90	.94	.91	.89	.92	.90	.88	.87
5.0	.95	.91	.88	.94	.90	.88	.93	.89	.87	.91	.88	.86	.90	.87	.85	.84
6.0	.92	.88	.85	.91	.87	.84	.90	.87	.84	.89	.86	.83	.88	.85	.83	.82
7.0	.89	.85	.82	.88	.85	.82	.87	.84	.81	.86	.83	.81	.85	.83	.81	.80
8.0	.86	.82	.79	.86	.82	.79	.85	.82	.79	.84	.81	.79	.83	.81	.78	.77
9.0	.84	.80	.77	.84	.80	.77	.83	.79	.77	.82	.79	.77	.81	.79	.76	.75
10.0	.82	.78	.75	.81	.78	.75	.81	.77	.75	.80	.77	.75	.79	.77	.75	.74

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-10X2501-5700K RA90 18D WHTIE

WEC AND CCEC

Test:U:240.2V I:0.1026A P:24.2W PF:0.9811 Freq:49.99Hz UTHDi:0.46% ITHDi:8.33% KDisp:0.9878 Lamp Flux:1927.95x1 lm		
NAME: HCP-10X2501-5700K RA90 18D 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	.139	.079	.025	.133	.076	.024	.120	.069	.022	.109	.063	.020	.099	.057	.018	
2.0	.129	.071	.022	.124	.068	.021	.113	.063	.020	.104	.058	.018	.095	.054	.017	
3.0	.120	.064	.019	.115	.062	.019	.107	.058	.018	.099	.054	.017	.092	.051	.016	
4.0	.112	.058	.017	.108	.057	.017	.101	.054	.016	.094	.051	.015	.088	.048	.015	
5.0	.105	.054	.016	.102	.052	.015	.096	.050	.015	.090	.048	.014	.085	.045	.014	
6.0	.099	.050	.014	.097	.049	.014	.091	.047	.014	.086	.045	.013	.082	.043	.013	
7.0	.094	.047	.013	.092	.046	.013	.087	.044	.013	.083	.042	.012	.079	.041	.012	
8.0	.090	.044	.012	.087	.043	.012	.083	.042	.012	.080	.040	.012	.076	.039	.011	
9.0	.085	.041	.012	.083	.041	.011	.080	.040	.011	.077	.038	.011	.073	.037	.011	
10.0	.082	.039	.011	.080	.039	.011	.077	.038	.011	.074	.037	.010	.071	.036	.010	

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	.148	.144	.135	.127	.099	.093	.088	.057	.054	.051	.018	.017	.017	
2.0	.151	.133	.118	.129	.114	.102	.088	.079	.071	.051	.046	.042	.016	.015	.014	
3.0	.136	.113	.096	.116	.098	.083	.080	.068	.058	.046	.040	.034	.015	.013	.011	
4.0	.123	.098	.079	.106	.085	.068	.073	.059	.048	.042	.035	.028	.014	.011	.009	
5.0	.113	.086	.066	.097	.074	.057	.067	.052	.040	.039	.030	.024	.012	.010	.008	
6.0	.104	.076	.056	.089	.065	.048	.061	.046	.034	.036	.027	.020	.011	.009	.007	
7.0	.096	.067	.047	.082	.058	.041	.057	.041	.029	.033	.024	.017	.011	.008	.006	
8.0	.089	.061	.041	.077	.053	.036	.053	.037	.025	.031	.022	.015	.010	.007	.005	
9.0	.084	.055	.036	.072	.048	.031	.050	.034	.022	.029	.020	.013	.009	.007	.004	
10.0	.079	.050	.031	.068	.044	.027	.047	.031	.019	.027	.018	.012	.009	.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-10X2501-5700K RA90 18D WHTIE

UGR(Unified Glare Rating) Table

Test:U:240.2V I:0.1026A P:24.2W PF:0.9811 Freq:49.99Hz UTHDi:0.46% ITHDi:8.33% KDisp:0.9878 Lamp Flux:1927.95x1 lm		
NAME: HCP-10X2501-5700K RA90 18D 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	13.3	14.0	13.5	14.1	14.3	13.3	13.9	13.5	14.1	14.2
3H	13.9	14.5	14.1	14.6	14.8	13.8	14.4	14.0	14.6	14.8
4H	14.1	14.7	14.3	14.9	15.1	14.0	14.6	14.3	14.8	15.0
6H	14.2	14.8	14.5	15.0	15.2	14.1	14.7	14.4	14.9	15.2
8H	14.3	14.8	14.6	15.0	15.3	14.2	14.7	14.5	14.9	15.2
12H	14.3	14.8	14.6	15.0	15.3	14.2	14.7	14.5	14.9	15.2
4H 2H	13.4	14.0	13.7	14.2	14.4	13.4	14.0	13.7	14.2	14.4
3H	14.1	14.6	14.4	14.9	15.2	14.1	14.6	14.4	14.8	15.1
4H	14.4	14.9	14.8	15.2	15.5	14.4	14.8	14.7	15.1	15.4
6H	14.7	15.1	15.0	15.4	15.8	14.6	15.0	15.0	15.3	15.7
8H	14.7	15.1	15.1	15.5	15.8	14.6	15.0	15.0	15.4	15.7
12H	14.7	15.1	15.2	15.5	15.9	14.7	15.0	15.1	15.4	15.8
8H 4H	14.5	14.9	14.9	15.2	15.6	14.4	14.8	14.8	15.2	15.5
6H	14.8	15.1	15.2	15.5	15.9	14.7	15.0	15.1	15.4	15.8
8H	14.9	15.2	15.3	15.6	16.0	14.8	15.1	15.2	15.5	15.9
12H	14.9	15.2	15.4	15.6	16.1	14.8	15.1	15.3	15.5	16.0
12H 4H	14.5	14.8	14.9	15.2	15.6	14.4	14.7	14.8	15.1	15.5
6H	14.8	15.1	15.2	15.5	15.9	14.7	15.0	15.1	15.4	15.8
8H	14.9	15.1	15.3	15.6	16.0	14.8	15.0	15.3	15.5	15.9
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 1.3 / - 0.9					+ 1.5 / - 1.0				
1.5H	+ 2.6 / - 0.8					+ 2.8 / - 1.0				
2.0H	+ 0.9 / - 0.5					+ 0.9 / - 0.5				

CIE Pub.117, 1928 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 2.3)
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 18D WHTIE

UTILIZATION FACTORS TABLE

Test:U:240.2V I:0.1026A P:24.2W PF:0.9811 Freq:49.99Hz UTHDi:0.46% ITHDi:8.33% KDisp:0.9878 Lamp Flux:1927.95x1 lm		
NAME: HCP-10X2501-5700K RA90 18D 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	90	84	80	89	84	80	89	83	80	77
0.80	97	91	88	96	91	88	95	91	88	84
1.00	101	96	92	100	95	92	98	95	91	88
1.25	104	100	96	103	99	96	102	98	95	91
1.50	107	103	99	106	102	99	104	100	98	94
2.00	109	105	102	108	104	102	105	102	100	95
2.50	111	107	104	109	106	104	106	104	102	96
3.00	112	109	107	111	108	105	107	105	103	97
4.00	114	112	110	112	110	108	109	107	105	99
5.00	115	113	112	113	112	110	109	108	107	100
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended					SHRNOM = 1.25	

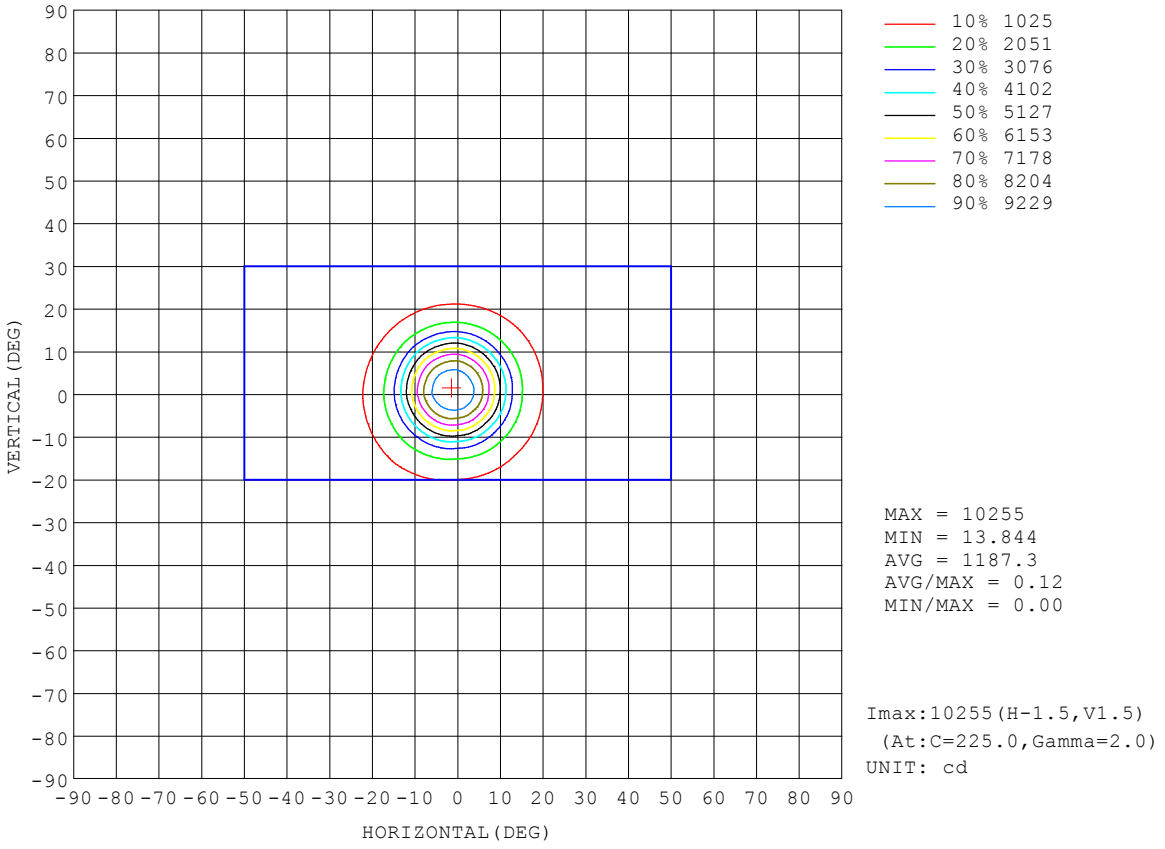
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-20

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 18D WHTIE

ISOCANDELA DIAGRAM

Test:U:240.2V I:0.1026A P:24.2W PF:0.9811 Freq:49.99Hz UTHDi:0.46% ITHDi:8.33% KDisp:0.9878 Lamp Flux:1927.95x1 lm		
NAME: HCP-10X2501-5700K RA90 18D 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

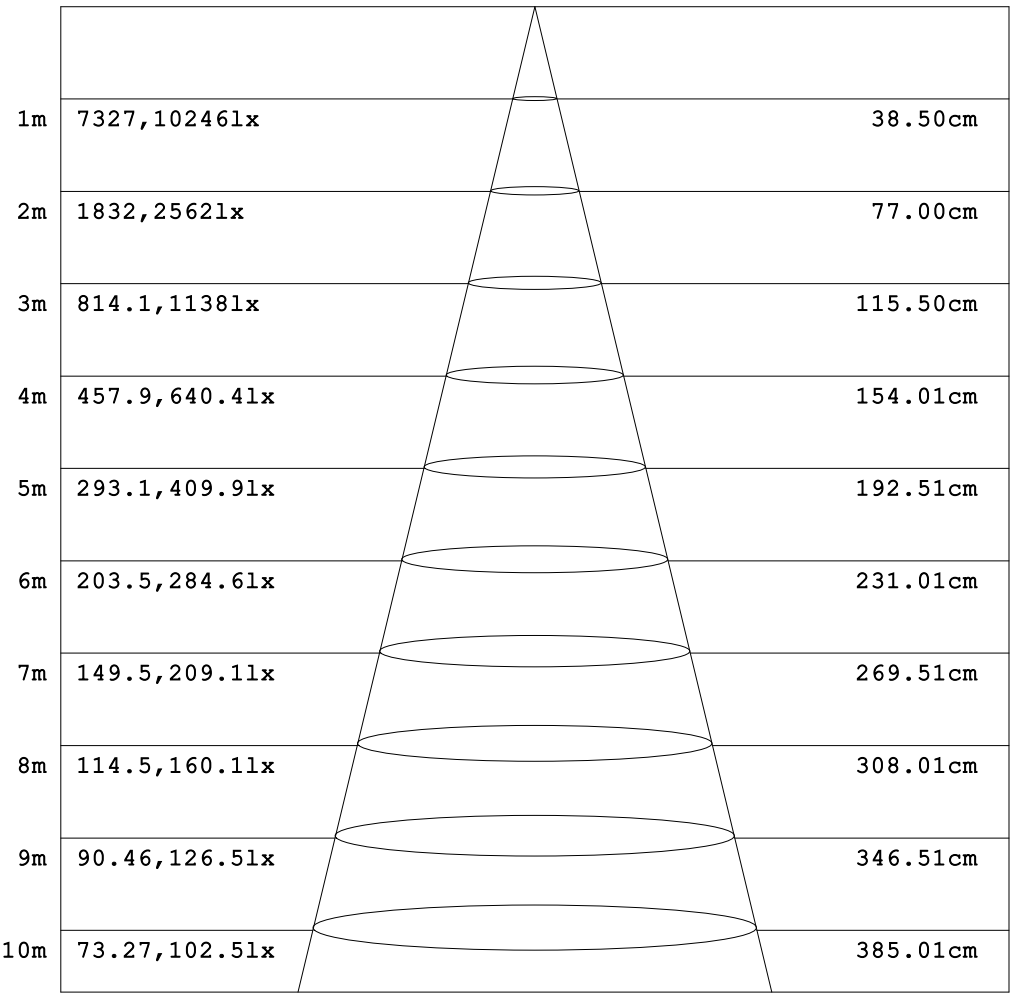
γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks:

Photometric Filename: HCP-10X2501-5700K RA90 18D WHTIE

AAI Figure

Test:U:240.2V I:0.1026A P:24.2W PF:0.9811 Freq:49.99Hz UTHDi:0.46% ITHDi:8.33% KDisp:0.9878 Lamp Flux:1927.95x1 lm		
NAME: HCP-10X2501-5700K RA90 18D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 55mm	Shielding Angle:

Flux out:869.7 lm



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

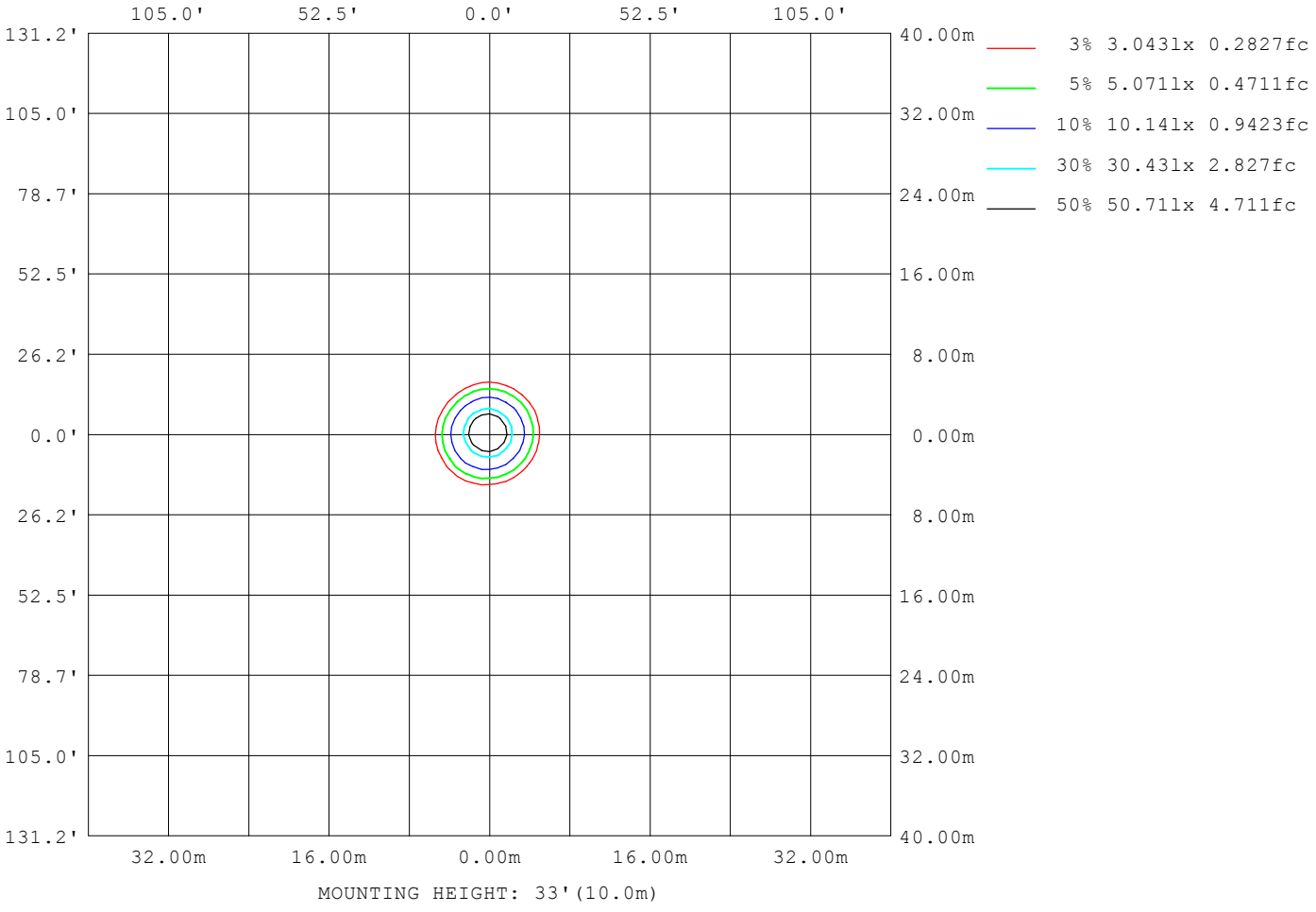
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-20

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-10X2501-5700K RA90 18D WHTIE

ISOLUX DIAGRAM

Test:U:240.2V I:0.1026A P:24.2W PF:0.9811 Freq:49.99Hz UTHDi:0.46% ITHDi:8.33% KDisp:0.9878 Lamp Flux:1927.95x1 lm		
NAME: HCP-10X2501-5700K RA90 18D 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:240.2V I:0.1026A P:24.2W PF:0.9811 Freq:49.99Hz UTHDi:0.46% ITHDi:8.33% KDisp:0.9878 Lamp Flux:1927.95x1 lm		
NAME: HCP-10X2501-5700K RA90 18D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 55mm	Shielding Angle:

AvgL	cd/m2
L_0~180(65)av	10825
L_0~180(75)av	8873
L_0~180(85)av	6750
L_90~270(65)av	10634
L_90~270(75)av	8758
L_90~270(85)av	6591
L_45(65)av	10693
L_45(75)av	8770
L_45(85)av	6463

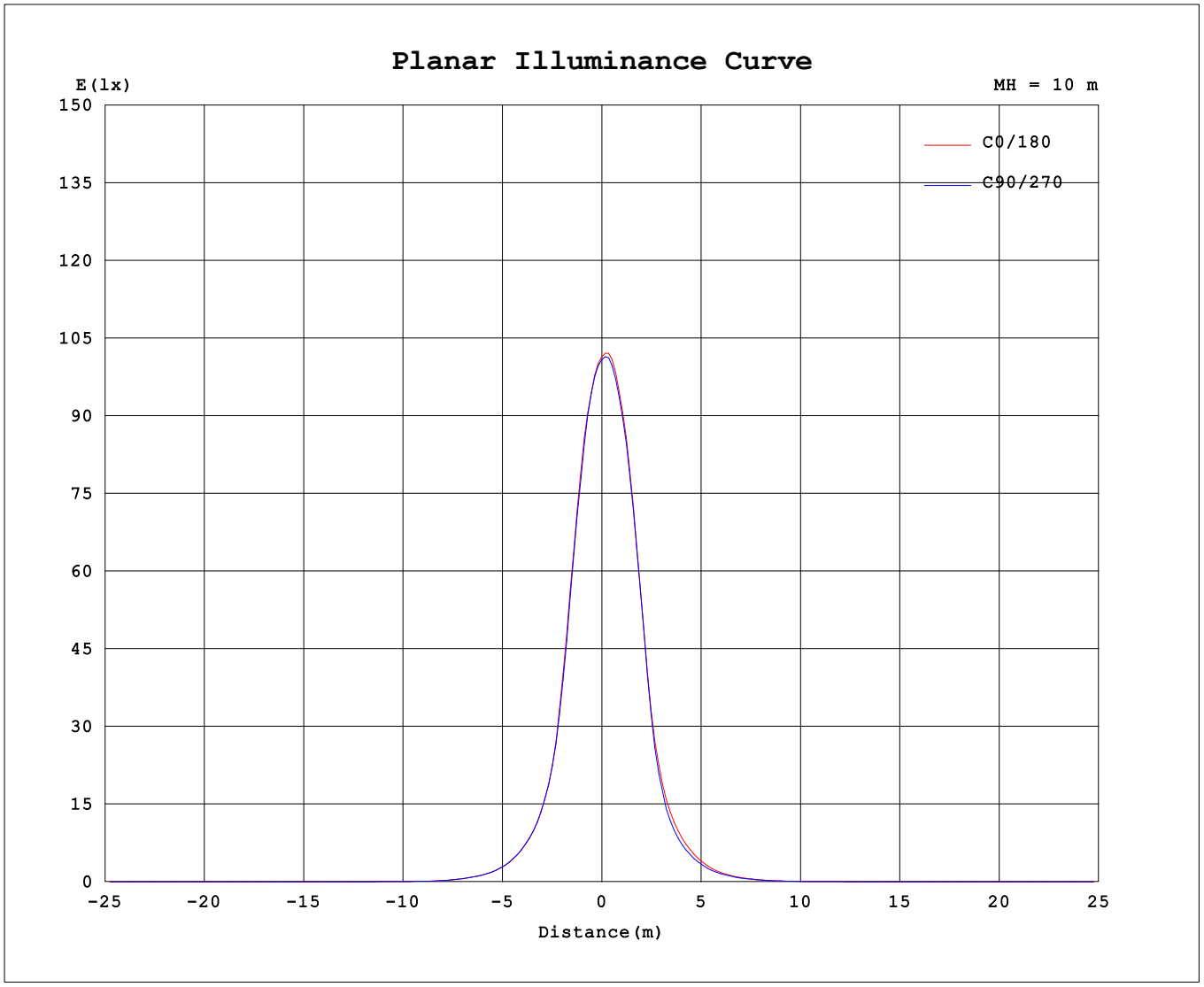
Standard: GB/T 29293-2012

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:

Photometric Filename: HCP-10X2501-5700K RA90 18D WHTIE

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 18D WHTIE

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:240.2V I:0.1026A P:24.2W PF:0.9811 Freq:49.99Hz UTHDi:0.46% ITHDi:8.33% KDisp:0.9878 Lamp Flux:1927.95x1 lm		
NAME: HCP-10X2501-5700K RA90 18D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 55mm	Shielding Angle:

Table--1 UNIT: X10cd

γ (DEG) \ C(DEG)	0	45	90	135	180	225	270	315
0	1010	1010	1010	1010	1010	1010	1010	1010
5	864	837	857	909	954	972	948	903
10	500	463	489	579	674	706	675	585
15	208	200	209	254	299	318	287	241
20	101	95.3	102	129	138	131	121	114
25	51.1	47.6	51.2	67.0	71.0	63.1	60.2	58.3
30	24.6	23.2	24.9	31.6	33.2	29.3	28.8	27.9
35	11.3	10.2	11.6	14.9	15.5	13.9	13.9	13.3
40	4.20	3.89	4.32	5.73	6.64	6.33	5.91	5.11
45	2.63	2.53	2.62	3.08	3.26	3.18	3.02	2.83
50	1.74	1.66	1.67	1.92	2.14	2.19	2.08	1.83
55	1.39	1.34	1.34	1.44	1.57	1.59	1.56	1.46
60	1.21	1.15	1.16	1.26	1.38	1.40	1.36	1.28
65	0.95	0.89	0.92	1.03	1.16	1.19	1.15	1.05
70	0.68	0.63	0.66	0.76	0.87	0.90	0.87	0.78
75	0.45	0.41	0.44	0.52	0.60	0.63	0.60	0.53
80	0.26	0.23	0.25	0.31	0.38	0.39	0.38	0.31
85	0.09	0.07	0.09	0.13	0.18	0.19	0.18	0.13
90	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.01

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 18D WHTIE

Photometric Data Table [cd]

G/C	0.0	45.0	90.0	135.0	180.0	225.0	270.0	315.0
0.0	10101	10101	10101	10101	10101	10101	10101	10101
3.0	9457	9389	9499	9735	10087	10163	10027	9756
6.0	8040	7742	7932	8629	9193	9381	9135	8614
9.0	5816	5398	5707	6557	7490	7764	7471	6649
12.0	3533	3265	3444	4198	5122	5470	5121	4198
15.0	2076	2003	2088	2542	2995	3181	2870	2409
18.0	1332	1258	1344	1676	1844	1818	1649	1508
21.0	889.8	833.7	899.4	1135	1208	1125	1044	994.2
24.0	588.6	552.5	590.5	769.5	810.6	726.3	691.0	667.8
27.0	379.3	351.7	381.3	499.4	528.5	470.7	451.2	434.9
30.0	245.6	232.3	248.6	316.4	331.9	292.7	288.0	279.3
33.0	159.3	146.0	161.2	202.5	212.4	186.8	187.2	182.4
36.0	95.18	84.22	96.76	126.6	132.7	120.0	119.0	112.2
39.0	50.33	45.37	51.88	70.60	80.87	75.72	71.91	62.88
42.0	32.88	31.44	33.59	41.59	46.43	44.73	41.57	37.19
45.0	26.32	25.30	26.20	30.77	32.60	31.83	30.19	28.32
48.0	20.49	19.51	19.53	23.69	25.86	25.64	24.53	22.54
51.0	16.49	15.72	15.81	17.53	19.91	19.91	19.33	17.32
54.0	14.34	13.79	13.86	14.90	16.49	16.73	16.34	15.08
57.0	13.25	12.75	12.74	13.68	14.78	14.96	14.64	13.85
60.0	12.07	11.49	11.58	12.64	13.78	13.96	13.55	12.79
63.0	10.64	9.994	10.25	11.40	12.52	12.77	12.34	11.50
66.0	8.917	8.356	8.678	9.777	10.94	11.31	10.90	9.916
69.0	7.337	6.820	7.136	8.165	9.221	9.562	9.216	8.285
72.0	5.871	5.411	5.702	6.629	7.564	7.860	7.572	6.718
75.0	4.535	4.135	4.396	5.206	6.028	6.274	6.031	5.268
78.0	3.316	2.982	3.215	3.902	4.626	4.835	4.625	3.938
81.0	2.217	1.931	2.136	2.709	3.345	3.515	3.336	2.725
84.0	1.217	0.9785	1.164	1.627	2.174	2.313	2.157	1.620
87.0	0.2916	0.1037	0.2549	0.6214	1.076	1.219	1.075	0.6160
90.0	0.0854	0.0638	0.0907	0.0523	0.0614	0.1966	0.0753	0.0526

C Range: 0 - 360DEG
C Interval: 45.0DEG
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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%
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