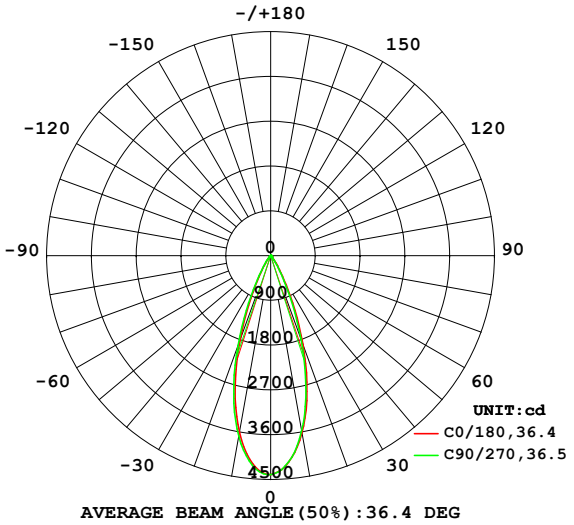
Photometric Filename: HCP-10X2501-4000K RA90 36D WHITE

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:240.3V I:0.1039A P:24.5W PF:0.9806 Freq:49.99Hz UTHDi:0.32% ITHDi:7.93% KDisp:0.9874 Lamp Flux:1825.23x1 lm		
NAME: HCP-10X2501-4000K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 55mm	Shielding Angle:

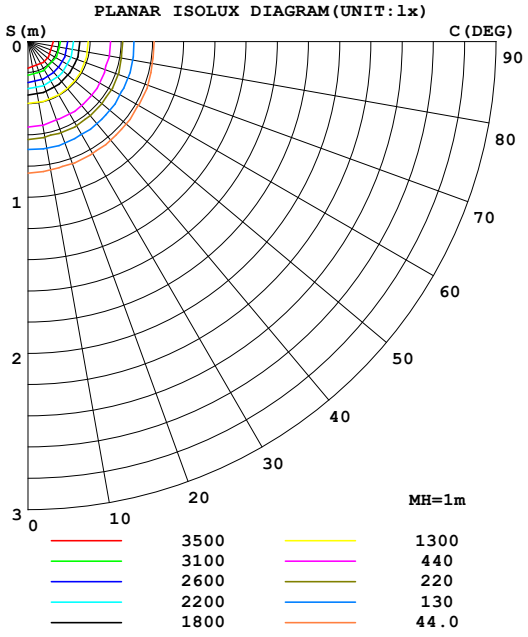
DATA OF LAMP		PHOTOMETRIC DATA Eff: 74.53 lm/W			
MODEL		Imax(cd)	4401	S/MH(C0/180)	0.58
NOMINAL POWER(W)	25	LOR(%)	100.0	S/MH(C90/270)	0.60
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	1825.2	η UP,DN(C0-180)	0.0,49.4
NOMINAL FLUX(lm)	1825.23	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,50.6
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	240.22	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	3628	3615	3588	3574	3611	3677	3691	3667	0- 10	381.9	381.9	20.9,20.9
20	1902	1862	1788	1751	1801	1850	1929	1952	10- 20	762.2	1144	62.7,62.7
30	480.1	456.1	424.4	422.0	421.6	436.6	463.2	490.8	20- 30	467.2	1611	88.3,88.3
40	95.90	83.61	73.11	70.61	73.82	78.10	89.64	96.66	30- 40	135.6	1747	95.7,95.7
50	27.18	25.42	23.86	23.77	24.65	25.91	27.52	27.62	40- 50	33.94	1781	97.6,97.6
60	18.51	18.12	17.43	16.92	17.35	18.47	19.48	19.17	50- 60	18.86	1800	98.6,98.6
70	11.95	11.24	10.55	10.37	10.77	11.55	12.42	12.44	60- 70	14.86	1815	99.4,99.4
80	5.157	4.679	4.273	4.188	4.446	4.858	5.374	5.420	70- 80	8.433	1823	99.9,99.9
90	0.0764	0.0606	0.0866	0.0658	0.0668	0.0603	0.0644	0.0552	80- 90	2.279	1825	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): 1767.7 lm

%lum = 96.8%
%lamp = 96.8%

Conical surface Flux(120deg): 1799.7 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:

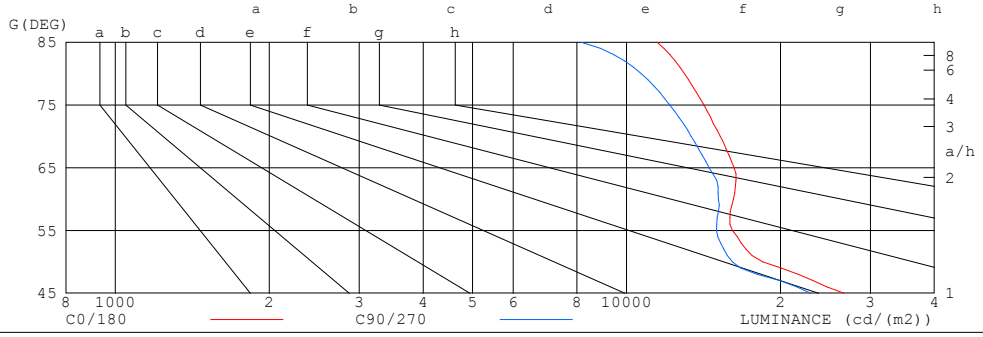
Photometric Filename: HCP-10X2501-4000K RA90 36D WHITE

LUMINANCE LIMITATION CURVES

Test:U:240.3V I:0.1039A P:24.5W PF:0.9806 Freq:49.99Hz **UTHDi:0.32% ITHDi:7.93% KDisp:0.9874 Lamp Flux:1825.23x1 lm**		
NAME: HCP-10X2501-4000K 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	11483	8156
80	12978	10678
75	14176	12155
70	15263	13381
65	16234	14513
60	16179	15127
55	16113	14990
50	18474	16105
45	26664	22921

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-10X2501-4000K RA90 36D WHITE

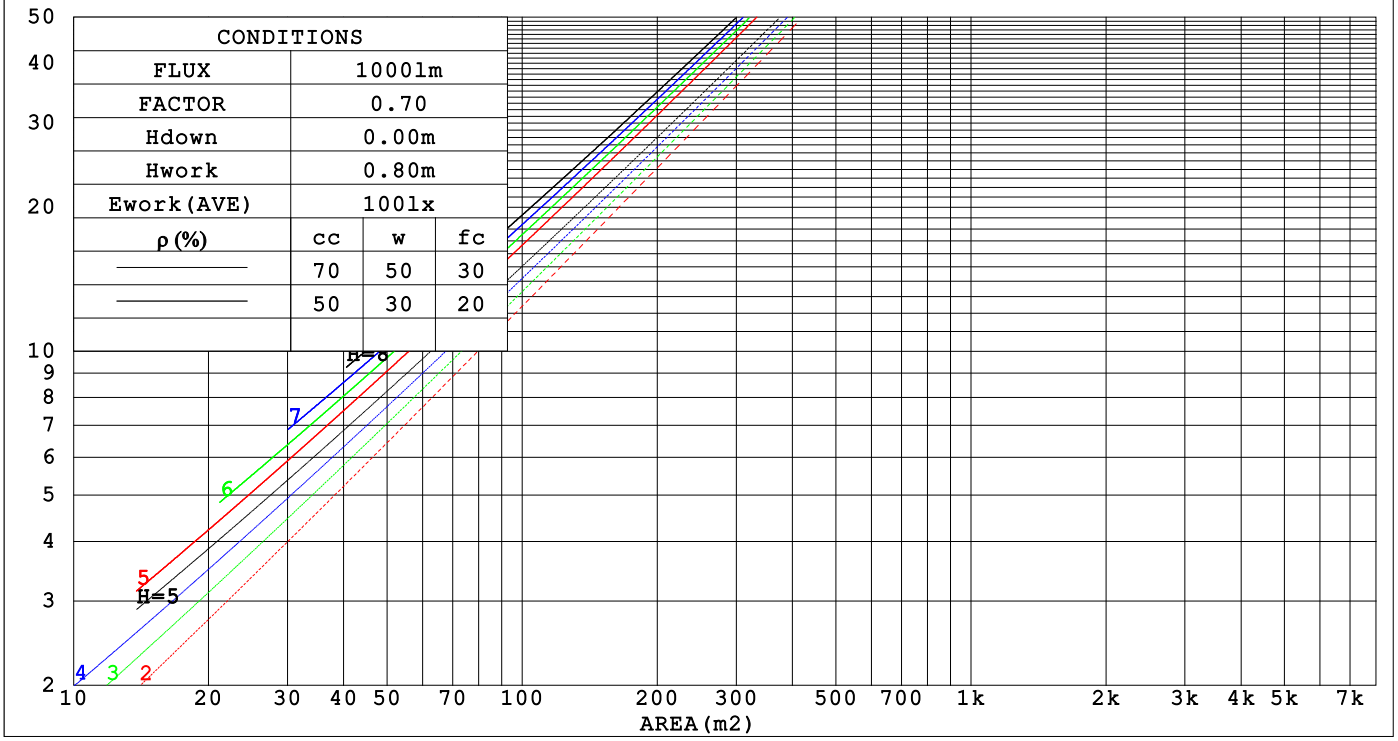
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:240.3V I:0.1039A P:24.5W PF:0.9806 Freq:49.99Hz UTHDi:0.32% ITHDi:7.93% KDisp:0.9874 Lamp Flux:1825.23x1 lm		
NAME: HCP-10X2501-4000K 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	.97	.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:

Photometric Filename: HCP-10X2501-4000K RA90 36D WHITE

WEC AND CCEC

Test:U:240.3V I:0.1039A P:24.5W PF:0.9806 Freq:49.99Hz UTHDi:0.32% ITHDi:7.93% KDisp:0.9874 Lamp Flux:1825.23x1 lm		
NAME: HCP-10X2501-4000K 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	.136	.073	.022	.127	.069	.021	.119	.065	.020	.111	.062	.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	.104	.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	.097	.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	.092	.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-10X2501-4000K RA90 36D WHITE

UGR(Unified Glare Rating) Table

Test:U:240.3V I:0.1039A P:24.5W PF:0.9806 Freq:49.99Hz UTHDi:0.32% ITHDi:7.93% KDisp:0.9874 Lamp Flux:1825.23x1 lm		
NAME: HCP-10X2501-4000K 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	17.5	18.3	17.7	18.5	18.6	17.0	17.8	17.2	17.9	18.1
3H	18.0	18.8	18.3	18.9	19.1	17.5	18.2	17.7	18.4	18.6
4H	18.3	19.0	18.5	19.2	19.4	17.7	18.4	18.0	18.6	18.8
6H	18.5	19.1	18.7	19.3	19.6	17.8	18.5	18.1	18.7	19.0
8H	18.5	19.1	18.8	19.4	19.7	17.9	18.5	18.2	18.8	19.0
12H	18.5	19.2	18.9	19.4	19.7	17.9	18.5	18.2	18.8	19.0
4H 2H	17.6	18.3	17.9	18.5	18.7	17.1	17.8	17.4	18.0	18.2
3H	18.3	18.9	18.6	19.1	19.4	17.8	18.4	18.1	18.6	18.9
4H	18.6	19.2	18.9	19.4	19.8	18.1	18.6	18.4	18.9	19.2
6H	18.9	19.4	19.3	19.7	20.1	18.3	18.8	18.7	19.1	19.5
8H	19.0	19.5	19.4	19.8	20.2	18.4	18.9	18.8	19.2	19.6
12H	19.1	19.5	19.5	19.9	20.2	18.4	18.9	18.8	19.2	19.6
8H 4H	18.7	19.1	19.1	19.5	19.8	18.2	18.6	18.6	19.0	19.3
6H	19.1	19.4	19.5	19.8	20.2	18.5	18.9	18.9	19.3	19.7
8H	19.2	19.5	19.7	20.0	20.4	18.6	19.0	19.1	19.4	19.8
12H	19.3	19.6	19.8	20.1	20.5	18.7	19.0	19.2	19.5	19.9
12H 4H	18.6	19.1	19.0	19.4	19.8	18.2	18.6	18.6	18.9	19.3
6H	19.1	19.4	19.5	19.8	20.2	18.5	18.9	19.0	19.3	19.7
8H	19.2	19.5	19.7	20.0	20.4	18.7	19.0	19.2	19.4	19.9
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 1.5 / - 1.2					+ 1.3 / - 1.1				
1.5H	+ 3.1 / - 1.1					+ 2.6 / - 1.1				
2.0H	+ 0.8 / - 0.4					+ 0.6 / - 0.4				

CIE Pub.117, 1825 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 2.1)
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-10X2501-4000K RA90 36D WHITE

UTILIZATION FACTORS TABLE

Test:U:240.3V I:0.1039A P:24.5W PF:0.9806 Freq:49.99Hz UTHDi:0.32% ITHDi:7.93% KDisp:0.9874 Lamp Flux:1825.23x1 lm		
NAME: HCP-10X2501-4000K 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	90	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	

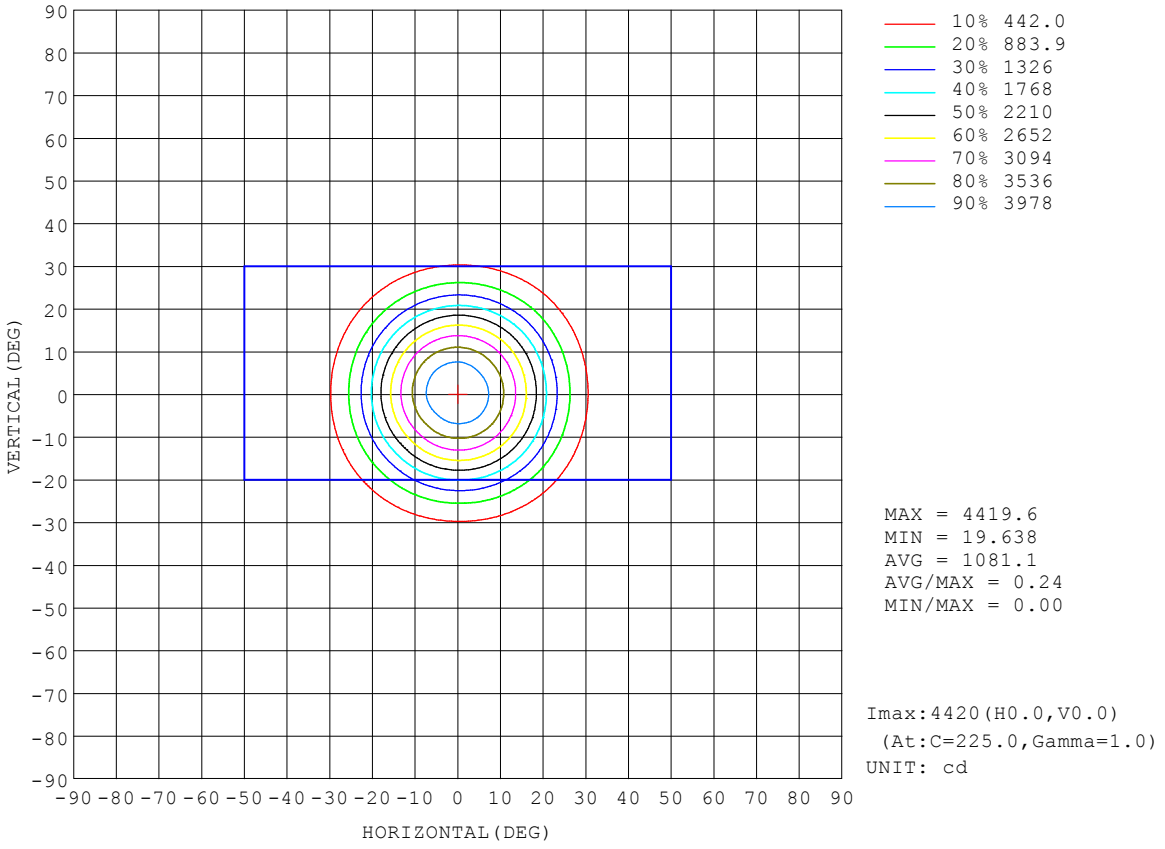
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-20

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-10X2501-4000K RA90 36D WHITE

ISOCANDELA DIAGRAM

Test:U:240.3V I:0.1039A P:24.5W PF:0.9806 Freq:49.99Hz UTHDi:0.32% ITHDi:7.93% KDisp:0.9874 Lamp Flux:1825.23x1 lm		
NAME: HCP-10X2501-4000K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 55mm	Shielding Angle:



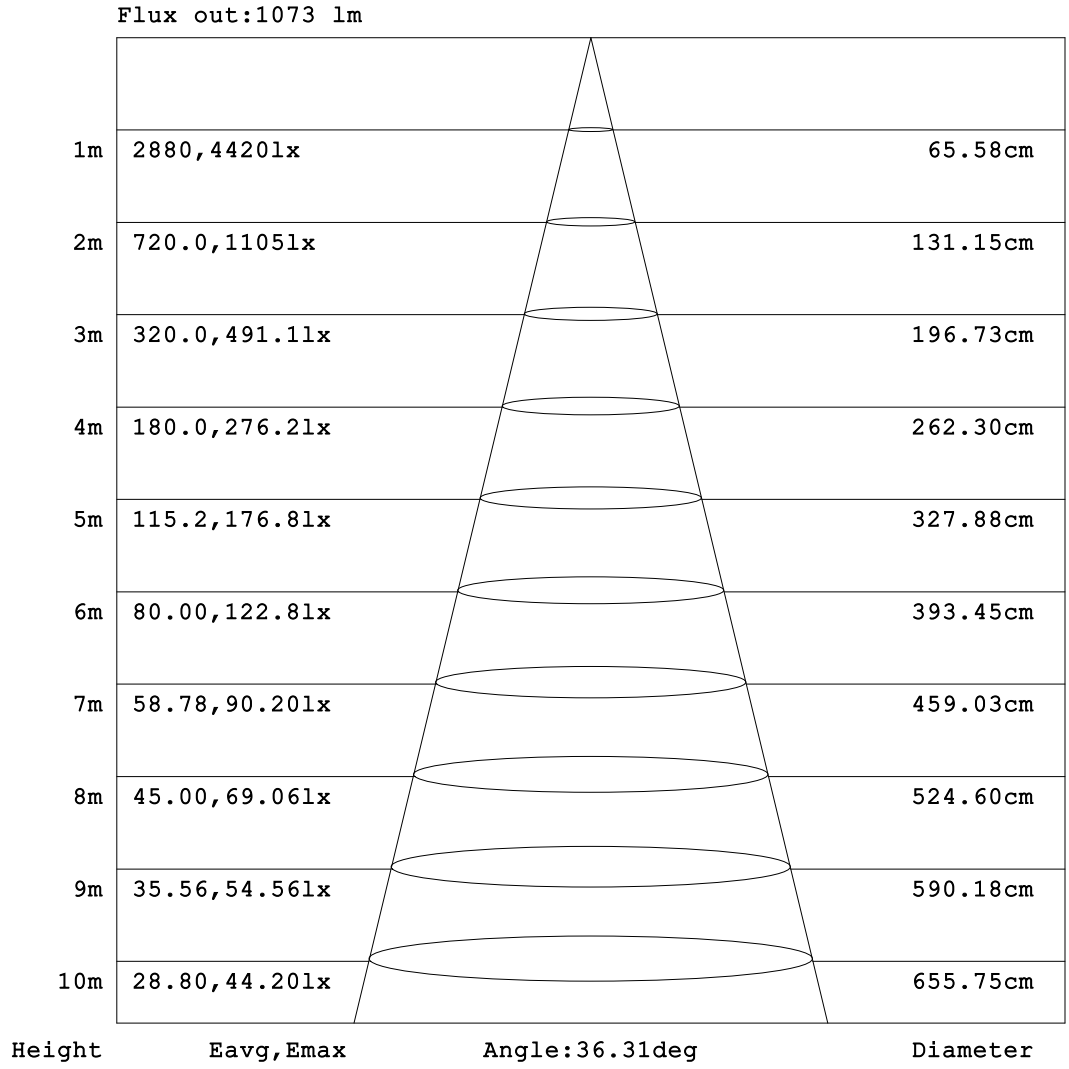
C Range: 0 - 360DEG
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Test Speed: HIGH
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Test Date:2023-11-20

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-10X2501-4000K RA90 36D WHITE

AAI Figure

Test:U:240.3V I:0.1039A P:24.5W PF:0.9806 Freq:49.99Hz UTHDi:0.32% ITHDi:7.93% KDisp:0.9874 Lamp Flux:1825.23x1 lm		
NAME: HCP-10X2501-4000K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 55mm	Shielding Angle:



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

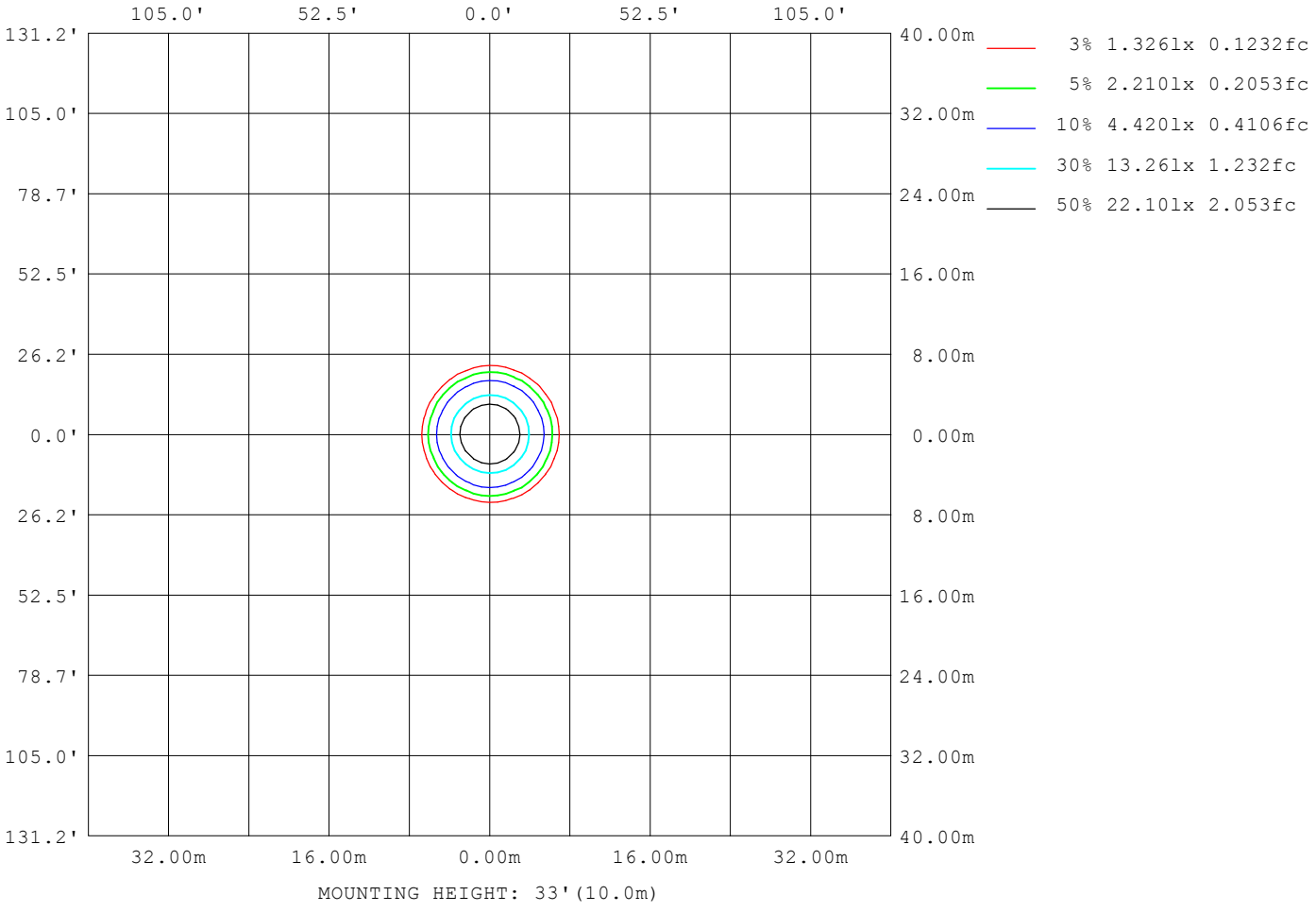
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-20

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-10X2501-4000K RA90 36D WHITE

ISOLUX DIAGRAM

Test:U:240.3V I:0.1039A P:24.5W PF:0.9806 Freq:49.99Hz UTHDi:0.32% ITHDi:7.93% KDisp:0.9874 Lamp Flux:1825.23x1 lm		
NAME: HCP-10X2501-4000K 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:0.1039A P:24.5W PF:0.9806 Freq:49.99Hz UTHDi:0.32% ITHDi:7.93% KDisp:0.9874 Lamp Flux:1825.23x1 lm		
NAME: HCP-10X2501-4000K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 55mm	Shielding Angle:

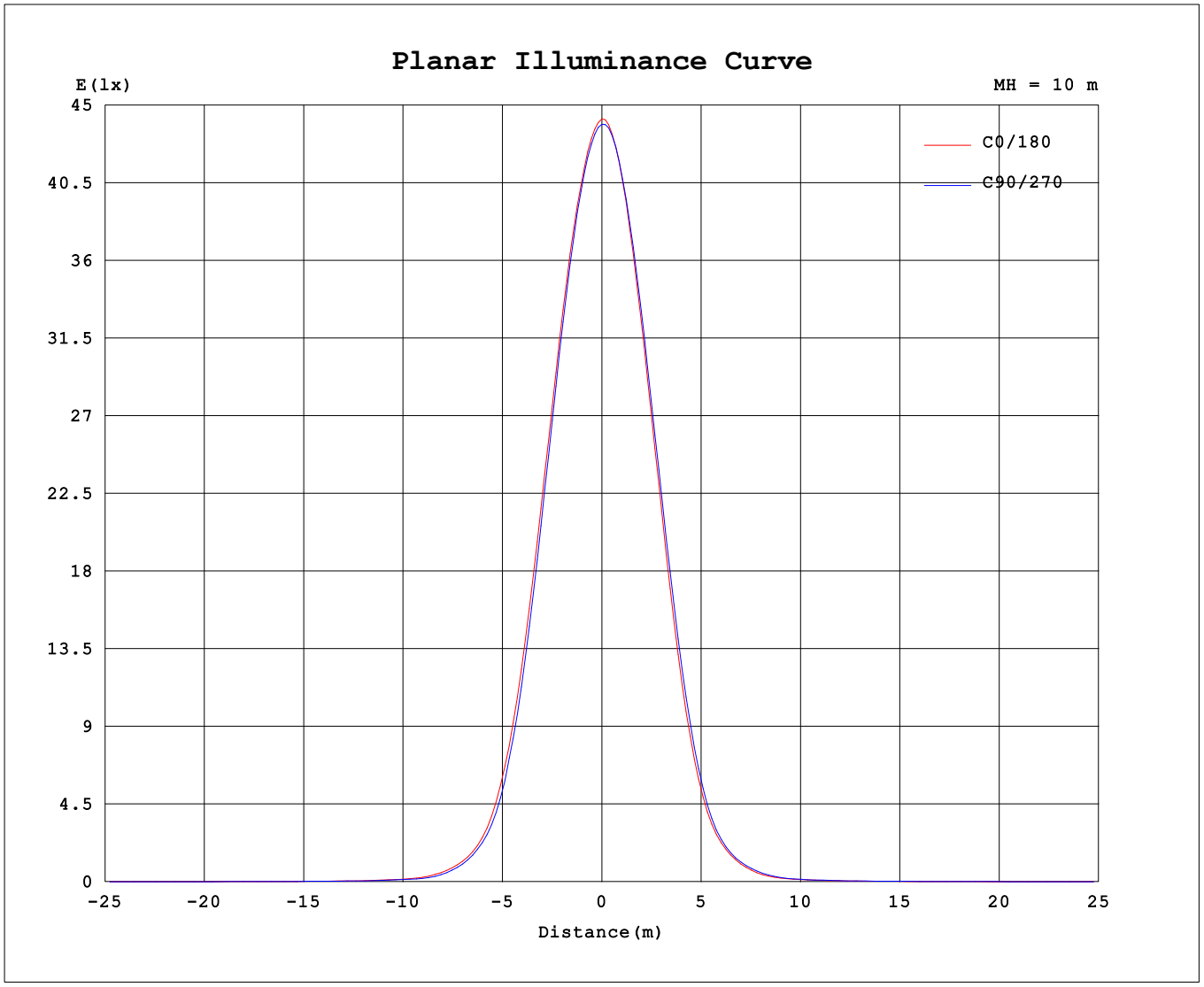
AvgL	cd/m2
L_0~180(65)av	15445
L_0~180(75)av	13311
L_0~180(85)av	10092
L_90~270(65)av	15725
L_90~270(75)av	13407
L_90~270(85)av	10034
L_45(65)av	15547
L_45(75)av	13328
L_45(85)av	9914

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-10X2501-4000K RA90 36D WHITE

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:240.3V I:0.1039A P:24.5W PF:0.9806 Freq:49.99Hz UTHDi:0.32% ITHDi:7.93% KDisp:0.9874 Lamp Flux:1825.23x1 lm		
NAME: HCP-10X2501-4000K 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	4397	4397	4397	4397	4397	4397	4397	4397
5	4164	4167	4162	4164	4195	4217	4231	4190
10	3628	3615	3588	3574	3611	3677	3691	3667
15	2827	2790	2748	2724	2773	2825	2880	2890
20	1902	1862	1788	1751	1801	1850	1929	1952
25	1055	1019	965	931	953	989	1050	1076
30	480	456	424	422	422	437	463	491
35	218	210	190	188	189	194	212	224
40	95.9	83.6	73.1	70.6	73.8	78.1	89.6	96.7
45	43.1	40.1	37.4	37.1	38.5	40.3	42.6	44.0
50	27.2	25.4	23.9	23.8	24.7	25.9	27.5	27.6
55	21.1	20.5	19.8	19.1	19.5	20.6	21.8	21.6
60	18.5	18.1	17.4	16.9	17.4	18.5	19.5	19.2
65	15.7	14.9	14.1	13.9	14.3	15.3	16.4	16.3
70	11.9	11.2	10.5	10.4	10.8	11.5	12.4	12.4
75	8.40	7.79	7.25	7.13	7.45	8.05	8.71	8.77
80	5.16	4.68	4.27	4.19	4.45	4.86	5.37	5.42
85	2.29	1.93	1.64	1.56	1.76	2.02	2.38	2.44
90	0.08	0.06	0.09	0.07	0.07	0.06	0.06	0.06

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-10X2501-4000K 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	4397	4397	4397	4397	4397	4397	4397	4397
3.0	4303	4302	4301	4310	4329	4344	4351	4326
6.0	4079	4085	4074	4074	4108	4136	4146	4105
9.0	3762	3750	3726	3716	3753	3808	3822	3793
12.0	3333	3315	3279	3262	3300	3362	3393	3385
15.0	2827	2790	2748	2724	2773	2825	2880	2890
18.0	2279	2231	2172	2140	2197	2245	2318	2337
21.0	1718	1680	1601	1562	1611	1658	1734	1761
24.0	1205	1169	1095	1070	1101	1141	1208	1231
27.0	787.3	751.8	690.1	686.2	694.9	716.0	768.9	805.4
30.0	480.1	456.1	424.4	422.0	421.6	436.6	463.2	490.8
33.0	294.9	287.4	263.8	263.2	261.0	268.5	286.7	303.1
36.0	186.9	176.2	159.9	156.7	158.8	163.3	178.9	192.4
39.0	112.3	101.3	91.05	86.26	89.82	95.85	107.5	115.6
42.0	66.04	58.20	51.14	50.11	52.53	55.71	62.79	67.79
45.0	43.15	40.11	37.35	37.14	38.45	40.28	42.61	44.00
48.0	33.22	31.09	27.82	27.24	28.58	30.75	33.17	33.51
51.0	25.36	24.12	22.85	22.69	23.48	24.63	25.87	25.77
54.0	22.14	21.35	20.44	19.89	20.13	21.35	22.67	22.57
57.0	19.85	19.51	18.88	18.27	18.70	19.78	20.76	20.44
60.0	18.51	18.12	17.43	16.92	17.35	18.47	19.48	19.17
63.0	17.00	16.46	15.72	15.29	15.75	16.84	17.87	17.64
66.0	14.93	14.20	13.41	13.16	13.61	14.54	15.57	15.53
69.0	12.69	11.97	11.25	11.06	11.47	12.28	13.19	13.22
72.0	10.46	9.820	9.205	9.044	9.408	10.12	10.89	10.93
75.0	8.396	7.793	7.250	7.130	7.451	8.046	8.712	8.768
78.0	6.403	5.883	5.423	5.323	5.604	6.091	6.663	6.712
81.0	4.554	4.101	3.721	3.634	3.884	4.261	4.740	4.789
84.0	2.832	2.450	2.143	2.066	2.276	2.565	2.952	3.006
87.0	1.233	0.9084	0.6494	0.5709	0.7260	0.9694	1.293	1.357
90.0	0.0764	0.0606	0.0866	0.0658	0.0668	0.0603	0.0644	0.0552

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
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γ Range: 0 - 90DEG
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Humidity:65.0%
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