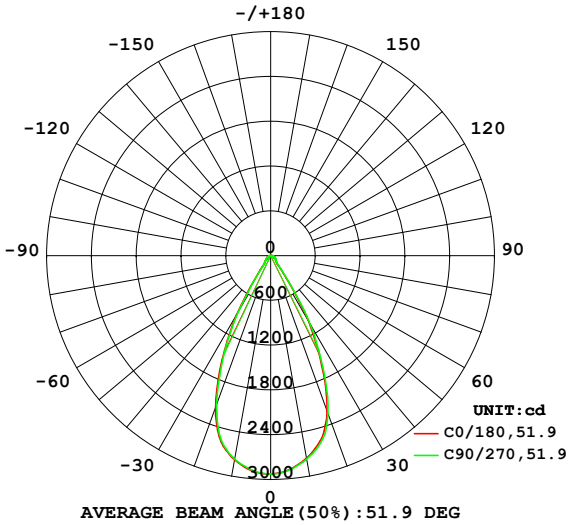
Photometric Filename: HCP-10X2701-3000K RA90 60D WHITE

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:240.3V I:0.1169A P:27.8W PF:0.9910 Freq:49.99Hz UTHDi:0.36% ITHDi:6.30% KDisp:0.9948 Lamp Flux:2175.54x1 lm		
NAME: HCP-10X2701-3000K RA90 60D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

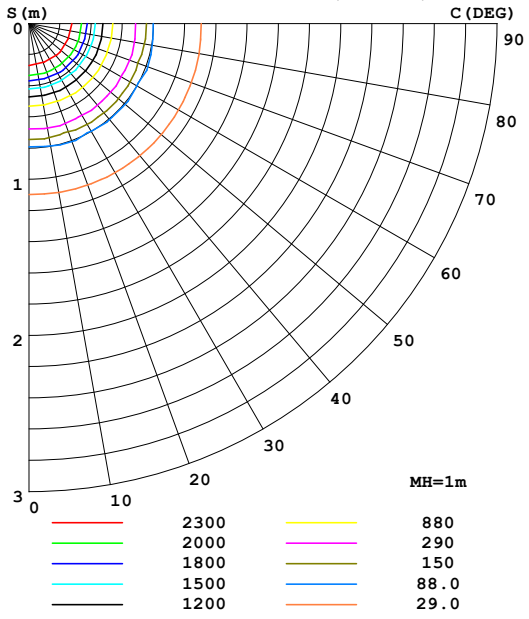
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 78.17 lm/W	
MODEL		Imax(cd)	2926	S/MH(C0/180)	0.77
NOMINAL POWER(W)	29	LOR(%)	100.0	S/MH(C90/270)	0.77
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	2175.5	η UP,DN(C0-180)	0.0,51.6
NOMINAL FLUX(lm)	2175.54	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,48.4
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	240.25	η down(%)	100.0	CIBSE SHR MAX	0.80

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):51.9 DEG

PLANAR ISOLUX DIAGRAM(UNIT:lx)



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-15

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	2756	2766	2768	2776	2778	2774	2769	2764	0- 10	271.7	271.7	12.5,12.5
20	2213	2229	2253	2233	2168	2106	2122	2172	10- 20	711.5	983.2	45.2,45.2
30	1024	1076	1071	1018	922.4	859.2	876.0	962.8	20- 30	716.5	1700	78.1,78.1
40	134.6	141.6	143.9	138.6	132.7	129.8	127.3	129.3	30- 40	252.9	1953	89.7,89.7
50	82.34	85.20	84.87	84.11	82.29	79.57	78.79	79.51	40- 50	81.22	2034	93.5,93.5
60	56.01	57.92	58.36	58.40	57.11	55.42	54.76	54.84	50- 60	60.76	2095	96.3,96.3
70	37.39	39.01	38.94	37.74	35.49	33.68	33.82	35.14	60- 70	46.63	2141	98.4,98.4
80	16.71	18.01	17.55	16.07	14.24	13.09	13.53	14.79	70- 80	27.15	2168	99.7,99.7
90	0.1383	0.1234	0.1401	0.1265	0.1488	0.1513	0.1613	0.1455	80- 90	7.263	2176	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): 1996.1 lm

%lum = 91.7%
%lamp = 91.7%

Conical surface Flux(130deg): 2119.9 lm

%lum = 97.4%
%lamp = 97.4%

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-15

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:

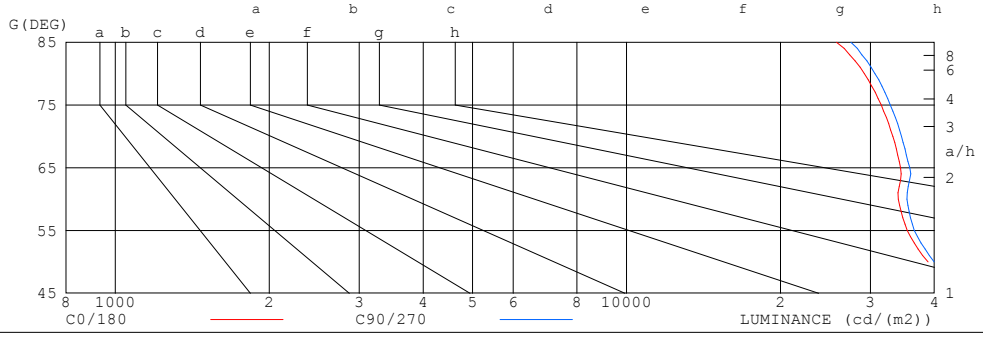
Photometric Filename: HCP-10X2701-3000K RA90 60D WHITE

LUMINANCE LIMITATION CURVES

Test:U:240.3V I:0.1169A P:27.8W PF:0.9910 Freq:49.99Hz **UTHDi:0.36% ITHDi:6.30% KDisp:0.9948 Lamp Flux:2175.54x1 lm**		
NAME: HCP-10X2701-3000K RA90 60D WHITE	**TYPE:**	**WEIGHT:**
SPEC.:	**DIM.:**	**SERIAL No.:**
MFR.: Havit Commercial	**SUR.: 65mm**	**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	25765	27470
80	29208	30620
75	31498	32825
70	33180	34493
65	34345	35799
60	34001	35363
55	35412	36529
50	38882	40000
45	44717	46491

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-15

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-10X2701-3000K RA90 60D WHITE

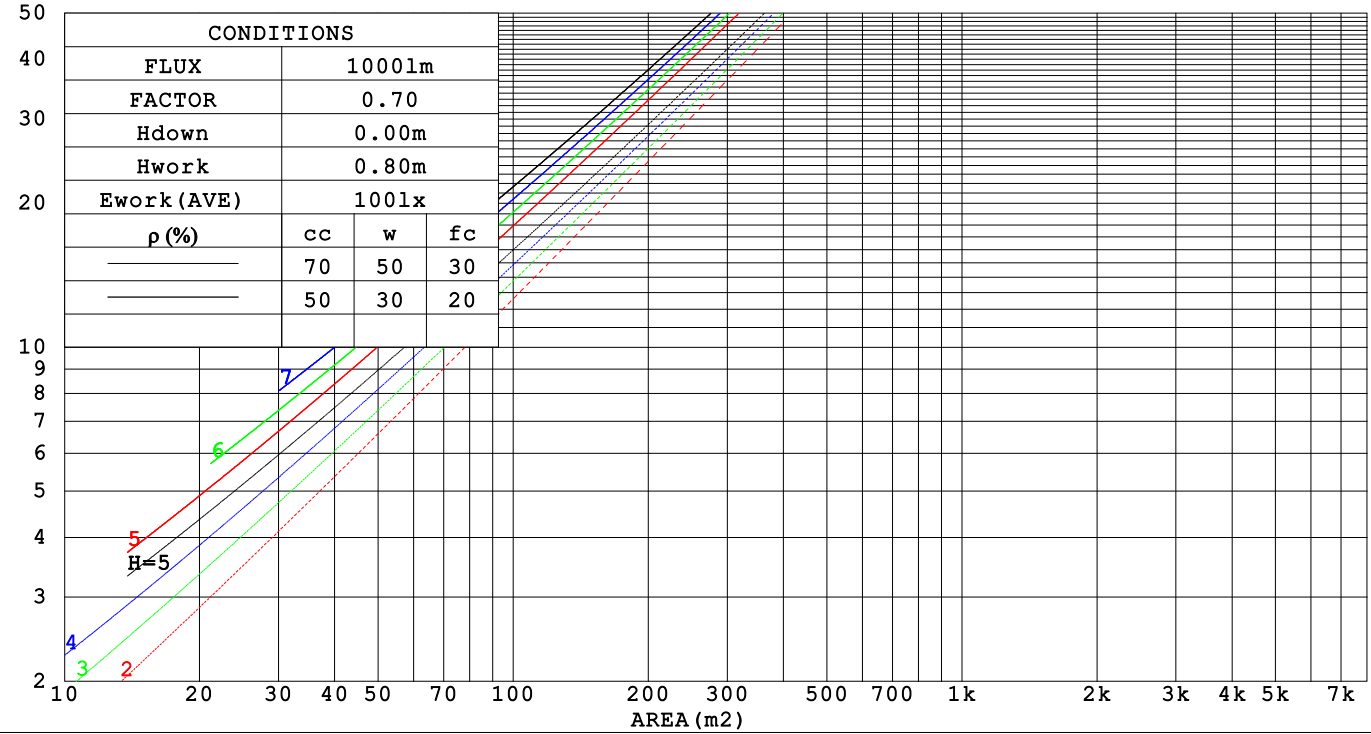
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:240.3V I:0.1169A P:27.8W PF:0.9910 Freq:49.99Hz UTHDi:0.36% ITHDi:6.30% KDisp:0.9948 Lamp Flux:2175.54x1 lm		
NAME: HCP-10X2701-3000K RA90 60D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	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	1.01	1.00	.99	.98	.97	.96	.95	.93
2.0	1.03	.98	.95	1.01	.97	.94	.98	.95	.92	.95	.92	.90	.92	.90	.88	.86
3.0	.96	.91	.87	.94	.90	.86	.92	.88	.85	.89	.86	.83	.87	.84	.82	.80
4.0	.90	.84	.80	.89	.83	.80	.86	.82	.79	.84	.81	.78	.83	.79	.77	.75
5.0	.84	.79	.74	.83	.78	.74	.82	.77	.73	.80	.76	.73	.78	.75	.72	.71
6.0	.80	.74	.70	.79	.73	.69	.77	.72	.69	.76	.72	.68	.75	.71	.68	.66
7.0	.75	.69	.65	.75	.69	.65	.73	.68	.65	.72	.68	.64	.71	.67	.64	.63
8.0	.71	.66	.62	.71	.65	.61	.70	.65	.61	.69	.64	.61	.68	.64	.61	.59
9.0	.68	.62	.58	.67	.62	.58	.66	.61	.58	.65	.61	.58	.65	.60	.57	.56
10.0	.64	.59	.55	.64	.59	.55	.63	.58	.55	.62	.58	.55	.62	.58	.55	.53

LAMPS

LUMINAIRE BUDGETARY DIAGRAM



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-15

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-10X2701-3000K RA90 60D WHITE

WEC AND CCEC

Test:U:240.3V I:0.1169A P:27.8W PF:0.9910 Freq:49.99Hz UTHDi:0.36% ITHDi:6.30% KDisp:0.9948 Lamp Flux:2175.54x1 lm		
NAME: HCP-10X2701-3000K RA90 60D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	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	.186	.106	.033	.179	.102	.032	.166	.095	.030	.155	.089	.029	.144	.083	.027	
2.0	.175	.096	.029	.170	.093	.029	.159	.088	.027	.149	.084	.026	.140	.079	.025	
3.0	.165	.088	.026	.160	.086	.026	.151	.082	.025	.143	.078	.024	.135	.075	.023	
4.0	.155	.081	.024	.151	.079	.023	.143	.076	.023	.136	.073	.022	.129	.070	.021	
5.0	.147	.075	.022	.143	.074	.021	.136	.071	.021	.130	.069	.020	.124	.066	.020	
6.0	.139	.070	.020	.136	.069	.020	.130	.067	.019	.125	.065	.019	.119	.063	.019	
7.0	.132	.065	.019	.130	.065	.018	.124	.063	.018	.119	.061	.018	.115	.060	.018	
8.0	.126	.062	.017	.124	.061	.017	.119	.059	.017	.114	.058	.017	.110	.057	.017	
9.0	.120	.058	.016	.118	.058	.016	.114	.056	.016	.110	.055	.016	.106	.054	.016	
10.0	.115	.055	.015	.113	.055	.015	.109	.054	.015	.106	.053	.015	.103	.052	.015	

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	.134	.114	.097	.092	.079	.068	.053	.046	.040	.017	.015	.013	
3.0	.144	.114	.089	.124	.098	.077	.085	.068	.054	.049	.040	.032	.016	.013	.010	
4.0	.134	.099	.072	.115	.085	.063	.079	.060	.044	.046	.035	.026	.015	.011	.009	
5.0	.125	.087	.060	.107	.076	.052	.074	.053	.037	.043	.031	.022	.014	.010	.007	
6.0	.117	.078	.050	.101	.067	.043	.069	.047	.031	.040	.028	.018	.013	.009	.006	
7.0	.110	.070	.042	.095	.061	.037	.066	.043	.026	.038	.025	.016	.012	.008	.005	
8.0	.104	.064	.036	.090	.056	.032	.062	.039	.022	.036	.023	.013	.012	.008	.004	
9.0	.099	.059	.032	.085	.051	.028	.059	.036	.020	.034	.021	.012	.011	.007	.004	
10.0	.094	.054	.028	.081	.047	.024	.056	.033	.017	.033	.020	.010	.011	.006	.003	

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-15

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-10X2701-3000K RA90 60D WHITE

UGR(Unified Glare Rating) Table

Test:U:240.3V I:0.1169A P:27.8W PF:0.9910 Freq:49.99Hz UTHDi:0.36% ITHDi:6.30% KDisp:0.9948 Lamp Flux:2175.54x1 lm		
NAME: HCP-10X2701-3000K RA90 60D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	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	21.7	22.6	21.9	22.8	23.0	21.9	22.9	22.2	23.1	23.2
	3H	22.6	23.4	22.8	23.6	23.8	22.8	23.7	23.1	23.9	24.1
	4H	23.0	23.8	23.3	24.1	24.3	23.3	24.1	23.5	24.3	24.5
	6H	23.3	24.1	23.6	24.4	24.6	23.6	24.4	23.9	24.6	24.9
	8H	23.5	24.2	23.8	24.5	24.7	23.7	24.5	24.0	24.7	25.0
	12H	23.5	24.3	23.9	24.5	24.8	23.8	24.5	24.1	24.8	25.1
4H	2H	22.0	22.8	22.2	23.0	23.2	22.2	23.0	22.5	23.2	23.5
	3H	23.1	23.8	23.4	24.1	24.4	23.3	24.0	23.6	24.3	24.6
	4H	23.7	24.3	24.0	24.6	25.0	23.9	24.5	24.2	24.8	25.2
	6H	24.2	24.7	24.5	25.1	25.4	24.4	25.0	24.8	25.3	25.6
	8H	24.3	24.9	24.7	25.2	25.6	24.6	25.1	24.9	25.4	25.8
	12H	24.4	24.9	24.9	25.3	25.7	24.7	25.2	25.1	25.5	25.9
8H	4H	23.9	24.4	24.3	24.8	25.2	24.1	24.6	24.5	25.0	25.4
	6H	24.5	25.0	25.0	25.4	25.8	24.7	25.2	25.1	25.6	26.0
	8H	24.8	25.2	25.2	25.6	26.0	25.0	25.4	25.4	25.8	26.2
	12H	25.0	25.3	25.4	25.7	26.2	25.2	25.5	25.6	25.9	26.4
12H	4H	23.9	24.4	24.3	24.8	25.2	24.1	24.6	24.5	25.0	25.3
	6H	24.6	25.0	25.0	25.4	25.8	24.8	25.1	25.2	25.6	26.0
	8H	24.9	25.2	25.3	25.6	26.1	25.0	25.4	25.5	25.8	26.3

Variations with the observer position at spacings(CIE Pub.117):		
S = 1.0H	+ 0.4 / - 0.4	+ 0.5 / - 0.4
1.5H	+ 0.6 / - 0.3	+ 0.9 / - 0.3
2.0H	+ 0.2 / - 0.3	+ 0.3 / - 0.3

CIE Pub.117, 2176 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 2.7)
Area: 0.0033 m2

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-15

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-10X2701-3000K RA90 60D WHITE

UTILIZATION FACTORS TABLE

Test:U:240.3V I:0.1169A P:27.8W PF:0.9910 Freq:49.99Hz UTHDi:0.36% ITHDi:6.30% KDisp:0.9948 Lamp Flux:2175.54x1 lm		
NAME: HCP-10X2701-3000K RA90 60D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	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	74	84	78	74	71
0.80	93	86	82	92	86	82	91	86	82	78
1.00	97	91	87	96	91	87	95	91	87	82
1.25	101	96	92	100	95	92	98	94	91	86
1.50	104	99	95	103	98	95	101	97	94	89
2.00	107	103	99	106	102	98	103	100	97	91
2.50	109	105	102	108	104	101	104	101	99	93
3.00	111	107	104	109	106	103	106	103	101	94
4.00	113	110	108	111	108	106	107	105	104	96
5.00	114	112	110	112	110	108	108	107	105	98
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended					SHRNOM = 1.25	

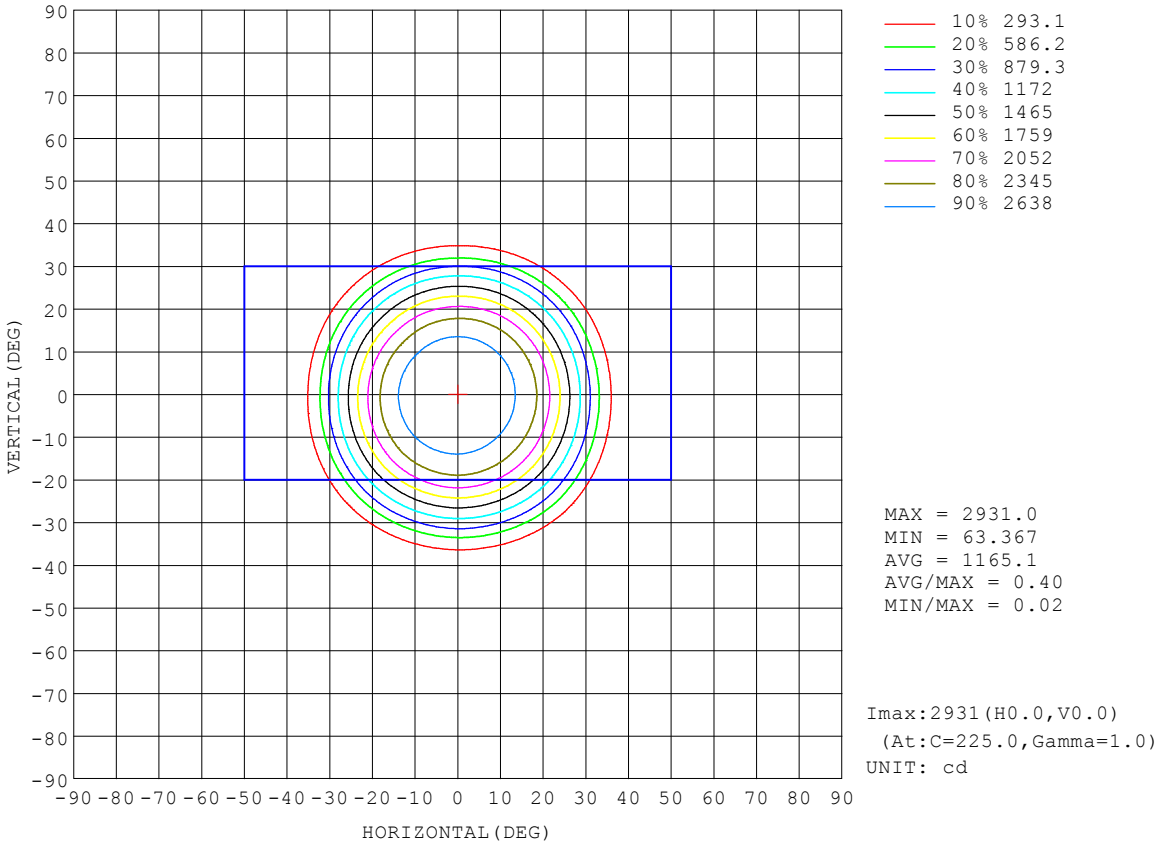
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
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Test Date:2023-11-15

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-10X2701-3000K RA90 60D WHITE

ISOCANDELA DIAGRAM

Test:U:240.3V I:0.1169A P:27.8W PF:0.9910 Freq:49.99Hz UTHDi:0.36% ITHDi:6.30% KDisp:0.9948 Lamp Flux:2175.54x1 lm		
NAME: HCP-10X2701-3000K RA90 60D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:



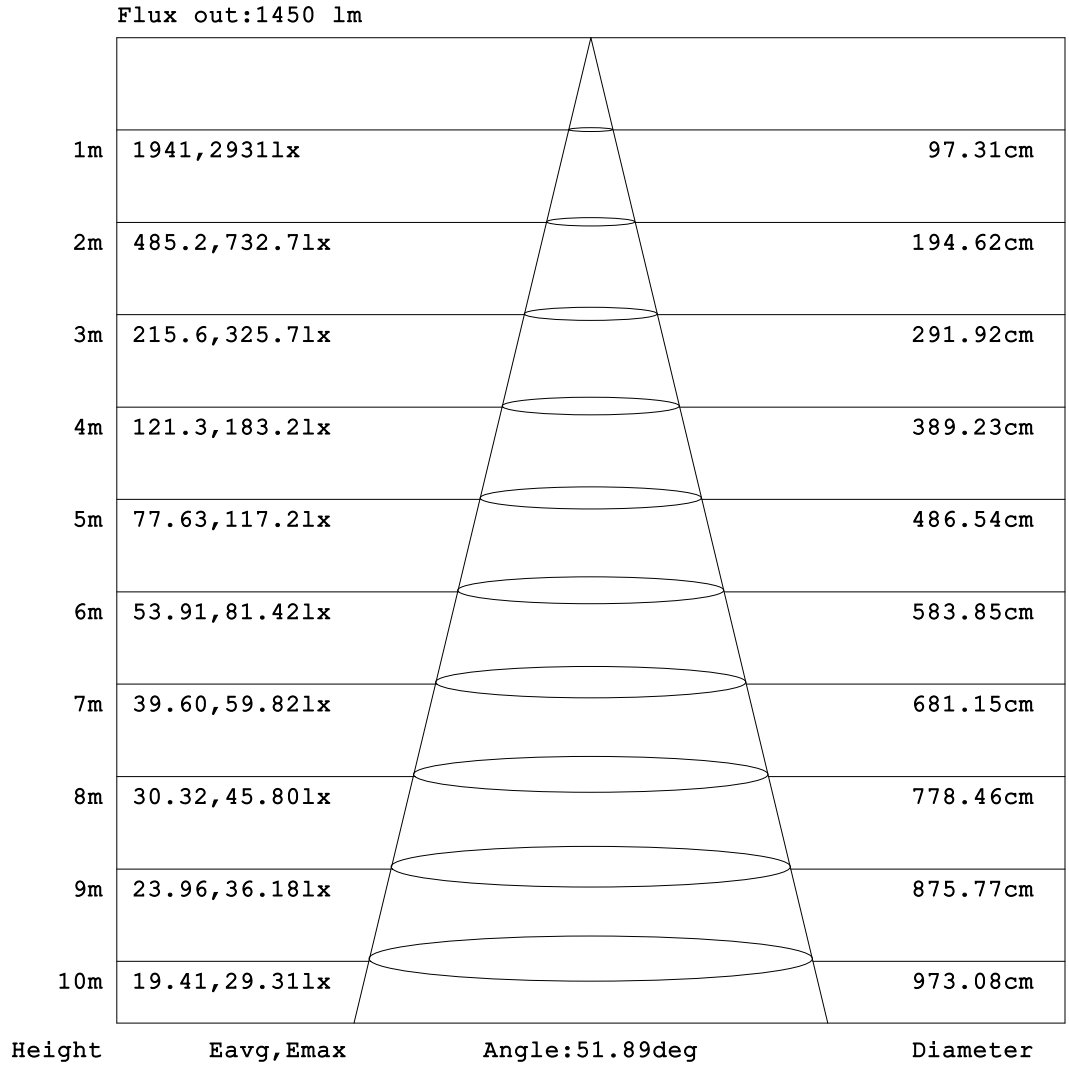
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γ Range: 0 - 90DEG
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Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks:

Photometric Filename: HCP-10X2701-3000K RA90 60D WHITE

AAI Figure

Test:U:240.3V I:0.1169A P:27.8W PF:0.9910 Freq:49.99Hz UTHDi:0.36% ITHDi:6.30% KDisp:0.9948 Lamp Flux:2175.54x1 lm		
NAME: HCP-10X2701-3000K RA90 60D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:



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

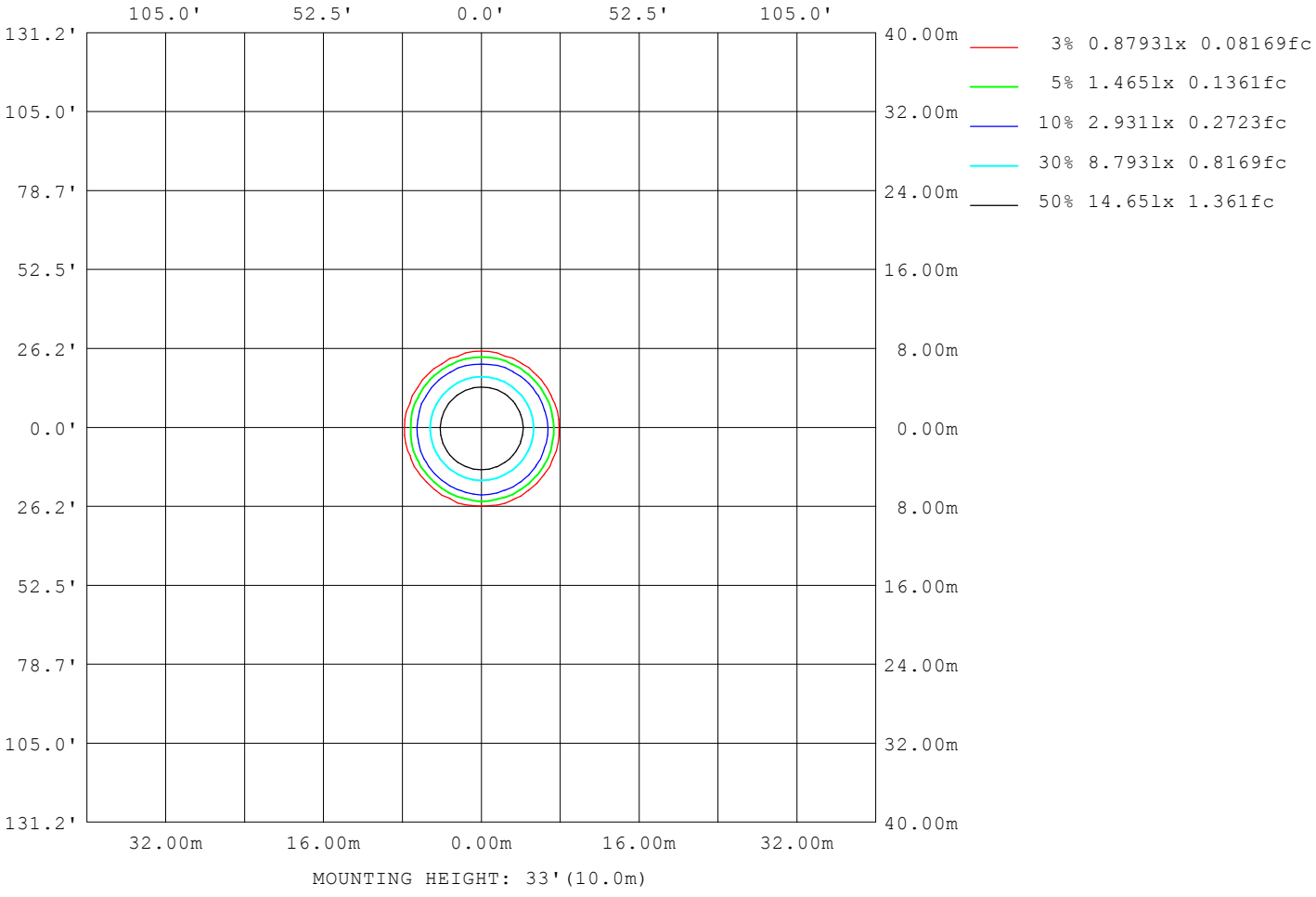
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-15

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-10X2701-3000K RA90 60D WHITE

ISOLUX DIAGRAM

Test:U:240.3V I:0.1169A P:27.8W PF:0.9910 Freq:49.99Hz UTHDi:0.36% ITHDi:6.30% KDisp:0.9948 Lamp Flux:2175.54x1 lm		
NAME: HCP-10X2701-3000K RA90 60D WHITE	**TYPE:**	**WEIGHT:**
SPEC.:	**DIM.:**	**SERIAL No.:**
MFR.: Havit Commercial	**SUR.: 65mm**	**Shielding Angle:**



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-15

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:0.1169A P:27.8W PF:0.9910 Freq:49.99Hz UTHDi:0.36% ITHDi:6.30% KDisp:0.9948 Lamp Flux:2175.54x1 lm		
NAME: HCP-10X2701-3000K RA90 60D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

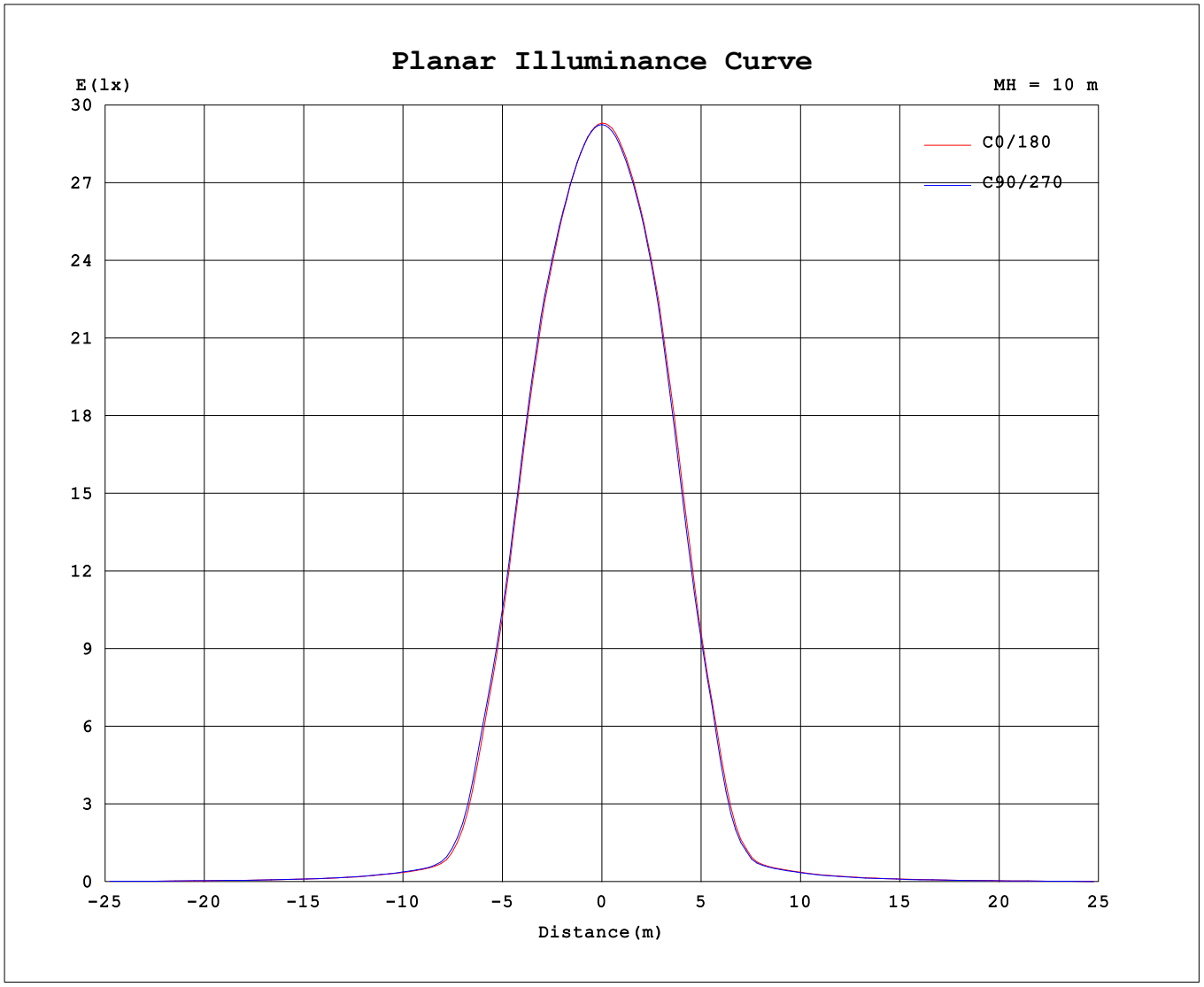
AvgL	cd/m2
L_0~180(65)av	34016
L_0~180(75)av	30045
L_0~180(85)av	21752
L_90~270(65)av	34005
L_90~270(75)av	30029
L_90~270(85)av	22071
L_45(65)av	34013
L_45(75)av	30030
L_45(85)av	21839

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-15

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:2023-11-15

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-10X2701-3000K RA90 60D WHITE

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:240.3V I:0.1169A P:27.8W PF:0.9910 Freq:49.99Hz UTHDi:0.36% ITHDi:6.30% KDisp:0.9948 Lamp Flux:2175.54x1 lm		
NAME: HCP-10X2701-3000K RA90 60D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

Table--1 UNIT: cd

γ (DEG) \ C(DEG)	0	45	90	135	180	225	270	315
0	2926	2926	2926	2926	2926	2926	2926	2926
5	2877	2882	2882	2890	2892	2893	2884	2881
10	2756	2766	2768	2776	2778	2774	2769	2764
15	2567	2574	2596	2603	2579	2550	2563	2573
20	2213	2229	2253	2233	2168	2106	2122	2172
25	1622	1660	1665	1634	1546	1477	1502	1547
30	1024	1076	1071	1018	922	859	876	963
35	372	430	414	359	299	275	278	306
40	135	142	144	139	133	130	127	129
45	104	108	109	108	106	101	102	102
50	82.3	85.2	84.9	84.1	82.3	79.6	78.8	79.5
55	66.9	68.6	69.2	69.1	67.9	65.9	65.1	65.2
60	56.0	57.9	58.4	58.4	57.1	55.4	54.8	54.8
65	47.8	49.6	49.9	49.1	47.1	45.1	44.9	45.9
70	37.4	39.0	38.9	37.7	35.5	33.7	33.8	35.1
75	26.9	28.4	28.0	26.6	24.5	22.9	23.3	24.7
80	16.7	18.0	17.6	16.1	14.2	13.1	13.5	14.8
85	7.40	8.32	7.90	6.57	5.11	4.35	4.79	5.88
90	0.14	0.12	0.14	0.13	0.15	0.15	0.16	0.15

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:

Photometric Filename: HCP-10X2701-3000K 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	2926	2926	2926	2926	2926	2926	2926	2926
3.0	2907	2908	2911	2916	2918	2917	2912	2908
6.0	2858	2864	2866	2872	2874	2876	2867	2861
9.0	2787	2795	2796	2805	2807	2803	2798	2792
12.0	2691	2700	2708	2720	2710	2701	2701	2697
15.0	2567	2574	2596	2603	2579	2550	2563	2573
18.0	2382	2393	2421	2409	2357	2306	2324	2362
21.0	2115	2132	2149	2134	2054	1989	2001	2058
24.0	1753	1787	1794	1764	1681	1606	1625	1684
27.0	1373	1406	1419	1374	1287	1242	1258	1304
30.0	1024	1076	1071	1018	922.4	859.2	876.0	962.8
33.0	603.7	676.5	660.0	579.3	489.1	449.7	448.6	505.0
36.0	287.9	332.1	324.0	277.6	243.4	216.7	225.4	239.5
39.0	149.8	163.6	163.7	152.4	142.0	138.6	135.7	139.3
42.0	118.6	122.7	124.1	123.0	120.1	116.9	115.4	115.3
45.0	104.2	108.0	108.5	107.9	105.5	101.3	101.6	101.7
48.0	92.58	95.70	95.21	93.50	90.21	86.60	86.24	88.34
51.0	78.66	81.05	81.27	80.79	79.15	76.38	75.60	76.31
54.0	69.57	71.44	71.90	71.56	70.43	68.24	67.40	67.49
57.0	62.30	63.97	64.59	64.60	63.37	61.36	60.77	60.80
60.0	56.01	57.92	58.36	58.40	57.11	55.42	54.76	54.84
63.0	51.40	53.05	53.63	53.54	51.93	49.85	49.58	50.14
66.0	45.75	47.50	47.68	46.84	44.75	42.80	42.70	43.71
69.0	39.52	41.14	41.14	40.02	37.81	35.93	36.01	37.31
72.0	33.16	34.75	34.57	33.21	30.96	29.29	29.50	30.89
75.0	26.86	28.41	28.04	26.58	24.46	22.95	23.25	24.66
78.0	20.67	22.10	21.68	20.18	18.20	16.91	17.31	18.64
81.0	14.76	15.99	15.53	14.08	12.30	11.22	11.69	12.92
84.0	9.182	10.18	9.759	8.358	6.817	5.984	6.430	7.573
87.0	4.031	4.794	4.385	3.190	1.903	1.252	1.693	2.698
90.0	0.1383	0.1234	0.1401	0.1265	0.1488	0.1513	0.1613	0.1455

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: