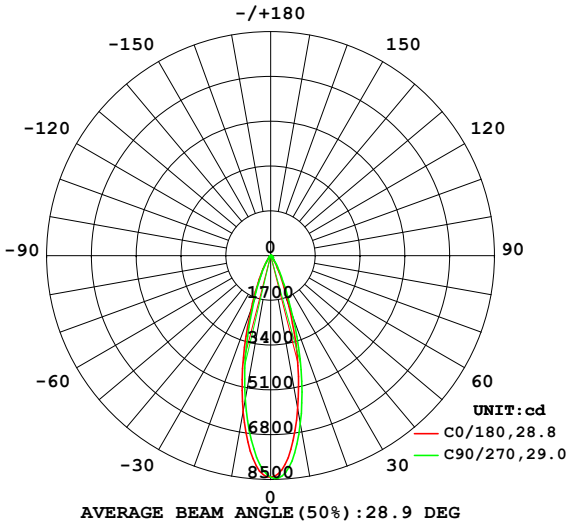
Photometric Filename: HCP-10X2701-2700K RA90 24D WHITE

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:240.2V I:0.1461A P:34.8W PF:0.9927 Freq:49.99Hz UTHDi:0.41% ITHDi:39.84% KDisp:0.9961 Lamp Flux:2642.64x1 lm		
NAME: HCP-10X2701-2700K RA90 24D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

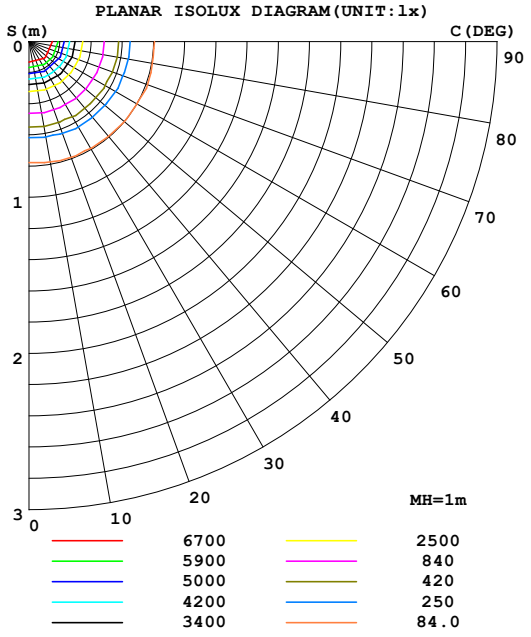
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 75.85 lm/W	
MODEL		Imax(cd)	8463	S/MH(C0/180)	0.49
NOMINAL POWER(W)	35	LOR(%)	100.0	S/MH(C90/270)	0.45
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	2642.6	η UP,DN(C0-180)	0.0,52.3
NOMINAL FLUX(lm)	2642.64	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,47.7
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	240.33	η down(%)	100.0	CIBSE SHR MAX	0.50

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):28.9 DEG

PLANAR ISOLUX DIAGRAM(UNIT:lx)



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-14

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	5930	6343	6491	6326	6029	5709	5578	5687	0- 10	680.7	680.7	25.8,25.8
20	2049	2361	2480	2367	2198	2034	1948	1926	10- 20	1081	1762	66.7,66.7
30	482.7	565.8	595.7	606.4	586.6	569.7	521.4	487.5	20- 30	524.6	2286	86.5,86.5
40	124.9	142.8	151.6	151.5	144.1	131.3	122.7	122.2	30- 40	182.2	2468	93.4,93.4
50	69.57	73.11	73.49	72.63	69.99	65.80	64.05	66.80	40- 50	73.76	2542	96.2,96.2
60	39.11	40.66	40.95	40.98	39.82	38.26	37.77	37.84	50- 60	46.81	2589	98,98
70	23.71	25.03	25.19	24.72	24.03	22.76	22.47	22.69	60- 70	31.38	2620	99.2,99.2
80	10.14	11.06	11.09	10.51	9.847	8.909	8.863	9.287	70- 80	17.58	2638	99.8,99.8
90	0.1370	0.1056	0.1385	0.1034	0.1172	0.1200	0.1349	0.1166	80- 90	4.676	2643	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): 2509.6 lm

%lum = 95.0%
%lamp = 95.0%

Conical surface Flux(130deg): 2606.3 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:2023-11-14

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:

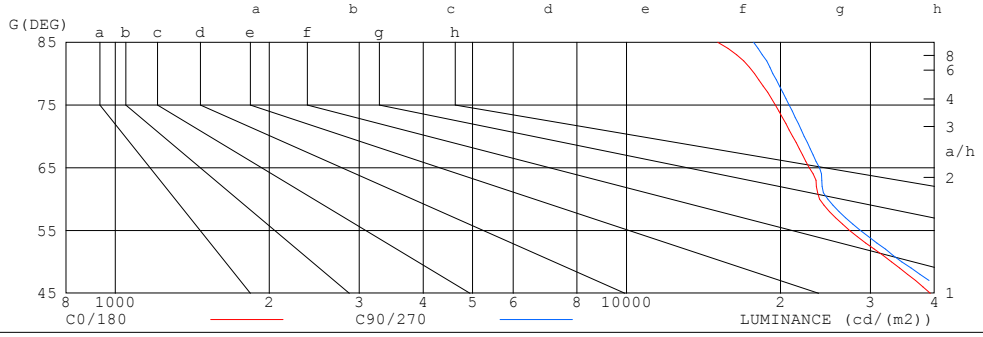
Photometric Filename: HCP-10X2701-2700K RA90 24D WHITE

LUMINANCE LIMITATION CURVES

Test:U:240.2V I:0.1461A P:34.8W PF:0.9927 Freq:49.99Hz **UTHDi:0.41% ITHDi:39.84% KDisp:0.9961 Lamp Flux:2642.64x1 lm**		
NAME: HCP-10X2701-2700K RA90 24D 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	15071	17717
80	17806	19317
75	19548	20800
70	21137	22274
65	22772	23837
60	23850	24767
55	27307	28685
50	33003	34578
45	39258	42201

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-14

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-10X2701-2700K RA90 24D WHITE

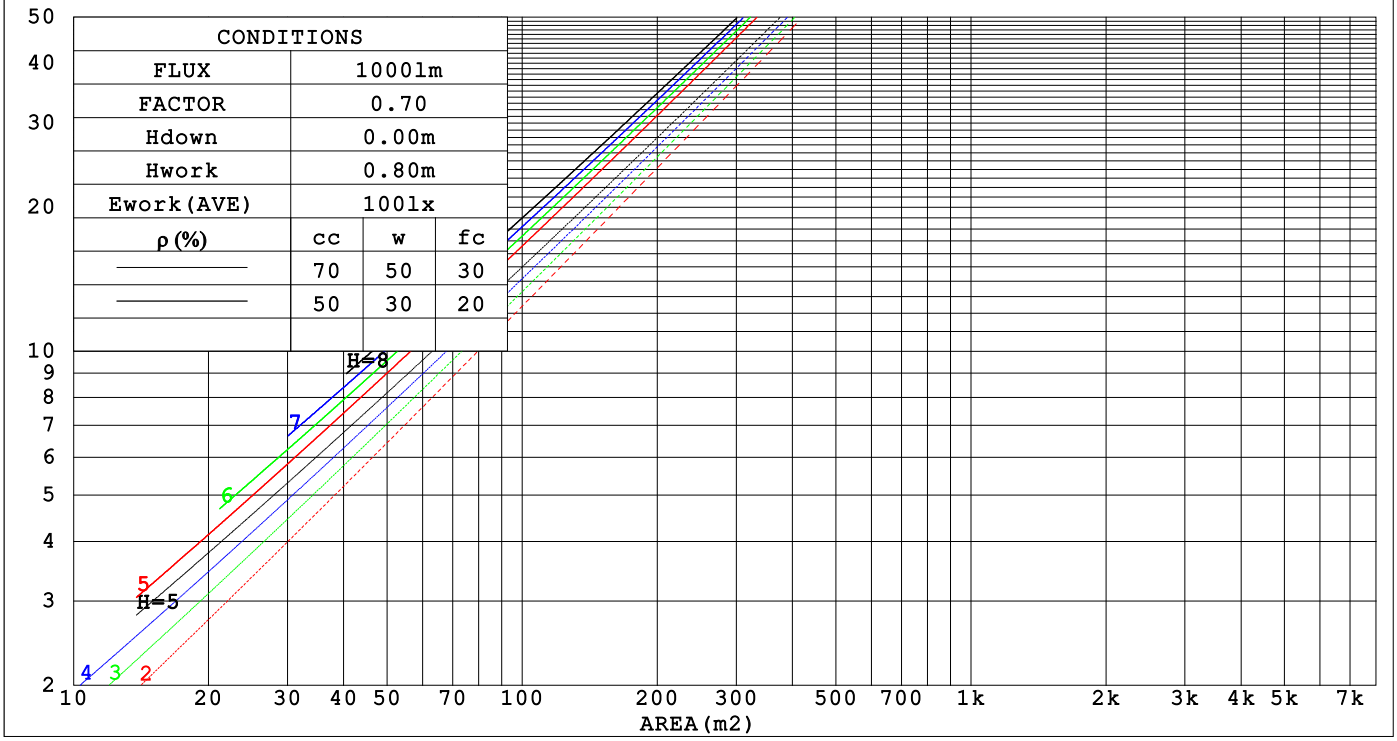
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:240.2V I:0.1461A P:34.8W PF:0.9927 Freq:49.99Hz UTHDi:0.41% ITHDi:39.84% KDisp:0.9961 Lamp Flux:2642.64x1 lm		
NAME: HCP-10X2701-2700K RA90 24D 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	1.12	1.09	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	.98	.95	.94	.95	.93	.92	.90
3.0	.00	.95	.92	.98	.94	.91	.96	.93	.90	.93	.91	.89	.91	.89	.87	.86
4.0	.95	.90	.87	.94	.89	.86	.92	.88	.85	.90	.87	.84	.88	.85	.83	.82
5.0	.90	.86	.82	.90	.85	.82	.88	.84	.81	.86	.83	.80	.85	.82	.80	.78
6.0	.87	.82	.78	.86	.81	.78	.84	.80	.77	.83	.80	.77	.82	.79	.76	.75
7.0	.83	.78	.75	.82	.78	.74	.81	.77	.74	.80	.76	.74	.79	.76	.73	.72
8.0	.80	.75	.72	.79	.75	.71	.78	.74	.71	.77	.74	.71	.76	.73	.71	.70
9.0	.77	.72	.69	.76	.72	.69	.76	.71	.69	.75	.71	.68	.74	.71	.68	.67
10.0	.74	.69	.66	.74	.69	.66	.73	.69	.66	.72	.69	.66	.72	.68	.66	.65

LAMPS

LUMINAIRE BUDGETARY DIAGRAM



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-14

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-10X2701-2700K RA90 24D WHITE

WEC AND CCEC

Test:U:240.2V I:0.1461A P:34.8W PF:0.9927 Freq:49.99Hz UTHDi:0.41% ITHDi:39.84% KDisp:0.9961 Lamp Flux:2642.64x1 lm		
NAME: HCP-10X2701-2700K RA90 24D 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	.159	.091	.029	.153	.087	.028	.140	.080	.026	.129	.074	.024	.118	.069	.022	
2.0	.149	.082	.025	.144	.079	.024	.133	.074	.023	.124	.069	.022	.115	.065	.020	
3.0	.140	.074	.022	.135	.072	.022	.126	.068	.021	.118	.065	.020	.110	.061	.019	
4.0	.131	.068	.020	.127	.066	.020	.120	.063	.019	.113	.060	.018	.106	.058	.018	
5.0	.123	.063	.018	.120	.062	.018	.114	.059	.017	.108	.057	.017	.102	.055	.016	
6.0	.117	.059	.017	.114	.057	.017	.108	.055	.016	.103	.054	.016	.098	.052	.015	
7.0	.111	.055	.016	.108	.054	.015	.103	.052	.015	.099	.051	.015	.094	.049	.014	
8.0	.105	.052	.014	.103	.051	.014	.099	.049	.014	.095	.048	.014	.091	.047	.014	
9.0	.101	.049	.014	.099	.048	.013	.095	.047	.013	.091	.046	.013	.088	.045	.013	
10.0	.096	.046	.013	.095	.046	.013	.091	.045	.013	.088	.044	.012	.085	.043	.012	

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	.070	.052	.046	.041	.017	.015	.013	
3.0	.139	.113	.093	.119	.098	.080	.082	.068	.056	.047	.040	.033	.015	.013	.011	
4.0	.128	.098	.076	.110	.085	.066	.075	.059	.046	.044	.035	.027	.014	.011	.009	
5.0	.118	.086	.063	.101	.075	.055	.070	.052	.039	.040	.031	.023	.013	.010	.008	
6.0	.109	.077	.053	.094	.066	.046	.065	.046	.033	.038	.027	.019	.012	.009	.006	
7.0	.102	.069	.045	.088	.060	.039	.061	.042	.028	.035	.025	.017	.011	.008	.005	
8.0	.096	.062	.039	.083	.054	.034	.057	.038	.024	.033	.022	.014	.011	.007	.005	
9.0	.090	.057	.034	.078	.049	.030	.054	.035	.021	.031	.020	.013	.010	.007	.004	
10.0	.085	.052	.030	.074	.045	.026	.051	.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:2023-11-14

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-10X2701-2700K RA90 24D WHITE

UGR(Unified Glare Rating) Table

Test:U:240.2V I:0.1461A P:34.8W PF:0.9927 Freq:49.99Hz UTHDi:0.41% ITHDi:39.84% KDisp:0.9961 Lamp Flux:2642.64x1 lm		
NAME: HCP-10X2701-2700K RA90 24D 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	18.5	19.3	18.7	19.5	19.6	19.0	19.8	19.2	19.9	20.1
3H	19.3	20.0	19.6	20.2	20.4	19.7	20.4	20.0	20.6	20.8
4H	19.7	20.4	19.9	20.6	20.8	20.1	20.8	20.3	21.0	21.2
6H	19.9	20.6	20.2	20.8	21.1	20.3	21.0	20.6	21.2	21.5
8H	20.0	20.7	20.3	20.9	21.2	20.4	21.1	20.7	21.3	21.6
12H	20.1	20.7	20.4	20.9	21.2	20.5	21.1	20.8	21.4	21.6
4H 2H	18.8	19.5	19.1	19.7	19.9	19.2	19.9	19.5	20.1	20.3
3H	19.8	20.4	20.1	20.7	20.9	20.2	20.8	20.5	21.0	21.3
4H	20.3	20.8	20.6	21.1	21.4	20.6	21.2	21.0	21.5	21.8
6H	20.7	21.2	21.0	21.5	21.8	21.0	21.5	21.4	21.8	22.2
8H	20.8	21.3	21.2	21.6	22.0	21.2	21.6	21.6	22.0	22.3
12H	20.9	21.3	21.3	21.7	22.1	21.3	21.7	21.7	22.0	22.4
8H 4H	20.5	20.9	20.8	21.3	21.6	20.8	21.2	21.2	21.6	21.9
6H	21.0	21.3	21.4	21.7	22.1	21.3	21.7	21.7	22.0	22.5
8H	21.2	21.5	21.6	21.9	22.4	21.5	21.8	21.9	22.2	22.7
12H	21.3	21.6	21.8	22.0	22.5	21.7	21.9	22.1	22.4	22.9
12H 4H	20.5	20.9	20.9	21.2	21.6	20.8	21.2	21.2	21.5	21.9
6H	21.0	21.3	21.4	21.8	22.2	21.3	21.6	21.7	22.1	22.5
8H	21.2	21.5	21.7	22.0	22.4	21.6	21.8	22.0	22.3	22.7

Variations with the observer position at spacings(CIE Pub.117):		
S = 1.0H	+ 0.5 / - 0.6	+ 0.8 / - 0.7
1.5H	+ 0.7 / - 0.4	+ 1.4 / - 0.5
2.0H	+ 0.7 / - 0.6	+ 0.8 / - 0.6

CIE Pub.117, 2643 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 3.4)
Area: 0.0033 m2

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-14

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-10X2701-2700K RA90 24D WHITE

UTILIZATION FACTORS TABLE

Test:U:240.2V I:0.1461A P:34.8W PF:0.9927 Freq:49.99Hz UTHDi:0.41% ITHDi:39.84% KDisp:0.9961 Lamp Flux:2642.64x1 lm		
NAME: HCP-10X2701-2700K RA90 24D 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	88	81	77	87	81	77	86	81	77	74
0.80	95	89	85	94	89	85	93	88	85	81
1.00	99	93	90	98	93	90	97	93	89	85
1.25	103	98	94	102	97	94	100	96	93	89
1.50	106	101	98	104	100	97	102	99	96	91
2.00	108	104	101	107	103	100	104	101	99	93
2.50	110	106	103	108	105	102	105	103	100	94
3.00	112	108	105	110	107	104	106	104	102	96
4.00	114	111	109	112	109	107	108	106	105	97
5.00	115	113	111	113	111	109	109	107	106	99
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended					SHRNOM = 1.25	

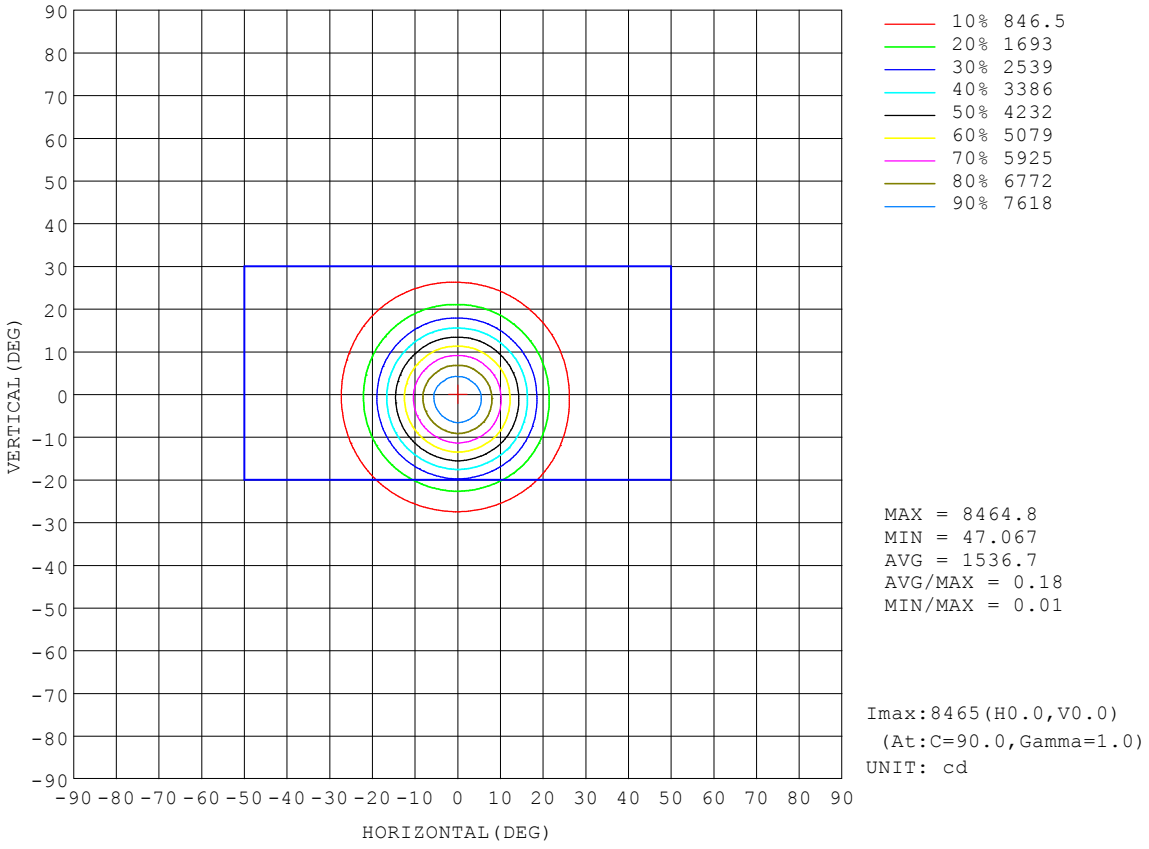
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-14

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-10X2701-2700K RA90 24D WHITE

ISOCANDELA DIAGRAM

Test:U:240.2V I:0.1461A P:34.8W PF:0.9927 Freq:49.99Hz UTHDi:0.41% ITHDi:39.84% KDisp:0.9961 Lamp Flux:2642.64x1 lm		
NAME: HCP-10X2701-2700K RA90 24D 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:2023-11-14

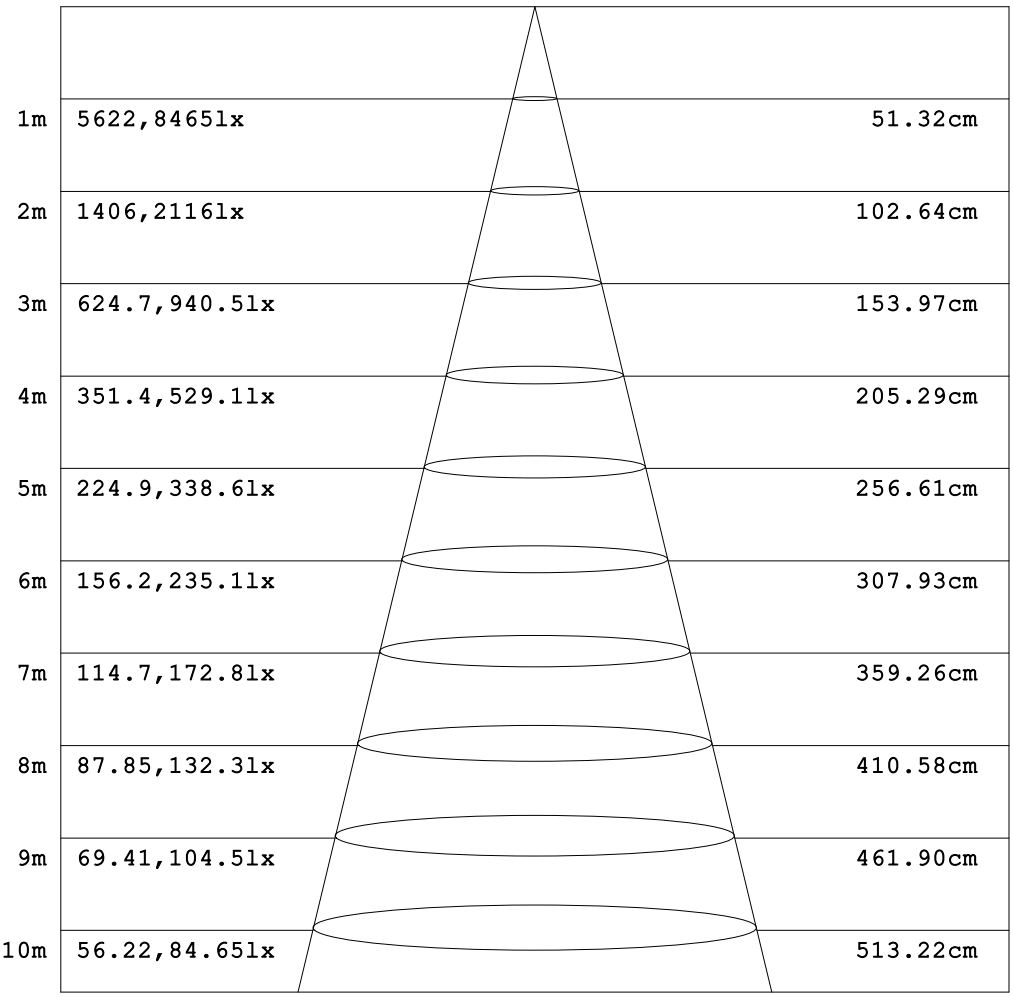
γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks:

Photometric Filename: HCP-10X2701-2700K RA90 24D WHITE

AAI Figure

Test:U:240.2V I:0.1461A P:34.8W PF:0.9927 Freq:49.99Hz UTHDi:0.41% ITHDi:39.84% KDisp:0.9961 Lamp Flux:2642.64x1 lm		
NAME: HCP-10X2701-2700K RA90 24D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

Flux out:1268 lm



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

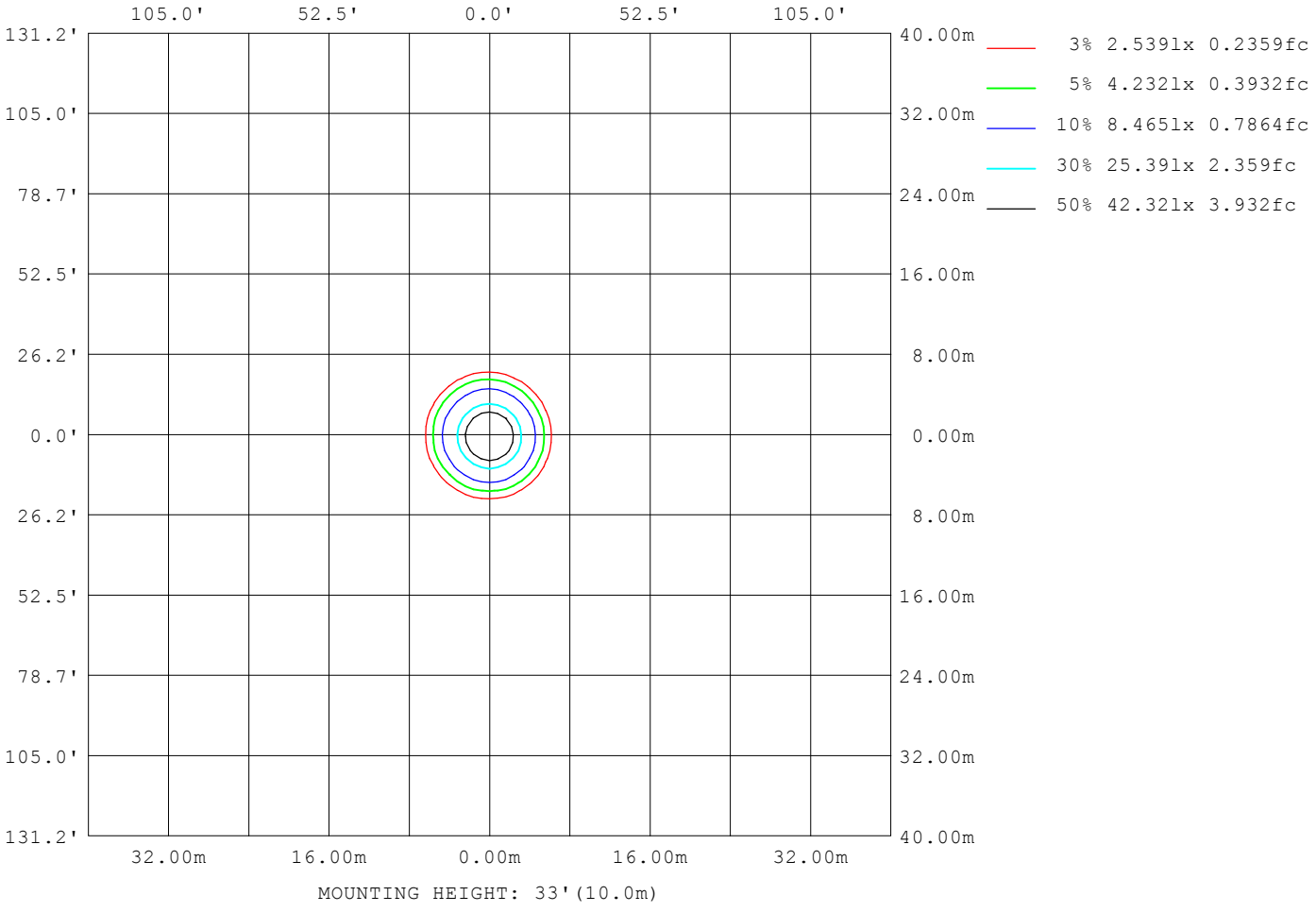
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-14

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-10X2701-2700K RA90 24D WHITE

ISOLUX DIAGRAM

Test:U:240.2V I:0.1461A P:34.8W PF:0.9927 Freq:49.99Hz **UTHDi:0.41% ITHDi:39.84% KDisp:0.9961 Lamp Flux:2642.64x1 lm**		
NAME: HCP-10X2701-2700K RA90 24D 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:2023-11-14

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:0.1461A P:34.8W PF:0.9927 Freq:49.99Hz UTHDi:0.41% ITHDi:39.84% KDisp:0.9961 Lamp Flux:2642.64x1 lm		
NAME: HCP-10X2701-2700K RA90 24D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

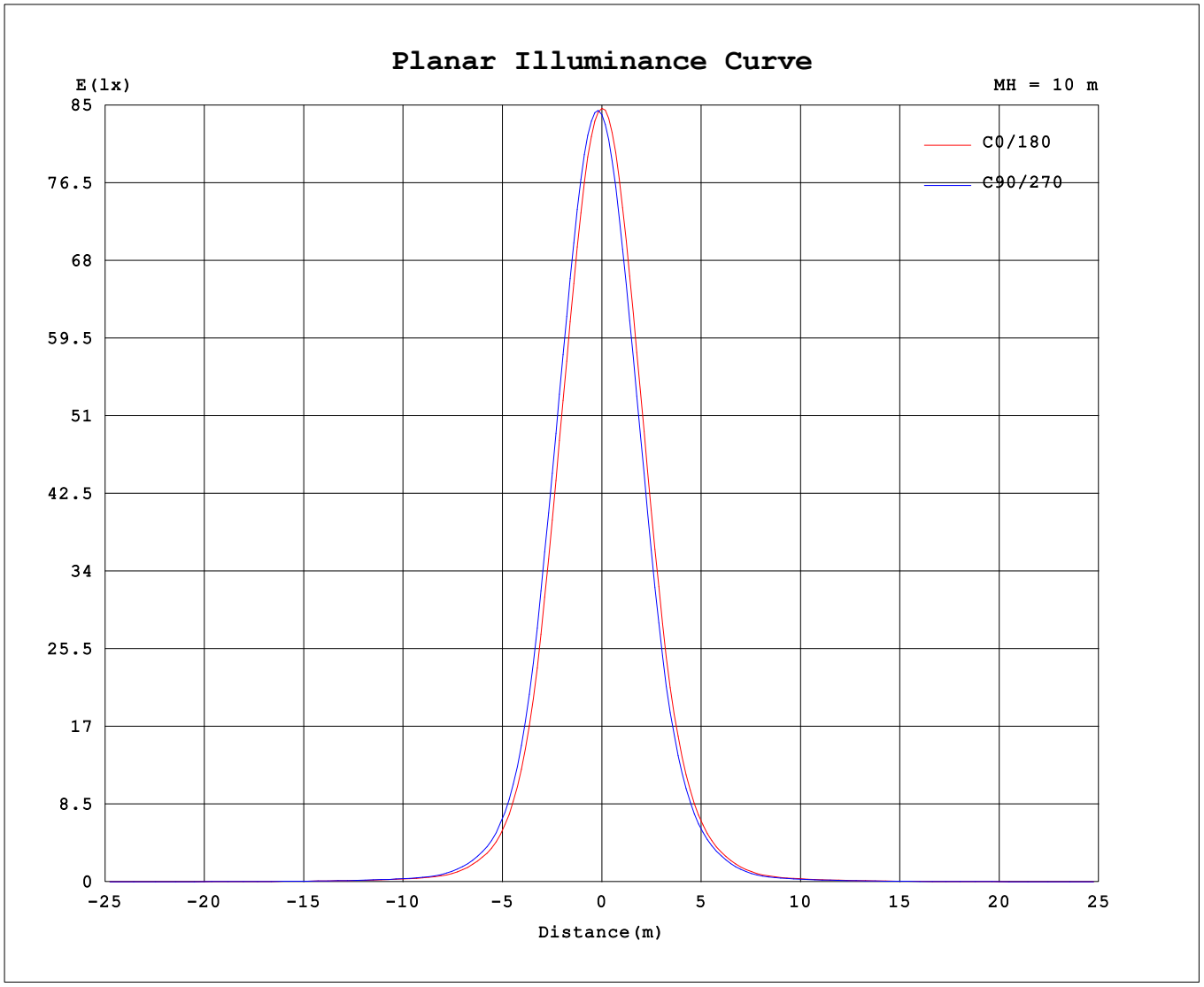
AvgL	cd/m2
L_0~180(65)av	22864
L_0~180(75)av	19414
L_0~180(85)av	14185
L_90~270(65)av	22756
L_90~270(75)av	19407
L_90~270(85)av	14167
L_45(65)av	22784
L_45(75)av	19358
L_45(85)av	14019

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-14

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:2023-11-14

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-10X2701-2700K RA90 24D WHITE

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:240.2V I:0.1461A P:34.8W PF:0.9927 Freq:49.99Hz UTHDi:0.41% ITHDi:39.84% KDisp:0.9961 Lamp Flux:2642.64x1 lm		
NAME: HCP-10X2701-2700K RA90 24D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

Table--1 UNIT: cd

C(DEG) / γ (DEG)	0	45	90	135	180	225	270	315
0	8412	8412	8412	8412	8412	8412	8412	8412
5	7692	7951	8066	7954	7738	7470	7373	7481
10	5930	6343	6491	6326	6029	5709	5578	5687
15	3898	4331	4487	4315	4015	3703	3583	3661
20	2049	2361	2480	2367	2198	2034	1948	1926
25	987	1157	1217	1193	1146	1071	1003	965
30	483	566	596	606	587	570	521	488
35	241	289	308	308	296	276	250	237
40	125	143	152	151	144	131	123	122
45	91.0	96.9	98.7	99.2	96.2	89.5	86.5	88.7
50	69.6	73.1	73.5	72.6	70.0	65.8	64.0	66.8
55	51.4	53.8	54.4	53.8	52.0	49.1	47.9	49.3
60	39.1	40.7	40.9	41.0	39.8	38.3	37.8	37.8
65	31.6	33.1	33.3	32.9	32.2	30.7	30.2	30.4
70	23.7	25.0	25.2	24.7	24.0	22.8	22.5	22.7
75	16.6	17.7	17.8	17.3	16.6	15.5	15.3	15.7
80	10.1	11.1	11.1	10.5	9.85	8.91	8.86	9.29
85	4.31	5.04	5.11	4.51	3.85	3.07	3.04	3.52
90	0.14	0.11	0.14	0.10	0.12	0.12	0.13	0.12

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-14

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-10X2701-2700K 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	8412	8412	8412	8412	8412	8412	8412	8412
3.0	8141	8309	8374	8314	8184	8003	7939	8005
6.0	7395	7694	7832	7690	7451	7156	7053	7159
9.0	6325	6715	6867	6697	6415	6094	5964	6078
12.0	5128	5561	5715	5541	5236	4915	4786	4879
15.0	3898	4331	4487	4315	4015	3703	3583	3661
18.0	2702	3087	3234	3090	2842	2607	2494	2522
21.0	1779	2075	2165	2086	1950	1796	1700	1673
24.0	1149	1337	1405	1373	1307	1223	1148	1097
27.0	730.6	856.3	916.0	899.2	872.4	827.5	765.0	715.3
30.0	482.7	565.8	595.7	606.4	586.6	569.7	521.4	487.5
33.0	324.4	383.0	403.9	407.6	393.8	375.8	342.3	322.4
36.0	206.8	249.3	266.9	264.9	253.6	232.8	214.7	202.6
39.0	138.0	161.1	171.9	171.8	163.0	147.3	136.6	134.9
42.0	107.1	118.1	123.2	123.6	118.9	109.6	104.2	105.1
45.0	91.04	96.91	98.67	99.18	96.19	89.50	86.53	88.65
48.0	77.79	81.73	82.98	82.30	79.58	74.12	72.14	74.95
51.0	65.59	69.00	69.19	68.29	65.75	62.05	60.25	63.03
54.0	54.49	57.30	57.83	57.07	54.98	51.94	50.65	52.40
57.0	45.80	47.76	48.31	47.99	46.44	44.05	43.07	43.97
60.0	39.11	40.66	40.95	40.98	39.82	38.26	37.77	37.84
63.0	34.94	36.02	36.19	36.17	35.84	34.09	33.47	33.77
66.0	29.92	31.35	31.59	31.19	30.54	29.04	28.60	28.82
69.0	25.22	26.57	26.75	26.29	25.61	24.30	23.96	24.18
72.0	20.78	22.04	22.15	21.64	20.97	19.77	19.57	19.82
75.0	16.59	17.73	17.80	17.28	16.57	15.46	15.35	15.67
78.0	12.63	13.65	13.69	13.13	12.44	11.43	11.38	11.75
81.0	8.924	9.819	9.869	9.250	8.580	7.665	7.626	8.080
84.0	5.415	6.189	6.253	5.639	4.984	4.160	4.133	4.604
87.0	2.177	2.836	2.923	2.346	1.723	1.001	0.9827	1.440
90.0	0.1370	0.1056	0.1385	0.1034	0.1172	0.1200	0.1349	0.1166

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: