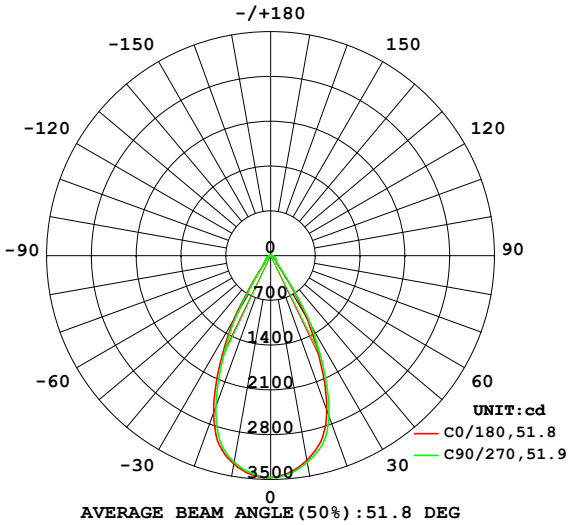
Photometric Filename: HCP-10X2701-2700K RA90 60D WHITE

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:240.3V I:0.1454A P:34.7W PF:0.9926 Freq:49.99Hz UTHDi:0.42% ITHDi:37.67% KDisp:0.9961 Lamp Flux:2575.24x1 lm		
NAME: HCP-10X2701-2700K RA90 60D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

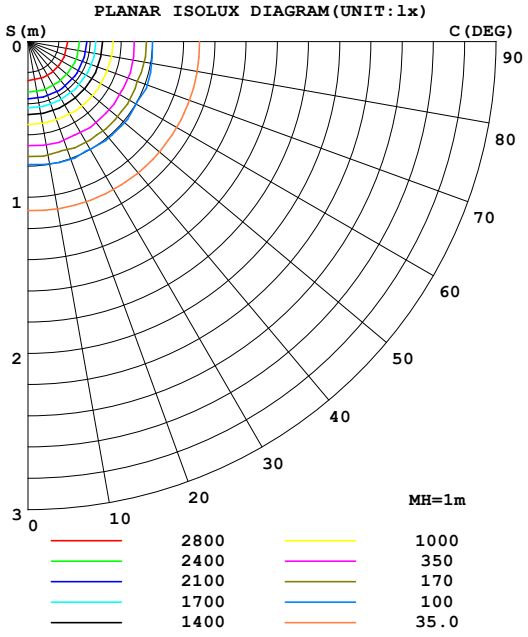
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 74.29 lm/W	
MODEL		Imax(cd)	3471	S/MH(C0/180)	0.78
NOMINAL POWER(W)	35	LOR(%)	100.0	S/MH(C90/270)	0.77
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	2575.2	η UP,DN(C0-180)	0.0,51.3
NOMINAL FLUX(lm)	2575.24	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,48.7
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	240.29	η down(%)	100.0	CIBSE SHR MAX	0.80

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):51.8 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	3250	3268	3283	3296	3309	3292	3280	3266	0- 10	322.0	322.0	12.5,12.5
20	2572	2615	2669	2655	2612	2511	2506	2553	10- 20	842.5	1164	45.2,45.2
30	1154	1245	1268	1216	1151	1054	1036	1093	20- 30	846.4	2011	78.1,78.1
40	155.7	165.8	172.9	166.5	162.0	156.1	151.8	152.6	30- 40	299.3	2310	89.7,89.7
50	96.49	100.3	100.5	100.4	99.55	95.02	93.81	94.08	40- 50	96.67	2407	93.5,93.5
60	65.79	68.55	69.43	69.71	68.75	66.10	65.13	64.86	50- 60	72.27	2479	96.3,96.3
70	43.43	45.88	46.23	45.03	43.11	40.32	40.14	41.38	60- 70	55.39	2534	98.4,98.4
80	18.95	20.95	20.80	19.30	17.72	15.87	16.03	17.27	70- 80	32.19	2567	99.7,99.7
90	0.1716	0.1449	0.1678	0.1491	0.1704	0.1818	0.1920	0.1756	80- 90	8.584	2575	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): 2362 lm

%lum = 91.7%
%lamp = 91.7%

Conical surface Flux(130deg): 2509.3 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:

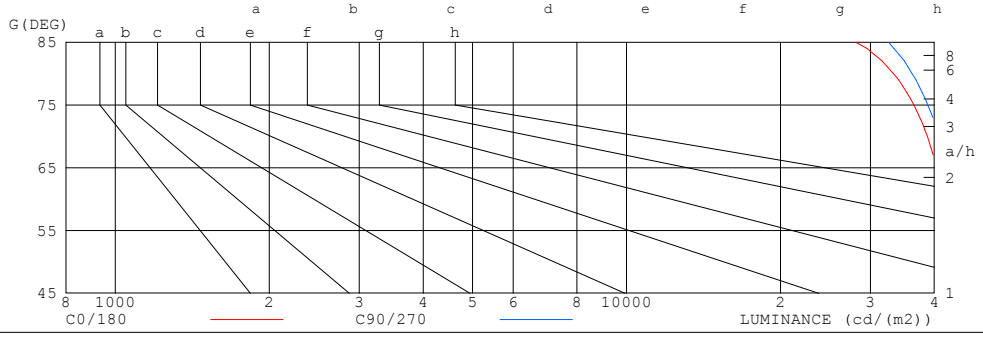
Photometric Filename: HCP-10X2701-2700K RA90 60D WHITE

LUMINANCE LIMITATION CURVES

Test:U:240.3V I:0.1454A P:34.7W PF:0.9926 Freq:49.99Hz **UTHDi:0.42% ITHDi:37.67% KDisp:0.9961 Lamp Flux:2575.24x1 lm**		
NAME: HCP-10X2701-2700K 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	28087	32563
80	33303	36206
75	36480	38851
70	38756	40849
65	40378	42443
60	40156	41963
55	41819	43386
50	45812	47254
45	52789	55424

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-10X2701-2700K RA90 60D WHITE

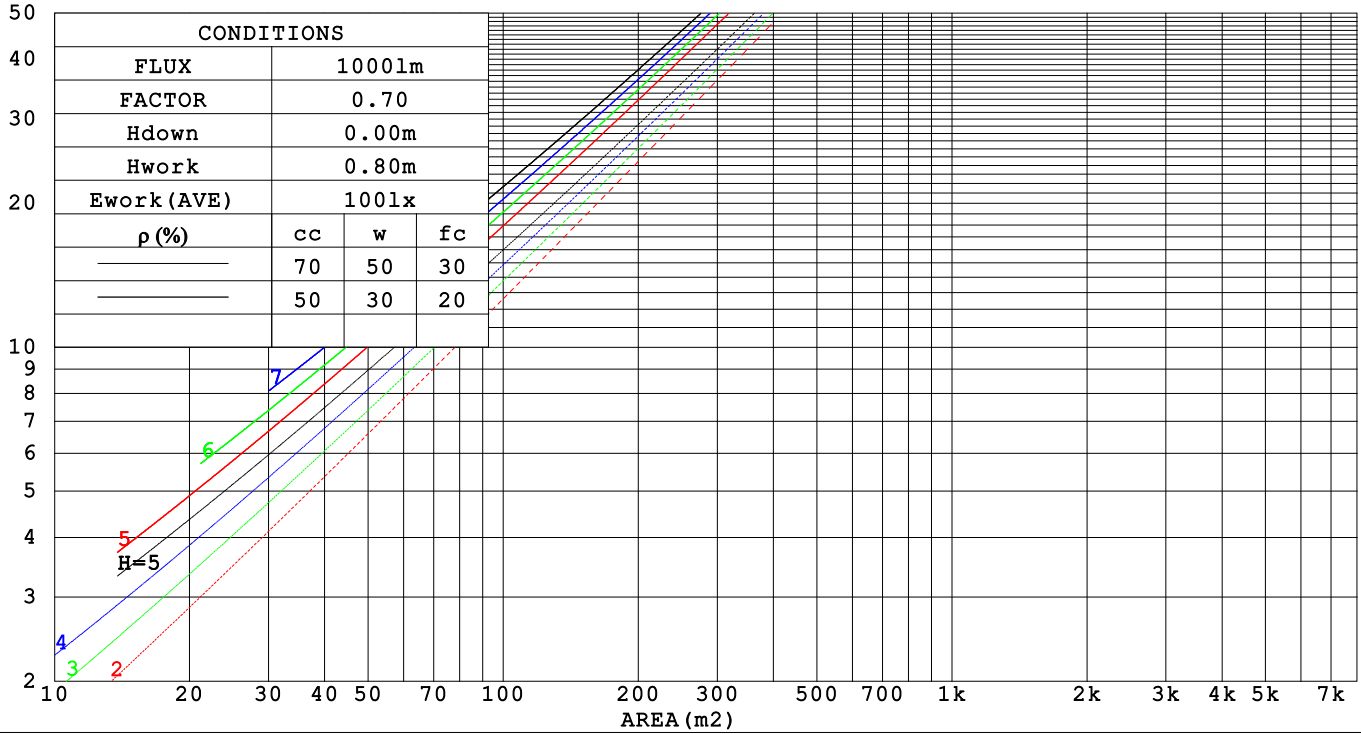
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:240.3V I:0.1454A P:34.7W PF:0.9926 Freq:49.99Hz UTHDi:0.42% ITHDi:37.67% KDisp:0.9961 Lamp Flux:2575.24x1 lm		
NAME: HCP-10X2701-2700K 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	.94	.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-10X2701-2700K RA90 60D WHITE

WEC AND CCEC

Test:U:240.3V I:0.1454A P:34.7W PF:0.9926 Freq:49.99Hz UTHDi:0.42% ITHDi:37.67% KDisp:0.9961 Lamp Flux:2575.24x1 lm		
NAME: HCP-10X2701-2700K 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	.084	.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	.115	.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-10X2701-2700K RA90 60D WHITE

UGR(Unified Glare Rating) Table

Test:U:240.3V I:0.1454A P:34.7W PF:0.9926 Freq:49.99Hz UTHDi:0.42% ITHDi:37.67% KDisp:0.9961 Lamp Flux:2575.24x1 lm		
NAME: HCP-10X2701-2700K 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	22.0	23.0	22.3	23.2	23.3	22.5	23.5	22.8	23.7	23.8
3H	23.0	23.9	23.2	24.1	24.3	23.4	24.3	23.7	24.5	24.7
4H	23.4	24.2	23.7	24.5	24.7	23.8	24.7	24.1	24.9	25.1
6H	23.8	24.5	24.1	24.8	25.0	24.2	25.0	24.5	25.2	25.5
8H	23.9	24.6	24.2	24.9	25.1	24.3	25.1	24.6	25.3	25.6
12H	23.9	24.6	24.3	24.9	25.2	24.4	25.1	24.7	25.4	25.6
4H 2H	22.4	23.2	22.6	23.4	23.6	22.8	23.6	23.1	23.8	24.1
3H	23.6	24.3	23.9	24.5	24.8	23.9	24.6	24.2	24.9	25.2
4H	24.1	24.8	24.5	25.1	25.4	24.5	25.1	24.8	25.4	25.7
6H	24.6	25.2	25.0	25.5	25.9	25.0	25.5	25.3	25.9	26.2
8H	24.8	25.3	25.2	25.7	26.0	25.1	25.7	25.5	26.0	26.4
12H	24.9	25.4	25.3	25.7	26.1	25.2	25.7	25.7	26.1	26.5
8H 4H	24.4	24.9	24.8	25.2	25.6	24.7	25.2	25.1	25.6	25.9
6H	25.0	25.4	25.4	25.8	26.2	25.3	25.7	25.7	26.1	26.5
8H	25.2	25.6	25.7	26.0	26.5	25.5	25.9	26.0	26.3	26.8
12H	25.4	25.7	25.8	26.2	26.6	25.7	26.1	26.2	26.5	27.0
12H 4H	24.4	24.9	24.8	25.2	25.6	24.7	25.2	25.1	25.5	25.9
6H	25.0	25.4	25.5	25.8	26.3	25.3	25.7	25.8	26.1	26.6
8H	25.3	25.6	25.8	26.1	26.5	25.6	25.9	26.1	26.4	26.9
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.3 / - 0.3					+ 0.5 / - 0.4				
1.5H	+ 0.4 / - 0.3					+ 0.9 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.3 / - 0.3				

CIE Pub.117, 2575 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 3.3)
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-10X2701-2700K RA90 60D WHITE

UTILIZATION FACTORS TABLE

Test:U:240.3V I:0.1454A P:34.7W PF:0.9926 Freq:49.99Hz UTHDi:0.42% ITHDi:37.67% KDisp:0.9961 Lamp Flux:2575.24x1 lm		
NAME: HCP-10X2701-2700K 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	85	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	

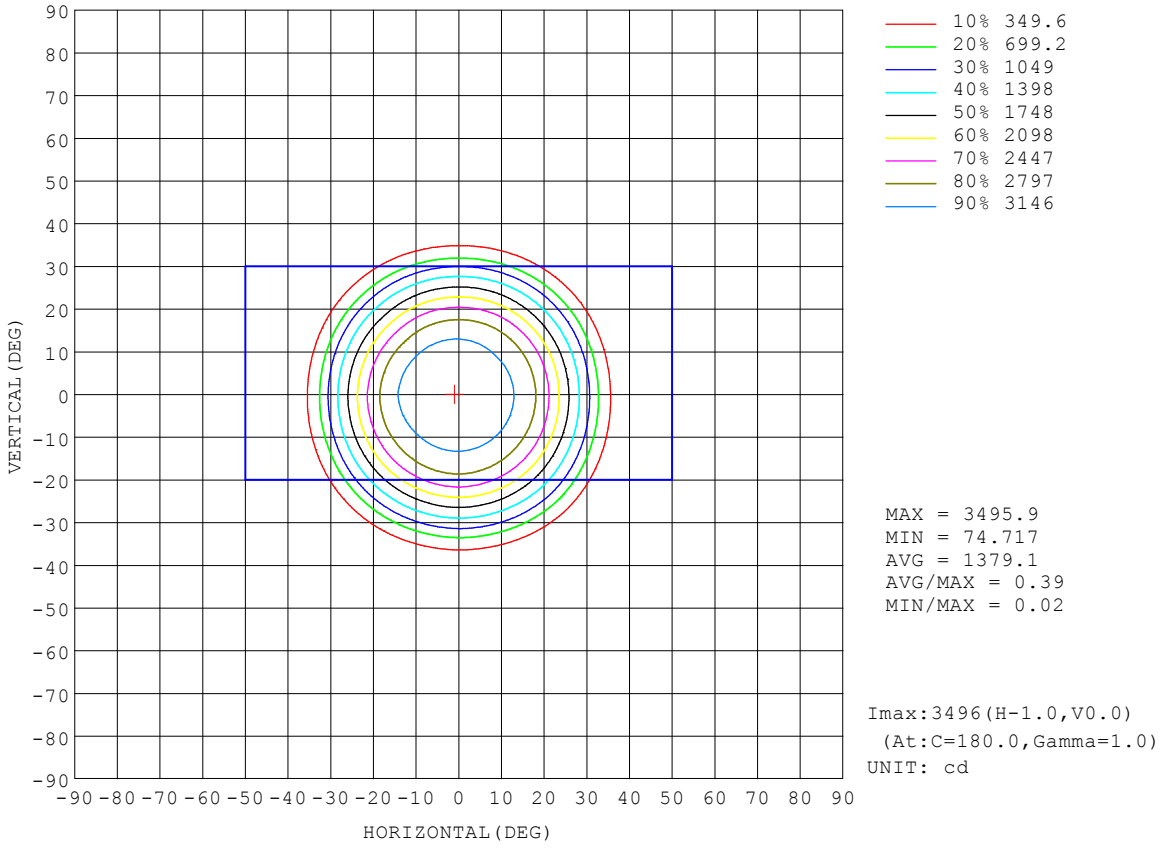
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-15

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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 60D WHITE

ISOCANDELA DIAGRAM

Test:U:240.3V I:0.1454A P:34.7W PF:0.9926 Freq:49.99Hz UTHDi:0.42% ITHDi:37.67% KDisp:0.9961 Lamp Flux:2575.24x1 lm		
NAME: HCP-10X2701-2700K 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
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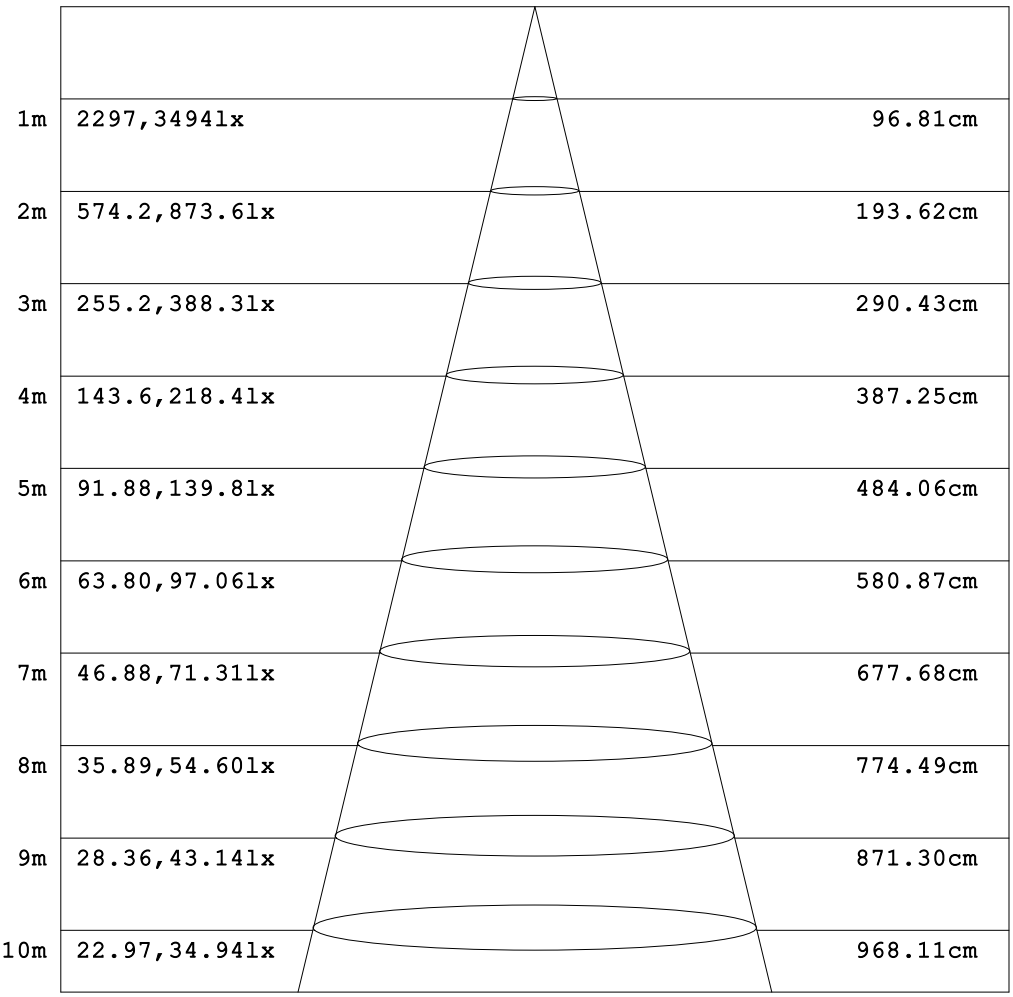
γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks:

Photometric Filename: HCP-10X2701-2700K RA90 60D WHITE

AAI Figure

Test:U:240.3V I:0.1454A P:34.7W PF:0.9926 Freq:49.99Hz UTHDi:0.42% ITHDi:37.67% KDisp:0.9961 Lamp Flux:2575.24x1 lm		
NAME: HCP-10X2701-2700K RA90 60D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

Flux out:1717 lm



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

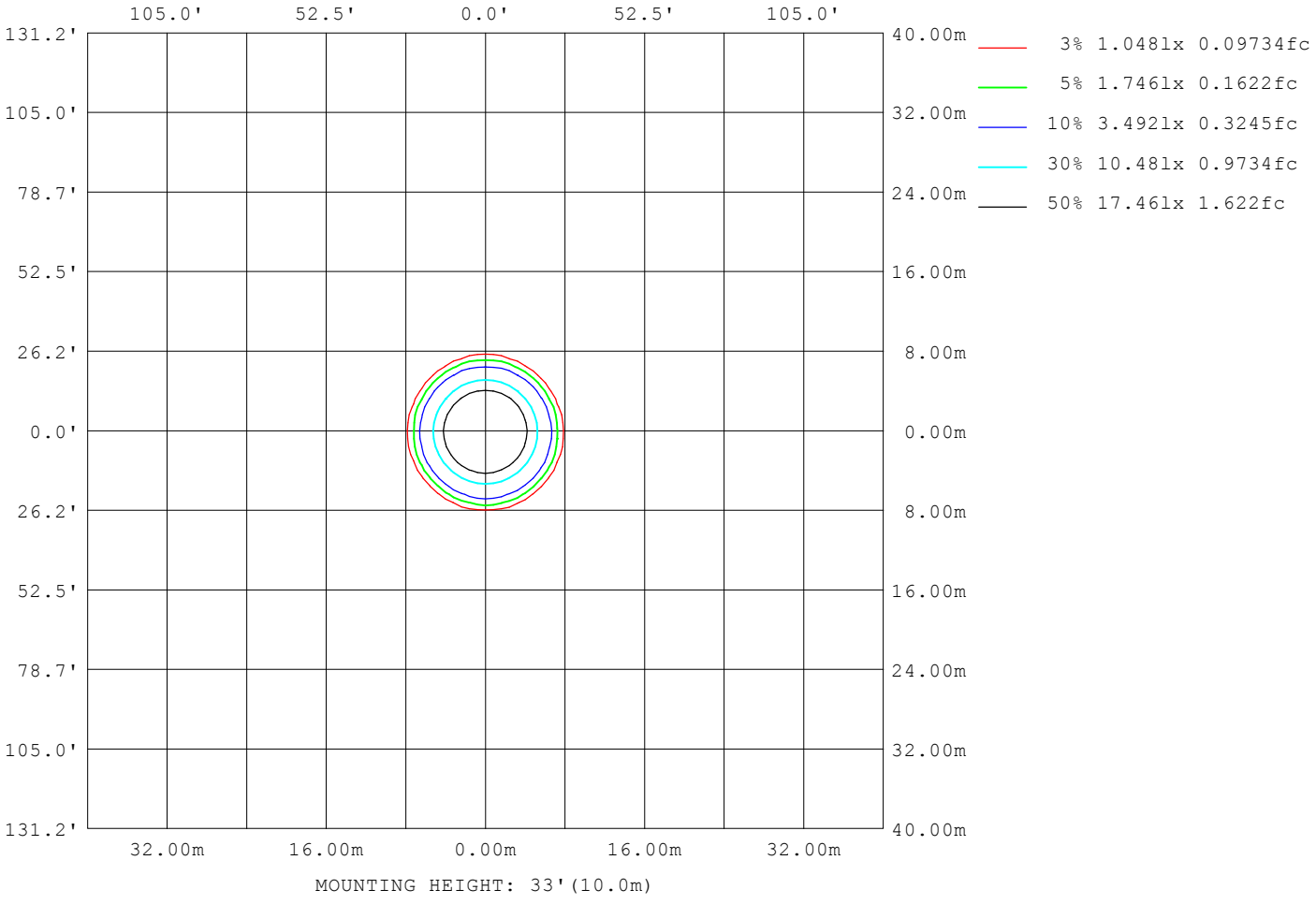
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-15

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-10X2701-2700K RA90 60D WHITE

ISOLUX DIAGRAM

Test:U:240.3V I:0.1454A P:34.7W PF:0.9926 Freq:49.99Hz **UTHDi:0.42% ITHDi:37.67% KDisp:0.9961 Lamp Flux:2575.24x1 lm**		
NAME: HCP-10X2701-2700K 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:0.1454A P:34.7W PF:0.9926 Freq:49.99Hz UTHDi:0.42% ITHDi:37.67% KDisp:0.9961 Lamp Flux:2575.24x1 lm		
NAME: HCP-10X2701-2700K RA90 60D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

AvgL	cd/m2
L_0~180(65)av	40441
L_0~180(75)av	35614
L_0~180(85)av	25767
L_90~270(65)av	40402
L_90~270(75)av	35623
L_90~270(85)av	26208
L_45(65)av	40377
L_45(75)av	35568
L_45(85)av	25829

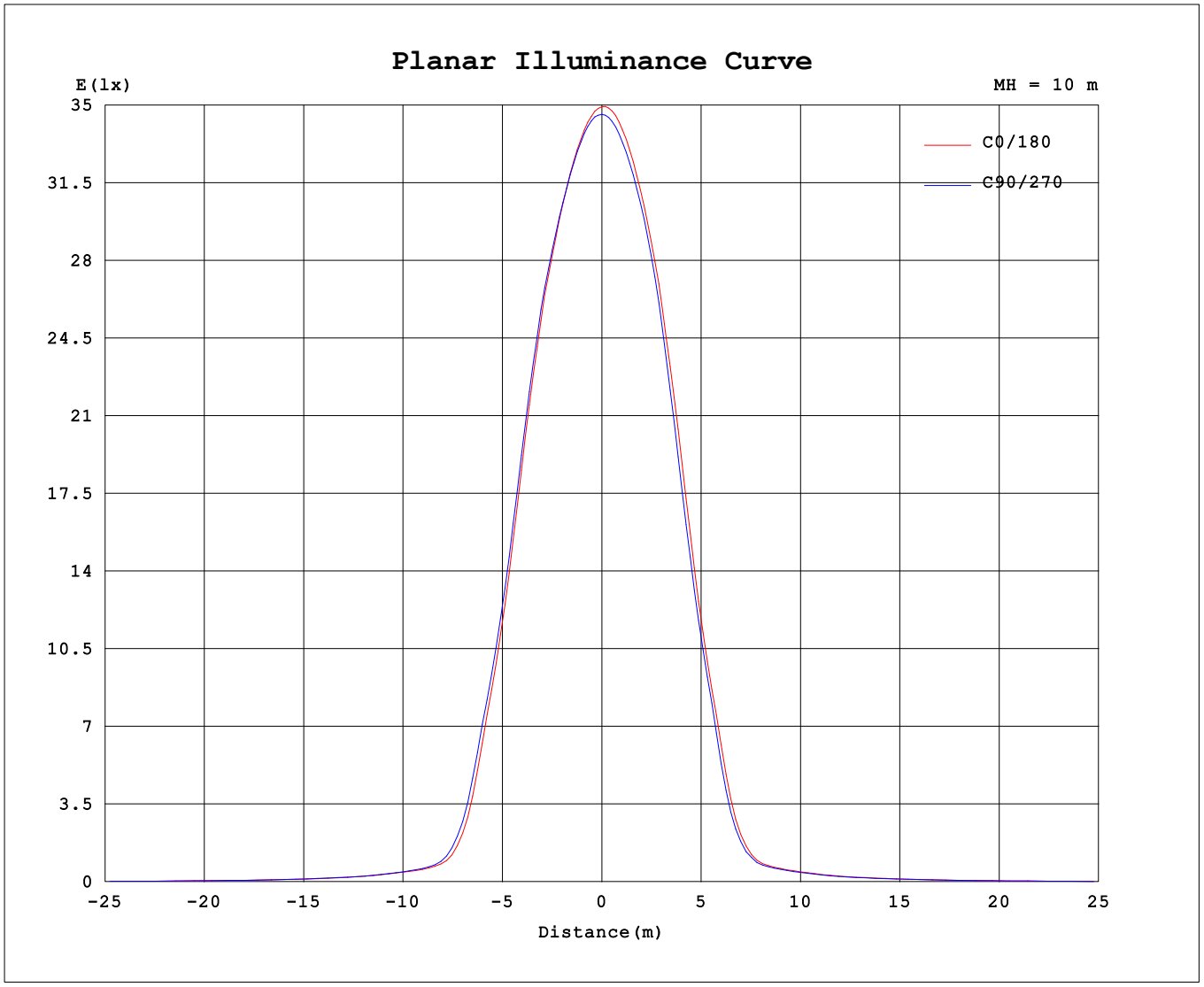
Standard: GB/T 29293-2012

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:

Photometric Filename: HCP-10X2701-2700K RA90 60D WHITE

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-10X2701-2700K RA90 60D WHITE

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:240.3V I:0.1454A P:34.7W PF:0.9926 Freq:49.99Hz UTHDi:0.42% ITHDi:37.67% KDisp:0.9961 Lamp Flux:2575.24x1 lm		
NAME: HCP-10X2701-2700K RA90 60D 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	3468	3468	3468	3468	3468	3468	3468	3468
5	3403	3410	3421	3429	3438	3430	3417	3408
10	3250	3268	3283	3296	3309	3292	3280	3266
15	3016	3037	3077	3091	3080	3031	3033	3036
20	2572	2615	2669	2655	2612	2511	2506	2553
25	1857	1932	1974	1945	1887	1767	1773	1806
30	1154	1245	1268	1216	1151	1054	1036	1093
35	398	489	496	437	387	341	333	351
40	156	166	173	167	162	156	152	153
45	122	128	130	129	128	121	121	120
50	96.5	100	101	100	99.6	95.0	93.8	94.1
55	78.6	81.2	82.3	82.5	82.0	78.7	77.6	77.2
60	65.8	68.5	69.4	69.7	68.8	66.1	65.1	64.9
65	55.9	58.6	59.4	58.6	56.9	53.9	53.3	54.1
70	43.4	45.9	46.2	45.0	43.1	40.3	40.1	41.4
75	30.9	33.2	33.3	31.8	29.9	27.6	27.6	28.9
80	18.9	21.0	20.8	19.3	17.7	15.9	16.0	17.3
85	8.02	9.48	9.39	8.00	6.80	5.47	5.68	6.77
90	0.17	0.14	0.17	0.15	0.17	0.18	0.19	0.18

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-10X2701-2700K 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	3468	3468	3468	3468	3468	3468	3468	3468
3.0	3440	3443	3453	3456	3464	3458	3449	3443
6.0	3378	3388	3399	3408	3419	3413	3396	3387
9.0	3289	3303	3315	3328	3344	3327	3314	3302
12.0	3168	3188	3211	3227	3232	3207	3201	3187
15.0	3016	3037	3077	3091	3080	3031	3033	3036
18.0	2783	2814	2868	2864	2830	2748	2748	2781
21.0	2453	2499	2544	2540	2489	2374	2361	2414
24.0	2012	2081	2125	2100	2045	1926	1922	1968
27.0	1564	1632	1681	1638	1577	1489	1483	1516
30.0	1154	1245	1268	1216	1151	1054	1036	1093
33.0	651.8	771.8	795.2	703.4	628.9	557.2	533.8	580.4
36.0	308.7	375.9	389.7	338.6	301.8	268.6	257.6	275.5
39.0	170.3	189.0	197.3	184.0	175.3	167.2	162.0	164.2
42.0	138.6	145.0	148.5	147.4	145.8	140.2	137.6	136.4
45.0	122.3	127.8	129.7	129.0	127.9	121.4	121.1	120.2
48.0	107.4	113.1	113.6	111.7	109.7	103.2	102.7	103.7
51.0	92.18	95.83	96.66	96.48	95.58	91.39	90.05	90.30
54.0	81.64	84.48	85.57	85.43	85.04	81.55	80.29	79.92
57.0	73.13	75.76	76.87	77.08	76.36	73.32	72.32	71.97
60.0	65.79	68.55	69.43	69.71	68.75	66.10	65.13	64.86
63.0	60.43	62.77	63.79	63.83	62.67	59.57	58.92	59.25
66.0	53.43	56.02	56.64	55.86	54.16	51.16	50.67	51.60
69.0	45.95	48.41	48.84	47.72	45.85	42.99	42.73	43.89
72.0	38.41	40.83	41.02	39.65	37.73	35.10	34.99	36.32
75.0	30.94	33.24	33.27	31.76	29.90	27.57	27.58	28.95
78.0	23.65	25.78	25.70	24.15	22.47	20.41	20.55	21.84
81.0	16.63	18.59	18.40	16.91	15.41	13.67	13.84	15.06
84.0	10.11	11.68	11.54	10.13	8.841	7.421	7.620	8.752
87.0	4.073	5.314	5.209	3.979	2.939	1.807	2.003	3.018
90.0	0.1716	0.1449	0.1678	0.1491	0.1704	0.1818	0.1920	0.1756

C Range: 0 - 360DEG
C Interval: 45.0DEG
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Operators:DAMIN
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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: