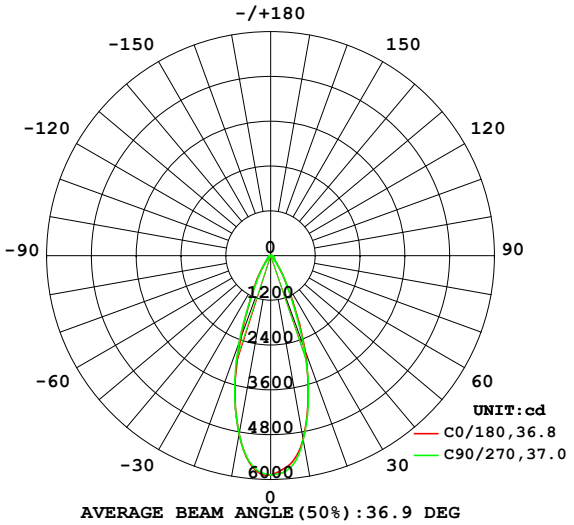
Photometric Filename: HCP-10X2701-4000K RA90 36D WHITE

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:240.3V I:0.1437A P:34.3W PF:0.9925 Freq:49.99Hz UTHDi:0.26% ITHDi:15.80% KDisp:0.9963 Lamp Flux:2730.81x1 lm		
NAME: HCP-10X2701-4000K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

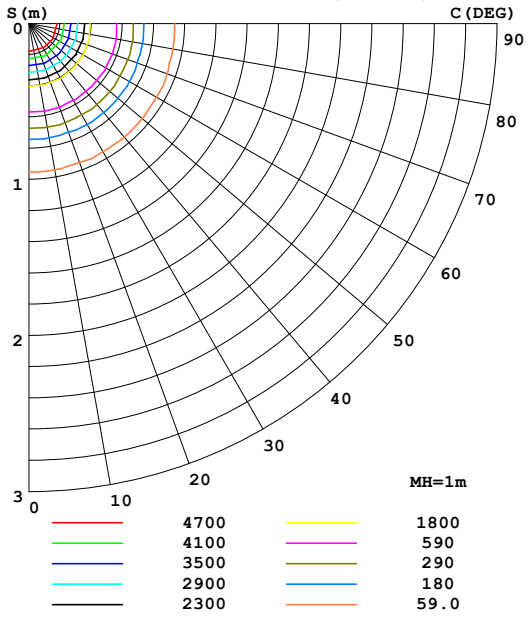
DATA OF LAMP		PHOTOMETRIC DATA			Eff: 79.69 lm/W
MODEL		Imax(cd)	5887	S/MH(C0/180)	0.57
NOMINAL POWER(W)	35	LOR(%)	100.0	S/MH(C90/270)	0.58
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	2730.8	η UP,DN(C0-180)	0.0,51.6
NOMINAL FLUX(lm)	2730.81	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,48.4
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	240.28	η down(%)	100.0	CIBSE SHR MAX	0.60

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):36.9 DEG

PLANAR ISOLUX DIAGRAM(UNIT:lx)



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-16

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-10X2701-4000K RA90 36D WHITE

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	5003	5076	5029	4941	4868	4855	4870	4922	0- 10	518.5	518.5	19,19
20	2716	2731	2616	2454	2351	2327	2458	2602	10- 20	1038	1556	57,57
30	778.4	861.7	800.3	741.2	720.1	683.7	672.8	683.8	20- 30	660.0	2216	81.2,81.2
40	205.1	215.1	192.9	180.5	172.2	173.0	183.3	196.0	30- 40	250.3	2466	90.3,90.3
50	111.4	109.0	101.4	97.05	94.74	96.31	103.7	109.6	40- 50	104.7	2571	94.2,94.2
60	67.89	66.06	62.76	60.75	59.57	60.17	63.79	67.04	50- 60	72.54	2644	96.8,96.8
70	42.73	41.65	38.76	36.44	35.22	35.81	38.96	41.69	60- 70	51.09	2695	98.7,98.7
80	18.97	18.13	15.83	13.98	13.22	13.81	16.06	18.06	70- 80	28.55	2723	99.7,99.7
90	0.2453	0.1355	0.1727	0.1581	0.1804	0.1721	0.1682	0.1446	80- 90	7.475	2731	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): 2523.9 lm

%lum = 92.4%
%lamp = 92.4%

Conical surface Flux(120deg): 2643.7 lm

%lum = 96.8%
%lamp = 96.8%

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-16

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:

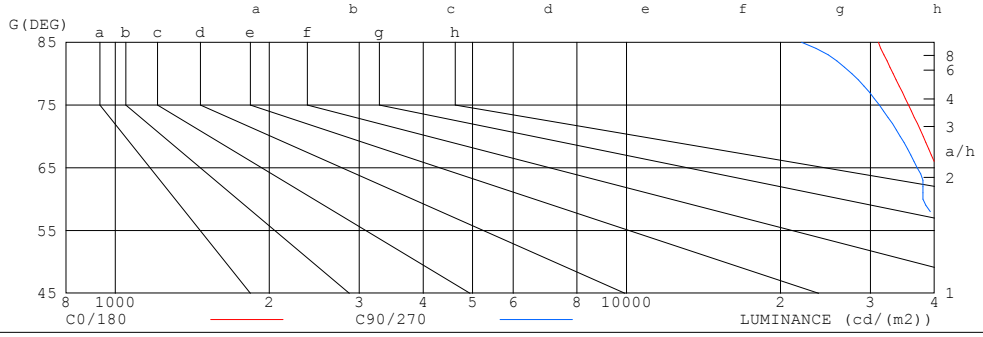
Photometric Filename: HCP-10X2701-4000K RA90 36D WHITE

LUMINANCE LIMITATION CURVES

Test:U:240.3V I:0.1437A P:34.3W PF:0.9925 Freq:49.99Hz **UTHDi:0.26% ITHDi:15.80% KDisp:0.9963 Lamp Flux:2730.81x1 lm**		
NAME: HCP-10X2701-4000K RA90 36D 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	31103	22002
80	33254	27588
75	35603	31216
70	38032	34305
65	40494	37008
60	41333	37989
55	45918	42230
50	52776	47733
45	60432	56552

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-16

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-10X2701-4000K RA90 36D WHITE

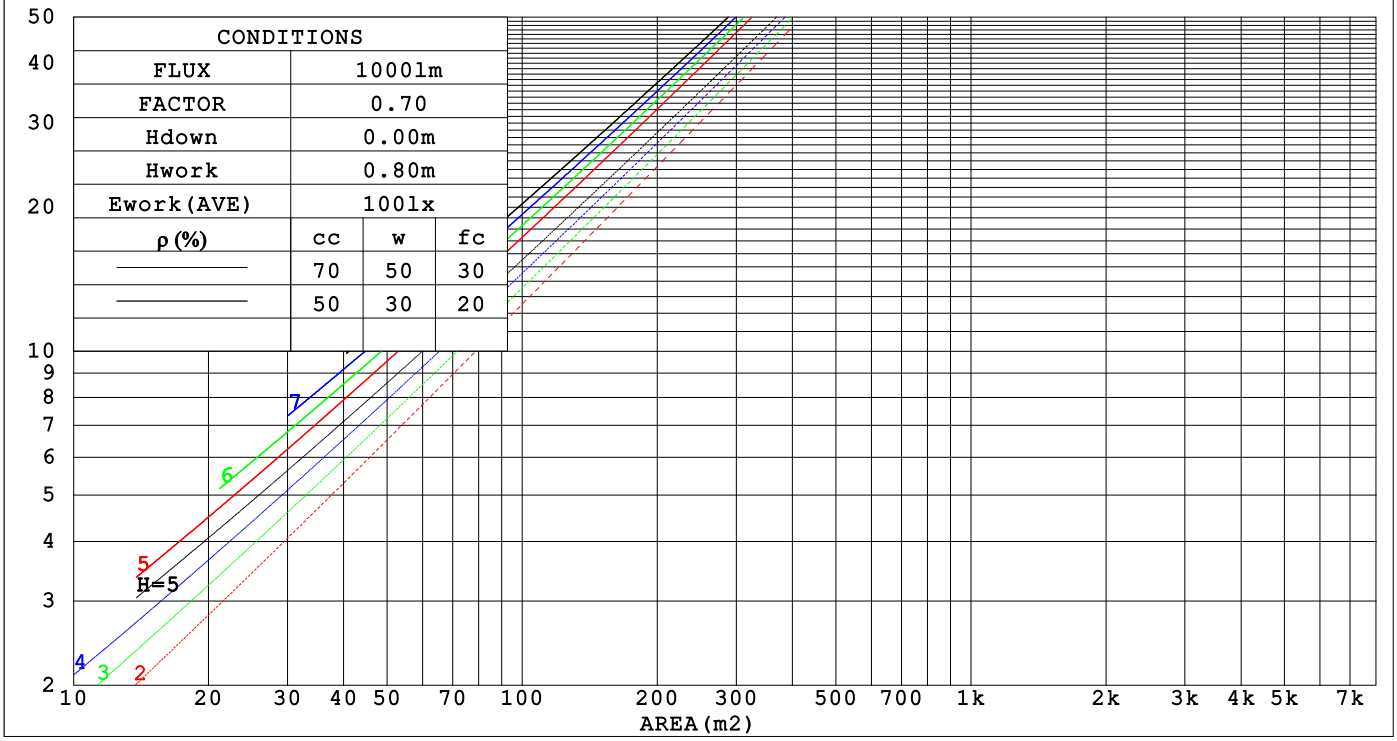
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:240.3V I:0.1437A P:34.3W PF:0.9925 Freq:49.99Hz UTHDi:0.26% ITHDi:15.80% KDisp:0.9963 Lamp Flux:2730.81x1 lm		
NAME: HCP-10X2701-4000K RA90 36D 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	1.11	1.09	1.06	1.09	1.07	1.05	1.05	1.03	1.01	1.01	.00	.98	.98	.97	.96	.94
2.0	1.04	.00	.97	1.02	.99	.96	.99	.96	.93	.96	.94	.91	.93	.91	.90	.88
3.0	.97	.93	.89	.96	.92	.88	.94	.90	.87	.91	.88	.86	.89	.86	.84	.83
4.0	.92	.87	.83	.91	.86	.82	.89	.85	.81	.87	.83	.81	.85	.82	.80	.78
5.0	.87	.82	.78	.86	.81	.77	.84	.80	.77	.83	.79	.76	.81	.78	.75	.74
6.0	.83	.77	.73	.82	.77	.73	.81	.76	.73	.79	.75	.72	.78	.74	.72	.70
7.0	.79	.73	.70	.78	.73	.69	.77	.72	.69	.76	.72	.69	.75	.71	.68	.67
8.0	.75	.70	.66	.75	.70	.66	.74	.69	.66	.73	.69	.66	.72	.68	.65	.64
9.0	.72	.67	.63	.72	.67	.63	.71	.66	.63	.70	.66	.63	.69	.65	.63	.61
10.0	.69	.64	.60	.69	.64	.60	.68	.63	.60	.67	.63	.60	.66	.63	.60	.59

LAMPS

LUMINAIRE BUDGETARY DIAGRAM



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-16

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-10X2701-4000K RA90 36D WHITE

WEC AND CCEC

Test:U:240.3V I:0.1437A P:34.3W PF:0.9925 Freq:49.99Hz UTHDi:0.26% ITHDi:15.80% KDisp:0.9963 Lamp Flux:2730.81x1 lm		
NAME: HCP-10X2701-4000K RA90 36D 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	.174	.099	.031	.168	.096	.030	.155	.089	.028	.144	.083	.027	.133	.077	.025	
2.0	.164	.090	.028	.158	.087	.027	.148	.082	.026	.138	.077	.024	.129	.073	.023	
3.0	.154	.082	.025	.149	.080	.024	.140	.076	.023	.132	.072	.022	.124	.069	.021	
4.0	.145	.075	.022	.141	.074	.022	.133	.070	.021	.126	.068	.020	.119	.065	.020	
5.0	.136	.069	.020	.133	.068	.020	.126	.066	.019	.120	.063	.019	.114	.061	.018	
6.0	.129	.065	.019	.126	.064	.018	.120	.062	.018	.115	.060	.018	.110	.058	.017	
7.0	.122	.060	.017	.120	.060	.017	.115	.058	.017	.110	.056	.016	.105	.055	.016	
8.0	.116	.057	.016	.114	.056	.016	.110	.055	.016	.105	.053	.015	.101	.052	.015	
9.0	.111	.054	.015	.109	.053	.015	.105	.052	.015	.101	.051	.015	.098	.050	.014	
10.0	.106	.051	.014	.104	.050	.014	.101	.049	.014	.097	.048	.014	.094	.047	.014	

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	.171	.157	.145	.146	.135	.125	.100	.093	.086	.058	.054	.050	.018	.017	.016	
2.0	.155	.133	.113	.133	.114	.098	.091	.079	.068	.053	.046	.040	.017	.015	.013	
3.0	.142	.114	.091	.122	.098	.079	.084	.068	.055	.048	.040	.033	.016	.013	.011	
4.0	.131	.099	.074	.112	.085	.064	.077	.059	.045	.045	.035	.027	.014	.011	.009	
5.0	.122	.087	.061	.104	.075	.053	.072	.052	.038	.042	.031	.022	.013	.010	.007	
6.0	.114	.077	.051	.098	.067	.045	.067	.047	.032	.039	.028	.019	.013	.009	.006	
7.0	.107	.070	.044	.092	.060	.038	.063	.042	.027	.037	.025	.016	.012	.008	.005	
8.0	.100	.063	.038	.086	.055	.033	.060	.038	.023	.035	.023	.014	.011	.007	.005	
9.0	.095	.058	.033	.082	.050	.028	.057	.035	.020	.033	.021	.012	.011	.007	.004	
10.0	.090	.053	.029	.078	.046	.025	.054	.033	.018	.031	.019	.011	.010	.006	.004	

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-16

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-10X2701-4000K RA90 36D WHITE

UGR(Unified Glare Rating) Table

Test:U:240.3V I:0.1437A P:34.3W PF:0.9925 Freq:49.99Hz UTHDi:0.26% ITHDi:15.80% KDisp:0.9963 Lamp Flux:2730.81x1 lm		
NAME: HCP-10X2701-4000K RA90 36D 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	22.7	22.9	21.5	22.3	21.7	22.5	22.7
3H	22.6	23.4	22.9	23.6	23.8	22.3	23.1	22.6	23.3	23.5
4H	23.1	23.8	23.3	24.0	24.3	22.7	23.5	23.0	23.7	23.9
6H	23.4	24.1	23.7	24.4	24.6	23.0	23.7	23.3	23.9	24.2
8H	23.5	24.2	23.8	24.5	24.7	23.1	23.7	23.4	24.0	24.3
12H	23.6	24.3	23.9	24.5	24.8	23.1	23.8	23.4	24.0	24.3
4H 2H	22.0	22.8	22.3	23.0	23.2	21.8	22.6	22.1	22.8	23.0
3H	23.2	23.8	23.5	24.1	24.4	22.9	23.6	23.2	23.8	24.1
4H	23.7	24.3	24.0	24.6	24.9	23.4	24.0	23.7	24.3	24.6
6H	24.2	24.7	24.5	25.0	25.4	23.8	24.3	24.1	24.6	25.0
8H	24.3	24.8	24.7	25.2	25.6	23.9	24.4	24.3	24.7	25.1
12H	24.5	24.9	24.9	25.3	25.7	24.0	24.4	24.4	24.8	25.2
8H 4H	23.9	24.4	24.3	24.7	25.1	23.6	24.1	24.0	24.4	24.8
6H	24.5	24.9	24.9	25.3	25.7	24.1	24.5	24.5	24.9	25.3
8H	24.7	25.1	25.1	25.5	25.9	24.3	24.6	24.7	25.1	25.5
12H	24.9	25.2	25.4	25.7	26.1	24.4	24.7	24.9	25.2	25.6
12H 4H	23.9	24.3	24.3	24.7	25.1	23.6	24.0	24.0	24.4	24.8
6H	24.5	24.9	24.9	25.3	25.7	24.1	24.5	24.6	24.9	25.4
8H	24.8	25.1	25.2	25.5	26.0	24.4	24.7	24.8	25.1	25.6
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.5 / - 0.5					+ 0.5 / - 0.6				
1.5H	+ 0.9 / - 0.4					+ 0.9 / - 0.5				
2.0H	+ 0.5 / - 0.4					+ 0.5 / - 0.5				

CIE Pub.117, 2731 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 3.5)
Area: 0.0033 m2

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-16

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-10X2701-4000K RA90 36D WHITE

UTILIZATION FACTORS TABLE

Test:U:240.3V I:0.1437A P:34.3W PF:0.9925 Freq:49.99Hz UTHDi:0.26% ITHDi:15.80% KDisp:0.9963 Lamp Flux:2730.81x1 lm		
NAME: HCP-10X2701-4000K RA90 36D 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	86	79	75	85	79	75	84	78	75	71
0.80	93	87	83	92	87	83	91	86	82	79
1.00	98	92	88	97	91	88	95	91	87	83
1.25	102	96	92	101	96	92	99	94	91	87
1.50	105	99	96	103	99	95	101	97	94	90
2.00	107	103	100	106	102	99	103	100	97	92
2.50	109	105	102	108	104	101	105	102	99	93
3.00	111	107	104	109	106	103	106	103	101	95
4.00	113	110	108	111	109	106	108	105	104	97
5.00	115	112	110	112	110	109	108	107	105	98
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended					SHRNOM = 1.25	

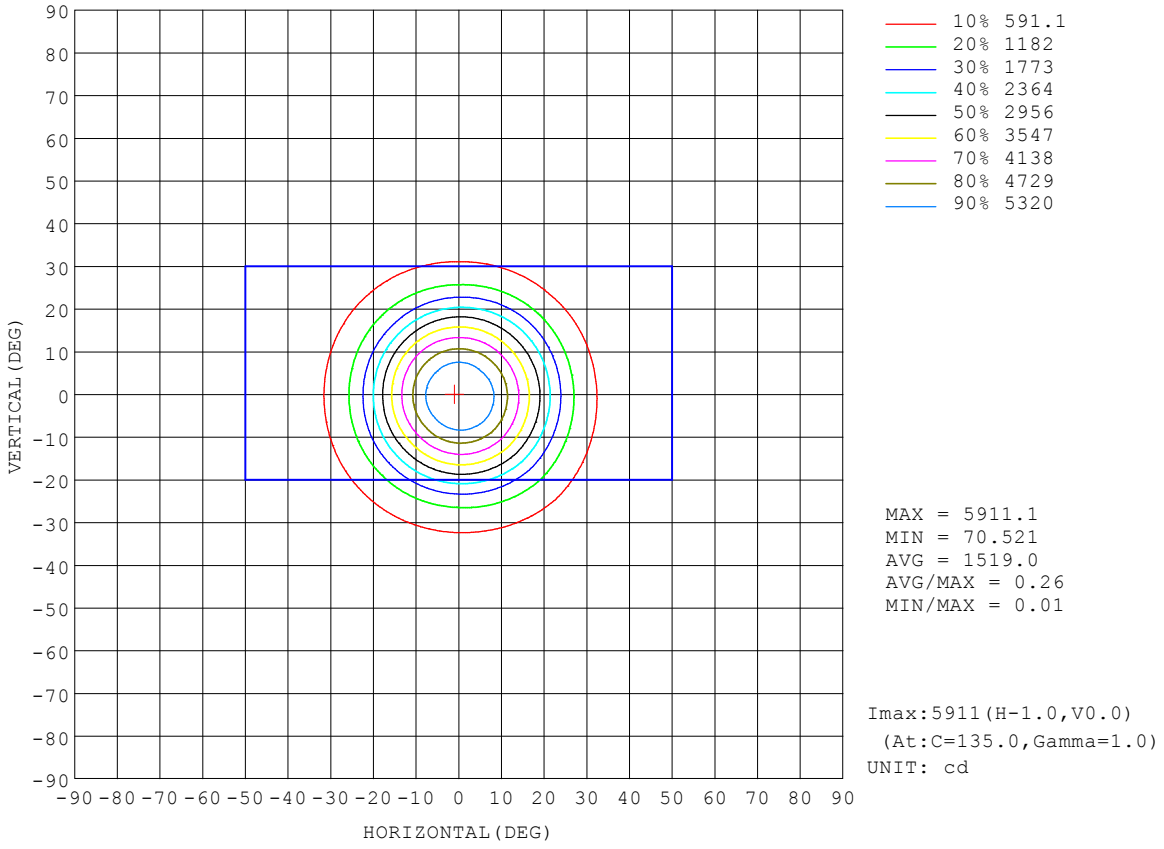
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-16

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-10X2701-4000K RA90 36D WHITE

ISOCANDELA DIAGRAM

Test:U:240.3V I:0.1437A P:34.3W PF:0.9925 Freq:49.99Hz UTHDi:0.26% ITHDi:15.80% KDisp:0.9963 Lamp Flux:2730.81x1 lm		
NAME: HCP-10X2701-4000K RA90 36D 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:2023-11-16

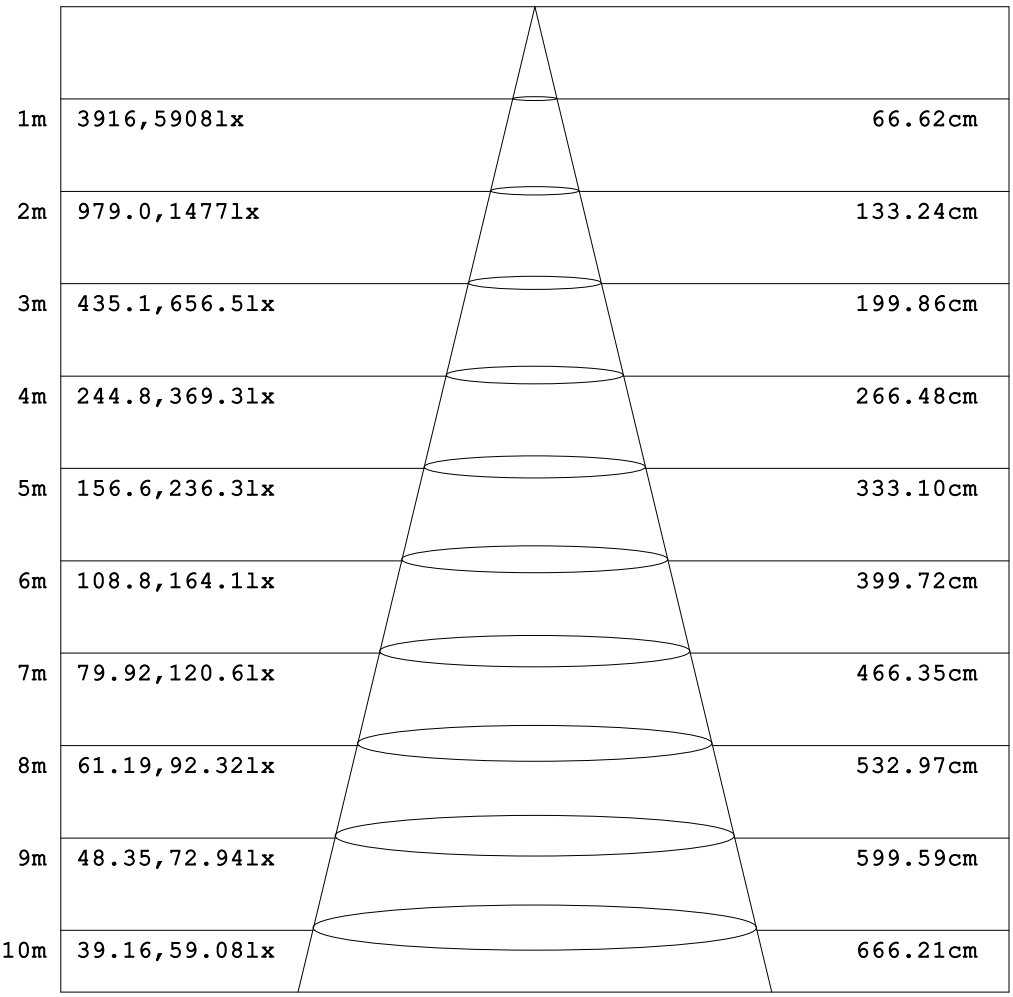
γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks:

Photometric Filename: HCP-10X2701-4000K RA90 36D WHITE

AAI Figure

Test:U:240.3V I:0.1437A P:34.3W PF:0.9925 Freq:49.99Hz UTHDi:0.26% ITHDi:15.80% KDisp:0.9963 Lamp Flux:2730.81x1 lm		
NAME: HCP-10X2701-4000K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

Flux out:1459 lm



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

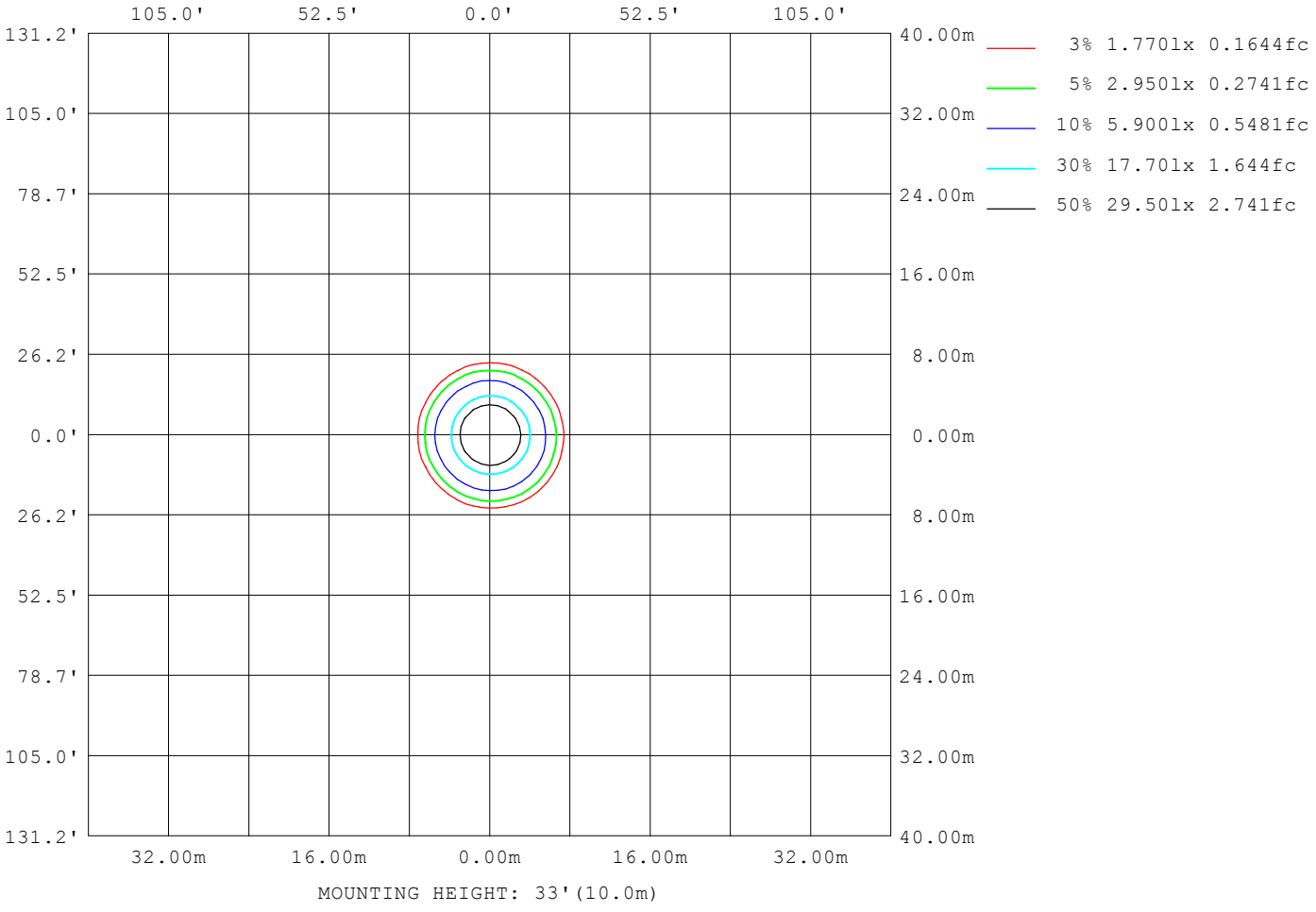
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-16

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-10X2701-4000K RA90 36D WHITE

ISOLUX DIAGRAM

Test:U:240.3V I:0.1437A P:34.3W PF:0.9925 Freq:49.99Hz **UTHDi:0.26% ITHDi:15.80% KDisp:0.9963 Lamp Flux:2730.81x1 lm**		
NAME: HCP-10X2701-4000K RA90 36D 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:2023-11-16

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:0.1437A P:34.3W PF:0.9925 Freq:49.99Hz UTHDi:0.26% ITHDi:15.80% KDisp:0.9963 Lamp Flux:2730.81x1 lm		
NAME: HCP-10X2701-4000K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

AvgL	cd/m2
L_0~180(65)av	37255
L_0~180(75)av	31567
L_0~180(85)av	22578
L_90~270(65)av	37187
L_90~270(75)av	31363
L_90~270(85)av	22188
L_45(65)av	37236
L_45(75)av	31461
L_45(85)av	22293

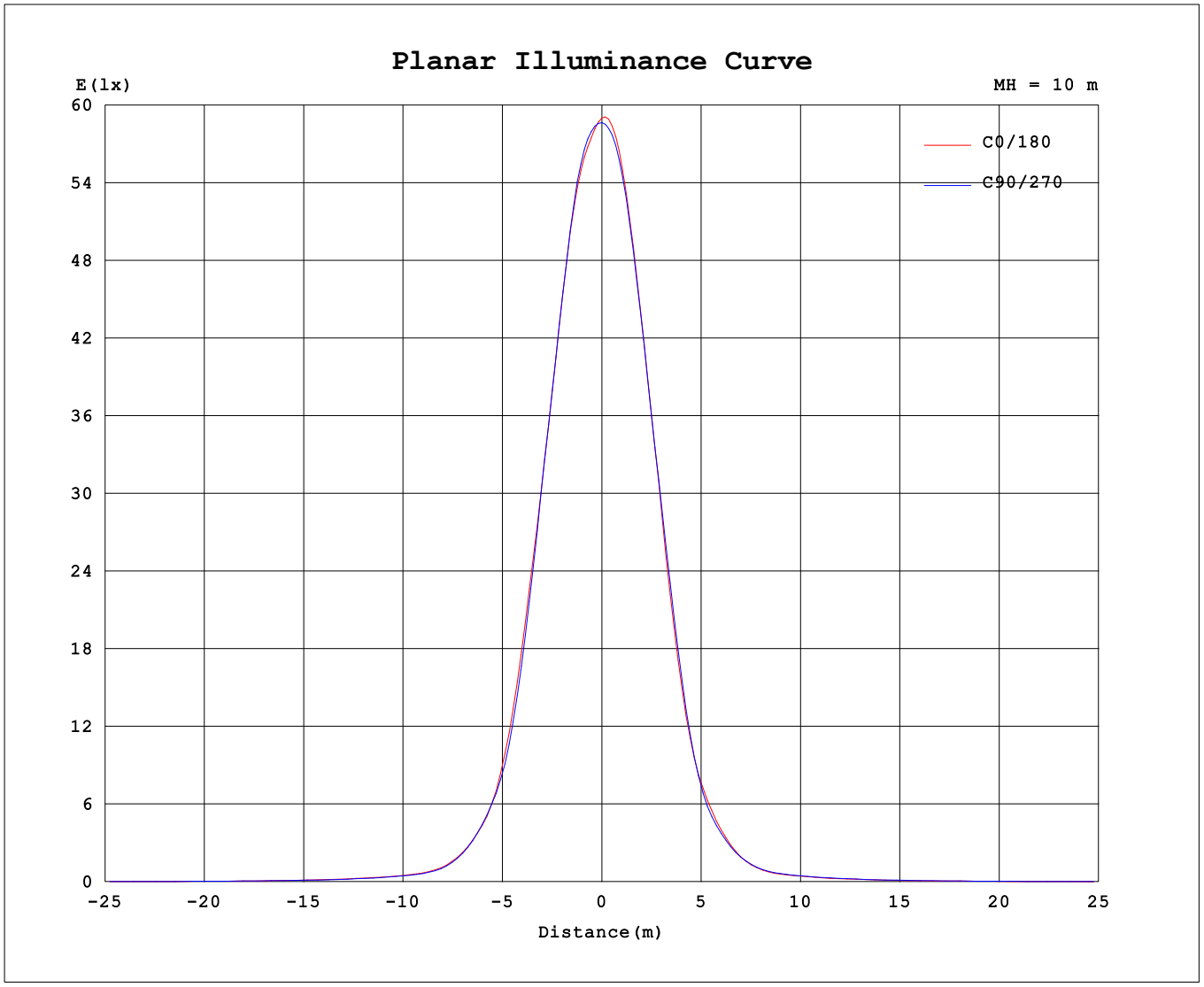
Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-16

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-10X2701-4000K RA90 36D WHITE

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-16

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-10X2701-4000K RA90 36D WHITE

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:240.3V I:0.1437A P:34.3W PF:0.9925 Freq:49.99Hz UTHDi:0.26% ITHDi:15.80% KDisp:0.9963 Lamp Flux:2730.81x1 lm		
NAME: HCP-10X2701-4000K RA90 36D 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	5873	5873	5873	5873	5873	5873	5873	5873
5	5637	5684	5728	5727	5685	5660	5650	5634
10	5003	5076	5029	4941	4868	4855	4870	4922
15	3901	3991	3922	3785	3707	3713	3729	3796
20	2716	2731	2616	2454	2351	2327	2458	2602
25	1541	1594	1434	1329	1280	1269	1296	1428
30	778	862	800	741	720	684	673	684
35	414	442	405	367	352	344	349	375
40	205	215	193	181	172	173	183	196
45	140	141	132	127	124	124	132	138
50	111	109	101	97.1	94.7	96.3	104	110
55	86.5	84.2	80.0	76.2	73.8	74.9	81.1	85.9
60	67.9	66.1	62.8	60.8	59.6	60.2	63.8	67.0
65	56.2	54.9	51.7	49.2	47.7	48.4	52.1	55.3
70	42.7	41.7	38.8	36.4	35.2	35.8	39.0	41.7
75	30.3	29.3	26.7	24.6	23.7	24.3	26.9	29.2
80	19.0	18.1	15.8	14.0	13.2	13.8	16.1	18.1
85	8.90	8.19	6.34	4.72	4.08	4.64	6.43	8.10
90	0.25	0.14	0.17	0.16	0.18	0.17	0.17	0.14

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-16

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-10X2701-4000K 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	5873	5873	5873	5873	5873	5873	5873	5873
3.0	5749	5783	5828	5851	5836	5820	5801	5769
6.0	5561	5614	5646	5619	5564	5535	5542	5539
9.0	5183	5253	5225	5141	5069	5043	5063	5113
12.0	4583	4668	4612	4506	4425	4434	4441	4506
15.0	3901	3991	3922	3785	3707	3713	3729	3796
18.0	3188	3259	3156	2985	2889	2891	2998	3073
21.0	2456	2483	2349	2205	2092	2054	2202	2348
24.0	1748	1779	1631	1516	1448	1436	1489	1642
27.0	1176	1241	1116	1043	1018	981.0	970.8	1046
30.0	778.4	861.7	800.3	741.2	720.1	683.7	672.8	683.8
33.0	545.2	589.2	541.9	496.8	479.2	461.2	460.1	482.7
36.0	356.0	381.2	345.7	313.1	300.0	296.8	302.6	326.5
39.0	232.0	241.8	218.7	203.0	193.1	193.7	203.9	219.0
42.0	168.3	171.1	159.5	151.5	145.9	146.2	155.7	164.5
45.0	140.4	140.6	132.1	127.1	123.7	124.2	132.5	138.4
48.0	122.5	121.6	113.0	107.0	104.4	106.0	115.4	121.0
51.0	105.7	103.5	96.91	92.46	90.13	91.80	98.89	104.2
54.0	91.09	88.44	84.08	80.07	77.67	78.73	85.20	90.27
57.0	78.34	76.29	72.25	68.87	67.02	68.16	73.32	77.63
60.0	67.89	66.06	62.76	60.75	59.57	60.17	63.79	67.04
63.0	60.58	59.52	57.04	54.52	52.95	53.68	57.54	60.03
66.0	53.41	52.16	49.07	46.57	45.16	45.80	49.40	52.38
69.0	45.32	44.23	41.31	38.92	37.65	38.24	41.50	44.30
72.0	37.63	36.59	33.83	31.58	30.45	31.05	33.96	36.55
75.0	30.27	29.33	26.69	24.64	23.65	24.26	26.88	29.25
78.0	23.33	22.46	20.02	18.08	17.26	17.87	20.28	22.39
81.0	16.84	16.03	13.80	12.00	11.27	11.87	14.02	15.94
84.0	10.78	10.06	8.113	6.436	5.777	6.359	8.232	10.00
87.0	5.275	4.619	2.973	1.481	0.8276	1.392	3.015	4.533
90.0	0.2453	0.1355	0.1727	0.1581	0.1804	0.1721	0.1682	0.1446

C Range: 0 - 360DEG
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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: