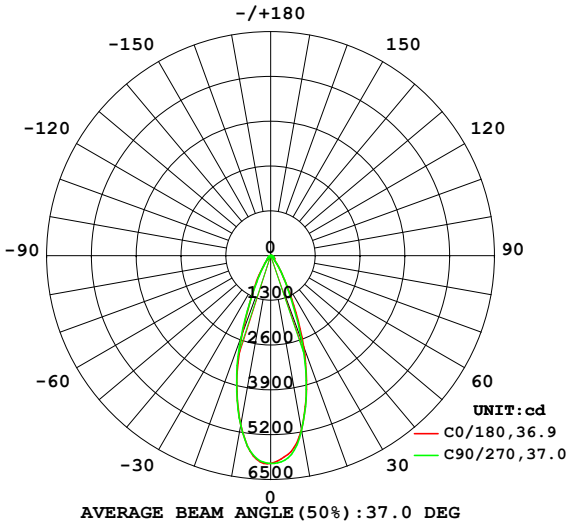
Photometric Filename: HCP-10X2701-5000K RA90 36D WHITE

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:240.3V I:0.1429A P:34.1W PF:0.9927 Freq:49.99Hz UTHDi:0.26% ITHDi:6.26% KDisp:0.9960 Lamp Flux:2804.96x1 lm		
NAME: HCP-10X2701-5000K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

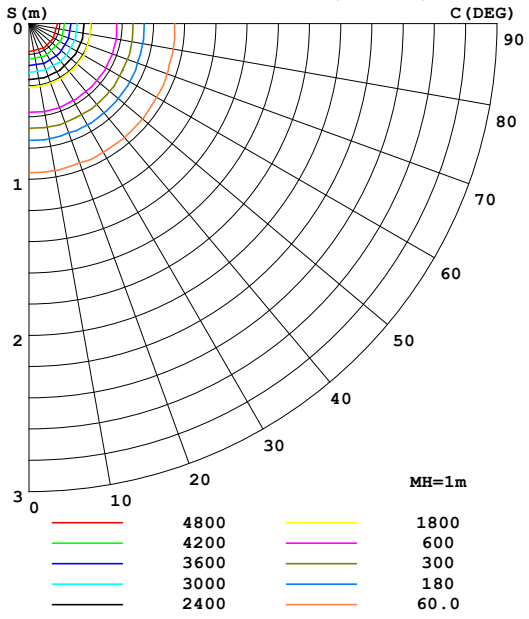
DATA OF LAMP		PHOTOMETRIC DATA Eff: 82.29 lm/W			
MODEL		Imax(cd)	6046	S/MH(C0/180)	0.57
NOMINAL POWER(W)	35	LOR(%)	100.0	S/MH(C90/270)	0.58
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	2805.0	η UP,DN(C0-180)	0.0,51.6
NOMINAL FLUX(lm)	2804.96	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,48.4
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	240.19	η down(%)	100.0	CIBSE SHR MAX	0.60

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):37.0 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:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	5147	5217	5162	5072	4999	4985	5014	5066	0- 10	532.8	532.8	19,19
20	2808	2804	2675	2521	2419	2382	2521	2684	10- 20	1066	1599	57,57
30	807.9	882.6	809.4	763.3	743.1	700.6	686.6	707.6	20- 30	678.0	2277	81.2,81.2
40	211.9	220.1	195.5	185.2	176.6	177.0	187.1	202.2	30- 40	256.9	2534	90.3,90.3
50	114.4	111.6	103.7	99.37	97.03	98.31	106.4	112.5	40- 50	107.3	2641	94.2,94.2
60	69.69	67.67	64.21	62.18	61.01	61.64	65.41	68.79	50- 60	74.32	2716	96.8,96.8
70	43.90	42.66	39.69	37.32	36.07	36.68	39.97	42.81	60- 70	52.36	2768	98.7,98.7
80	19.51	18.62	16.20	14.31	13.53	14.13	16.48	18.53	70- 80	29.26	2797	99.7,99.7
90	0.2677	0.1447	0.1779	0.1612	0.1873	0.1791	0.1698	0.1512	80- 90	7.666	2805	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): 2592.9 lm

%lum = 92.4%
%lamp = 92.4%

Conical surface Flux(120deg): 2715.7 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:

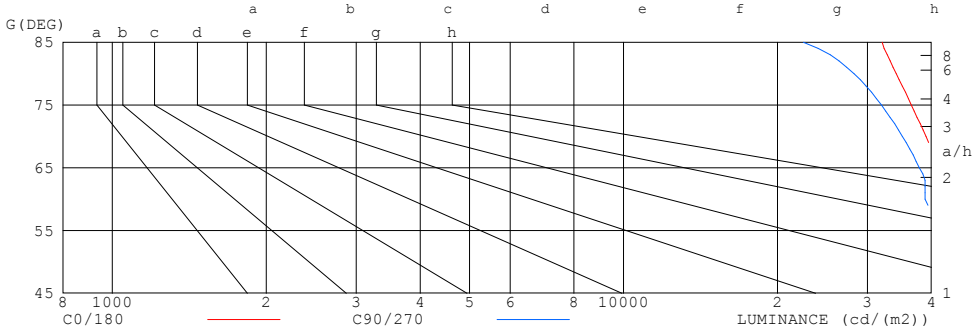
Photometric Filename: HCP-10X2701-5000K RA90 36D WHITE

LUMINANCE LIMITATION CURVES

Test:U:240.3V I:0.1429A P:34.1W PF:0.9927 Freq:49.99Hz **UTHDi:0.26% ITHDi:6.26% KDisp:0.9960 Lamp Flux:2804.96x1 lm**		
NAME: HCP-10X2701-5000K 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	32077	22475
80	34164	28243
75	36552	31949
70	39035	35127
65	41528	37880
60	42386	38869
55	47082	43220
50	54136	48837
45	62018	57758

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:

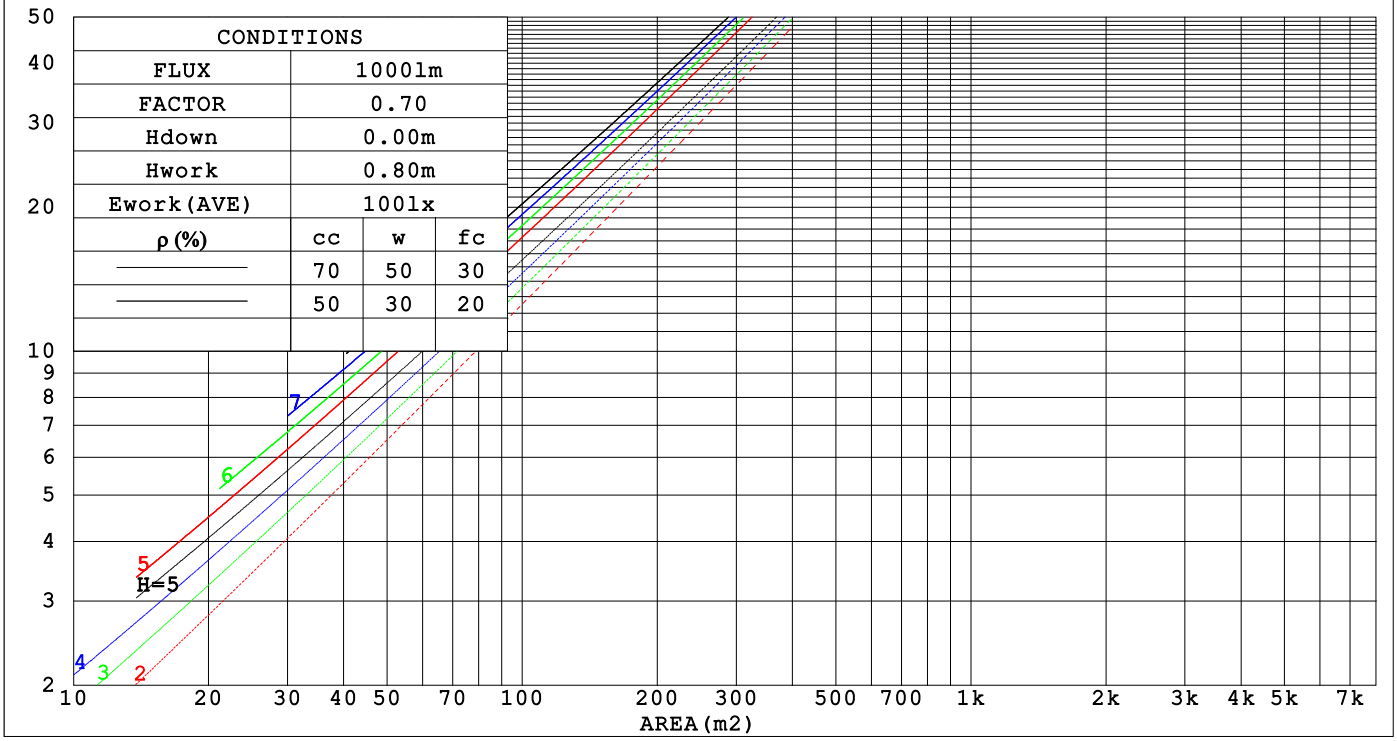
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:240.3V I:0.1429A P:34.1W PF:0.9927 Freq:49.99Hz UTHDi:0.26% ITHDi:6.26% KDisp:0.9960 Lamp Flux:2804.96x1 lm		
NAME: HCP-10X2701-5000K 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	.61	.69	.64	.60	.68	.63	.60	.67	.63	.60	.67	.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:

WEC AND CCEC

Test:U:240.3V I:0.1429A P:34.1W PF:0.9927 Freq:49.99Hz UTHDi:0.26% ITHDi:6.26% KDisp:0.9960 Lamp Flux:2804.96x1 lm		
NAME: HCP-10X2701-5000K 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	.140	.074	.022	.133	.070	.021	.126	.067	.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	.018	.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-10X2701-5000K RA90 36D WHITE

UGR(Unified Glare Rating) Table

Test:U:240.3V I:0.1429A P:34.1W PF:0.9927 Freq:49.99Hz UTHDi:0.26% ITHDi:6.26% KDisp:0.9960 Lamp Flux:2804.96x1 lm		
NAME: HCP-10X2701-5000K 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	21.8	22.7	22.0	22.8	23.0	21.5	22.4	21.7	22.6	22.7
3H	22.7	23.5	23.0	23.7	23.9	22.4	23.2	22.6	23.4	23.6
4H	23.1	23.9	23.4	24.1	24.3	22.8	23.5	23.0	23.7	24.0
6H	23.5	24.2	23.8	24.4	24.7	23.0	23.7	23.3	24.0	24.2
8H	23.6	24.3	23.9	24.6	24.8	23.1	23.8	23.4	24.1	24.3
12H	23.7	24.4	24.0	24.6	24.9	23.1	23.8	23.5	24.1	24.4
4H 2H	22.1	22.9	22.4	23.1	23.3	21.9	22.6	22.1	22.8	23.1
3H	23.2	23.9	23.6	24.2	24.4	22.9	23.6	23.3	23.9	24.2
4H	23.8	24.4	24.1	24.7	25.0	23.4	24.1	23.8	24.3	24.7
6H	24.3	24.8	24.6	25.1	25.5	23.8	24.4	24.2	24.7	25.0
8H	24.4	24.9	24.8	25.3	25.6	24.0	24.5	24.3	24.8	25.2
12H	24.5	25.0	25.0	25.4	25.8	24.0	24.5	24.4	24.8	25.2
8H 4H	24.0	24.5	24.3	24.8	25.2	23.6	24.1	24.0	24.5	24.9
6H	24.5	25.0	25.0	25.4	25.8	24.2	24.6	24.6	25.0	25.4
8H	24.8	25.2	25.2	25.6	26.0	24.3	24.7	24.8	25.1	25.6
12H	25.0	25.3	25.5	25.7	26.2	24.5	24.8	24.9	25.2	25.7
12H 4H	23.9	24.4	24.4	24.8	25.2	23.6	24.1	24.0	24.5	24.9
6H	24.6	24.9	25.0	25.4	25.8	24.2	24.6	24.6	25.0	25.4
8H	24.9	25.2	25.3	25.6	26.1	24.4	24.7	24.9	25.2	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	+ 1.0 / - 0.3	+ 0.9 / - 0.5
2.0H	+ 0.5 / - 0.4	+ 0.5 / - 0.5

CIE Pub.117, 2805 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 3.6)
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-10X2701-5000K RA90 36D WHITE

UTILIZATION FACTORS TABLE

Test:U:240.3V I:0.1429A P:34.1W PF:0.9927 Freq:49.99Hz UTHDi:0.26% ITHDi:6.26% KDisp:0.9960 Lamp Flux:2804.96x1 lm		
NAME: HCP-10X2701-5000K 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	108	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	

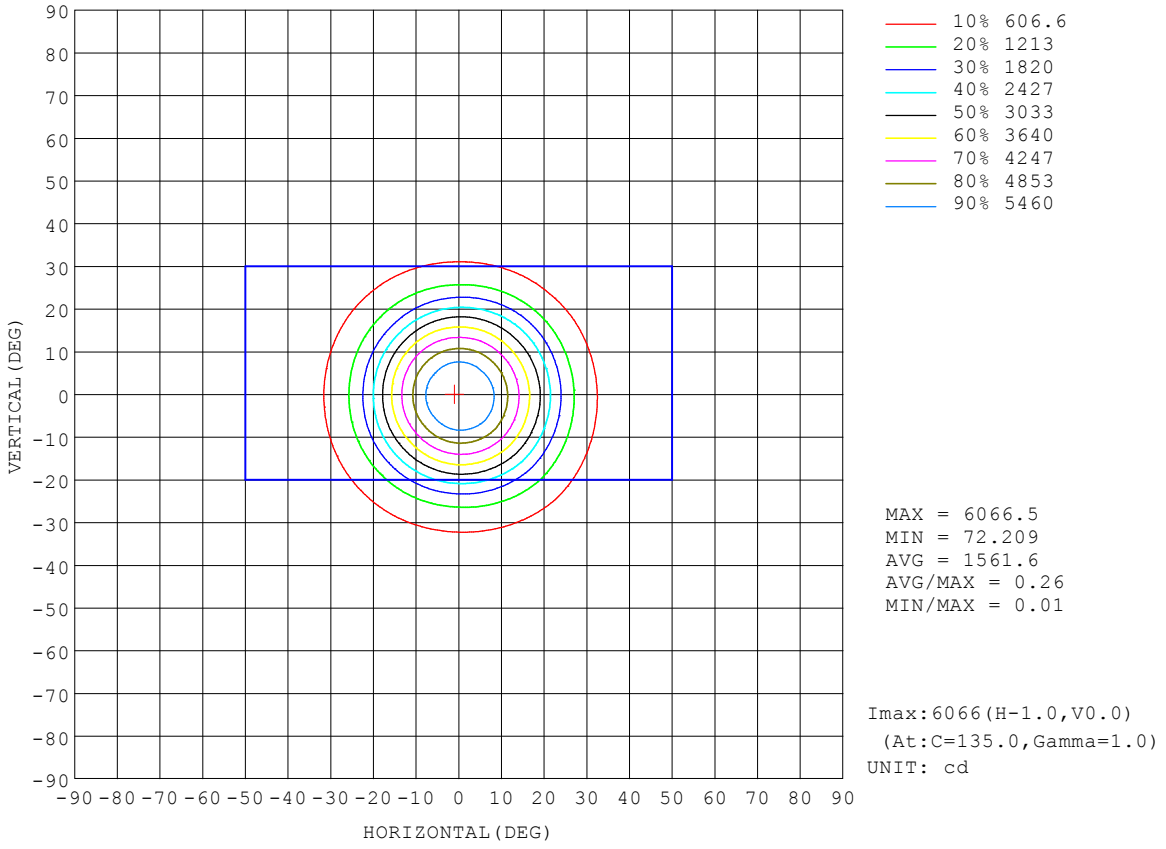
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-16

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-10X2701-5000K RA90 36D WHITE

ISOCANDELA DIAGRAM

Test:U:240.3V I:0.1429A P:34.1W PF:0.9927 Freq:49.99Hz UTHDi:0.26% ITHDi:6.26% KDisp:0.9960 Lamp Flux:2804.96x1 lm		
NAME: HCP-10X2701-5000K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

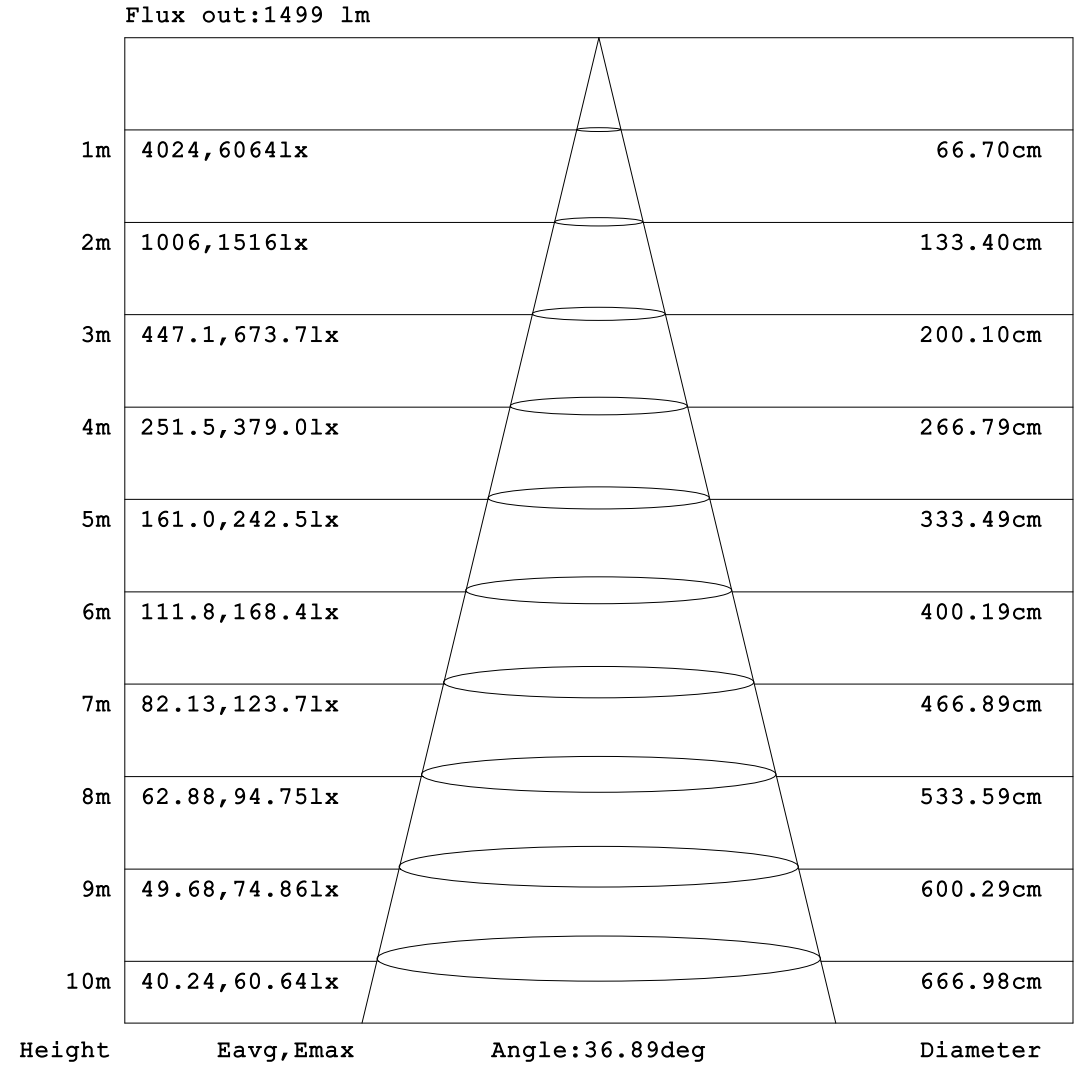


C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-16

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:

AAI Figure

Test:U:240.3V I:0.1429A P:34.1W PF:0.9927 Freq:49.99Hz **UTHDi:0.26% ITHDi:6.26% KDisp:0.9960 Lamp Flux:2804.96x1 lm**		
NAME: HCP-10X2701-5000K RA90 36D 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.

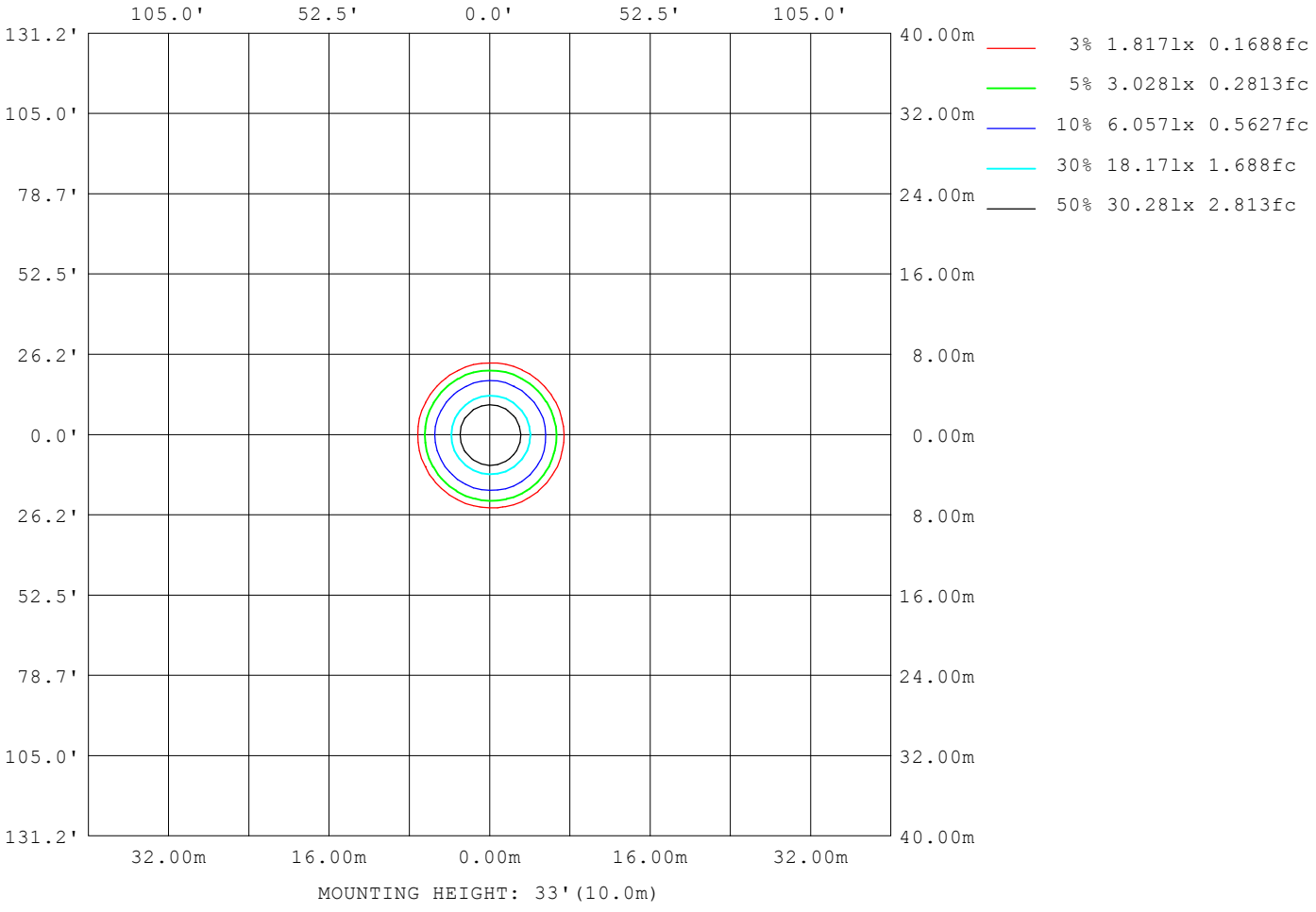
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-16

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-10X2701-5000K RA90 36D WHITE

ISOLUX DIAGRAM

Test:U:240.3V I:0.1429A P:34.1W PF:0.9927 Freq:49.99Hz UTHDi:0.26% ITHDi:6.26% KDisp:0.9960 Lamp Flux:2804.96x1 lm		
NAME: HCP-10X2701-5000K 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:0.1429A P:34.1W PF:0.9927 Freq:49.99Hz UTHDi:0.26% ITHDi:6.26% KDisp:0.9960 Lamp Flux:2804.96x1 lm		
NAME: HCP-10X2701-5000K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

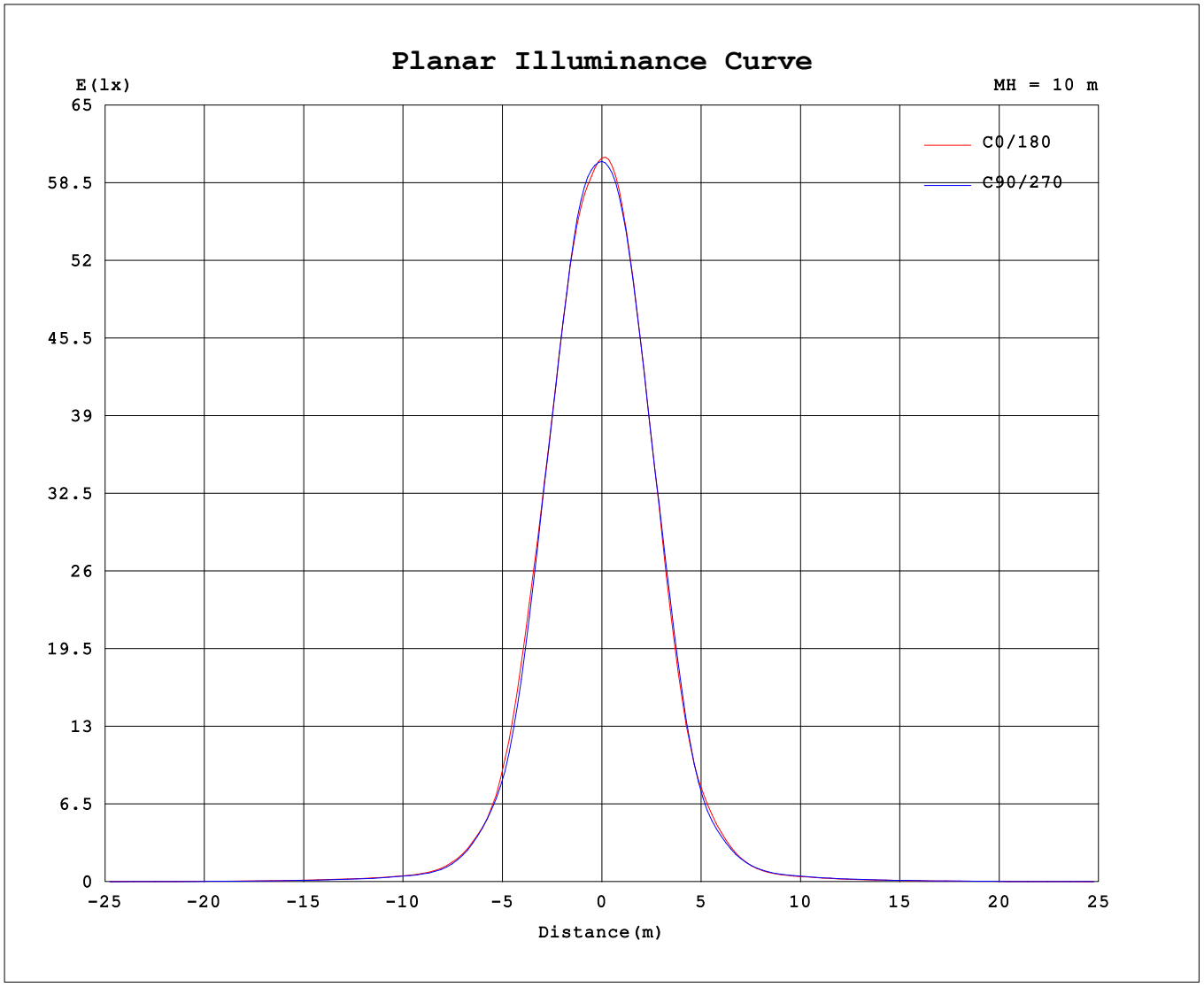
AvgL	cd/m2
L_0~180(65)av	38202
L_0~180(75)av	32387
L_0~180(85)av	23229
L_90~270(65)av	38104
L_90~270(75)av	32136
L_90~270(85)av	22713
L_45(65)av	38159
L_45(75)av	32234
L_45(85)av	22846

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
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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:

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-10X2701-5000K RA90 36D WHITE

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:240.3V I:0.1429A P:34.1W PF:0.9927 Freq:49.99Hz UTHDi:0.26% ITHDi:6.26% KDisp:0.9960 Lamp Flux:2804.96x1 lm		
NAME: HCP-10X2701-5000K 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	6035	6035	6035	6035	6035	6035	6035	6035
5	5795	5840	5888	5876	5838	5810	5811	5793
10	5147	5217	5162	5072	4999	4985	5014	5066
15	4023	4102	4018	3884	3810	3808	3831	3909
20	2808	2804	2675	2521	2419	2382	2521	2684
25	1595	1634	1460	1365	1317	1299	1326	1475
30	808	883	809	763	743	701	687	708
35	429	452	408	378	363	352	356	388
40	212	220	195	185	177	177	187	202
45	144	144	135	130	127	127	136	142
50	114	112	104	99.4	97.0	98.3	106	113
55	88.8	86.2	81.9	78.0	75.6	76.7	83.1	88.2
60	69.7	67.7	64.2	62.2	61.0	61.6	65.4	68.8
65	57.7	56.3	52.9	50.3	48.8	49.6	53.4	56.7
70	43.9	42.7	39.7	37.3	36.1	36.7	40.0	42.8
75	31.1	30.1	27.3	25.2	24.2	24.8	27.6	30.0
80	19.5	18.6	16.2	14.3	13.5	14.1	16.5	18.5
85	9.19	8.41	6.47	4.83	4.17	4.74	6.59	8.31
90	0.27	0.14	0.18	0.16	0.19	0.18	0.17	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-10X2701-5000K 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	6035	6035	6035	6035	6035	6035	6035	6035
3.0	5907	5940	5990	6009	5995	5975	5964	5931
6.0	5718	5768	5803	5765	5710	5686	5699	5694
9.0	5330	5401	5366	5276	5204	5181	5212	5257
12.0	4719	4798	4732	4628	4545	4552	4569	4637
15.0	4023	4102	4018	3884	3810	3808	3831	3909
18.0	3293	3345	3232	3064	2971	2964	3076	3167
21.0	2540	2548	2399	2265	2150	2107	2258	2425
24.0	1810	1824	1661	1557	1492	1471	1525	1696
27.0	1218	1272	1131	1073	1051	1005	992.0	1080
30.0	807.9	882.6	809.4	763.3	743.1	700.6	686.6	707.6
33.0	565.8	603.4	547.5	511.9	494.2	472.1	469.2	500.0
36.0	370.0	390.0	348.4	322.9	309.0	303.7	308.2	338.6
39.0	240.4	247.4	221.2	211.6	198.3	198.4	210.9	226.3
42.0	173.6	175.2	162.3	155.4	149.6	149.7	159.4	169.3
45.0	144.2	144.1	134.9	130.2	126.8	127.3	135.7	142.2
48.0	125.9	124.6	115.6	109.5	106.9	108.6	118.2	124.3
51.0	108.6	106.0	98.79	94.71	92.33	93.84	101.4	106.9
54.0	93.43	90.61	85.99	82.00	79.52	80.65	87.42	92.64
57.0	80.41	78.14	73.89	70.49	68.66	69.83	75.21	79.65
60.0	69.69	67.67	64.21	62.18	61.01	61.64	65.41	68.79
63.0	62.18	60.94	58.36	55.85	54.22	54.97	59.04	61.61
66.0	54.85	53.40	50.22	47.68	46.25	46.91	50.68	53.77
69.0	46.56	45.33	42.29	39.86	38.57	39.20	42.56	45.49
72.0	38.68	37.50	34.60	32.34	31.21	31.80	34.85	37.57
75.0	31.11	30.06	27.32	25.21	24.21	24.82	27.58	30.03
78.0	24.00	23.05	20.47	18.56	17.67	18.29	20.78	22.99
81.0	17.32	16.44	14.12	12.29	11.52	12.12	14.39	16.37
84.0	11.11	10.33	8.296	6.584	5.899	6.490	8.446	10.27
87.0	5.449	4.763	3.029	1.514	0.8221	1.401	3.102	4.663
90.0	0.2677	0.1447	0.1779	0.1612	0.1873	0.1791	0.1698	0.1512

C Range: 0 - 360DEG
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γ Range: 0 - 90DEG
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