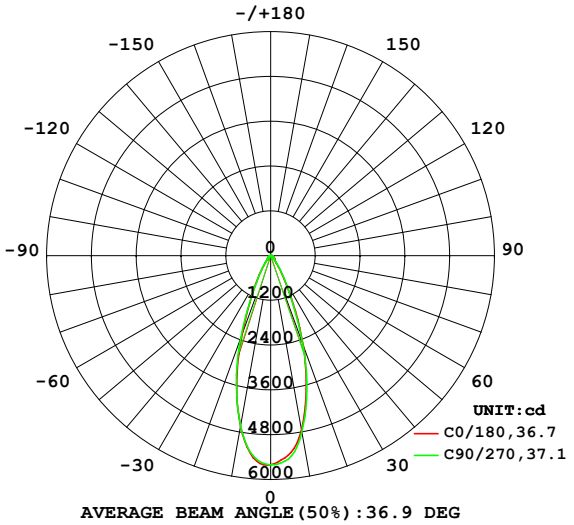
Photometric Filename: HCP-10X2701-3000K RA90 36D WHITE

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:240.2V I:0.1449A P:34.5W PF:0.9925 Freq:49.99Hz UTHDi:0.39% ITHDi:9.81% KDisp:0.9962 Lamp Flux:2605.52x1 lm		
NAME: HCP-10X2701-3000K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

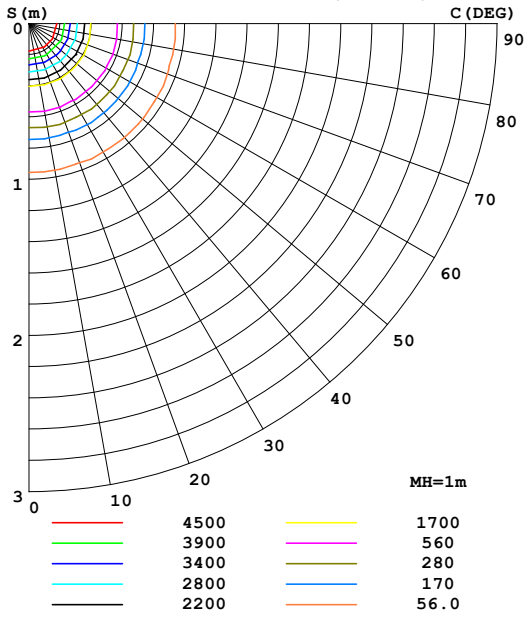
DATA OF LAMP		PHOTOMETRIC DATA Eff: 75.41 lm/W			
MODEL		Imax(cd)	5615	S/MH(C0/180)	0.57
NOMINAL POWER(W)	35	LOR(%)	100.0	S/MH(C90/270)	0.58
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	2605.5	η UP,DN(C0-180)	0.0,51.6
NOMINAL FLUX(lm)	2605.52	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,48.4
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	240.17	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:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	4761	4834	4807	4717	4651	4635	4641	4680	0- 10	494.5	494.5	19,19
20	2567	2606	2516	2339	2241	2222	2353	2466	10- 20	989.4	1484	57,57
30	731.7	824.9	780.0	704.9	683.7	653.5	648.6	644.2	20- 30	629.6	2114	81.1,81.1
40	193.6	202.8	187.5	172.5	164.7	165.5	176.4	185.7	30- 40	239.2	2353	90.3,90.3
50	106.2	104.2	97.13	92.96	90.78	92.35	99.26	104.4	40- 50	100.1	2453	94.1,94.1
60	64.78	63.17	60.25	58.18	57.03	57.55	61.03	63.99	50- 60	69.40	2522	96.8,96.8
70	40.73	39.81	37.19	34.91	33.76	34.23	37.27	39.73	60- 70	48.86	2571	98.7,98.7
80	18.01	17.30	15.19	13.39	12.71	13.23	15.36	17.18	70- 80	27.29	2598	99.7,99.7
90	0.2097	0.1312	0.1665	0.1520	0.1701	0.1639	0.1623	0.1394	80- 90	7.141	2606	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): 2407.6 lm

%lum = 92.4%
%lamp = 92.4%

Conical surface Flux(120deg): 2522.2 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:

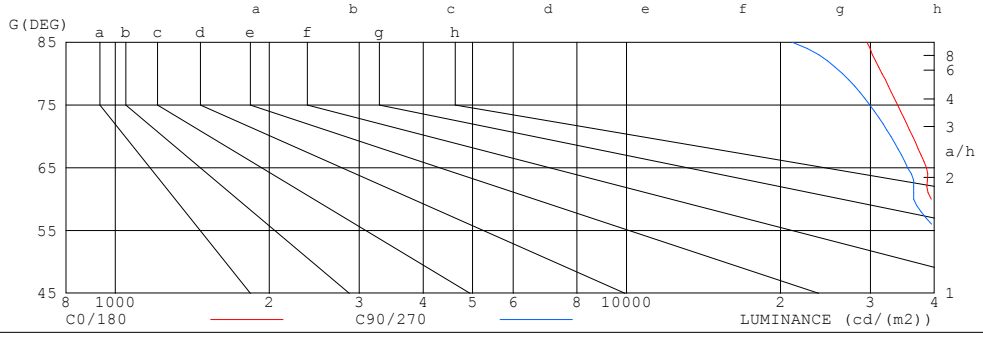
Photometric Filename: HCP-10X2701-3000K RA90 36D WHITE

LUMINANCE LIMITATION CURVES

Test:U:240.2V I:0.1449A P:34.5W PF:0.9925 Freq:49.99Hz UTHDi:0.39% ITHDi:9.81% KDisp:0.9962 Lamp Flux:2605.52x1 lm		
NAME: HCP-10X2701-3000K 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	29527	21102
80	31598	26447
75	33902	29899
70	36270	32879
65	38636	35479
60	39463	36438
55	43829	40488
50	50327	45688
45	57568	54374

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-10X2701-3000K RA90 36D WHITE

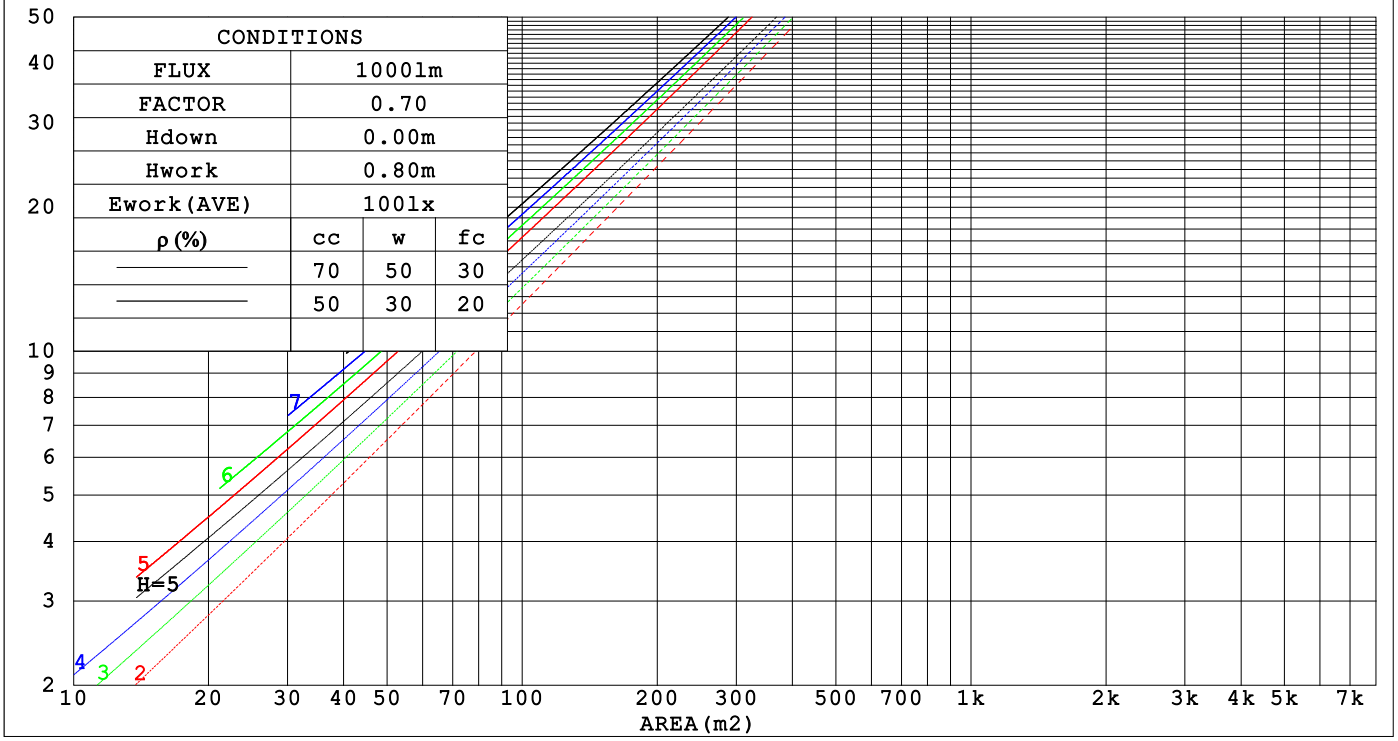
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:240.2V I:0.1449A P:34.5W PF:0.9925 Freq:49.99Hz UTHDi:0.39% ITHDi:9.81% KDisp:0.9962 Lamp Flux:2605.52x1 lm		
NAME: HCP-10X2701-3000K 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	.62	.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:

WEC AND CCEC

Test:U:240.2V I:0.1449A P:34.5W PF:0.9925 Freq:49.99Hz UTHDi:0.39% ITHDi:9.81% KDisp:0.9962 Lamp Flux:2605.52x1 lm		
NAME: HCP-10X2701-3000K 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	.175	.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	.078	.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	.061	.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-10X2701-3000K RA90 36D WHITE

UGR(Unified Glare Rating) Table

Test:U:240.2V I:0.1449A P:34.5W PF:0.9925 Freq:49.99Hz UTHDi:0.39% ITHDi:9.81% KDisp:0.9962 Lamp Flux:2605.52x1 lm		
NAME: HCP-10X2701-3000K 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	21.5	22.4	21.8	22.6	22.7	21.4	22.2	21.6	22.4	22.6
3H	22.5	23.3	22.7	23.5	23.7	22.2	23.0	22.5	23.2	23.4
4H	22.9	23.7	23.2	23.9	24.1	22.6	23.4	22.9	23.6	23.8
6H	23.2	23.9	23.5	24.2	24.4	22.9	23.6	23.2	23.8	24.1
8H	23.3	24.0	23.6	24.3	24.5	22.9	23.6	23.2	23.9	24.1
12H	23.4	24.1	23.7	24.4	24.6	23.0	23.6	23.3	23.9	24.2
4H 2H	21.8	22.6	22.1	22.8	23.0	21.7	22.5	22.0	22.7	22.9
3H	23.0	23.7	23.3	23.9	24.2	22.8	23.4	23.1	23.7	24.0
4H	23.5	24.1	23.9	24.4	24.7	23.3	23.9	23.6	24.2	24.5
6H	24.0	24.5	24.4	24.9	25.2	23.6	24.2	24.0	24.5	24.9
8H	24.2	24.7	24.6	25.0	25.4	23.8	24.3	24.2	24.6	25.0
12H	24.3	24.7	24.7	25.1	25.5	23.8	24.3	24.2	24.7	25.1
8H 4H	23.7	24.2	24.1	24.6	24.9	23.5	24.0	23.8	24.3	24.7
6H	24.3	24.7	24.7	25.1	25.5	24.0	24.4	24.4	24.8	25.2
8H	24.5	24.9	25.0	25.3	25.8	24.2	24.5	24.6	24.9	25.4
12H	24.7	25.0	25.2	25.5	26.0	24.3	24.6	24.7	25.0	25.5
12H 4H	23.7	24.2	24.1	24.5	24.9	23.5	23.9	23.9	24.3	24.7
6H	24.3	24.7	24.8	25.1	25.5	24.0	24.4	24.4	24.8	25.2
8H	24.6	24.9	25.1	25.4	25.8	24.2	24.5	24.7	25.0	25.5

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 / - 0.3	+ 1.0 / - 0.5
2.0H	+ 0.5 / - 0.4	+ 0.5 / - 0.5

CIE Pub.117, 2606 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:2023-11-16

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-10X2701-3000K RA90 36D WHITE

UTILIZATION FACTORS TABLE

Test:U:240.2V I:0.1449A P:34.5W PF:0.9925 Freq:49.99Hz UTHDi:0.39% ITHDi:9.81% KDisp:0.9962 Lamp Flux:2605.52x1 lm		
NAME: HCP-10X2701-3000K 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	86	83	91	86	82	78
1.00	98	92	88	97	91	87	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	

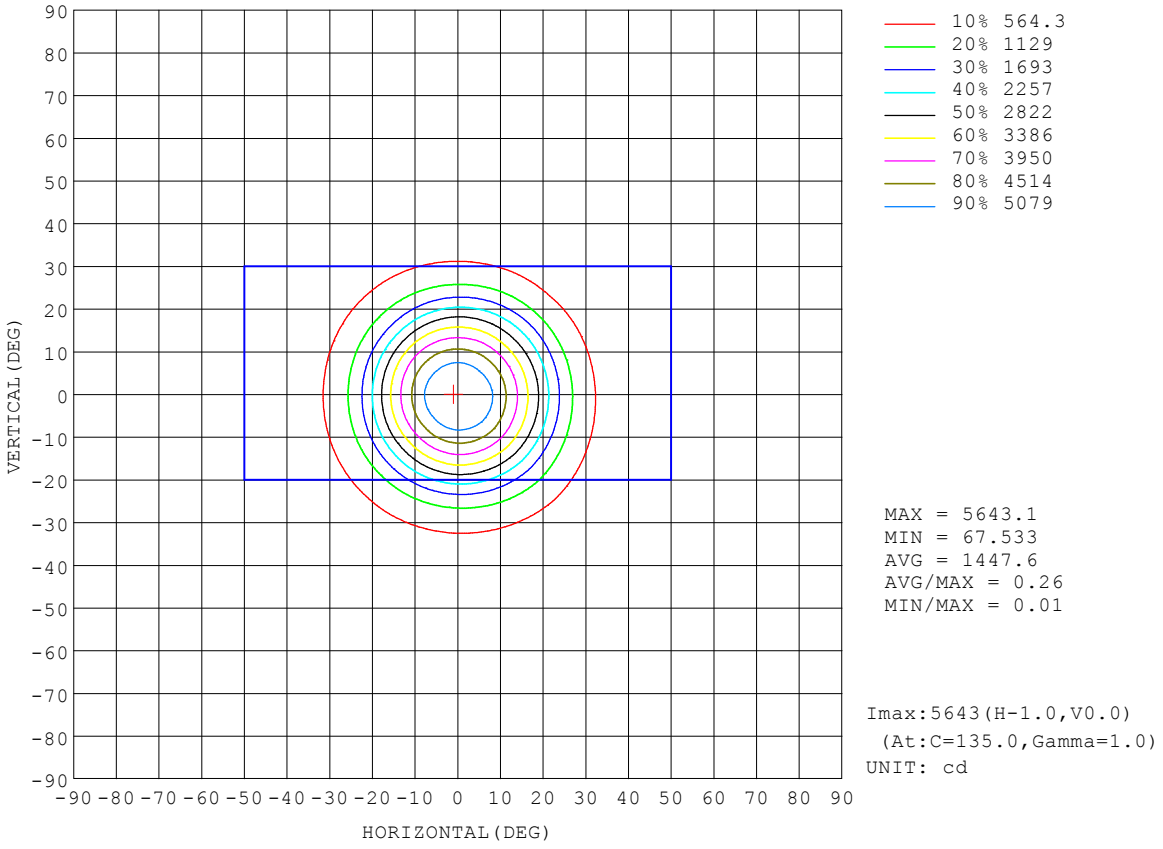
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-16

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-10X2701-3000K RA90 36D WHITE

ISOCANDELA DIAGRAM

Test:U:240.2V I:0.1449A P:34.5W PF:0.9925 Freq:49.99Hz UTHDi:0.39% ITHDi:9.81% KDisp:0.9962 Lamp Flux:2605.52x1 lm		
NAME: HCP-10X2701-3000K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:



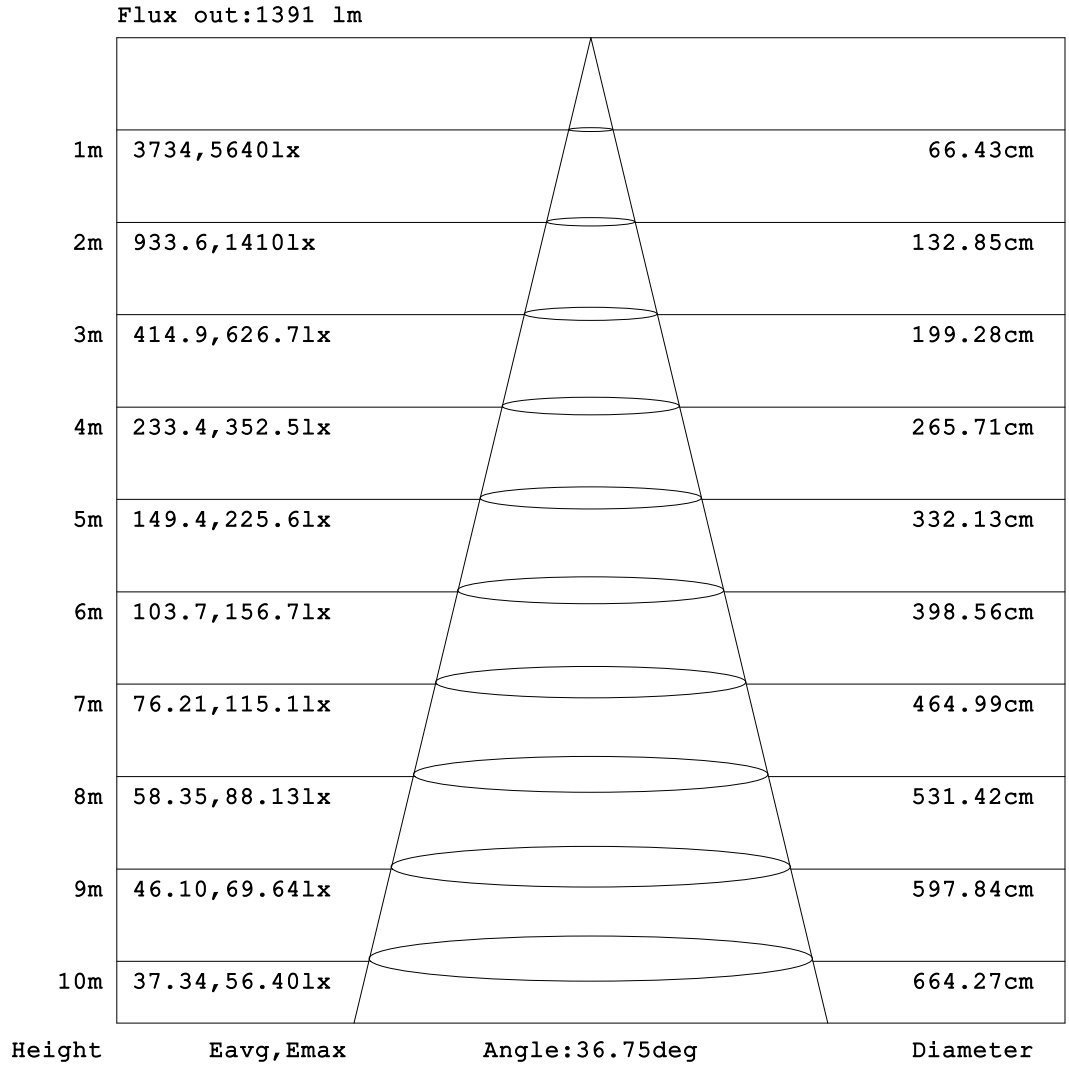
C Range: 0 - 360DEG
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γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks:

Photometric Filename: HCP-10X2701-3000K RA90 36D WHITE

AAI Figure

Test:U:240.2V I:0.1449A P:34.5W PF:0.9925 Freq:49.99Hz UTHDi:0.39% ITHDi:9.81% KDisp:0.9962 Lamp Flux:2605.52x1 lm		
NAME: HCP-10X2701-3000K 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.

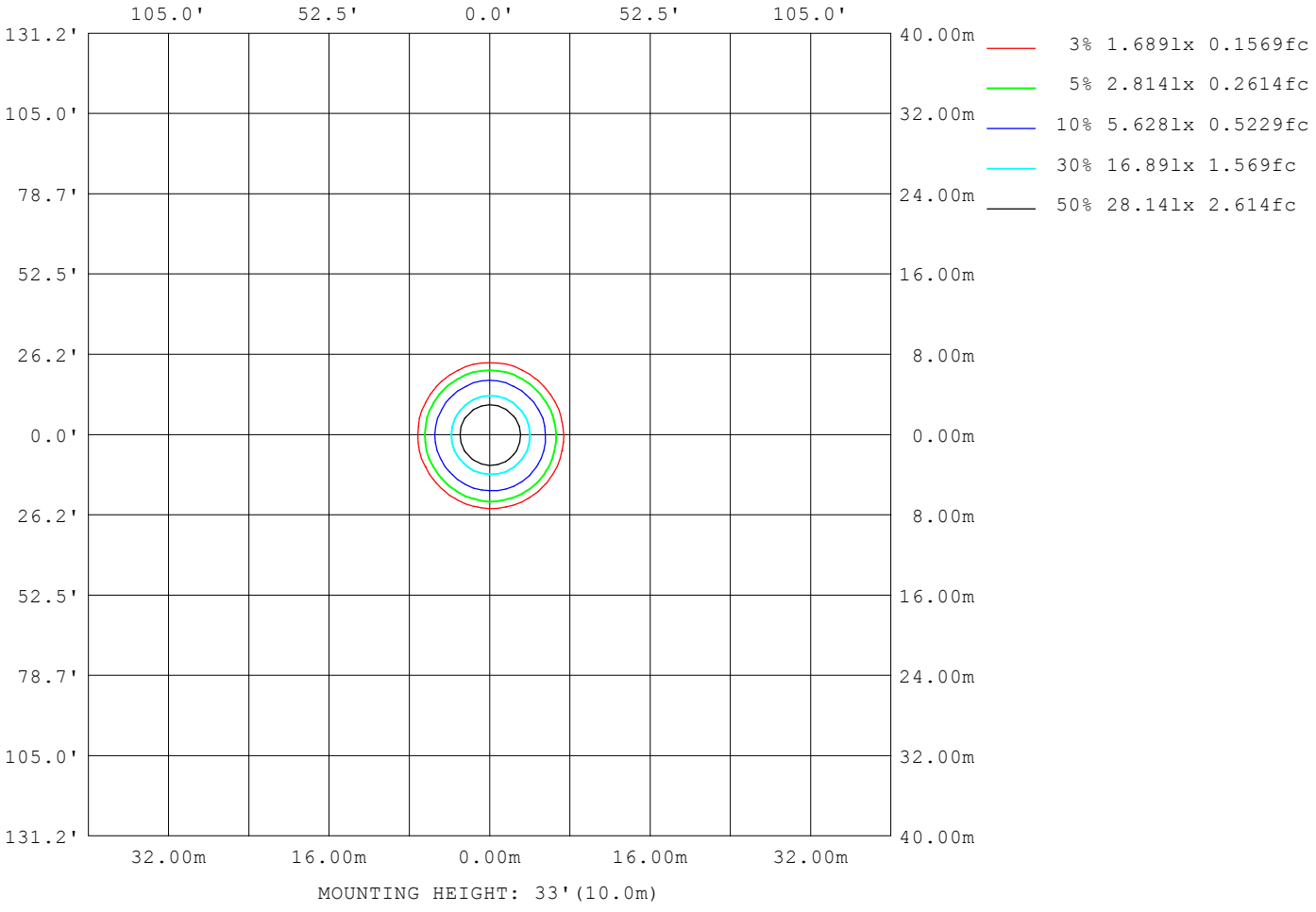
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-16

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-10X2701-3000K RA90 36D WHITE

ISOLUX DIAGRAM

Test:U:240.2V I:0.1449A P:34.5W PF:0.9925 Freq:49.99Hz **UTHDi:0.39% ITHDi:9.81% KDisp:0.9962 Lamp Flux:2605.52x1 lm**		
NAME: HCP-10X2701-3000K 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:240.2V I:0.1449A P:34.5W PF:0.9925 Freq:49.99Hz UTHDi:0.39% ITHDi:9.81% KDisp:0.9962 Lamp Flux:2605.52x1 lm		
NAME: HCP-10X2701-3000K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

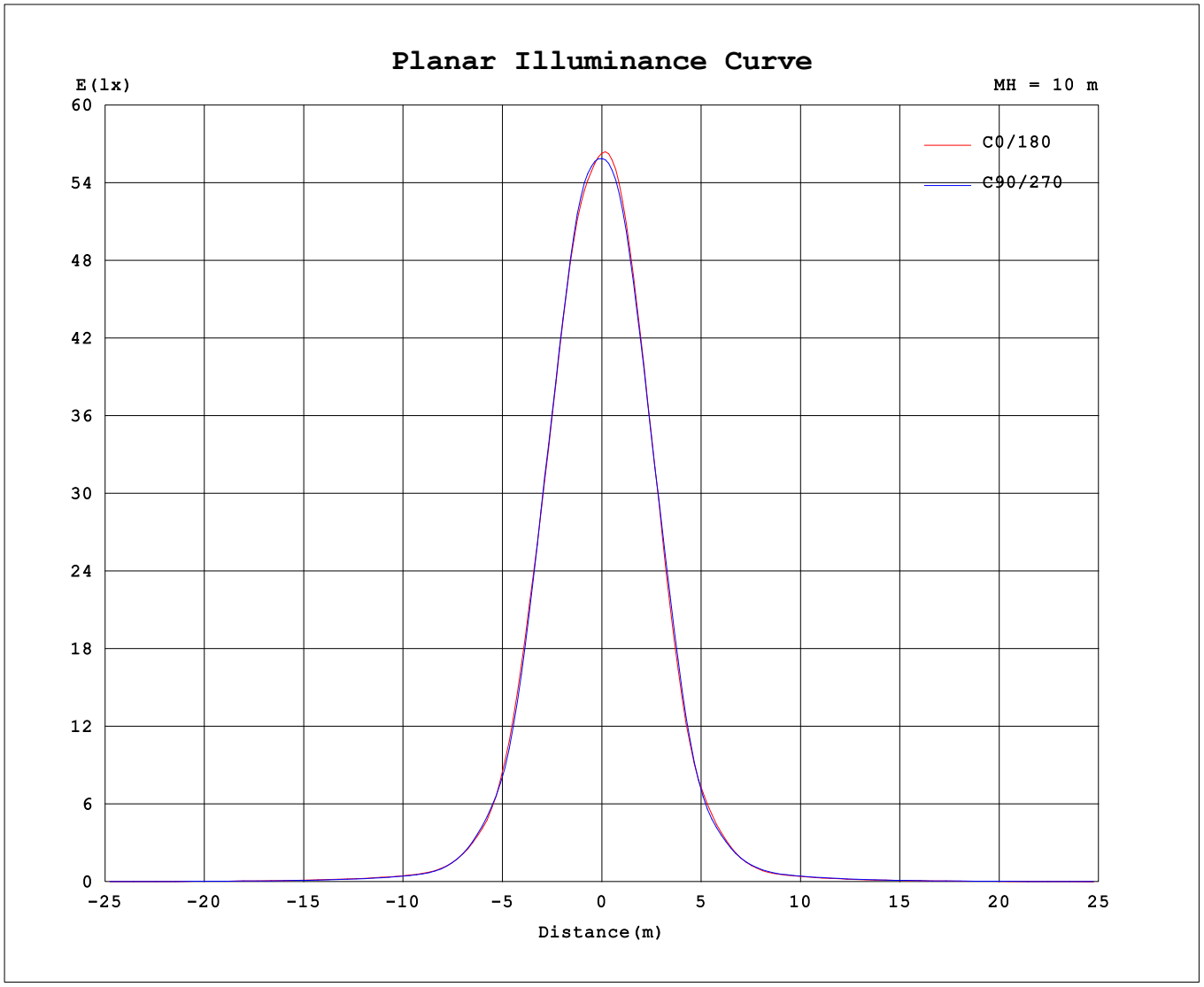
AvgL	cd/m2
L_0~180(65)av	35602
L_0~180(75)av	30153
L_0~180(85)av	21548
L_90~270(65)av	35632
L_90~270(75)av	30038
L_90~270(85)av	21263
L_45(65)av	35592
L_45(75)av	30044
L_45(85)av	21286

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:

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-10X2701-3000K RA90 36D WHITE

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:240.2V I:0.1449A P:34.5W PF:0.9925 Freq:49.99Hz UTHDi:0.39% ITHDi:9.81% KDisp:0.9962 Lamp Flux:2605.52x1 lm		
NAME: HCP-10X2701-3000K 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	5600	5600	5600	5600	5600	5600	5600	5600
5	5373	5418	5473	5468	5429	5392	5391	5368
10	4761	4834	4807	4717	4651	4635	4641	4680
15	3698	3803	3757	3613	3539	3545	3558	3604
20	2567	2606	2516	2339	2241	2222	2353	2466
25	1453	1524	1387	1267	1218	1213	1246	1349
30	732	825	780	705	684	653	649	644
35	388	423	396	349	335	330	338	352
40	194	203	187	172	165	165	176	186
45	134	134	127	122	118	119	127	132
50	106	104	97.1	93.0	90.8	92.4	99.3	104
55	82.5	80.5	76.8	73.0	70.7	71.6	77.6	81.9
60	64.8	63.2	60.3	58.2	57.0	57.6	61.0	64.0
65	53.6	52.6	49.6	47.1	45.7	46.2	49.8	52.7
70	40.7	39.8	37.2	34.9	33.8	34.2	37.3	39.7
75	28.8	28.0	25.6	23.6	22.7	23.2	25.7	27.9
80	18.0	17.3	15.2	13.4	12.7	13.2	15.4	17.2
85	8.45	7.80	6.08	4.54	3.95	4.46	6.15	7.69
90	0.21	0.13	0.17	0.15	0.17	0.16	0.16	0.14

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 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	5600	5600	5600	5600	5600	5600	5600	5600
3.0	5483	5509	5562	5585	5572	5550	5532	5500
6.0	5300	5351	5392	5364	5317	5280	5286	5274
9.0	4930	5002	4991	4905	4842	4809	4825	4865
12.0	4358	4444	4412	4301	4229	4230	4234	4281
15.0	3698	3803	3757	3613	3539	3545	3558	3604
18.0	3020	3109	3030	2850	2758	2761	2866	2916
21.0	2320	2374	2261	2108	2008	1960	2114	2221
24.0	1648	1701	1575	1449	1381	1372	1428	1552
27.0	1109	1187	1082	994.2	967.2	946.9	935.0	986.6
30.0	731.7	824.9	780.0	704.9	683.7	653.5	648.6	644.2
33.0	512.4	564.3	530.0	472.6	454.1	441.7	444.5	454.4
36.0	334.5	365.3	338.5	297.9	285.2	284.4	293.3	307.4
39.0	218.4	231.8	213.5	193.8	184.5	185.3	196.9	207.1
42.0	159.9	163.9	153.9	145.0	139.6	139.8	149.4	156.3
45.0	133.6	134.4	127.2	121.6	118.3	118.6	126.9	131.8
48.0	116.8	116.3	108.6	102.4	99.99	101.2	110.5	115.2
51.0	100.8	99.04	92.94	88.62	86.42	87.76	94.58	99.36
54.0	86.97	84.62	80.73	76.71	74.42	75.27	81.50	86.10
57.0	74.77	73.01	69.38	65.98	64.20	65.18	70.16	74.04
60.0	64.78	63.17	60.25	58.18	57.03	57.55	61.03	63.99
63.0	57.80	56.95	54.74	52.21	50.71	51.32	55.07	57.29
66.0	50.95	49.85	47.09	44.61	43.26	43.76	47.24	49.92
69.0	43.24	42.26	39.63	37.28	36.06	36.57	39.68	42.24
72.0	35.83	34.96	32.44	30.24	29.20	29.71	32.49	34.87
75.0	28.81	28.01	25.59	23.58	22.70	23.19	25.72	27.86
78.0	22.21	21.47	19.22	17.33	16.56	17.09	19.39	21.33
81.0	16.00	15.31	13.25	11.50	10.83	11.36	13.42	15.18
84.0	10.28	9.584	7.793	6.165	5.580	6.104	7.877	9.507
87.0	4.981	4.390	2.860	1.439	0.8515	1.358	2.884	4.298
90.0	0.2097	0.1312	0.1665	0.1520	0.1701	0.1639	0.1623	0.1394

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