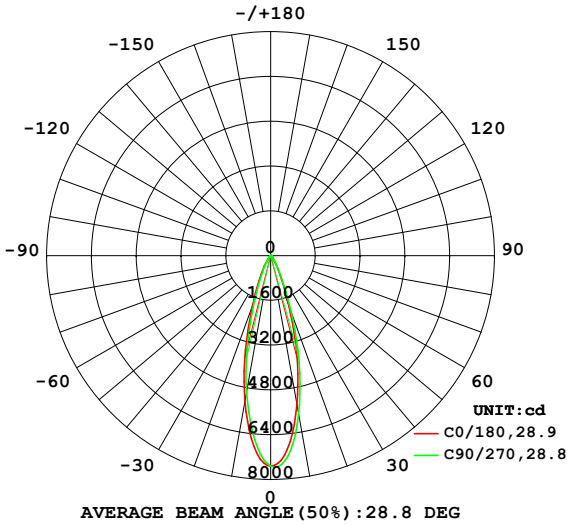
Photometric Filename: HCP-10X2701-4000K RA90 24D WHITE

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:240.3V I:0.1163A P:27.7W PF:0.9904 Freq:49.99Hz UTHDi:0.25% ITHDi:34.31% KDisp:0.9942 Lamp Flux:2343.47x1 lm		
NAME: HCP-10X2701-4000K RA90 24D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

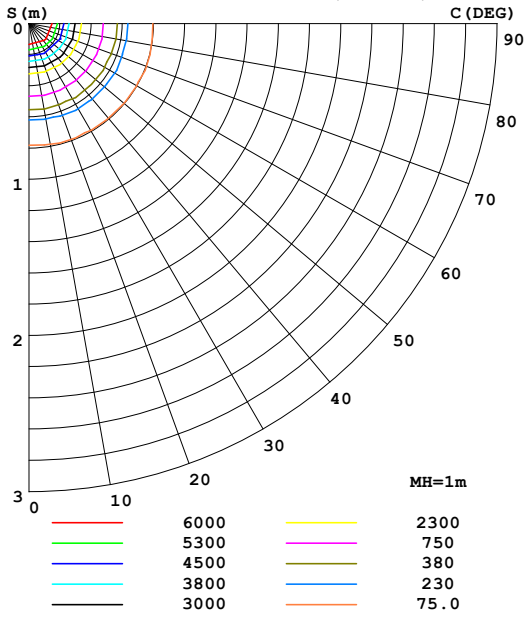
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 84.69 lm/W	
MODEL		Imax(cd)	7554	S/MH(C0/180)	0.48
NOMINAL POWER(W)	29	LOR(%)	100.0	S/MH(C90/270)	0.45
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	2343.5	η UP,DN(C0-180)	0.0,52.6
NOMINAL FLUX(lm)	2343.47	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,47.4
LAMPS INSIDE	1	η up(%)	0.0	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%):28.8 DEG

PLANAR ISOLUX DIAGRAM(UNIT:lx)



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

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-10X2701-4000K RA90 24D WHITE

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	5409	5708	5762	5590	5295	5044	4968	5126	0- 10	607.6	607.6	25.9,25.9
20	1916	2135	2143	2098	1926	1769	1672	1755	10- 20	962.6	1570	67,67
30	455.5	506.6	497.0	534.6	512.1	493.0	438.9	447.6	20- 30	462.8	2033	86.7,86.7
40	112.7	125.5	126.9	130.8	122.6	112.1	104.6	108.4	30- 40	159.3	2192	93.5,93.5
50	61.58	64.01	63.66	62.76	59.86	56.65	55.52	58.61	40- 50	64.01	2256	96.3,96.3
60	34.50	35.54	35.54	35.42	34.20	32.96	32.69	33.02	50- 60	40.66	2297	98,98
70	21.01	21.94	21.89	21.35	20.52	19.50	19.45	19.90	60- 70	27.25	2324	99.2,99.2
80	9.145	9.781	9.670	9.046	8.268	7.561	7.675	8.212	70- 80	15.27	2339	99.8,99.8
90	0.1186	0.0906	0.1229	0.0928	0.1031	0.1048	0.1176	0.1022	80- 90	4.069	2343	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): 2227.9 lm

%lum = 95.1%
%lamp = 95.1%

Conical surface Flux(130deg): 2311.9 lm

%lum = 98.7%
%lamp = 98.7%

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:

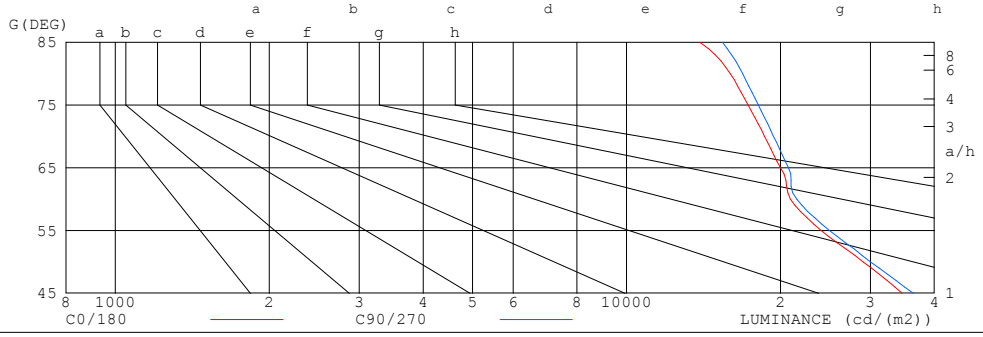
Photometric Filename: HCP-10X2701-4000K RA90 24D WHITE

LUMINANCE LIMITATION CURVES

Test:U:240.3V I:0.1163A P:27.7W PF:0.9904 Freq:49.99Hz **UTHDi:0.25% ITHDi:34.31% KDisp:0.9942 Lamp Flux:2343.47x1 lm**		
NAME: HCP-10X2701-4000K 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	13916	15401
80	15962	16873
75	17292	18103
70	18616	19391
65	19999	20745
60	20912	21540
55	24016	24950
50	29036	30008
45	34603	36403

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-10X2701-4000K RA90 24D WHITE

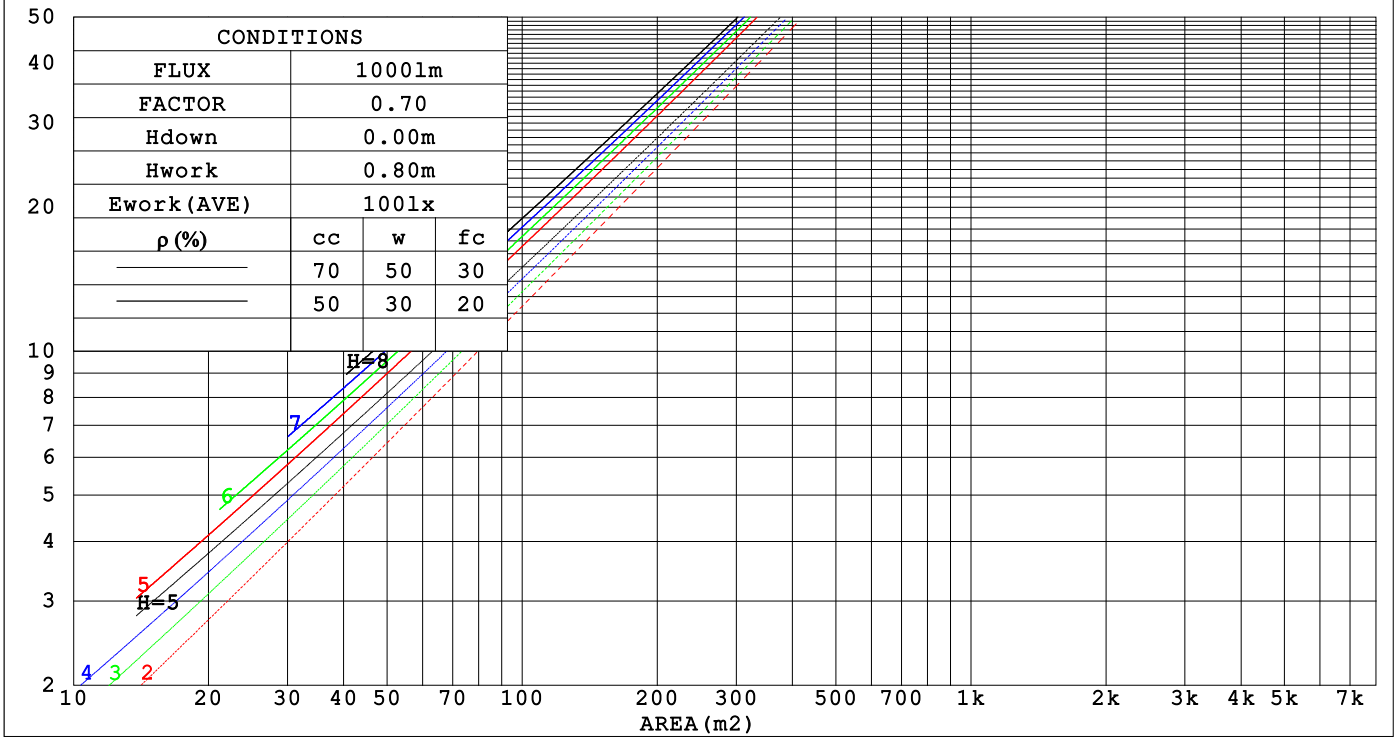
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:240.3V I:0.1163A P:27.7W PF:0.9904 Freq:49.99Hz UTHDi:0.25% ITHDi:34.31% KDisp:0.9942 Lamp Flux:2343.47x1 lm		
NAME: HCP-10X2701-4000K 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	1.10	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	.96	.92	.98	.95	.91	.96	.93	.90	.94	.91	.89	.91	.89	.87	.86
4.0	.95	.90	.87	.94	.90	.86	.92	.88	.85	.90	.87	.84	.88	.85	.83	.82
5.0	.91	.86	.82	.90	.85	.82	.88	.84	.81	.86	.83	.80	.85	.82	.80	.78
6.0	.87	.82	.78	.86	.81	.78	.85	.81	.78	.83	.80	.77	.82	.79	.77	.75
7.0	.83	.78	.75	.83	.78	.75	.81	.77	.74	.80	.77	.74	.79	.76	.74	.72
8.0	.80	.75	.72	.79	.75	.72	.78	.74	.71	.78	.74	.71	.77	.73	.71	.70
9.0	.77	.72	.69	.77	.72	.69	.76	.72	.69	.75	.71	.69	.74	.71	.68	.67
10.0	.74	.70	.67	.74	.70	.67	.73	.69	.66	.73	.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-10X2701-4000K RA90 24D WHITE

WEC AND CCEC

Test:U:240.3V I:0.1163A P:27.7W PF:0.9904 Freq:49.99Hz UTHDi:0.25% ITHDi:34.31% KDisp:0.9942 Lamp Flux:2343.47x1 lm		
NAME: HCP-10X2701-4000K 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	.090	.029	.152	.087	.028	.140	.080	.026	.128	.074	.024	.118	.068	.022	
2.0	.149	.081	.025	.143	.079	.024	.133	.074	.023	.123	.069	.022	.114	.065	.020	
3.0	.139	.074	.022	.134	.072	.022	.126	.068	.021	.118	.064	.020	.110	.061	.019	
4.0	.131	.068	.020	.127	.066	.020	.119	.063	.019	.112	.060	.018	.106	.057	.017	
5.0	.123	.063	.018	.120	.061	.018	.113	.059	.017	.107	.057	.017	.102	.054	.016	
6.0	.116	.058	.017	.113	.057	.016	.108	.055	.016	.103	.053	.016	.098	.051	.015	
7.0	.110	.055	.015	.108	.054	.015	.103	.052	.015	.098	.050	.015	.094	.049	.014	
8.0	.105	.051	.014	.103	.051	.014	.099	.049	.014	.094	.048	.014	.091	.047	.014	
9.0	.100	.049	.014	.098	.048	.013	.094	.047	.013	.091	.046	.013	.087	.044	.013	
10.0	.096	.046	.013	.094	.045	.013	.091	.044	.013	.088	.043	.012	.084	.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	.109	.085	.066	.075	.059	.046	.044	.035	.028	.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	.006	
8.0	.096	.062	.039	.082	.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-10X2701-4000K RA90 24D WHITE

UGR(Unified Glare Rating) Table

Test:U:240.3V I:0.1163A P:27.7W PF:0.9904 Freq:49.99Hz UTHDi:0.25% ITHDi:34.31% KDisp:0.9942 Lamp Flux:2343.47x1 lm		
NAME: HCP-10X2701-4000K 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	18.1	18.9	18.3	19.1	19.2	18.4	19.2	18.6	19.3	19.5
3H	18.9	19.6	19.1	19.8	20.0	19.1	19.8	19.4	20.0	20.2
4H	19.2	19.9	19.5	20.1	20.4	19.5	20.2	19.7	20.4	20.6
6H	19.5	20.2	19.8	20.4	20.6	19.8	20.4	20.0	20.6	20.9
8H	19.6	20.2	19.9	20.5	20.7	19.9	20.5	20.2	20.7	21.0
12H	19.7	20.3	20.0	20.5	20.8	19.9	20.5	20.2	20.8	21.1
4H 2H	18.4	19.1	18.7	19.3	19.5	18.6	19.3	18.9	19.5	19.7
3H	19.4	20.0	19.7	20.2	20.5	19.6	20.2	19.9	20.4	20.7
4H	19.8	20.4	20.2	20.7	21.0	20.1	20.6	20.4	20.9	21.2
6H	20.2	20.7	20.6	21.1	21.4	20.5	20.9	20.8	21.3	21.6
8H	20.4	20.8	20.8	21.2	21.5	20.6	21.1	21.0	21.4	21.8
12H	20.5	20.9	20.9	21.3	21.6	20.7	21.1	21.1	21.5	21.9
8H 4H	20.0	20.5	20.4	20.8	21.2	20.2	20.7	20.6	21.0	21.4
6H	20.5	20.9	21.0	21.3	21.7	20.7	21.1	21.1	21.5	21.9
8H	20.7	21.1	21.2	21.5	21.9	20.9	21.3	21.4	21.7	22.1
12H	20.9	21.2	21.4	21.6	22.1	21.1	21.4	21.6	21.8	22.3
12H 4H	20.0	20.4	20.4	20.8	21.2	20.2	20.6	20.6	21.0	21.4
6H	20.6	20.9	21.0	21.3	21.8	20.7	21.1	21.2	21.5	21.9
8H	20.8	21.1	21.3	21.5	22.0	21.0	21.3	21.5	21.7	22.2

Variations with the observer position at spacings(CIE Pub.117):

S = 1.0H	+ 0.5 / - 0.6	+ 0.7 / - 0.7
1.5H	+ 0.9 / - 0.4	+ 1.2 / - 0.5
2.0H	+ 0.7 / - 0.6	+ 0.7 / - 0.6

CIE Pub.117, 2343 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 3.0)
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-10X2701-4000K RA90 24D WHITE

UTILIZATION FACTORS TABLE

Test:U:240.3V I:0.1163A P:27.7W PF:0.9904 Freq:49.99Hz UTHDi:0.25% ITHDi:34.31% KDisp:0.9942 Lamp Flux:2343.47x1 lm		
NAME: HCP-10X2701-4000K 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	78	87	81	77	86	81	77	74
0.80	95	89	85	94	89	85	93	88	85	81
1.00	99	94	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	105	100	97	102	99	96	92
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	98
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	

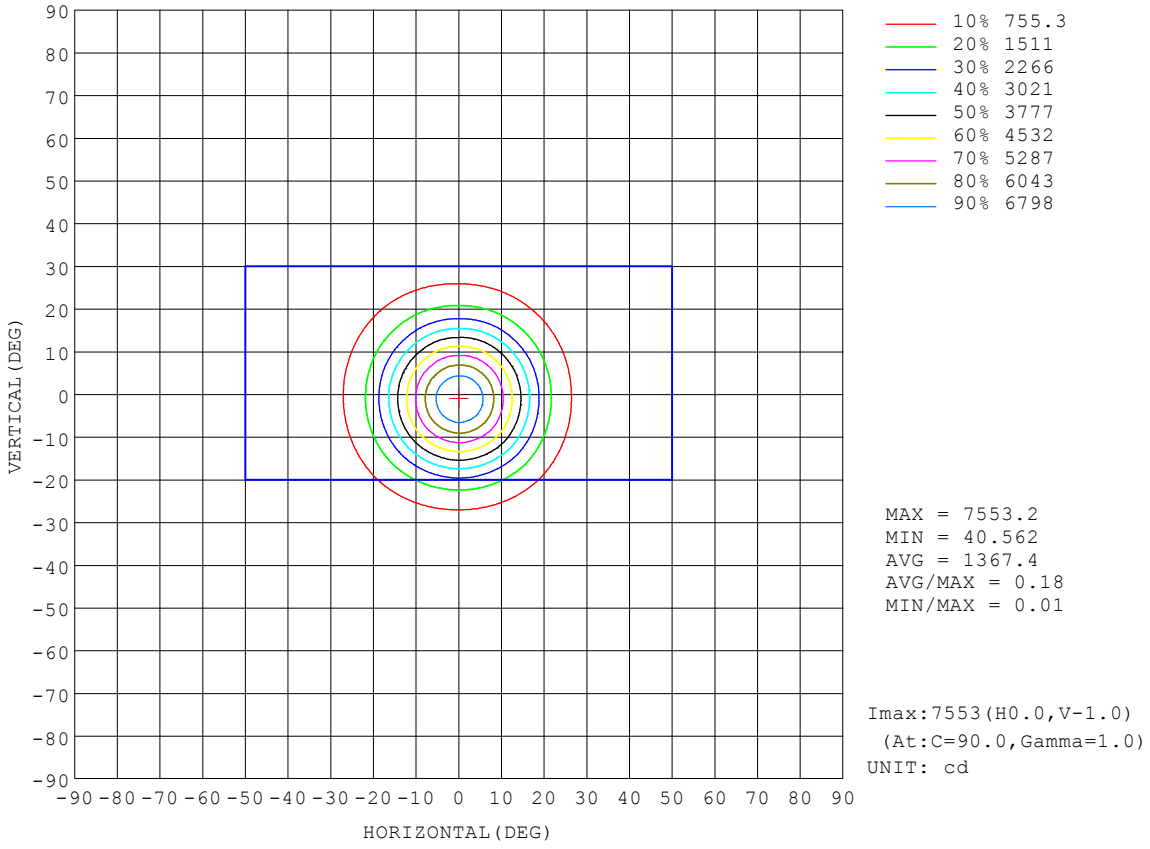
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-14

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-10X2701-4000K RA90 24D WHITE

ISOCANDELA DIAGRAM

Test:U:240.3V I:0.1163A P:27.7W PF:0.9904 Freq:49.99Hz UTHDi:0.25% ITHDi:34.31% KDisp:0.9942 Lamp Flux:2343.47x1 lm		
NAME: HCP-10X2701-4000K 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
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Test Date:2023-11-14

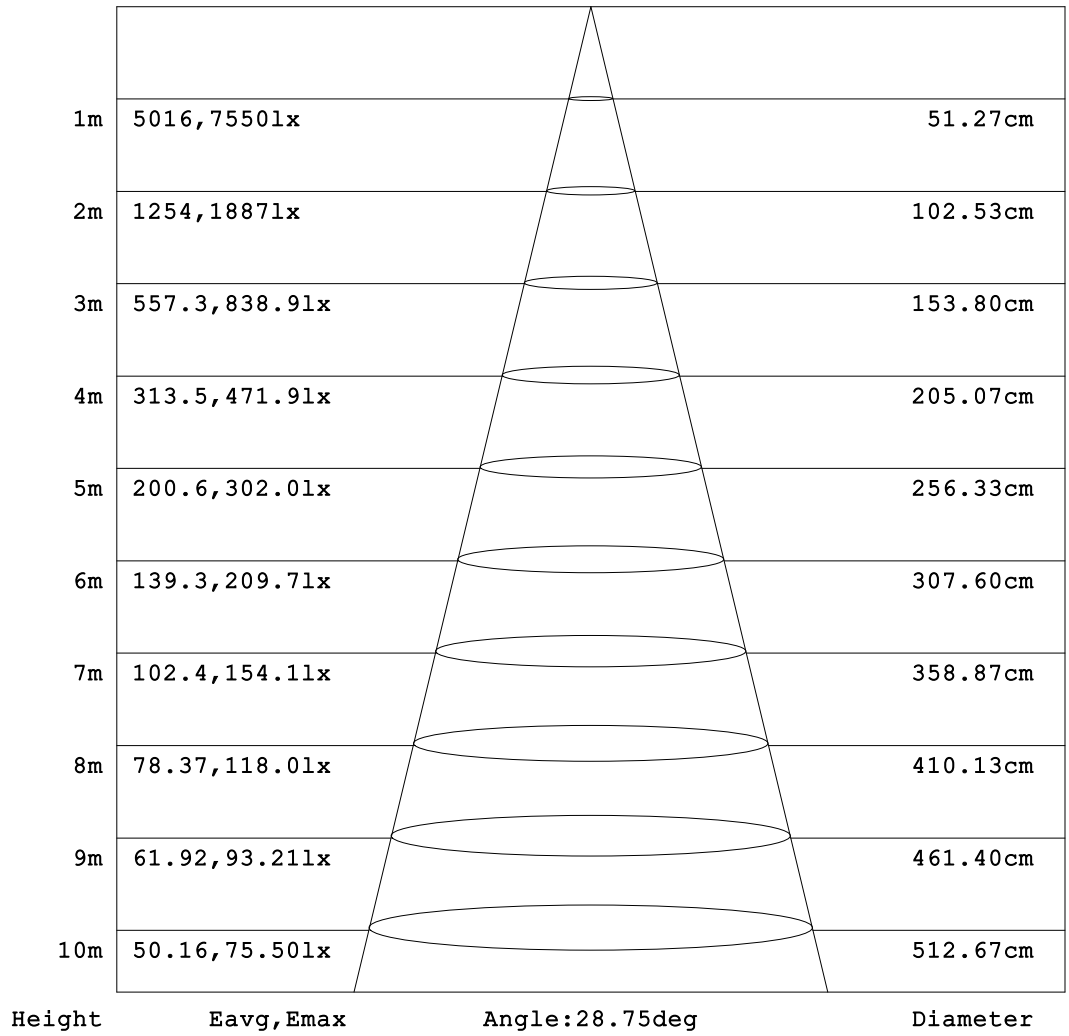
γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks:

Photometric Filename: HCP-10X2701-4000K RA90 24D WHITE

AAI Figure

Test:U:240.3V I:0.1163A P:27.7W PF:0.9904 Freq:49.99Hz UTHDi:0.25% ITHDi:34.31% KDisp:0.9942 Lamp Flux:2343.47x1 lm		
NAME: HCP-10X2701-4000K RA90 24D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

Flux out:1131 lm



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

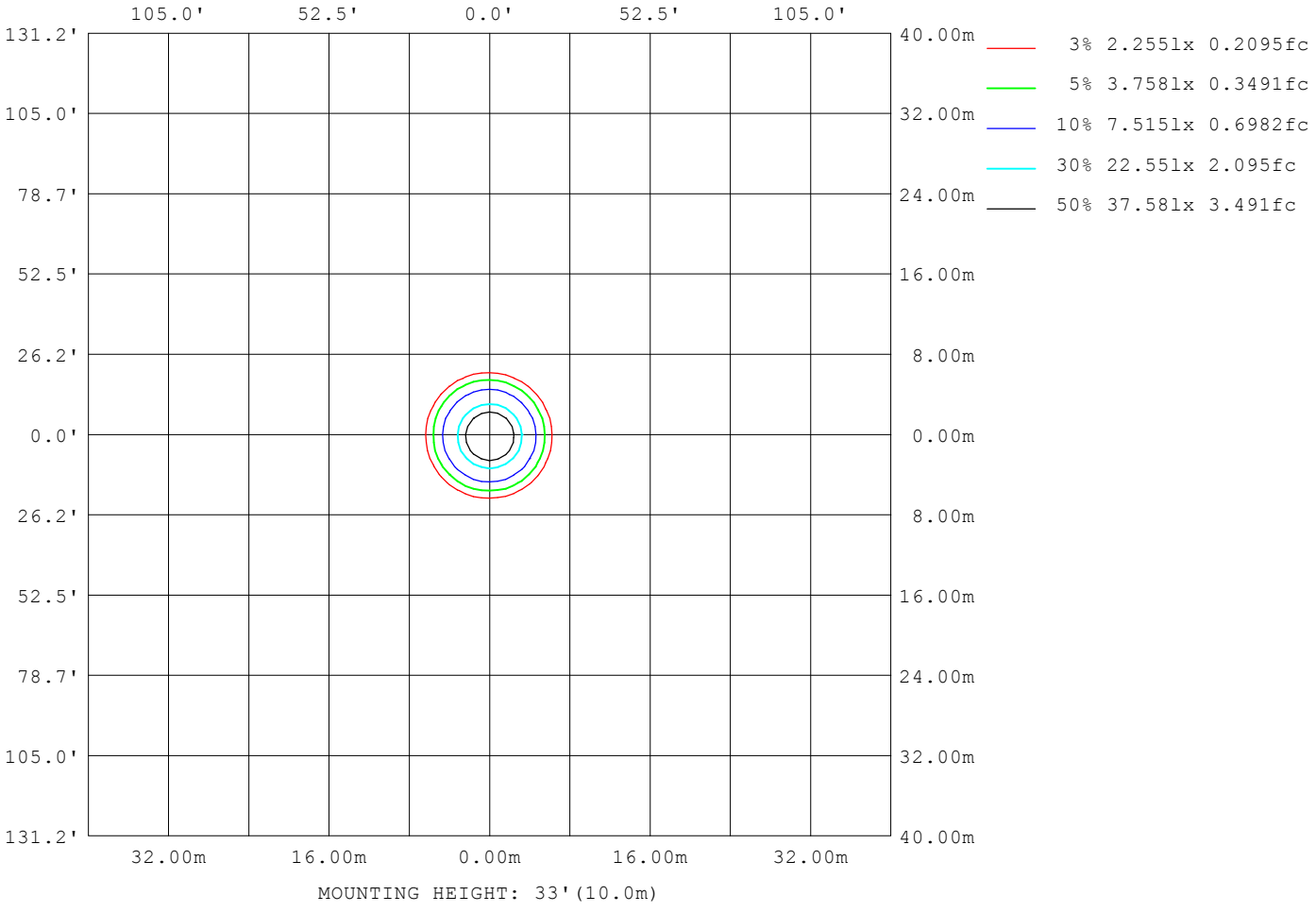
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-14

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-10X2701-4000K RA90 24D WHITE

ISOLUX DIAGRAM

Test:U:240.3V I:0.1163A P:27.7W PF:0.9904 Freq:49.99Hz UTHDi:0.25% ITHDi:34.31% KDisp:0.9942 Lamp Flux:2343.47x1 lm		
NAME: HCP-10X2701-4000K 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:240.3V I:0.1163A P:27.7W PF:0.9904 Freq:49.99Hz UTHDi:0.25% ITHDi:34.31% KDisp:0.9942 Lamp Flux:2343.47x1 lm		
NAME: HCP-10X2701-4000K RA90 24D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

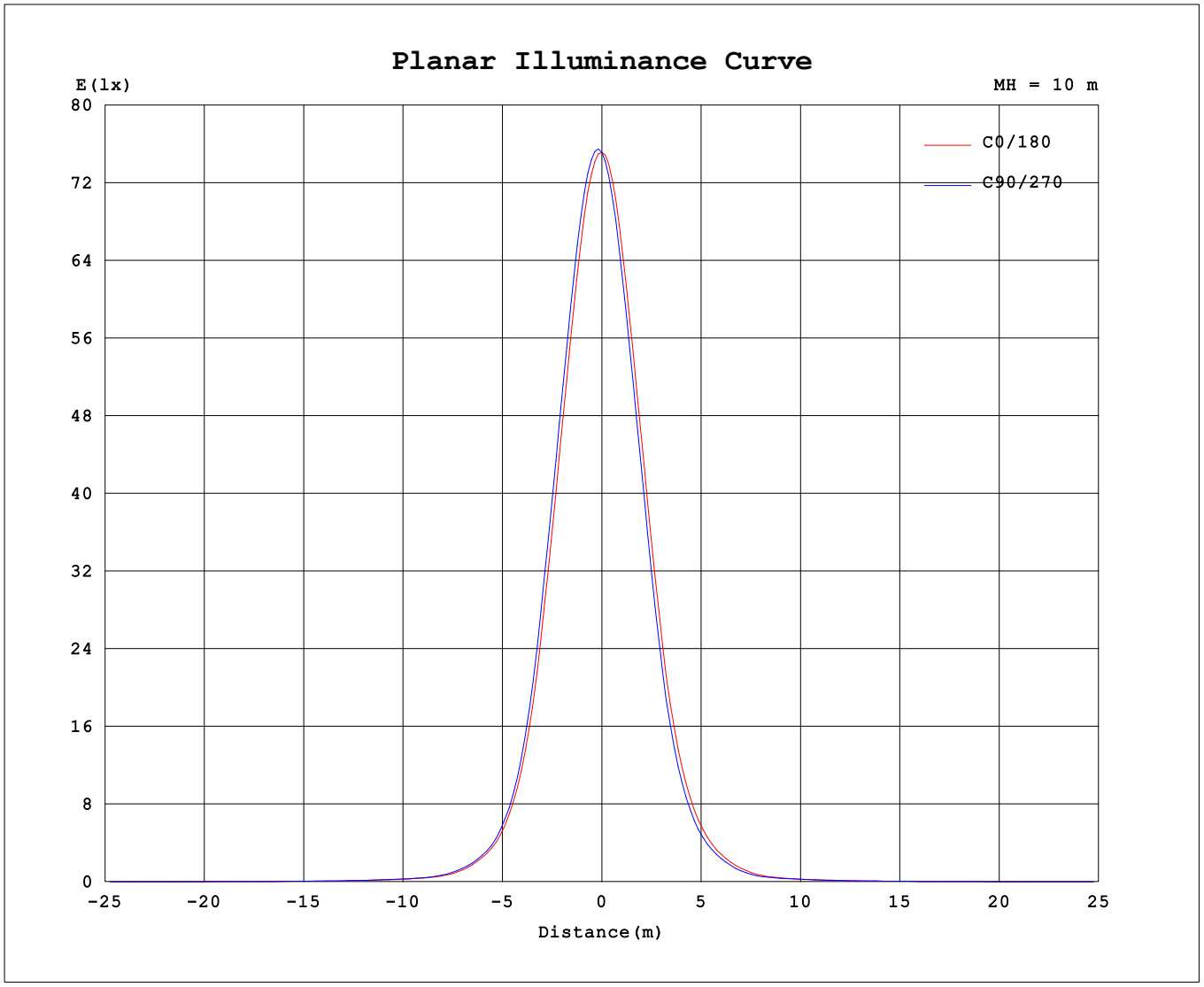
AvgL	cd/m2
L_0~180(65)av	19875
L_0~180(75)av	16884
L_0~180(85)av	12363
L_90~270(65)av	19726
L_90~270(75)av	16822
L_90~270(85)av	12292
L_45(65)av	19782
L_45(75)av	16820
L_45(85)av	12196

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-10X2701-4000K RA90 24D WHITE

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:240.3V I:0.1163A P:27.7W PF:0.9904 Freq:49.99Hz UTHDi:0.25% ITHDi:34.31% KDisp:0.9942 Lamp Flux:2343.47x1 lm		
NAME: HCP-10X2701-4000K RA90 24D 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	7514	7514	7514	7514	7514	7514	7514	7514
5	6939	7134	7183	7057	6845	6642	6595	6714
10	5409	5708	5762	5590	5295	5044	4968	5126
15	3603	3910	3954	3804	3506	3245	3160	3326
20	1916	2135	2143	2098	1926	1769	1672	1755
25	939	1040	1026	1047	994	938	849	879
30	455	507	497	535	512	493	439	448
35	226	258	256	268	255	236	211	216
40	113	126	127	131	123	112	105	108
45	80.7	84.7	85.0	85.8	82.3	77.0	74.7	78.0
50	61.6	64.0	63.7	62.8	59.9	56.7	55.5	58.6
55	45.4	47.1	47.2	46.4	44.4	42.2	41.5	43.2
60	34.5	35.5	35.5	35.4	34.2	33.0	32.7	33.0
65	27.9	29.0	28.9	28.5	27.6	26.3	26.1	26.6
70	21.0	21.9	21.9	21.4	20.5	19.5	19.5	19.9
75	14.8	15.6	15.5	14.9	14.1	13.2	13.3	13.8
80	9.14	9.78	9.67	9.05	8.27	7.56	7.67	8.21
85	4.00	4.53	4.43	3.82	3.11	2.52	2.64	3.16
90	0.12	0.09	0.12	0.09	0.10	0.10	0.12	0.10

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-10X2701-4000K 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	7514	7514	7514	7514	7514	7514	7514	7514
3.0	7316	7435	7469	7400	7269	7131	7098	7179
6.0	6687	6908	6968	6812	6579	6357	6304	6432
9.0	5755	6041	6096	5927	5641	5390	5319	5475
12.0	4698	5010	5057	4893	4592	4331	4246	4415
15.0	3603	3910	3954	3804	3506	3245	3160	3326
18.0	2522	2794	2820	2711	2466	2271	2172	2299
21.0	1665	1858	1859	1819	1680	1560	1461	1527
24.0	1078	1204	1190	1204	1135	1062	975.9	1004
27.0	687.5	770.3	760.8	790.1	759.8	720.1	645.3	657.4
30.0	455.5	506.6	497.0	534.6	512.1	493.0	438.9	447.6
33.0	304.7	341.9	335.9	357.3	343.1	323.3	287.5	295.2
36.0	193.5	224.0	220.9	233.3	220.8	198.4	177.3	183.9
39.0	125.7	142.1	143.2	148.4	138.5	125.8	115.8	120.3
42.0	96.53	103.4	104.2	106.9	101.7	94.81	89.41	93.52
45.0	80.73	84.68	84.95	85.78	82.32	76.96	74.67	78.00
48.0	68.96	71.51	71.57	71.10	68.04	63.81	62.55	65.89
51.0	58.11	60.44	59.99	59.04	56.25	53.35	52.23	55.29
54.0	48.26	50.26	50.19	49.24	47.02	44.65	43.85	45.89
57.0	40.51	41.80	41.95	41.44	39.75	37.85	37.28	38.45
60.0	34.50	35.54	35.54	35.42	34.20	32.96	32.69	33.02
63.0	30.73	31.42	31.43	31.33	30.73	29.27	28.94	29.54
66.0	26.42	27.44	27.43	26.98	26.11	24.94	24.73	25.22
69.0	22.34	23.30	23.24	22.73	21.88	20.83	20.73	21.20
72.0	18.44	19.34	19.26	18.66	17.86	16.92	16.91	17.40
75.0	14.77	15.58	15.46	14.89	14.08	13.23	13.27	13.77
78.0	11.31	12.03	11.91	11.31	10.51	9.763	9.851	10.38
81.0	8.065	8.683	8.575	7.934	7.172	6.494	6.601	7.149
84.0	4.979	5.530	5.423	4.799	4.081	3.460	3.584	4.111
87.0	2.128	2.604	2.528	1.949	1.272	0.7343	0.8465	1.347
90.0	0.1186	0.0906	0.1229	0.0928	0.1031	0.1048	0.1176	0.1022

C Range: 0 - 360DEG
C Interval: 45.0DEG
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γ Range: 0 - 90DEG
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