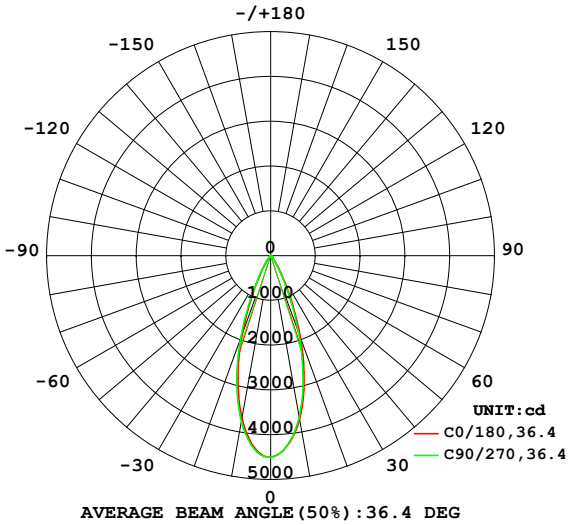
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:240.3V I:0.1034A P:24.4W PF:0.9824 Freq:49.99Hz UTHDi:0.41% ITHDi:8.56% KDisp:0.9883 Lamp Flux:1866.55x1 lm		
NAME: HCP-10X2501-5000K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 55mm	Shielding Angle:

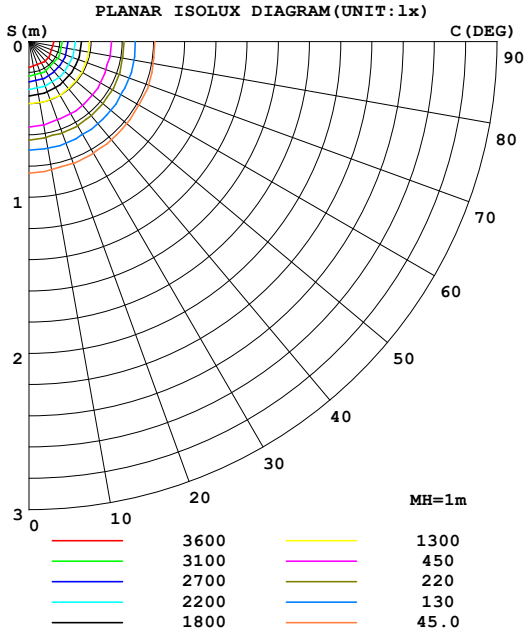
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 76.44 lm/W	
MODEL		Imax(cd)	4502	S/MH(C0/180)	0.58
NOMINAL POWER(W)	25	LOR(%)	100.0	S/MH(C90/270)	0.60
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	1866.6	η UP,DN(C0-180)	0.0,49.4
NOMINAL FLUX(lm)	1866.55	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,50.6
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	240.27	η down(%)	100.0	CIBSE SHR MAX	0.60

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):36.4 DEG

PLANAR ISOLUX DIAGRAM(UNIT:lx)



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-20

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	3715	3690	3665	3660	3692	3752	3772	3763	0- 10	390.6	390.6	20.9,20.9
20	1949	1894	1826	1803	1839	1874	1969	2019	10- 20	779.6	1170	62.7,62.7
30	492.8	457.1	433.2	441.4	430.1	435.1	472.9	514.4	20- 30	477.7	1648	88.3,88.3
40	96.79	83.25	74.43	73.63	75.20	78.02	91.43	101.3	30- 40	138.6	1787	95.7,95.7
50	27.74	25.82	24.29	24.27	25.13	26.43	28.11	28.32	40- 50	34.65	1821	97.6,97.6
60	18.90	18.43	17.77	17.29	17.71	18.82	19.88	19.60	50- 60	19.24	1840	98.6,98.6
70	12.18	11.43	10.75	10.61	10.99	11.76	12.69	12.75	60- 70	15.17	1856	99.4,99.4
80	5.267	4.753	4.349	4.283	4.539	4.950	5.496	5.560	70- 80	8.610	1864	99.9,99.9
90	0.0777	0.0619	0.0920	0.0677	0.0701	0.0616	0.0695	0.0584	80- 90	2.327	1867	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): 1807.9 lm

%lum = 96.9%
%lamp = 96.9%

Conical surface Flux(120deg): 1840.4 lm

%lum = 98.6%
%lamp = 98.6%

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-20

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:

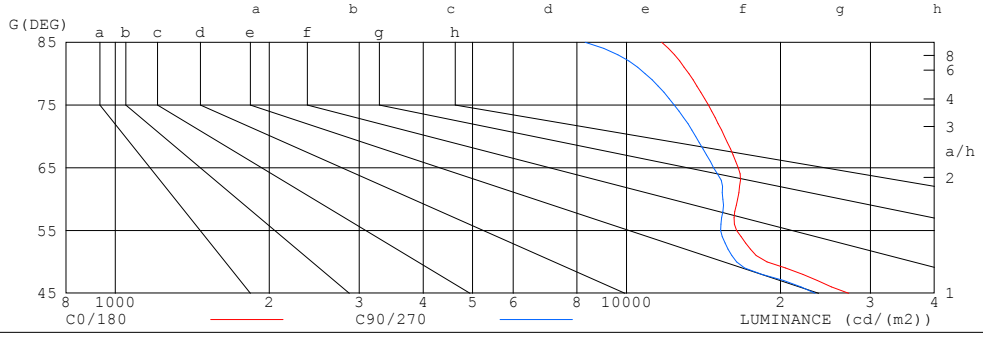
Photometric Filename: HCP-10X2501-5000K RA90 36D WHITE

LUMINANCE LIMITATION CURVES

Test:U:240.3V I:0.1034A P:24.4W PF:0.9824 Freq:49.99Hz **UTHDi:0.41% ITHDi:8.56% KDisp:0.9883 Lamp Flux:1866.55x1 lm**		
NAME: HCP-10X2501-5000K RA90 36D WHITE	**TYPE:**	**WEIGHT:**
SPEC.:	**DIM.:**	**SERIAL No.:**
MFR.: Havit Commercial	**SUR.: 55mm**	**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	11723	8297
80	13238	10874
75	14454	12398
70	15545	13647
65	16546	14808
60	16498	15432
55	16424	15274
50	18836	16409
45	27213	23391

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-20

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:

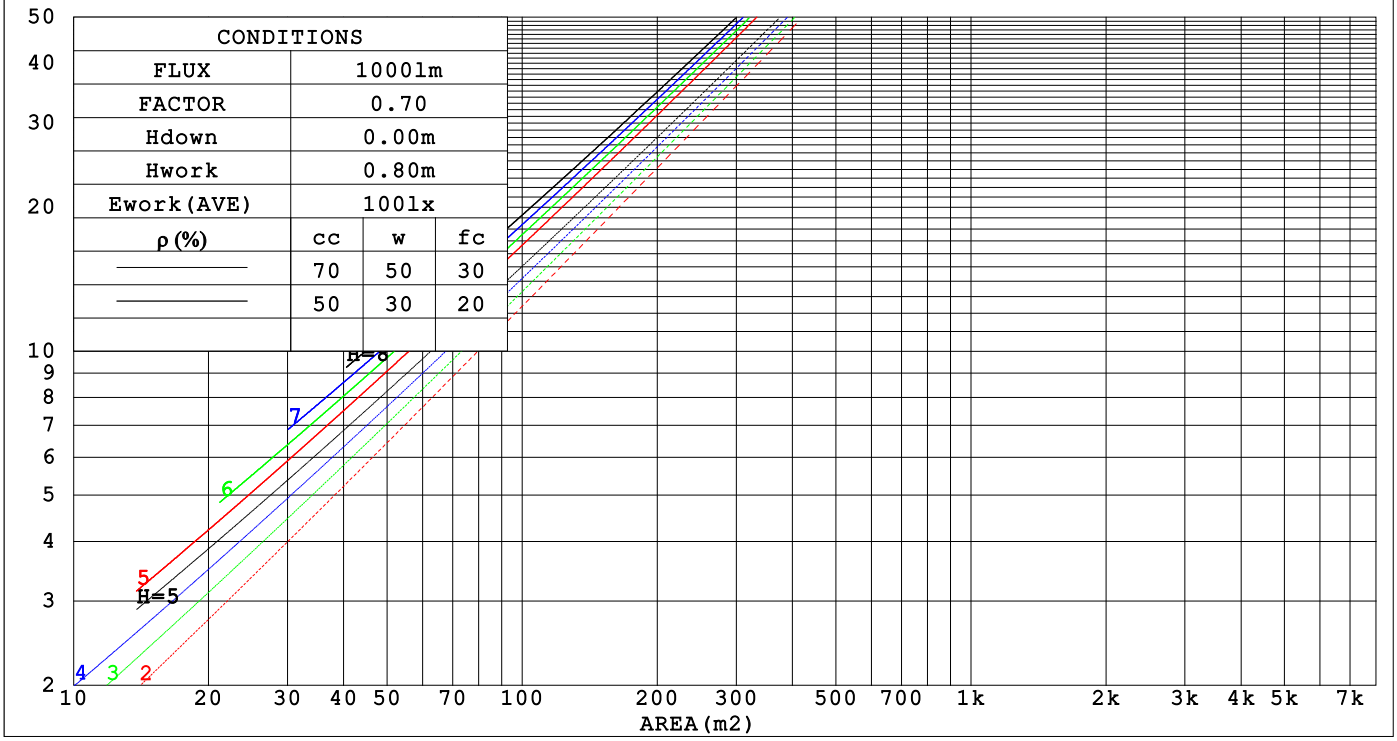
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:240.3V I:0.1034A P:24.4W PF:0.9824 Freq:49.99Hz UTHDi:0.41% ITHDi:8.56% KDisp:0.9883 Lamp Flux:1866.55x1 lm		
NAME: HCP-10X2501-5000K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 55mm	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	.97	.95	.94	.95	.93	.92	.90
3.0	.00	.95	.92	.98	.94	.91	.96	.92	.90	.93	.91	.88	.91	.89	.87	.86
4.0	.95	.90	.86	.93	.89	.86	.91	.88	.85	.90	.86	.84	.88	.85	.83	.82
5.0	.90	.85	.82	.89	.85	.81	.87	.84	.80	.86	.82	.80	.84	.81	.79	.78
6.0	.86	.81	.77	.85	.81	.77	.84	.80	.77	.83	.79	.76	.81	.78	.76	.74
7.0	.82	.77	.74	.82	.77	.74	.80	.76	.73	.79	.76	.73	.78	.75	.72	.71
8.0	.79	.74	.70	.78	.74	.70	.77	.73	.70	.76	.73	.70	.75	.72	.69	.68
9.0	.76	.71	.67	.75	.71	.67	.74	.70	.67	.74	.70	.67	.73	.69	.67	.66
10.0	.73	.68	.65	.72	.68	.65	.72	.67	.65	.71	.67	.64	.70	.67	.64	.63

LAMPS

LUMINAIRE BUDGETARY DIAGRAM



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-20

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:0.1034A P:24.4W PF:0.9824 Freq:49.99Hz UTHDi:0.41% ITHDi:8.56% KDisp:0.9883 Lamp Flux:1866.55x1 lm		
NAME: HCP-10X2501-5000K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 55mm	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	.091	.029	.153	.087	.028	.140	.080	.026	.129	.074	.024	.118	.068	.022	
2.0	.149	.082	.025	.144	.079	.024	.133	.074	.023	.124	.069	.022	.115	.065	.020	
3.0	.140	.075	.022	.136	.073	.022	.127	.069	.021	.119	.065	.020	.111	.062	.019	
4.0	.132	.069	.020	.128	.067	.020	.121	.064	.019	.114	.061	.018	.107	.058	.018	
5.0	.125	.064	.018	.122	.062	.018	.115	.060	.018	.109	.058	.017	.103	.055	.017	
6.0	.119	.059	.017	.116	.058	.017	.110	.056	.016	.105	.054	.016	.100	.053	.016	
7.0	.113	.056	.016	.110	.055	.016	.105	.053	.015	.101	.052	.015	.097	.050	.015	
8.0	.108	.053	.015	.106	.052	.015	.101	.051	.014	.097	.049	.014	.093	.048	.014	
9.0	.103	.050	.014	.101	.049	.014	.097	.048	.014	.094	.047	.013	.090	.046	.013	
10.0	.099	.047	.013	.097	.047	.013	.094	.046	.013	.090	.045	.013	.087	.044	.013	

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	.069	.052	.046	.041	.017	.015	.013	
3.0	.139	.113	.093	.120	.098	.080	.082	.068	.056	.047	.040	.033	.015	.013	.011	
4.0	.128	.098	.076	.110	.085	.066	.076	.059	.046	.044	.035	.027	.014	.011	.009	
5.0	.118	.086	.063	.102	.075	.055	.070	.052	.039	.041	.031	.023	.013	.010	.008	
6.0	.110	.077	.053	.095	.066	.046	.065	.047	.033	.038	.027	.019	.012	.009	.006	
7.0	.103	.069	.045	.089	.060	.039	.061	.042	.028	.036	.025	.017	.011	.008	.005	
8.0	.097	.062	.039	.083	.054	.034	.058	.038	.024	.034	.022	.014	.011	.007	.005	
9.0	.092	.057	.034	.079	.049	.029	.055	.035	.021	.032	.021	.012	.010	.007	.004	
10.0	.087	.052	.029	.075	.045	.026	.052	.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:2023-11-20

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-10X2501-5000K RA90 36D WHITE

UGR(Unified Glare Rating) Table

Test:U:240.3V I:0.1034A P:24.4W PF:0.9824 Freq:49.99Hz UTHDi:0.41% ITHDi:8.56% KDisp:0.9883 Lamp Flux:1866.55x1 lm		
NAME: HCP-10X2501-5000K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 55mm	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	17.6	18.4	17.8	18.5	18.7	17.0	17.8	17.2	18.0	18.1
	3H	18.1	18.8	18.3	19.0	19.2	17.5	18.2	17.7	18.4	18.6
	4H	18.3	19.0	18.6	19.2	19.4	17.7	18.4	18.0	18.6	18.8
	6H	18.5	19.1	18.8	19.4	19.6	17.9	18.5	18.2	18.8	19.0
	8H	18.6	19.2	18.9	19.4	19.7	17.9	18.5	18.2	18.8	19.0
	12H	18.6	19.2	18.9	19.5	19.7	17.9	18.5	18.2	18.8	19.1
4H	2H	17.6	18.3	17.9	18.5	18.7	17.1	17.8	17.4	18.0	18.2
	3H	18.3	18.9	18.6	19.2	19.4	17.8	18.4	18.1	18.6	18.9
	4H	18.6	19.2	19.0	19.5	19.8	18.1	18.7	18.4	19.0	19.3
	6H	18.9	19.4	19.3	19.8	20.1	18.4	18.8	18.7	19.2	19.5
	8H	19.0	19.5	19.4	19.8	20.2	18.4	18.9	18.8	19.2	19.6
	12H	19.1	19.5	19.5	19.9	20.3	18.5	18.9	18.9	19.3	19.6
8H	4H	18.7	19.2	19.1	19.5	19.9	18.2	18.7	18.6	19.0	19.4
	6H	19.1	19.5	19.5	19.9	20.3	18.6	18.9	19.0	19.3	19.7
	8H	19.3	19.6	19.7	20.0	20.4	18.7	19.0	19.1	19.4	19.9
	12H	19.4	19.7	19.8	20.1	20.6	18.8	19.0	19.2	19.5	19.9
12H	4H	18.7	19.1	19.1	19.5	19.9	18.2	18.6	18.6	19.0	19.4
	6H	19.1	19.4	19.5	19.8	20.3	18.6	18.9	19.0	19.3	19.8
	8H	19.3	19.6	19.7	20.0	20.5	18.7	19.0	19.2	19.4	19.9

Variations with the observer position at spacings(CIE Pub.117):		
S = 1.0H	+ 1.6 / - 1.2	+ 1.3 / - 1.1
1.5H	+ 3.1 / - 1.1	+ 2.7 / - 1.1
2.0H	+ 0.8 / - 0.4	+ 0.6 / - 0.4

CIE Pub.117, 1867 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 2.2)
Area: 0.0023 m2

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-20

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-10X2501-5000K RA90 36D WHITE

UTILIZATION FACTORS TABLE

Test:U:240.3V I:0.1034A P:24.4W PF:0.9824 Freq:49.99Hz UTHDi:0.41% ITHDi:8.56% KDisp:0.9883 Lamp Flux:1866.55x1 lm		
NAME: HCP-10X2501-5000K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 55mm	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	89	83	79	88	83	79	88	82	79	76
0.80	96	90	87	95	90	87	94	90	86	83
1.00	100	95	91	99	94	91	98	94	90	87
1.25	104	99	96	103	98	95	101	97	94	90
1.50	106	102	99	105	101	98	103	100	97	93
2.00	109	105	102	107	104	101	105	102	99	94
2.50	111	107	104	109	106	103	106	103	101	95
3.00	112	109	106	110	107	105	107	105	103	96
4.00	114	111	109	112	110	108	108	107	105	98
5.00	115	113	111	113	111	110	109	108	107	99
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended					SHRNOM = 1.25	

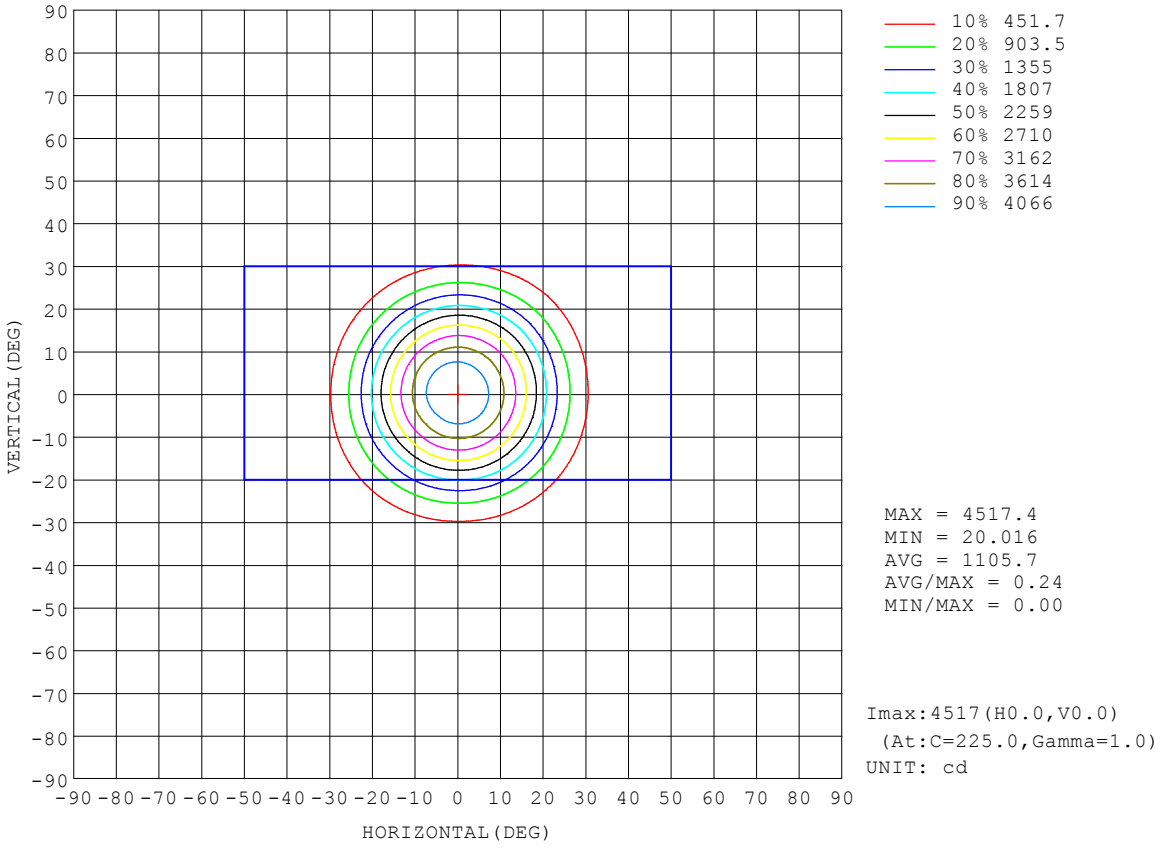
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-20

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-10X2501-5000K RA90 36D WHITE

ISOCANDELA DIAGRAM

Test:U:240.3V I:0.1034A P:24.4W PF:0.9824 Freq:49.99Hz UTHDi:0.41% ITHDi:8.56% KDisp:0.9883 Lamp Flux:1866.55x1 lm		
NAME: HCP-10X2501-5000K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 55mm	Shielding Angle:



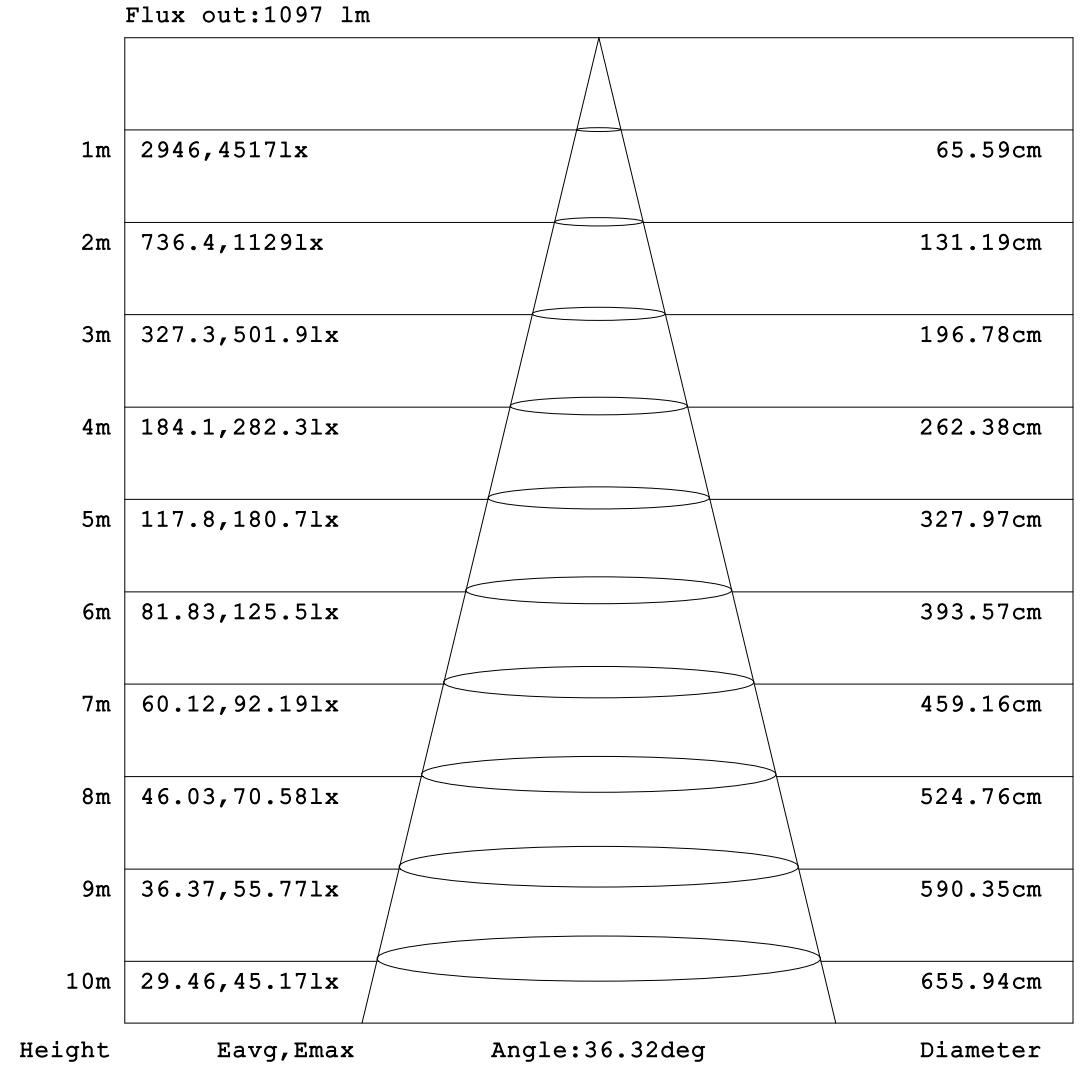
C Range: 0 - 360DEG
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Test Speed: HIGH
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Test Date:2023-11-20

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-10X2501-5000K RA90 36D WHITE

AAI Figure

Test:U:240.3V I:0.1034A P:24.4W PF:0.9824 Freq:49.99Hz UTHDi:0.41% ITHDi:8.56% KDisp:0.9883 Lamp Flux:1866.55x1 lm		
NAME: HCP-10X2501-5000K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 55mm	Shielding Angle:



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

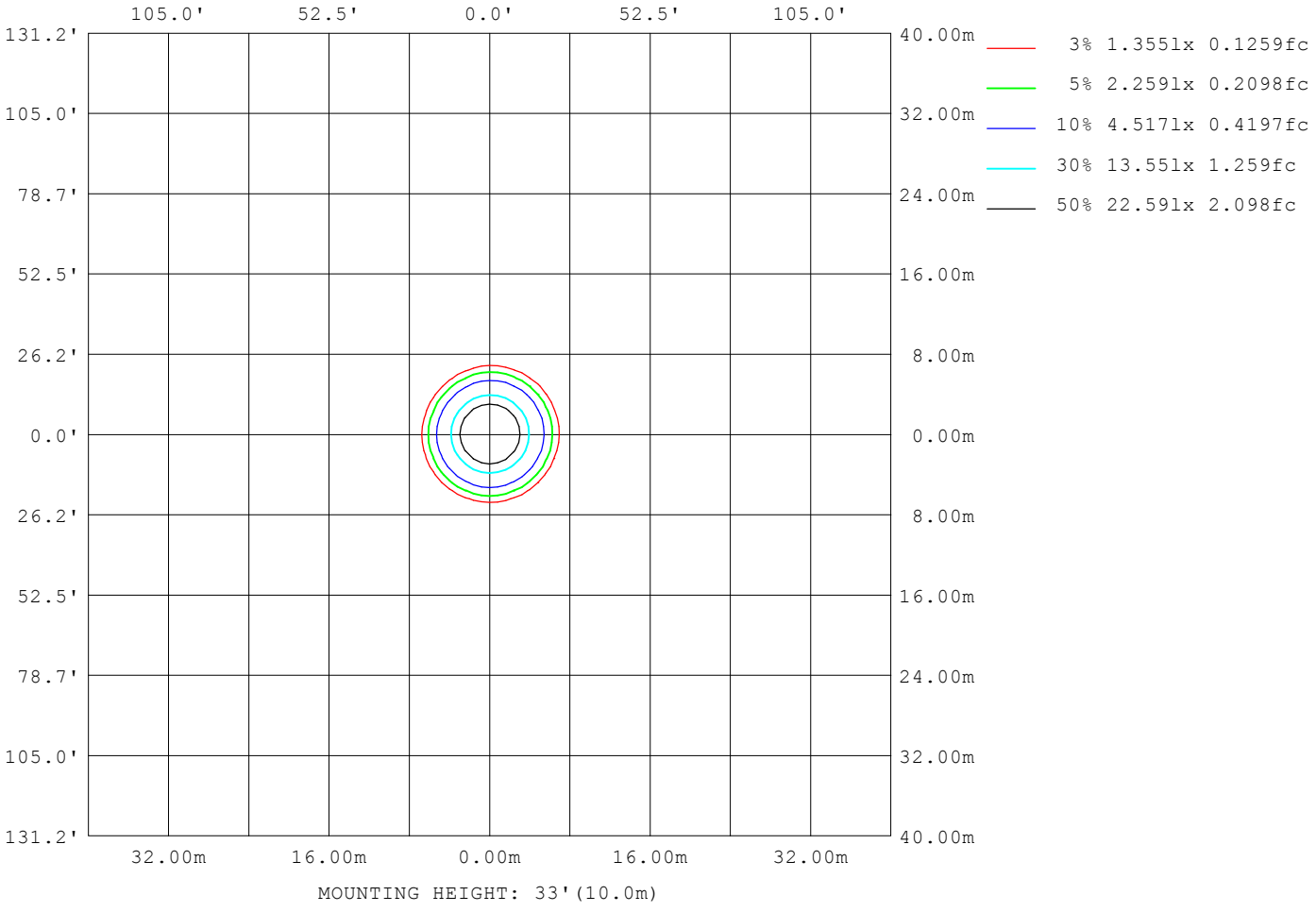
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-20

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-10X2501-5000K RA90 36D WHITE

ISOLUX DIAGRAM

Test:U:240.3V I:0.1034A P:24.4W PF:0.9824 Freq:49.99Hz UTHDi:0.41% ITHDi:8.56% KDisp:0.9883 Lamp Flux:1866.55x1 lm		
NAME: HCP-10X2501-5000K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 55mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-20

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:0.1034A P:24.4W PF:0.9824 Freq:49.99Hz UTHDi:0.41% ITHDi:8.56% KDisp:0.9883 Lamp Flux:1866.55x1 lm		
NAME: HCP-10X2501-5000K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 55mm	Shielding Angle:

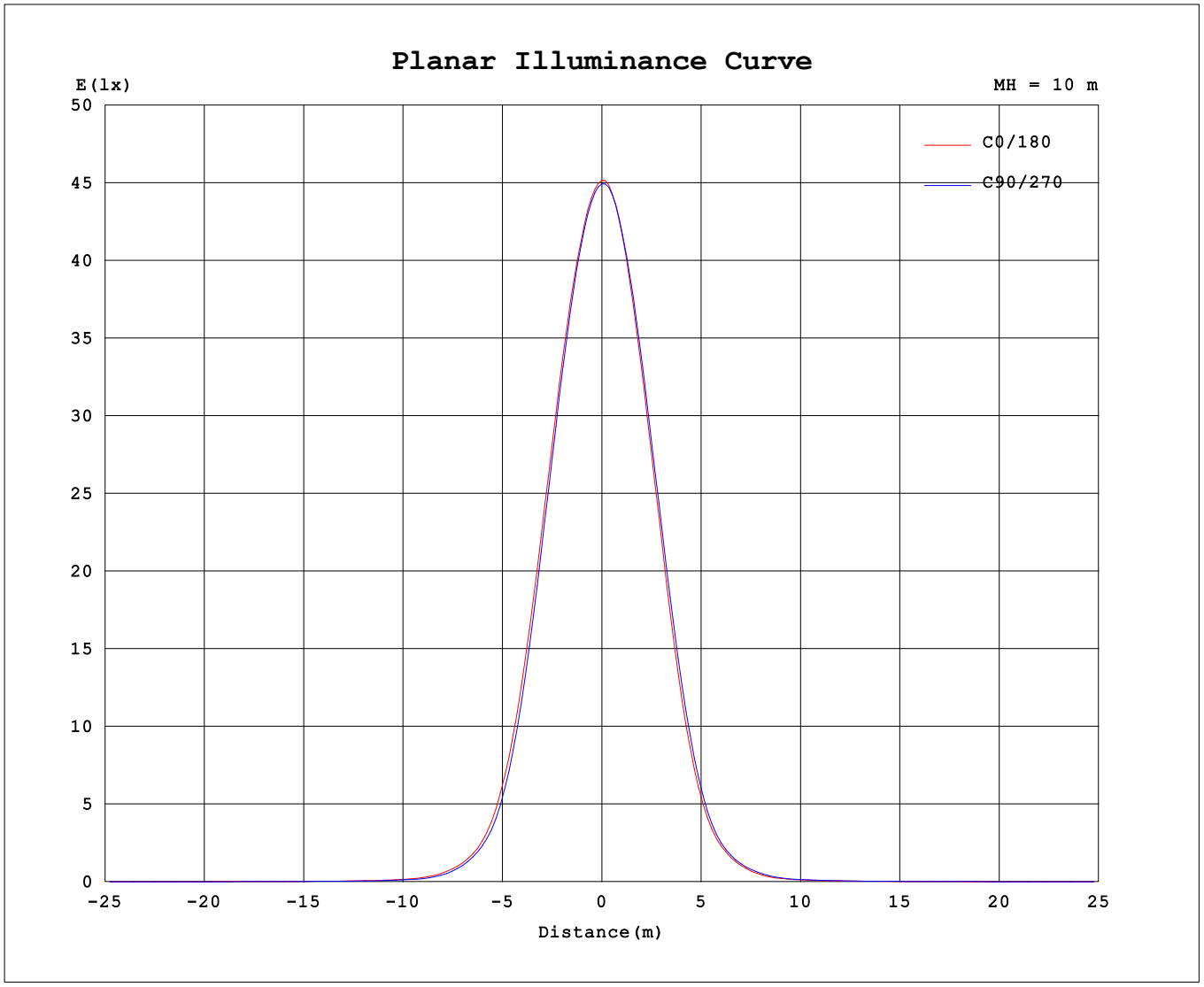
AvgL	cd/m2
L_0~180(65)av	15764
L_0~180(75)av	13591
L_0~180(85)av	10307
L_90~270(65)av	16045
L_90~270(75)av	13684
L_90~270(85)av	10248
L_45(65)av	15874
L_45(75)av	13610
L_45(85)av	10127

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-20

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:2023-11-20

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-10X2501-5000K RA90 36D WHITE

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:240.3V I:0.1034A P:24.4W PF:0.9824 Freq:49.99Hz UTHDi:0.41% ITHDi:8.56% KDisp:0.9883 Lamp Flux:1866.55x1 lm		
NAME: HCP-10X2501-5000K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 55mm	Shielding Angle:

Table--1 UNIT: cd

C(DEG) / γ (DEG)	0	45	90	135	180	225	270	315
0	4500	4500	4500	4500	4500	4500	4500	4500
5	4261	4260	4255	4263	4291	4307	4325	4294
10	3715	3690	3665	3660	3692	3752	3772	3763
15	2897	2843	2807	2798	2836	2878	2942	2971
20	1949	1894	1826	1803	1839	1874	1969	2019
25	1082	1027	969	966	972	993	1074	1120
30	493	457	433	441	430	435	473	514
35	223	210	194	198	193	192	216	235
40	96.8	83.3	74.4	73.6	75.2	78.0	91.4	101
45	44.1	40.4	38.1	38.3	39.2	40.7	43.4	45.4
50	27.7	25.8	24.3	24.3	25.1	26.4	28.1	28.3
55	21.6	20.9	20.2	19.6	19.9	21.0	22.3	22.2
60	18.9	18.4	17.8	17.3	17.7	18.8	19.9	19.6
65	16.0	15.2	14.4	14.2	14.6	15.6	16.8	16.7
70	12.2	11.4	10.7	10.6	11.0	11.8	12.7	12.7
75	8.57	7.92	7.39	7.30	7.61	8.20	8.90	9.00
80	5.27	4.75	4.35	4.28	4.54	4.95	5.50	5.56
85	2.34	1.95	1.67	1.59	1.79	2.06	2.44	2.51
90	0.08	0.06	0.09	0.07	0.07	0.06	0.07	0.06

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-10X2501-5000K 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	4500	4500	4500	4500	4500	4500	4500	4500
3.0	4404	4399	4400	4411	4433	4441	4450	4431
6.0	4173	4174	4165	4172	4204	4223	4239	4207
9.0	3850	3828	3807	3805	3837	3888	3909	3890
12.0	3414	3383	3351	3343	3373	3427	3468	3474
15.0	2897	2843	2807	2798	2836	2878	2942	2971
18.0	2336	2270	2221	2200	2243	2281	2368	2410
21.0	1763	1706	1634	1610	1644	1676	1771	1822
24.0	1238	1181	1118	1109	1123	1148	1236	1276
27.0	806.7	754.5	704.7	714.6	708.4	717.4	786.0	847.0
30.0	492.8	457.1	433.2	441.4	430.1	435.1	472.9	514.4
33.0	302.4	286.6	269.4	276.3	266.4	267.0	292.2	318.8
36.0	191.6	175.7	163.4	165.0	161.8	162.0	182.4	202.1
39.0	115.2	100.9	92.83	90.21	91.58	95.64	109.9	121.3
42.0	67.67	58.23	52.04	51.97	53.51	56.04	64.06	70.71
45.0	44.09	40.37	38.09	38.33	39.23	40.75	43.44	45.44
48.0	33.94	31.42	28.35	27.91	29.13	31.25	33.85	34.50
51.0	25.86	24.52	23.27	23.18	23.94	25.10	26.42	26.39
54.0	22.58	21.70	20.82	20.09	20.53	21.75	23.13	23.09
57.0	20.26	19.82	19.24	18.67	19.10	20.15	21.19	20.92
60.0	18.90	18.43	17.77	17.29	17.71	18.82	19.88	19.60
63.0	17.37	16.74	16.01	15.63	16.08	17.16	18.23	18.05
66.0	15.24	14.44	13.67	13.45	13.89	14.84	15.89	15.92
69.0	12.93	12.16	11.45	11.31	11.71	12.52	13.47	13.54
72.0	10.70	9.988	9.380	9.252	9.606	10.31	11.12	11.21
75.0	8.571	7.918	7.390	7.297	7.609	8.196	8.902	8.997
78.0	6.545	5.977	5.522	5.445	5.721	6.209	6.814	6.891
81.0	4.649	4.165	3.786	3.716	3.961	4.346	4.848	4.915
84.0	2.893	2.488	2.174	2.108	2.321	2.614	3.024	3.091
87.0	1.264	0.9212	0.6495	0.5788	0.7408	0.9883	1.327	1.401
90.0	0.0777	0.0619	0.0920	0.0677	0.0701	0.0616	0.0695	0.0584

C Range: 0 - 360DEG
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