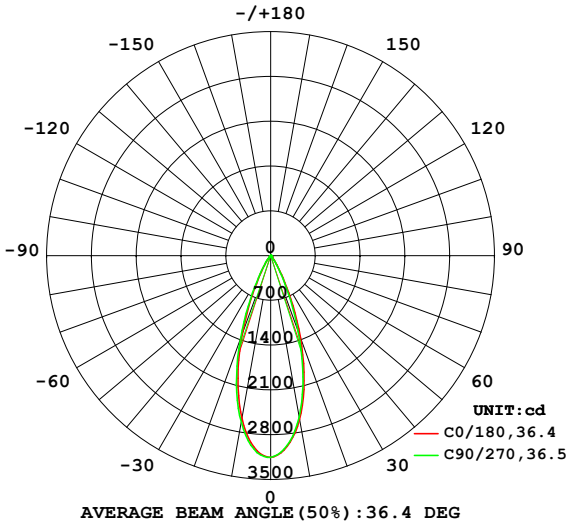
Photometric Filename: HCP-10X2501-2700K RA90 36D WHITE

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:240.3V I:0.0781A P:18.2W PF:0.9697 Freq:49.99Hz UTHDi:0.37% ITHDi:10.84% KDisp:0.9792 Lamp Flux:1305.04x1 lm		
NAME: HCP-10X2501-2700K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 55mm	Shielding Angle:

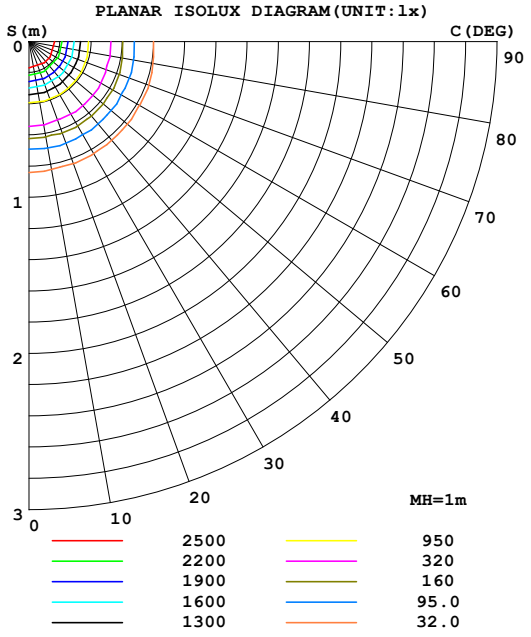
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 71.70 lm/W	
MODEL		Imax(cd)	3154	S/MH(C0/180)	0.58
NOMINAL POWER(W)	19	LOR(%)	100.0	S/MH(C90/270)	0.60
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	1305.0	η UP,DN(C0-180)	0.0,49.3
NOMINAL FLUX(lm)	1305.04	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,50.7
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	240.23	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:

Photometric Filename: HCP-10X2501-2700K 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	2603	2601	2566	2548	2590	2651	2649	2619	0- 10	273.9	273.9	21,21
20	1361	1349	1270	1224	1291	1353	1389	1374	10- 20	546.2	820.1	62.8,62.8
30	341.2	338.1	299.8	281.8	299.6	328.7	333.9	333.6	20- 30	333.3	1153	88.4,88.4
40	66.68	61.66	51.00	46.91	51.97	57.85	63.99	65.44	30- 40	96.14	1250	95.7,95.7
50	19.24	18.10	16.88	16.78	17.41	18.43	19.90	19.48	40- 50	23.96	1273	97.6,97.6
60	13.17	12.91	12.41	11.96	12.30	13.20	13.85	13.59	50- 60	13.39	1287	98.6,98.6
70	8.503	8.022	7.489	7.318	7.635	8.284	8.825	8.828	60- 70	10.56	1297	99.4,99.4
80	3.667	3.334	3.021	2.943	3.150	3.486	3.823	3.830	70- 80	5.992	1303	99.9,99.9
90	0.0485	0.0411	0.0601	0.0425	0.0430	0.0376	0.0446	0.0370	80- 90	1.616	1305	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): 1264.2 lm

%lum = 96.9%
%lamp = 96.9%

Conical surface Flux(120deg): 1286.9 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:

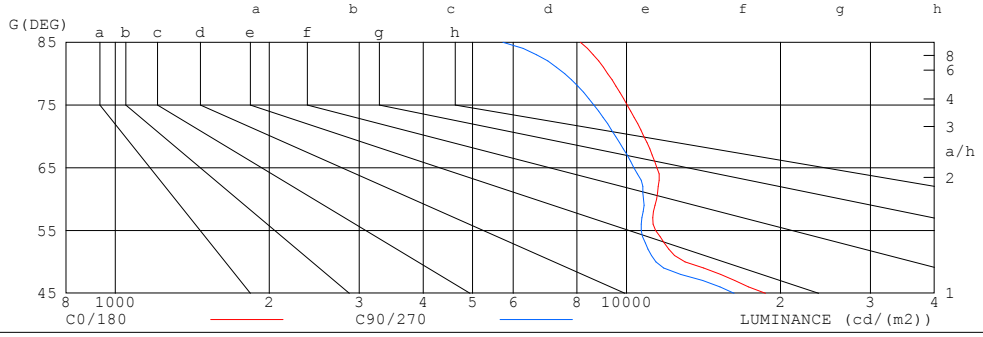
Photometric Filename: HCP-10X2501-2700K RA90 36D WHITE

LUMINANCE LIMITATION CURVES

Test:U:240.3V I:0.0781A P:18.2W PF:0.9697 Freq:49.99Hz **UTHDi:0.37% ITHDi:10.84% KDisp:0.9792 Lamp Flux:1305.04x1 lm**		
NAME: HCP-10X2501-2700K 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	8124	5734
80	9184	7566
75	10029	8630
70	10814	9524
65	11474	10334
60	11457	10792
55	11397	10677
50	13021	11420
45	18707	16229

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:

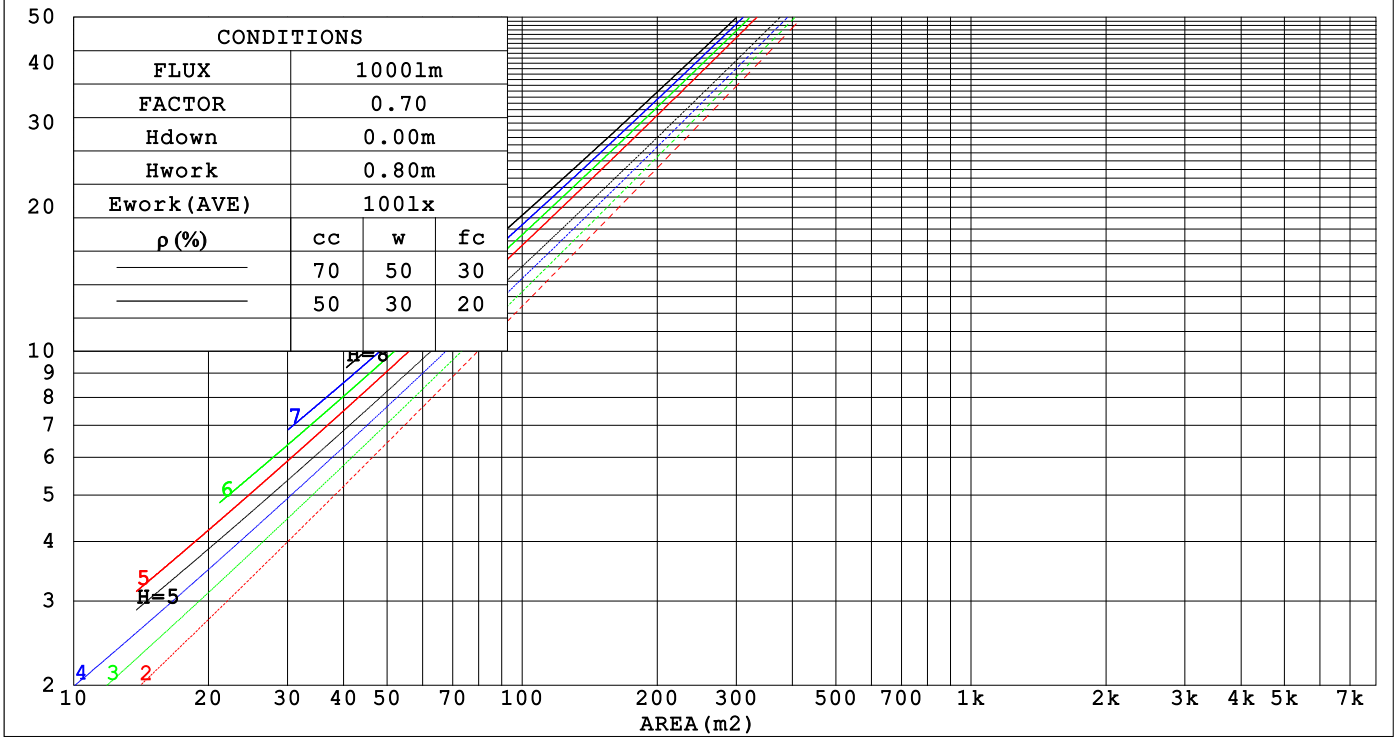
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:240.3V I:0.0781A P:18.2W PF:0.9697 Freq:49.99Hz UTHDi:0.37% ITHDi:10.84% KDisp:0.9792 Lamp Flux:1305.04x1 lm		
NAME: HCP-10X2501-2700K 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	.98	.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	.94	.89	.86	.91	.88	.85	.90	.86	.84	.88	.85	.83	.82
5.0	.90	.85	.82	.89	.85	.81	.88	.84	.81	.86	.83	.80	.84	.82	.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	.71	.78	.74	.70	.77	.73	.70	.76	.73	.70	.76	.72	.70	.68
9.0	.76	.71	.68	.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:

Photometric Filename: HCP-10X2501-2700K RA90 36D WHITE

WEC AND CCEC

Test:U:240.3V I:0.0781A P:18.2W PF:0.9697 Freq:49.99Hz UTHDi:0.37% ITHDi:10.84% KDisp:0.9792 Lamp Flux:1305.04x1 lm		
NAME: HCP-10X2501-2700K 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	.090	.029	.152	.087	.028	.140	.080	.026	.128	.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	.135	.072	.022	.127	.069	.021	.118	.065	.020	.111	.061	.019	
4.0	.132	.069	.020	.128	.067	.020	.121	.064	.019	.114	.061	.018	.107	.058	.018	
5.0	.125	.064	.018	.121	.062	.018	.115	.060	.018	.109	.057	.017	.103	.055	.017	
6.0	.118	.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	.096	.050	.015	
8.0	.108	.053	.015	.105	.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	.070	.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	.091	.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:

UGR(Unified Glare Rating) Table

Test:U:240.3V I:0.0781A P:18.2W PF:0.9697 Freq:49.99Hz UTHDi:0.37% ITHDi:10.84% KDisp:0.9792 Lamp Flux:1305.04x1 lm		
NAME: HCP-10X2501-2700K 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	16.4	17.2	16.6	17.3	17.5	15.9	16.7	16.1	16.8	17.0
	3H	16.9	17.6	17.1	17.8	18.0	16.3	17.1	16.6	17.3	17.4
	4H	17.1	17.8	17.4	18.0	18.2	16.5	17.2	16.8	17.4	17.7
	6H	17.3	17.9	17.6	18.2	18.4	16.7	17.3	17.0	17.6	17.8
	8H	17.3	18.0	17.6	18.2	18.5	16.7	17.4	17.0	17.6	17.9
	12H	17.4	18.0	17.7	18.2	18.5	16.7	17.3	17.1	17.6	17.9
4H	2H	16.4	17.1	16.7	17.3	17.6	16.0	16.7	16.2	16.9	17.1
	3H	17.1	17.7	17.4	18.0	18.2	16.6	17.2	16.9	17.5	17.7
	4H	17.4	18.0	17.8	18.3	18.6	16.9	17.5	17.3	17.8	18.1
	6H	17.7	18.2	18.1	18.5	18.9	17.2	17.7	17.5	18.0	18.3
	8H	17.8	18.3	18.2	18.6	19.0	17.2	17.7	17.6	18.0	18.4
	12H	17.9	18.3	18.3	18.7	19.1	17.3	17.7	17.7	18.1	18.4
8H	4H	17.5	17.9	17.9	18.3	18.7	17.0	17.5	17.4	17.8	18.2
	6H	17.9	18.3	18.3	18.6	19.1	17.4	17.7	17.8	18.1	18.5
	8H	18.0	18.4	18.5	18.8	19.2	17.5	17.8	17.9	18.2	18.7
	12H	18.1	18.4	18.6	18.9	19.3	17.6	17.8	18.0	18.3	18.7
12H	4H	17.5	17.9	17.9	18.3	18.6	17.0	17.4	17.4	17.8	18.2
	6H	17.9	18.2	18.3	18.6	19.1	17.4	17.7	17.8	18.1	18.6
	8H	18.1	18.3	18.5	18.8	19.2	17.5	17.8	18.0	18.2	18.7

Variations with the observer position at spacings(CIE Pub.117):		
S = 1.0H	+ 1.5 / - 1.2	+ 1.3 / - 1.1
1.5H	+ 3.0 / - 1.2	+ 2.6 / - 1.1
2.0H	+ 0.8 / - 0.4	+ 0.6 / - 0.4

CIE Pub.117, 1305 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 0.9)
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-10X2501-2700K RA90 36D WHITE

UTILIZATION FACTORS TABLE

Test:U:240.3V I:0.0781A P:18.2W PF:0.9697 Freq:49.99Hz UTHDi:0.37% ITHDi:10.84% KDisp:0.9792 Lamp Flux:1305.04x1 lm		
NAME: HCP-10X2501-2700K 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	91	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	108	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	

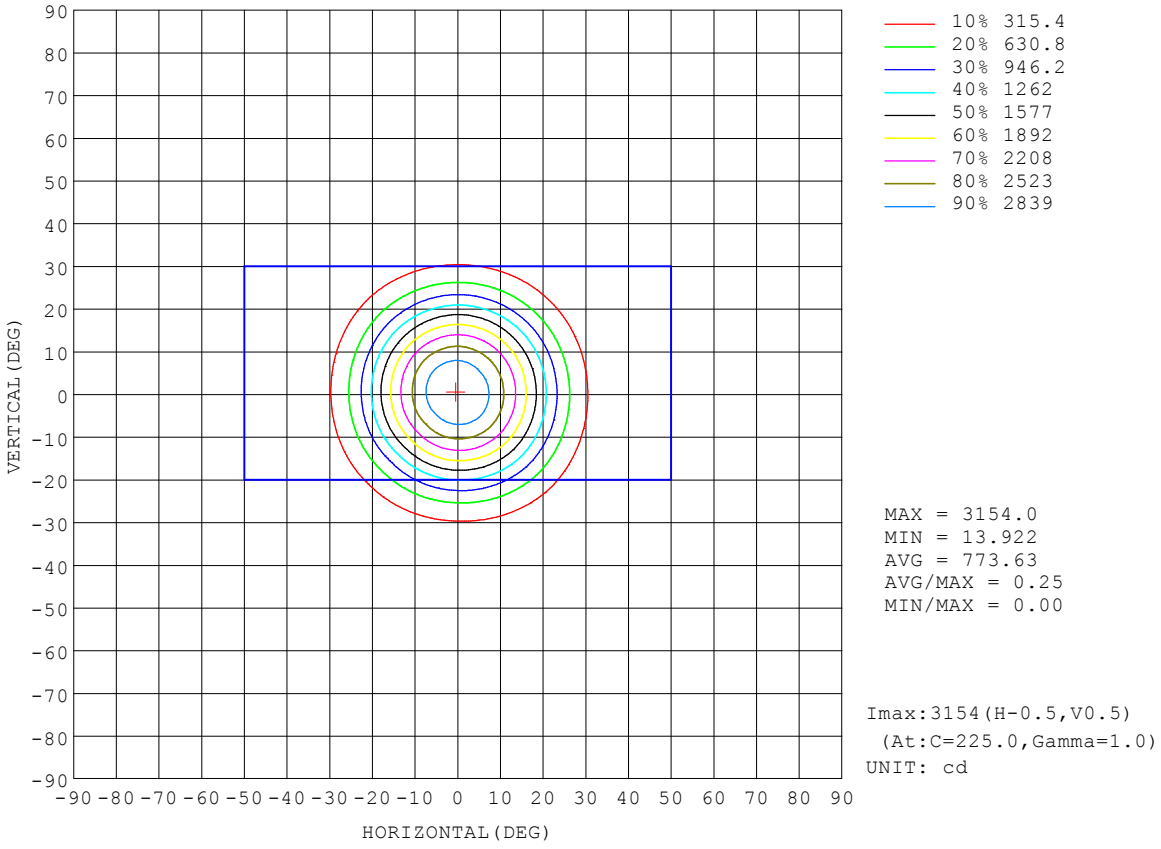
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-20

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-10X2501-2700K RA90 36D WHITE

ISOCANDELA DIAGRAM

Test:U:240.3V I:0.0781A P:18.2W PF:0.9697 Freq:49.99Hz UTHDi:0.37% ITHDi:10.84% KDisp:0.9792 Lamp Flux:1305.04x1 lm		
NAME: HCP-10X2501-2700K 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
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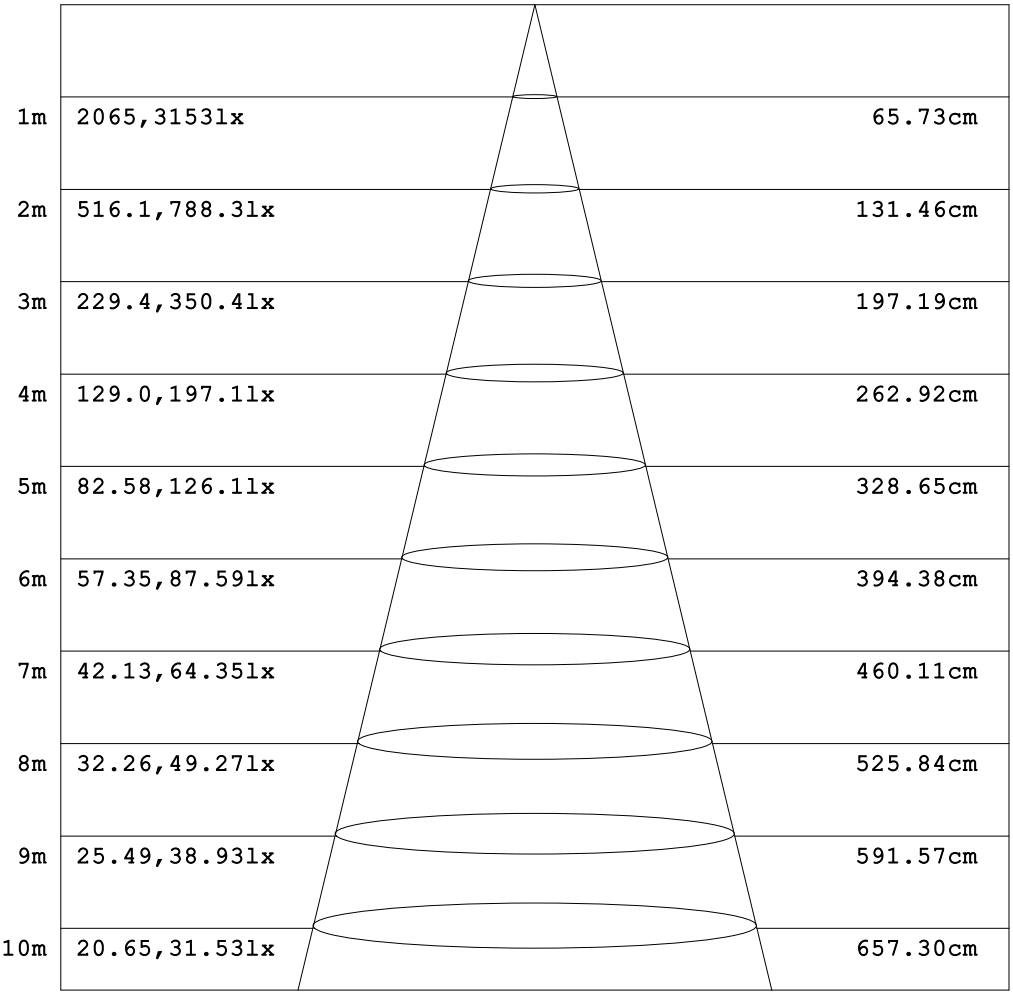
γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks:

Photometric Filename: HCP-10X2501-2700K RA90 36D WHITE

AAI Figure

Test:U:240.3V I:0.0781A P:18.2W PF:0.9697 Freq:49.99Hz UTHDi:0.37% ITHDi:10.84% KDisp:0.9792 Lamp Flux:1305.04x1 lm		
NAME: HCP-10X2501-2700K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 55mm	Shielding Angle:

Flux out:769.0 lm



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

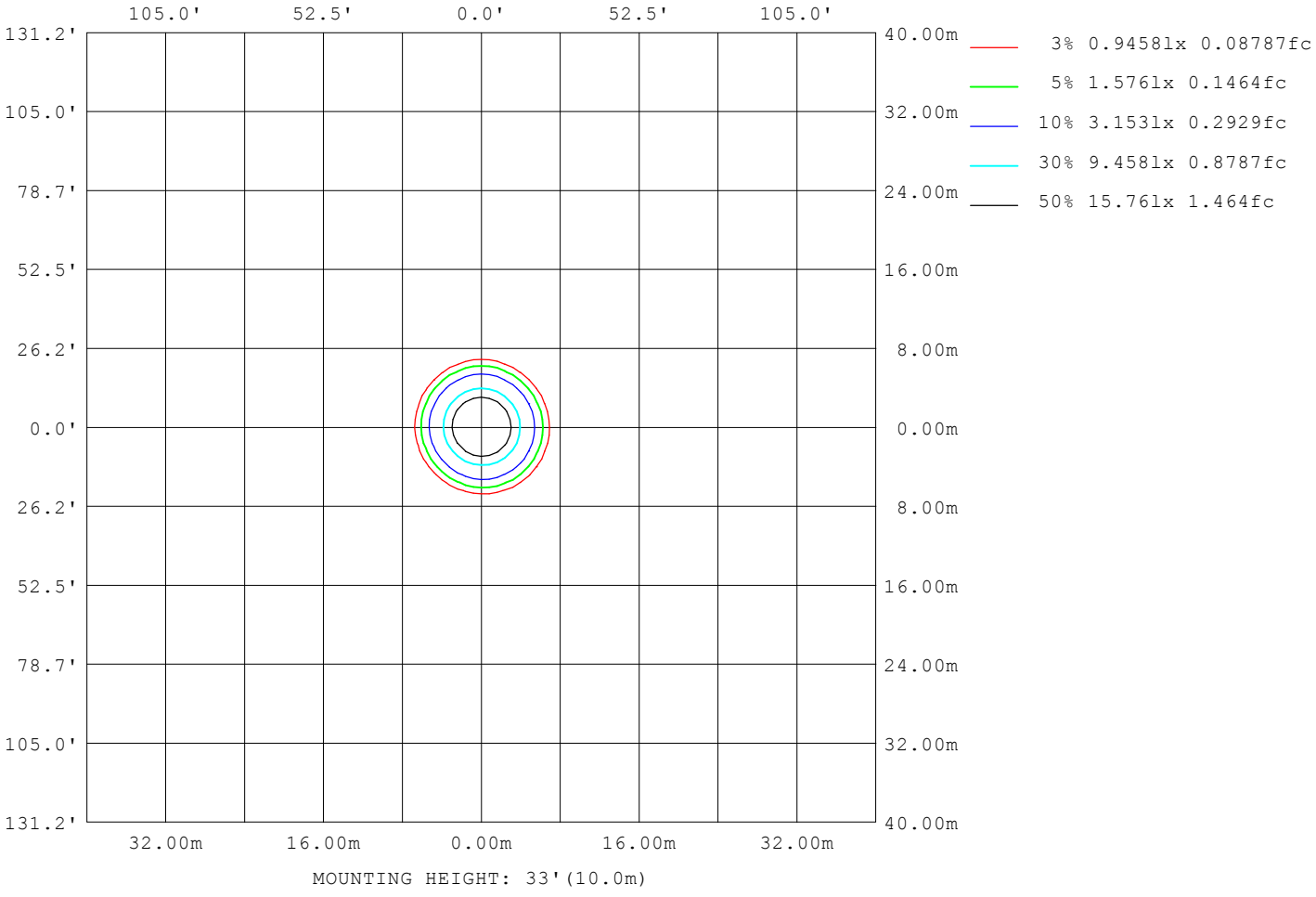
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-20

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-10X2501-2700K RA90 36D WHITE

ISOLUX DIAGRAM

Test:U:240.3V I:0.0781A P:18.2W PF:0.9697 Freq:49.99Hz UTHDi:0.37% ITHDi:10.84% KDisp:0.9792 Lamp Flux:1305.04x1 lm		
NAME: HCP-10X2501-2700K 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:0.0781A P:18.2W PF:0.9697 Freq:49.99Hz UTHDi:0.37% ITHDi:10.84% KDisp:0.9792 Lamp Flux:1305.04x1 lm		
NAME: HCP-10X2501-2700K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 55mm	Shielding Angle:

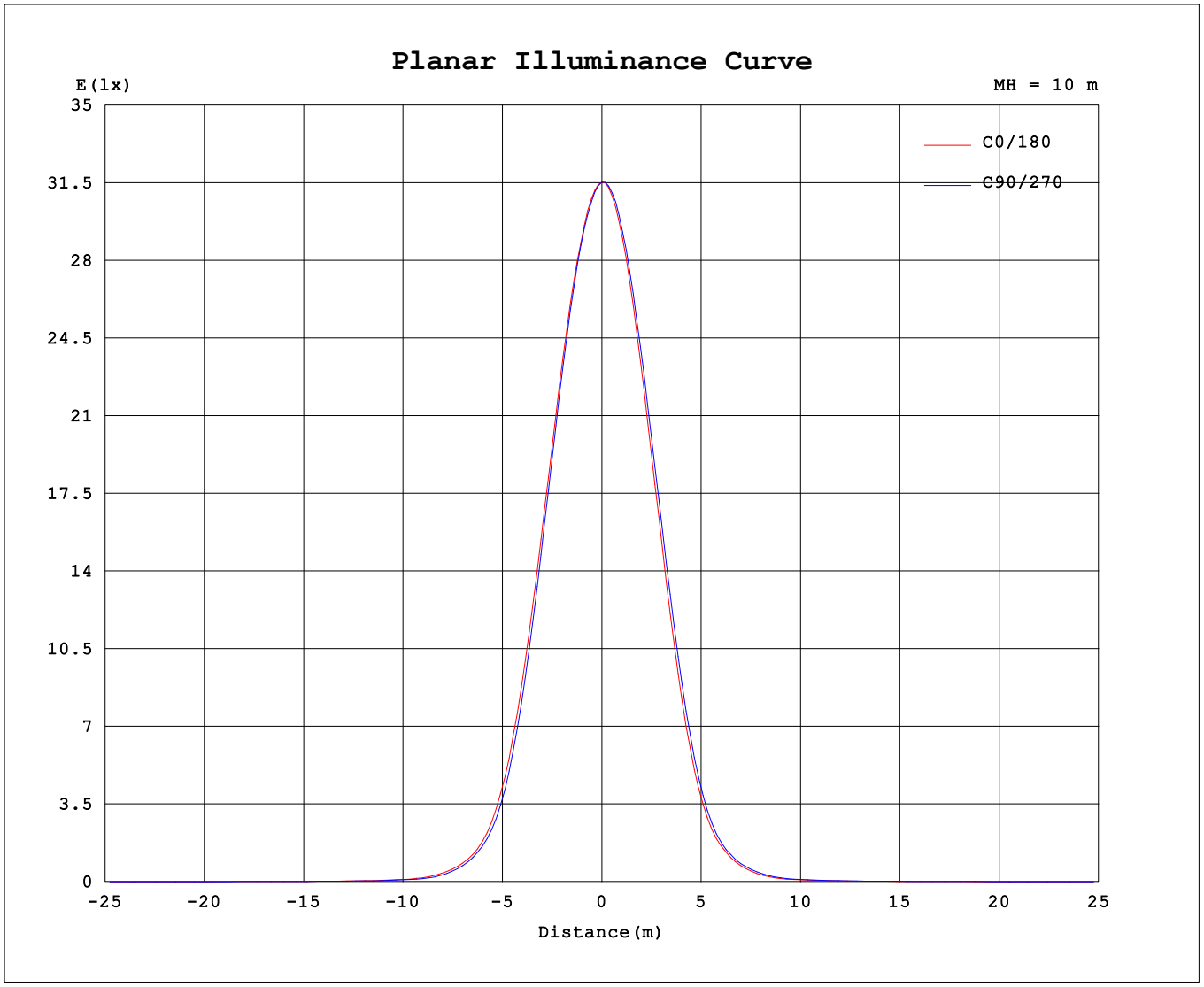
AvgL	cd/m2
L_0~180(65)av	10959
L_0~180(75)av	9448
L_0~180(85)av	7154
L_90~270(65)av	11173
L_90~270(75)av	9519
L_90~270(85)av	7111
L_45(65)av	11053
L_45(75)av	9468
L_45(85)av	7040

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-10X2501-2700K RA90 36D WHITE

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:240.3V I:0.0781A P:18.2W PF:0.9697 Freq:49.99Hz UTHDi:0.37% ITHDi:10.84% KDisp:0.9792 Lamp Flux:1305.04x1 lm		
NAME: HCP-10X2501-2700K 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	3152	3152	3152	3152	3152	3152	3152	3152
5	2991	2990	2978	2977	3005	3036	3035	3001
10	2603	2601	2566	2548	2590	2651	2649	2619
15	2027	2012	1963	1929	1985	2050	2074	2058
20	1361	1349	1270	1224	1291	1353	1389	1374
25	751	747	671	634	680	737	754	745
30	341	338	300	282	300	329	334	334
35	154	155	133	123	134	146	151	151
40	66.7	61.7	51.0	46.9	52.0	57.9	64.0	65.4
45	30.4	29.0	26.4	25.5	27.1	29.1	30.3	30.5
50	19.2	18.1	16.9	16.8	17.4	18.4	19.9	19.5
55	15.0	14.6	14.1	13.5	13.8	14.7	15.5	15.4
60	13.2	12.9	12.4	12.0	12.3	13.2	13.8	13.6
65	11.1	10.6	10.0	9.79	10.2	11.0	11.7	11.6
70	8.50	8.02	7.49	7.32	7.63	8.28	8.82	8.83
75	5.97	5.56	5.14	5.02	5.28	5.76	6.20	6.21
80	3.67	3.33	3.02	2.94	3.15	3.49	3.82	3.83
85	1.63	1.37	1.15	1.09	1.24	1.45	1.70	1.73
90	0.05	0.04	0.06	0.04	0.04	0.04	0.04	0.04

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-10X2501-2700K 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	3152	3152	3152	3152	3152	3152	3152	3152
3.0	3089	3084	3075	3086	3102	3121	3117	3102
6.0	2928	2933	2916	2913	2945	2978	2976	2941
9.0	2700	2699	2666	2652	2692	2745	2746	2712
12.0	2392	2383	2344	2323	2365	2428	2441	2415
15.0	2027	2012	1963	1929	1985	2050	2074	2058
18.0	1632	1616	1546	1506	1573	1636	1672	1653
21.0	1229	1219	1136	1089	1154	1216	1248	1238
24.0	863.9	854.0	775.6	734.1	787.1	847.0	868.2	860.5
27.0	560.8	553.6	488.4	464.2	495.3	536.4	552.1	553.3
30.0	341.2	338.1	299.8	281.8	299.6	328.7	333.9	333.6
33.0	209.5	215.7	185.4	174.2	185.6	203.0	208.1	204.3
36.0	131.8	131.4	111.9	102.9	112.6	123.0	128.5	129.1
39.0	79.49	74.92	62.56	56.86	63.33	70.61	76.85	78.04
42.0	46.42	42.44	35.82	33.92	36.90	40.65	44.64	46.06
45.0	30.41	29.01	26.39	25.51	27.13	29.12	30.25	30.47
48.0	23.50	22.35	19.63	19.49	20.51	22.06	23.56	23.41
51.0	17.97	17.18	16.19	16.02	16.59	17.54	18.36	18.22
54.0	15.72	15.22	14.52	13.90	14.26	15.21	16.12	15.99
57.0	14.10	13.89	13.42	12.92	13.26	14.11	14.76	14.49
60.0	13.17	12.91	12.41	11.96	12.30	13.20	13.85	13.59
63.0	12.08	11.74	11.16	10.80	11.17	12.04	12.69	12.50
66.0	10.61	10.12	9.533	9.287	9.651	10.42	11.06	11.01
69.0	9.034	8.535	7.987	7.802	8.131	8.812	9.376	9.377
72.0	7.471	7.007	6.521	6.374	6.669	7.248	7.743	7.757
75.0	5.968	5.555	5.135	5.020	5.280	5.761	6.197	6.209
78.0	4.557	4.196	3.838	3.745	3.972	4.368	4.741	4.755
81.0	3.241	2.922	2.623	2.552	2.748	3.058	3.376	3.391
84.0	2.015	1.745	1.507	1.444	1.611	1.846	2.105	2.129
87.0	0.8791	0.6385	0.4454	0.3907	0.5103	0.7006	0.9262	0.9690
90.0	0.0485	0.0411	0.0601	0.0425	0.0430	0.0376	0.0446	0.0370

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