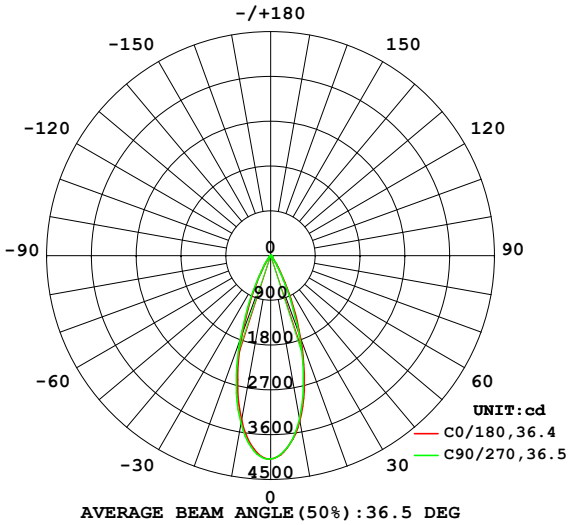
Photometric Filename: HCP-10X2501-3000K RA90 36D WHITE

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:240.3V I:0.1042A P:24.6W PF:0.9824 Freq:49.99Hz UTHDi:0.46% ITHDi:7.89% KDisp:0.9879 Lamp Flux:1697.52x1 lm		
NAME: HCP-10X2501-3000K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.: 25W	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 55mm	Shielding Angle:

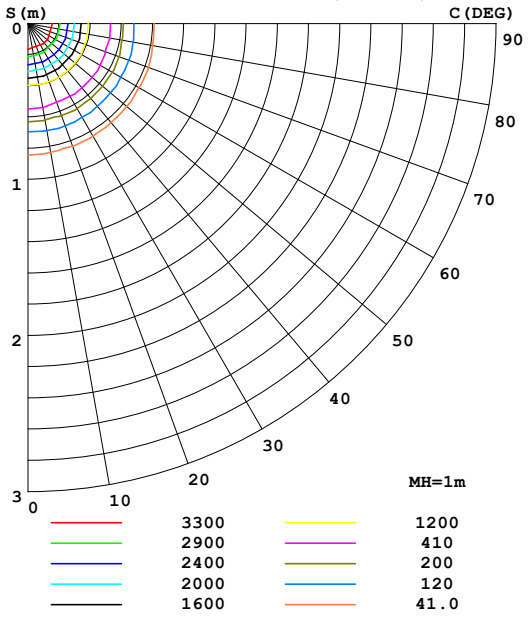
DATA OF LAMP		PHOTOMETRIC DATA			Eff: 68.98 lm/W
MODEL		Imax(cd)	4088	S/MH(C0/180)	0.58
NOMINAL POWER(W)	25	LOR(%)	100.0	S/MH(C90/270)	0.60
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	1697.5	η UP,DN(C0-180)	0.0,49.4
NOMINAL FLUX(lm)	1697.52	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,50.6
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	240.34	η down(%)	100.0	CIBSE SHR MAX	0.60

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):36.5 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	3370	3372	3337	3316	3364	3428	3431	3394	0- 10	355.2	355.2	20.9,20.9
20	1764	1749	1662	1610	1681	1745	1796	1787	10- 20	708.7	1064	62.7,62.7
30	445.5	439.2	395.4	377.7	393.9	422.5	432.6	439.0	20- 30	434.3	1498	88.3,88.3
40	88.81	81.13	68.33	63.36	69.13	75.05	83.62	87.48	30- 40	126.2	1624	95.7,95.7
50	25.39	23.91	22.32	22.14	23.03	24.22	25.65	25.55	40- 50	31.65	1656	97.6,97.6
60	17.30	16.99	16.30	15.74	16.20	17.27	18.19	17.81	50- 60	17.61	1674	98.6,98.6
70	11.15	10.56	9.870	9.646	10.05	10.80	11.56	11.53	60- 70	13.87	1688	99.4,99.4
80	4.812	4.398	3.990	3.892	4.150	4.541	4.990	5.005	70- 80	7.864	1695	99.9,99.9
90	0.0728	0.0548	0.0799	0.0588	0.0645	0.0523	0.0602	0.0485	80- 90	2.123	1698	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): 1643.8 lm

%lum = 96.8%
%lamp = 96.8%

Conical surface Flux(120deg): 1673.7 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:

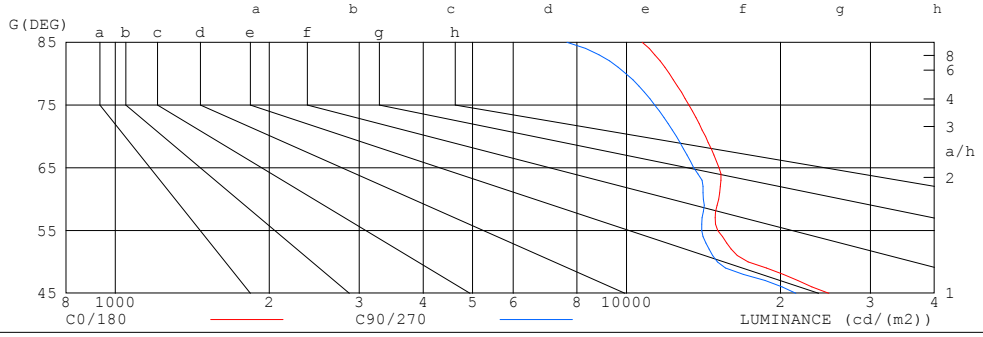
Photometric Filename: HCP-10X2501-3000K RA90 36D WHITE

LUMINANCE LIMITATION CURVES

Test:U:240.3V I:0.1042A P:24.6W PF:0.9824 Freq:49.99Hz **UTHDi:0.46% ITHDi:7.89% KDisp:0.9879 Lamp Flux:1697.52x1 lm**		
NAME: HCP-10X2501-3000K RA90 36D WHITE	**TYPE:**	**WEIGHT:**
SPEC.: 25W	**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	10729	7644
80	12125	9966
75	13243	11358
70	14266	12515
65	15172	13543
60	15141	14135
55	15084	14027
50	17283	15056
45	24881	21449

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:

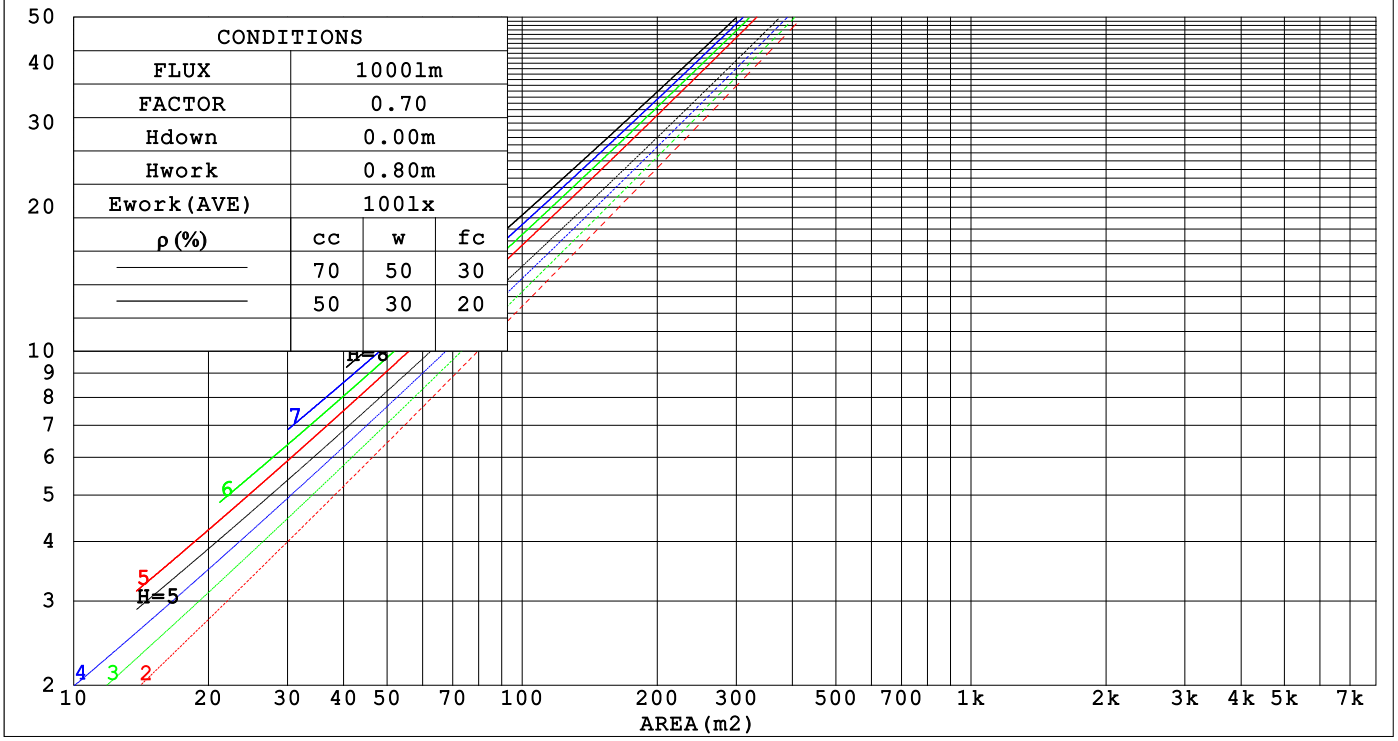
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:240.3V I:0.1042A P:24.6W PF:0.9824 Freq:49.99Hz UTHDi:0.46% ITHDi:7.89% KDisp:0.9879 Lamp Flux:1697.52x1 lm		
NAME: HCP-10X2501-3000K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.: 25W	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	.83	.80	.86	.82	.80	.84	.81	.79	.78
6.0	.86	.81	.77	.85	.81	.77	.84	.80	.77	.82	.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:

Photometric Filename: HCP-10X2501-3000K RA90 36D WHITE

WEC AND CCEC

Test:U:240.3V I:0.1042A P:24.6W PF:0.9824 Freq:49.99Hz UTHDi:0.46% ITHDi:7.89% KDisp:0.9879 Lamp Flux:1697.52x1 lm		
NAME: HCP-10X2501-3000K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.: 25W	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	.104	.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-10X2501-3000K RA90 36D WHITE

UGR(Unified Glare Rating) Table

Test:U:240.3V I:0.1042A P:24.6W PF:0.9824 Freq:49.99Hz UTHDi:0.46% ITHDi:7.89% KDisp:0.9879 Lamp Flux:1697.52x1 lm		
NAME: HCP-10X2501-3000K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.: 25W	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	17.4	18.2	17.6	18.3	18.5	16.9	17.6	17.1	17.8	18.0
3H	17.9	18.6	18.1	18.8	19.0	17.3	18.0	17.6	18.2	18.4
4H	18.1	18.8	18.4	19.0	19.2	17.5	18.2	17.8	18.4	18.6
6H	18.3	18.9	18.6	19.2	19.4	17.7	18.3	18.0	18.6	18.8
8H	18.3	19.0	18.6	19.2	19.5	17.7	18.3	18.0	18.6	18.9
12H	18.4	19.0	18.7	19.2	19.5	17.7	18.3	18.0	18.6	18.9
4H 2H	17.4	18.1	17.7	18.3	18.6	17.0	17.7	17.2	17.9	18.1
3H	18.1	18.7	18.4	19.0	19.2	17.6	18.2	17.9	18.5	18.7
4H	18.4	19.0	18.8	19.3	19.6	17.9	18.5	18.3	18.8	19.1
6H	18.7	19.2	19.1	19.5	19.9	18.2	18.6	18.5	19.0	19.3
8H	18.8	19.3	19.2	19.6	20.0	18.2	18.7	18.6	19.0	19.4
12H	18.9	19.3	19.3	19.7	20.1	18.3	18.7	18.7	19.1	19.4
8H 4H	18.5	18.9	18.9	19.3	19.7	18.0	18.5	18.4	18.8	19.2
6H	18.9	19.3	19.3	19.6	20.1	18.4	18.7	18.8	19.1	19.5
8H	19.0	19.4	19.5	19.8	20.2	18.5	18.8	18.9	19.2	19.7
12H	19.1	19.4	19.6	19.9	20.3	18.5	18.8	19.0	19.3	19.7
12H 4H	18.5	18.9	18.9	19.3	19.6	18.0	18.4	18.4	18.8	19.2
6H	18.9	19.2	19.3	19.6	20.1	18.4	18.7	18.8	19.1	19.6
8H	19.1	19.3	19.5	19.8	20.3	18.5	18.8	19.0	19.2	19.7

Variations with the observer position at spacings(CIE Pub.117):		
S = 1.0H	+ 1.5 / - 1.2	+ 1.2 / - 1.1
1.5H	+ 3.0 / - 1.1	+ 2.6 / - 1.1
2.0H	+ 0.8 / - 0.4	+ 0.7 / - 0.4

CIE Pub.117, 1698 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 1.8)
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-10X2501-3000K RA90 36D WHITE

UTILIZATION FACTORS TABLE

Test:U:240.3V I:0.1042A P:24.6W PF:0.9824 Freq:49.99Hz UTHDi:0.46% ITHDi:7.89% KDisp:0.9879 Lamp Flux:1697.52x1 lm		
NAME: HCP-10X2501-3000K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.: 25W	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	

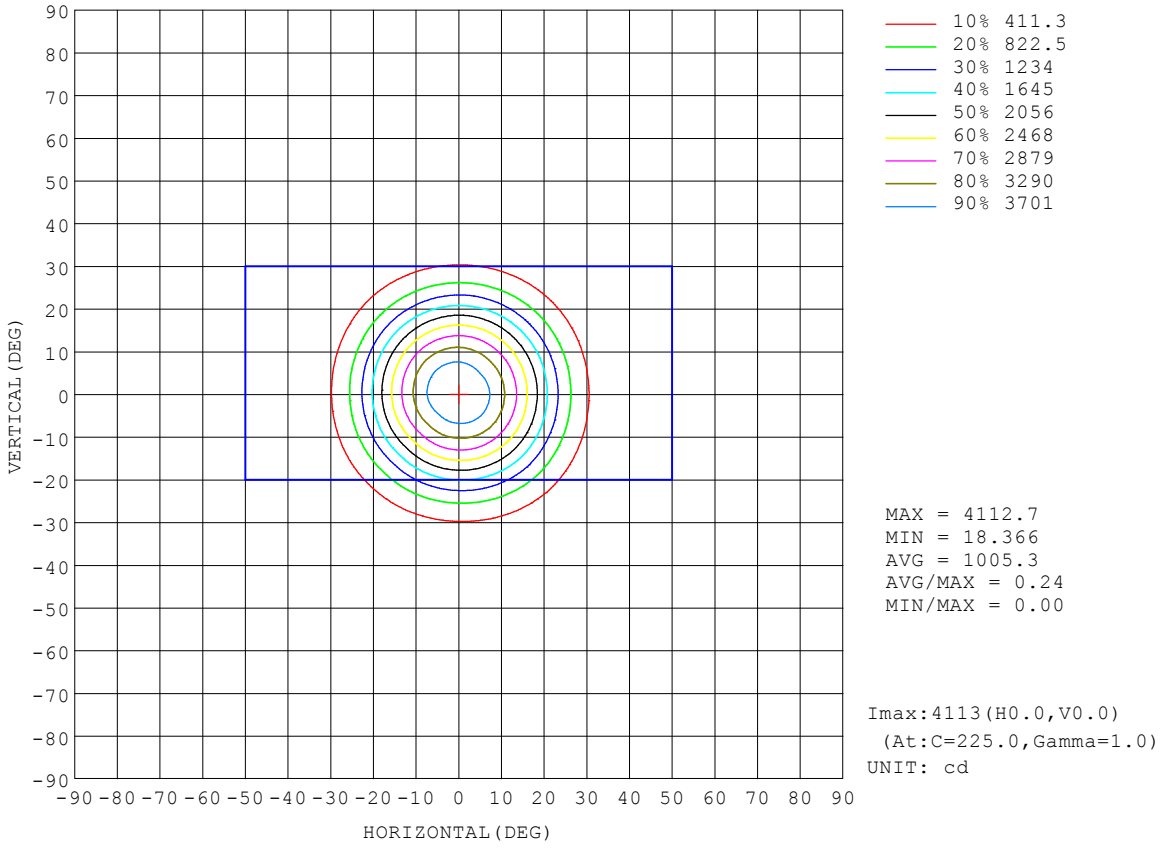
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-20

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-10X2501-3000K RA90 36D WHITE

ISOCANDELA DIAGRAM

Test:U:240.3V I:0.1042A P:24.6W PF:0.9824 Freq:49.99Hz **UTHDi:0.46% ITHDi:7.89% KDisp:0.9879 Lamp Flux:1697.52x1 lm**		
NAME: HCP-10X2501-3000K RA90 36D WHITE	**TYPE:**	**WEIGHT:**
SPEC.: 25W	**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

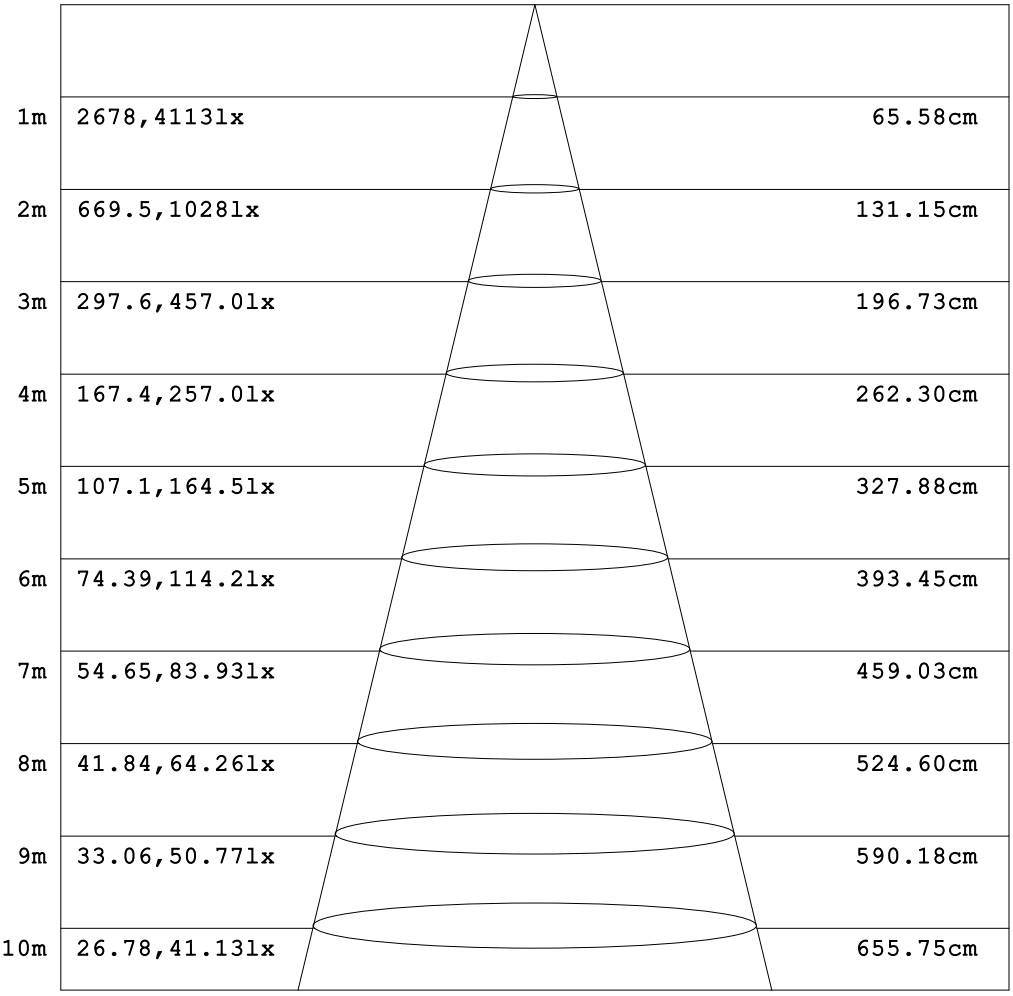
γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks:

Photometric Filename: HCP-10X2501-3000K RA90 36D WHITE

AAI Figure

Test:U:240.3V I:0.1042A P:24.6W PF:0.9824 Freq:49.99Hz **UTHDi:0.46% ITHDi:7.89% KDisp:0.9879 Lamp Flux:1697.52x1 lm**		
NAME: HCP-10X2501-3000K RA90 36D WHITE	**TYPE:**	**WEIGHT:**
SPEC.: 25W	**DIM.:**	**SERIAL No.:**
MFR.: Havit Commercial	**SUR.: 55mm**	**Shielding Angle:**

Flux out:997.5 lm



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

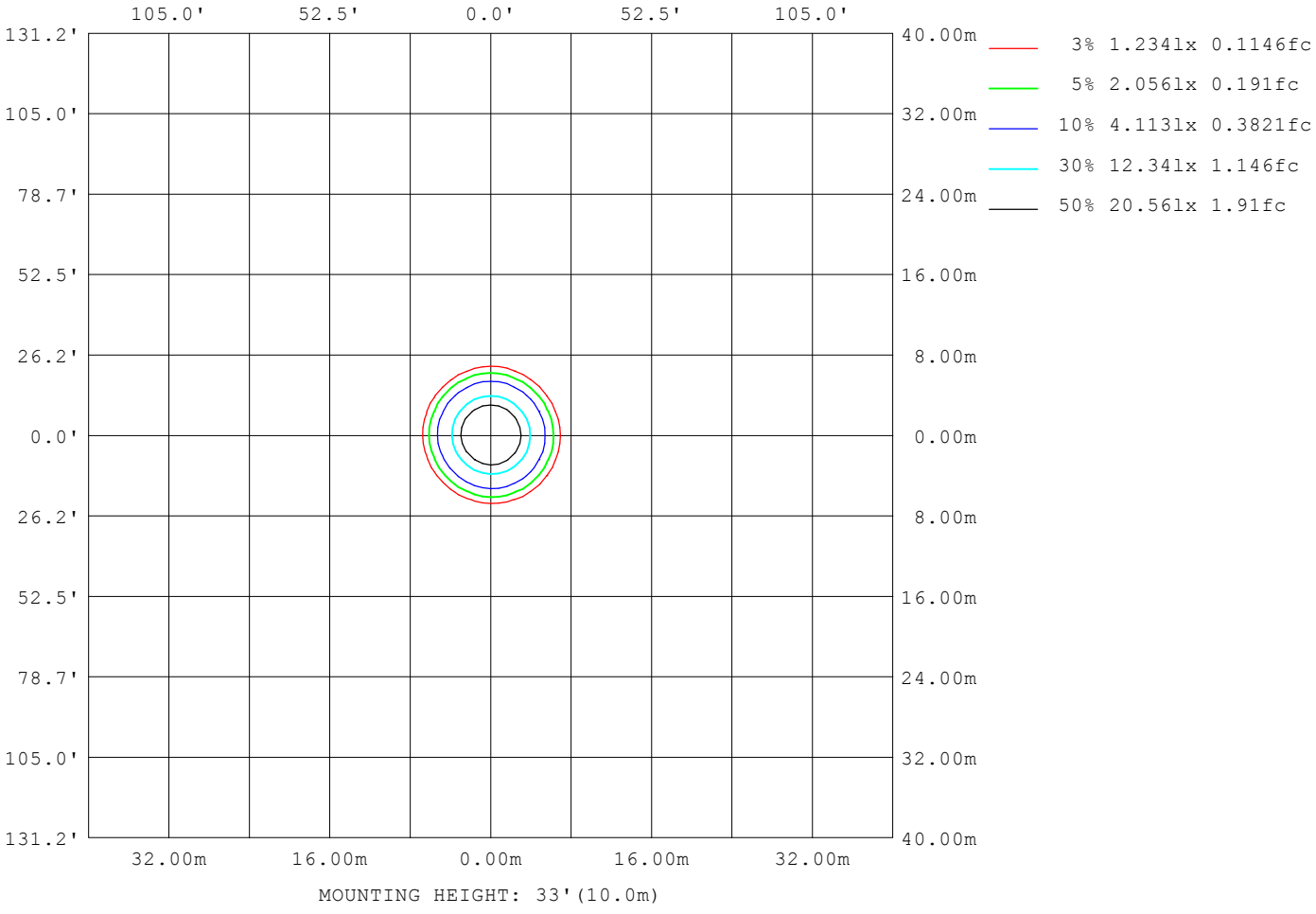
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-20

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-10X2501-3000K RA90 36D WHITE

ISOLUX DIAGRAM

Test:U:240.3V I:0.1042A P:24.6W PF:0.9824 Freq:49.99Hz **UTHDi:0.46% ITHDi:7.89% KDisp:0.9879 Lamp Flux:1697.52x1 lm**		
NAME: HCP-10X2501-3000K RA90 36D WHITE	**TYPE:**	**WEIGHT:**
SPEC.: 25W	**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:0.1042A P:24.6W PF:0.9824 Freq:49.99Hz **UTHDi:0.46% ITHDi:7.89% KDisp:0.9879 Lamp Flux:1697.52x1 lm**		
NAME: HCP-10X2501-3000K RA90 36D WHITE	**TYPE:**	**WEIGHT:**
SPEC.: 25W	**DIM.:**	**SERIAL No.:**
MFR.: Havit Commercial	**SUR.: 55mm**	**Shielding Angle:**

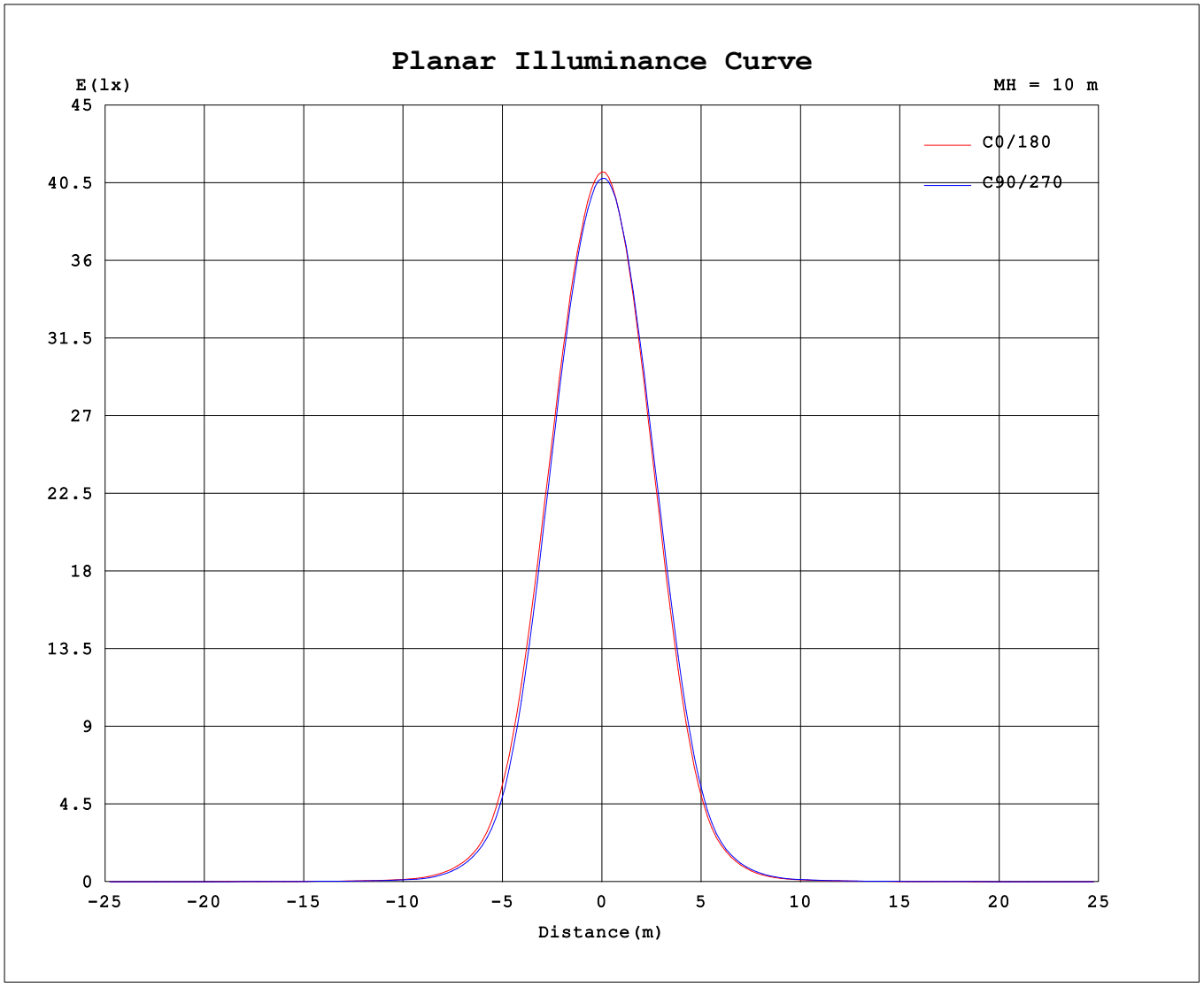
AvgL	cd/m2
L_0~180(65)av	14416
L_0~180(75)av	12421
L_0~180(85)av	9428
L_90~270(65)av	14663
L_90~270(75)av	12501
L_90~270(85)av	9356
L_45(65)av	14500
L_45(75)av	12424
L_45(85)av	9239

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-10X2501-3000K RA90 36D WHITE

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:240.3V I:0.1042A P:24.6W PF:0.9824 Freq:49.99Hz UTHDi:0.46% ITHDi:7.89% KDisp:0.9879 Lamp Flux:1697.52x1 lm		
NAME: HCP-10X2501-3000K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.: 25W	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 55mm	Shielding Angle:

Table--1 UNIT: cd

γ (DEG) \ C(DEG)	0	45	90	135	180	225	270	315
0	4086	4086	4086	4086	4086	4086	4086	4086
5	3876	3875	3867	3867	3898	3929	3933	3891
10	3370	3372	3337	3316	3364	3428	3431	3394
15	2626	2608	2558	2518	2580	2646	2681	2668
20	1764	1749	1662	1610	1681	1745	1796	1787
25	978	969	886	842	889	958	977	974
30	445	439	395	378	394	423	433	439
35	202	201	177	167	177	188	196	199
40	88.8	81.1	68.3	63.4	69.1	75.1	83.6	87.5
45	40.2	38.2	35.0	34.1	35.9	38.1	39.8	40.2
50	25.4	23.9	22.3	22.1	23.0	24.2	25.6	25.6
55	19.8	19.4	18.6	17.8	18.2	19.3	20.4	20.1
60	17.3	17.0	16.3	15.7	16.2	17.3	18.2	17.8
65	14.7	14.0	13.2	12.9	13.4	14.3	15.3	15.1
70	11.2	10.6	9.87	9.65	10.1	10.8	11.6	11.5
75	7.83	7.32	6.78	6.63	6.95	7.52	8.10	8.11
80	4.81	4.40	3.99	3.89	4.15	4.54	4.99	5.01
85	2.14	1.82	1.54	1.46	1.64	1.88	2.21	2.25
90	0.07	0.05	0.08	0.06	0.06	0.05	0.06	0.05

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-10X2501-3000K 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	4086	4086	4086	4086	4086	4086	4086	4086
3.0	4004	3996	3994	4005	4026	4042	4042	4019
6.0	3792	3802	3789	3786	3819	3852	3857	3810
9.0	3498	3499	3469	3447	3496	3551	3555	3513
12.0	3099	3092	3051	3023	3070	3139	3161	3129
15.0	2626	2608	2558	2518	2580	2646	2681	2668
18.0	2116	2092	2022	1971	2044	2111	2159	2145
21.0	1594	1581	1489	1432	1503	1567	1614	1607
24.0	1118	1108	1019	971.9	1028	1087	1123	1116
27.0	730.6	718.2	643.6	618.6	649.7	688.2	715.2	724.7
30.0	445.5	439.2	395.4	377.7	393.9	422.5	432.6	439.0
33.0	274.0	277.8	245.7	237.5	244.0	260.8	268.0	269.8
36.0	173.3	171.0	149.0	139.3	148.6	158.4	167.2	170.8
39.0	104.3	98.48	84.98	77.08	84.10	92.80	100.3	102.7
42.0	61.47	56.02	47.84	45.62	49.08	53.11	58.58	60.98
45.0	40.21	38.24	34.97	34.05	35.94	38.10	39.76	40.21
48.0	30.99	29.47	26.12	25.29	26.72	28.89	30.88	30.83
51.0	23.68	22.67	21.38	21.15	21.93	23.01	24.12	23.92
54.0	20.69	20.07	19.13	18.34	19.05	19.95	21.13	20.97
57.0	18.54	18.28	17.66	17.00	17.46	18.48	19.41	19.00
60.0	17.30	16.99	16.30	15.74	16.20	17.27	18.19	17.81
63.0	15.88	15.44	14.71	14.22	14.70	15.74	16.65	16.39
66.0	13.94	13.32	12.51	12.24	12.70	13.62	14.50	14.41
69.0	11.83	11.23	10.51	10.28	10.71	11.48	12.28	12.23
72.0	9.800	9.222	8.591	8.404	8.776	9.459	10.13	10.14
75.0	7.833	7.320	6.778	6.628	6.955	7.522	8.105	8.112
78.0	5.979	5.528	5.068	4.947	5.232	5.693	6.194	6.206
81.0	4.248	3.857	3.476	3.382	3.626	3.981	4.407	4.424
84.0	2.645	2.309	2.003	1.923	2.123	2.395	2.741	2.770
87.0	1.150	0.8570	0.6122	0.5373	0.6807	0.9043	1.192	1.243
90.0	0.0728	0.0548	0.0799	0.0588	0.0645	0.0523	0.0602	0.0485

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