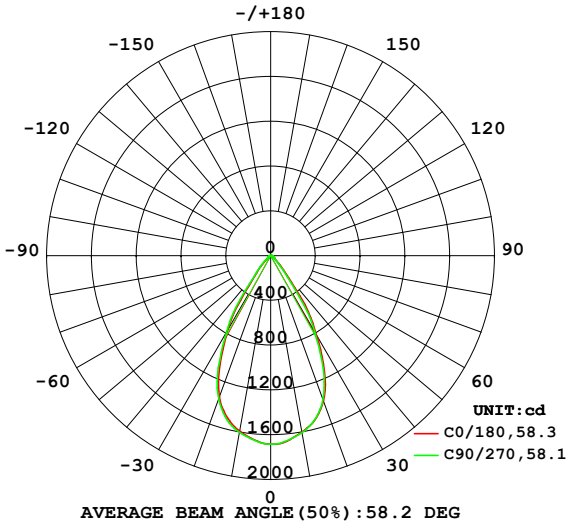
Photometric Filename: HCP-10X2501-5000K RA90 60D WHITE

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:240.3V I:0.0782A P:18.2W PF:0.9698 Freq:49.99Hz UTHDi:0.45% ITHDi:10.85% KDisp:0.9794 Lamp Flux:1521.14x1 lm		
NAME: HCP-10X2501-5000K RA90 60D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 55mm	Shielding Angle:

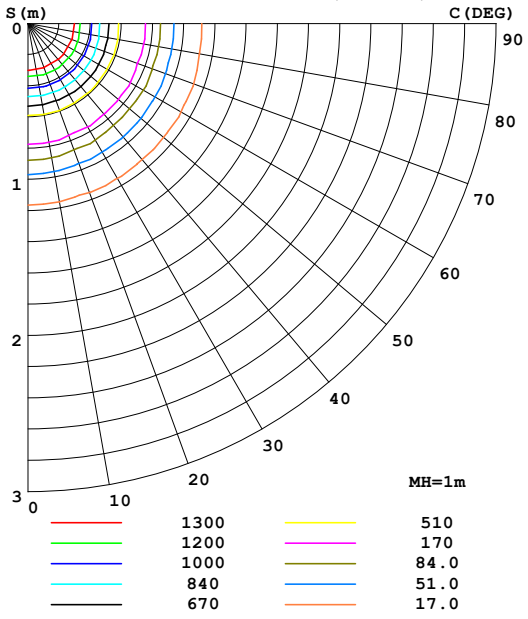
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 83.48 lm/W	
MODEL		Imax(cd)	1685	S/MH(C0/180)	0.87
NOMINAL POWER(W)	19	LOR(%)	100.0	S/MH(C90/270)	0.88
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	1521.1	η UP,DN(C0-180)	0.0,50.4
NOMINAL FLUX(lm)	1521.14	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,49.6
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	240.27	η down(%)	100.0	CIBSE SHR MAX	0.90

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):58.2 DEG

PLANAR ISOLUX DIAGRAM(UNIT:lx)



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-22

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 60D WHITE

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	1601	1606	1606	1604	1593	1597	1604	1607	0- 10	156.5	156.5	10.3,10.3
20	1379	1394	1368	1353	1343	1345	1361	1373	10- 20	423.0	579.5	38.1,38.1
30	822.7	824.0	790.6	777.9	767.9	770.0	789.7	809.5	20- 30	500.0	1079	71,71
40	218.9	201.9	188.3	181.2	179.0	186.1	203.5	205.6	30- 40	288.0	1367	89.9,89.9
50	51.18	47.64	42.02	38.96	38.69	41.24	47.17	49.83	40- 50	81.18	1449	95.2,95.2
60	29.64	28.91	27.76	27.14	27.26	28.01	29.01	29.71	50- 60	29.64	1478	97.2,97.2
70	20.58	19.65	18.52	18.12	18.30	19.08	20.35	20.92	60- 70	24.19	1502	98.8,98.8
80	9.309	8.602	7.820	7.516	7.704	8.357	9.225	9.557	70- 80	14.69	1517	99.7,99.7
90	0.0764	0.0759	0.0913	0.0807	0.0867	0.0794	0.0823	0.0765	80- 90	3.995	1521	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): 1421 lm

%lum = 93.4%
%lamp = 93.4%

Conical surface Flux(120deg): 1478.3 lm

%lum = 97.2%
%lamp = 97.2%

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-22

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:

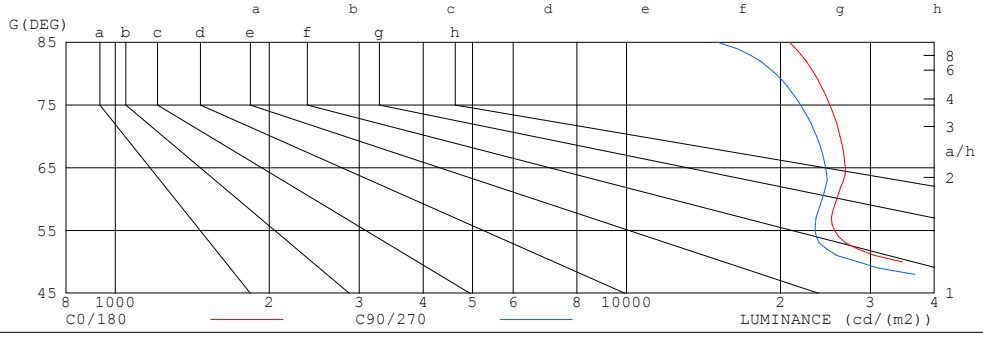
Photometric Filename: HCP-10X2501-5000K RA90 60D WHITE

LUMINANCE LIMITATION CURVES

Test:U:240.3V I:0.0782A P:18.2W PF:0.9698 Freq:49.99Hz **UTHDi:0.45% ITHDi:10.85% KDisp:0.9794 Lamp Flux:1521.14x1 lm**		
NAME: HCP-10X2501-5000K RA90 60D 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	20815	15087
80	23320	19572
75	24994	21910
70	26175	23539
65	26800	24508
60	25785	24127
55	25520	23367
50	34638	28411
45	72396	58897

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-22

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 60D WHITE

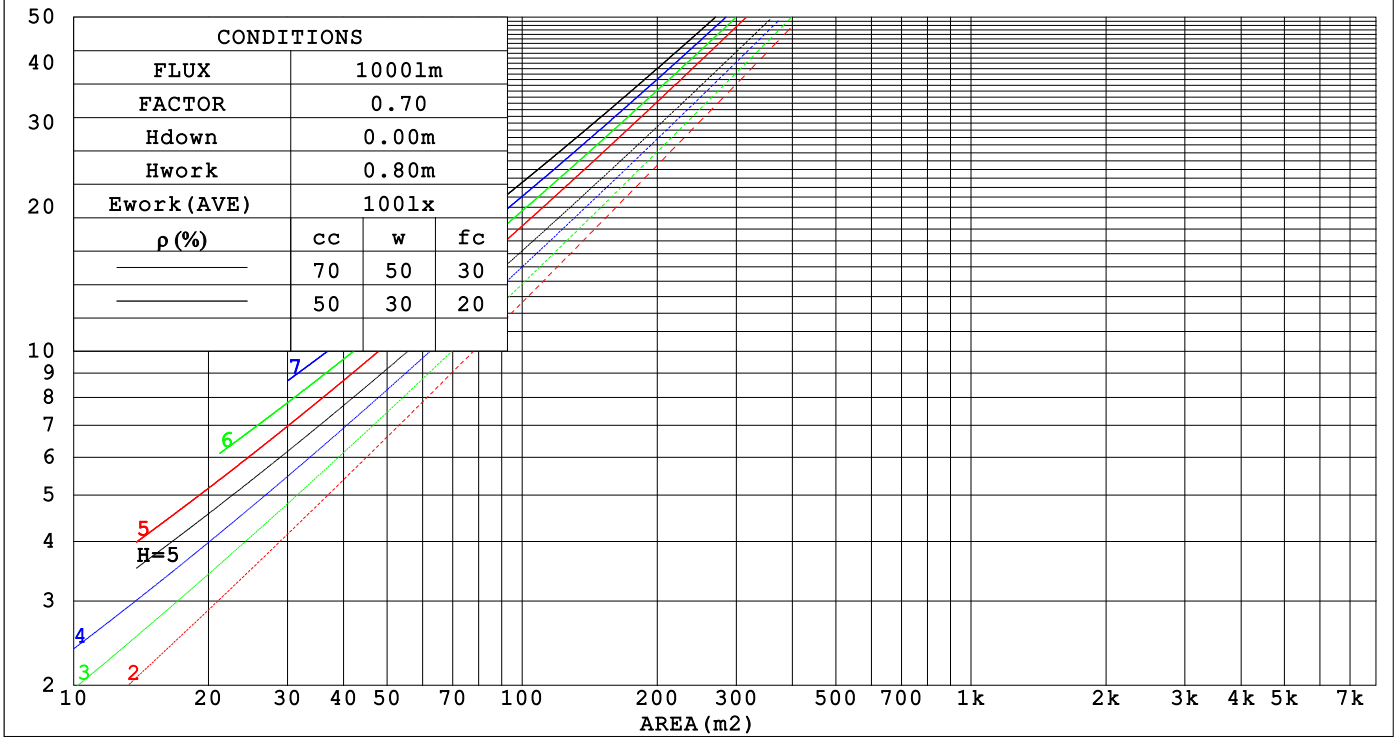
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:240.3V I:0.0782A P:18.2W PF:0.9698 Freq:49.99Hz UTHDi:0.45% ITHDi:10.85% KDisp:0.9794 Lamp Flux:1521.14x1 lm		
NAME: HCP-10X2501-5000K RA90 60D 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	1.10	1.08	1.05	1.08	1.06	1.04	1.04	1.02	1.00	1.00	.99	.97	.97	.96	.95	.93
2.0	1.02	.98	.94	1.00	.97	.93	.97	.94	.91	.94	.92	.89	.91	.89	.87	.86
3.0	.95	.90	.86	.94	.89	.85	.91	.87	.84	.89	.85	.82	.86	.83	.81	.79
4.0	.89	.83	.79	.87	.82	.78	.85	.81	.77	.83	.79	.76	.81	.78	.75	.74
5.0	.83	.77	.73	.82	.76	.72	.80	.75	.72	.78	.74	.71	.77	.73	.70	.69
6.0	.78	.72	.67	.77	.71	.67	.75	.70	.67	.74	.70	.66	.73	.69	.66	.64
7.0	.73	.67	.63	.72	.67	.63	.71	.66	.62	.70	.65	.62	.69	.65	.62	.60
8.0	.69	.63	.59	.68	.63	.59	.67	.62	.58	.66	.61	.58	.65	.61	.58	.56
9.0	.65	.59	.55	.65	.59	.55	.64	.58	.55	.63	.58	.55	.62	.58	.54	.53
10.0	.62	.56	.52	.61	.56	.52	.60	.55	.52	.60	.55	.51	.59	.54	.51	.50

LAMPS

LUMINAIRE BUDGETARY DIAGRAM



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-22

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 60D WHITE

WEC AND CCEC

Test:U:240.3V I:0.0782A P:18.2W PF:0.9698 Freq:49.99Hz UTHDi:0.45% ITHDi:10.85% KDisp:0.9794 Lamp Flux:1521.14x1 lm		
NAME: HCP-10X2501-5000K RA90 60D 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	.188	.107	.034	.182	.104	.033	.169	.097	.031	.157	.091	.029	.147	.085	.027	
2.0	.179	.098	.030	.174	.096	.029	.163	.091	.028	.153	.086	.027	.144	.081	.026	
3.0	.170	.090	.027	.165	.088	.027	.156	.084	.026	.147	.081	.025	.139	.077	.024	
4.0	.161	.084	.025	.157	.082	.024	.149	.079	.024	.141	.076	.023	.134	.073	.022	
5.0	.153	.078	.023	.149	.076	.022	.142	.074	.022	.136	.072	.021	.130	.069	.021	
6.0	.145	.073	.021	.142	.072	.021	.136	.070	.020	.130	.068	.020	.125	.066	.020	
7.0	.138	.068	.019	.135	.067	.019	.130	.066	.019	.125	.064	.019	.120	.062	.018	
8.0	.132	.064	.018	.129	.064	.018	.125	.062	.018	.120	.061	.018	.116	.059	.017	
9.0	.126	.061	.017	.124	.060	.017	.120	.059	.017	.116	.058	.017	.112	.057	.016	
10.0	.121	.058	.016	.119	.057	.016	.115	.056	.016	.111	.055	.016	.108	.054	.016	

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	.172	.157	.144	.147	.135	.124	.101	.093	.086	.058	.054	.050	.019	.017	.016	
2.0	.157	.132	.112	.135	.114	.096	.092	.079	.067	.053	.046	.039	.017	.015	.013	
3.0	.145	.114	.088	.124	.098	.077	.085	.068	.054	.049	.040	.032	.016	.013	.010	
4.0	.135	.099	.071	.116	.086	.062	.080	.060	.044	.046	.035	.026	.015	.011	.009	
5.0	.126	.087	.059	.109	.076	.051	.075	.053	.036	.043	.031	.021	.014	.010	.007	
6.0	.119	.078	.049	.102	.068	.043	.071	.047	.030	.041	.028	.018	.013	.009	.006	
7.0	.113	.071	.041	.097	.061	.036	.067	.043	.026	.039	.025	.015	.013	.008	.005	
8.0	.107	.065	.036	.092	.056	.031	.064	.039	.022	.037	.023	.013	.012	.008	.004	
9.0	.102	.059	.031	.088	.052	.027	.061	.036	.019	.035	.021	.011	.011	.007	.004	
10.0	.097	.055	.027	.084	.048	.024	.058	.034	.017	.034	.020	.010	.011	.007	.003	

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-22

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 60D WHITE

UGR(Unified Glare Rating) Table

Test:U:240.3V I:0.0782A P:18.2W PF:0.9698 Freq:49.99Hz UTHDi:0.45% ITHDi:10.85% KDisp:0.9794 Lamp Flux:1521.14x1 lm		
NAME: HCP-10X2501-5000K RA90 60D 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	23.4	24.4	23.6	24.6	24.7	23.1	24.1	23.3	24.2	24.4
3H	23.7	24.6	23.9	24.8	25.0	23.3	24.2	23.6	24.4	24.6
4H	23.8	24.7	24.1	24.9	25.1	23.4	24.3	23.7	24.5	24.7
6H	23.9	24.7	24.2	25.0	25.2	23.5	24.3	23.8	24.6	24.8
8H	24.0	24.7	24.3	25.0	25.3	23.6	24.3	23.9	24.6	24.8
12H	24.0	24.7	24.3	25.0	25.3	23.5	24.3	23.9	24.6	24.8
4H 2H	23.3	24.2	23.6	24.4	24.6	23.0	23.9	23.3	24.1	24.3
3H	23.7	24.5	24.1	24.7	25.0	23.4	24.1	23.7	24.4	24.7
4H	24.0	24.7	24.3	25.0	25.3	23.6	24.3	24.0	24.6	24.9
6H	24.2	24.8	24.6	25.1	25.5	23.8	24.4	24.2	24.7	25.1
8H	24.3	24.8	24.7	25.2	25.6	23.9	24.4	24.3	24.8	25.1
12H	24.3	24.8	24.8	25.2	25.6	23.9	24.4	24.3	24.8	25.2
8H 4H	24.0	24.6	24.4	24.9	25.3	23.7	24.2	24.1	24.6	24.9
6H	24.3	24.8	24.8	25.2	25.6	23.9	24.4	24.4	24.8	25.2
8H	24.5	24.9	24.9	25.3	25.7	24.0	24.4	24.5	24.9	25.3
12H	24.6	24.9	25.0	25.3	25.8	24.1	24.4	24.6	24.9	25.4
12H 4H	24.0	24.5	24.4	24.9	25.2	23.6	24.2	24.1	24.5	24.9
6H	24.3	24.7	24.8	25.1	25.6	23.9	24.3	24.4	24.8	25.2
8H	24.5	24.8	24.9	25.3	25.7	24.1	24.4	24.5	24.9	25.3
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 2.0 / - 1.9					+ 1.6 / - 1.8				
1.5H	+ 3.7 / - 2.0					+ 3.1 / - 1.9				
2.0H	+ 2.4 / - 0.7					+ 1.9 / - 0.6				

CIE Pub.117, 1521 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 1.5)
Area: 0.0023 m2

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-22

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 60D WHITE

UTILIZATION FACTORS TABLE

Test:U:240.3V I:0.0782A P:18.2W PF:0.9698 Freq:49.99Hz UTHDi:0.45% ITHDi:10.85% KDisp:0.9794 Lamp Flux:1521.14x1 lm		
NAME: HCP-10X2501-5000K RA90 60D 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	85	79	75	85	78	75	84	78	74	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	108	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	107	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	

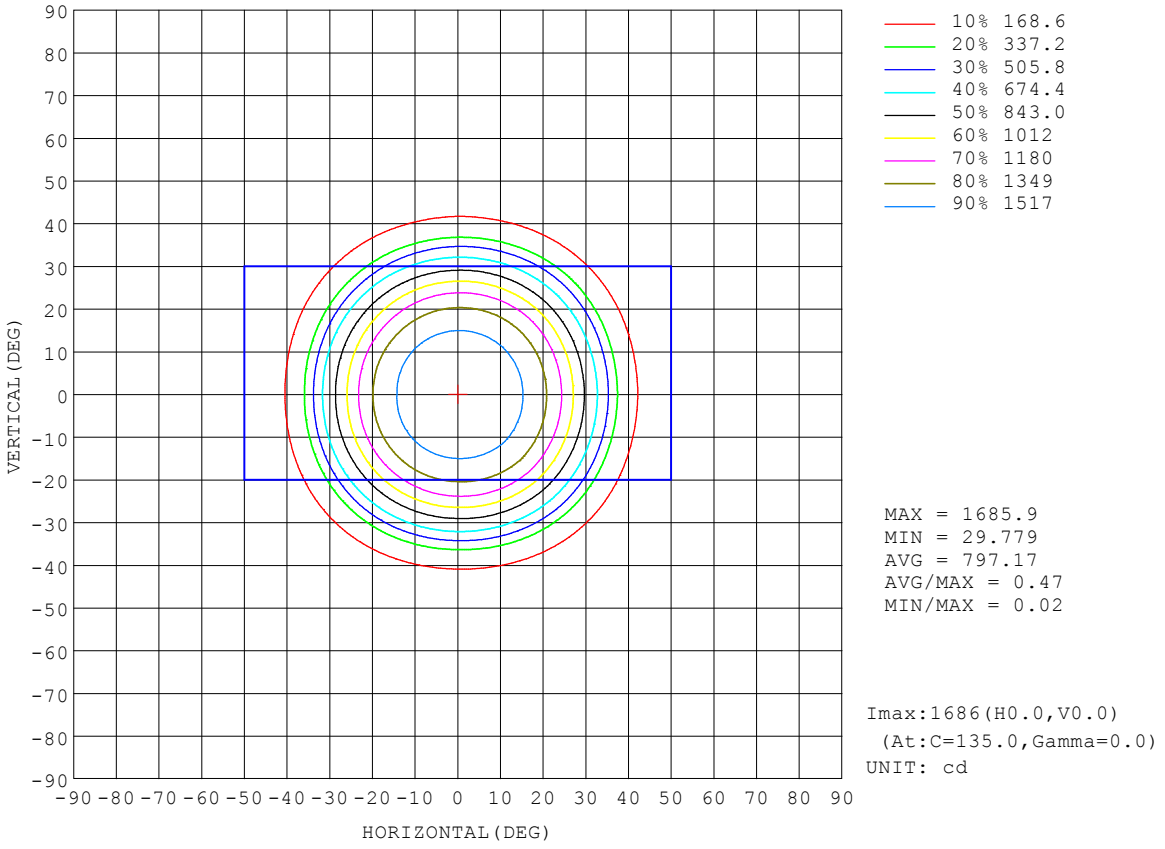
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-22

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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 60D WHITE

ISOCANDELA DIAGRAM

Test:U:240.3V I:0.0782A P:18.2W PF:0.9698 Freq:49.99Hz UTHDi:0.45% ITHDi:10.85% KDisp:0.9794 Lamp Flux:1521.14x1 lm		
NAME: HCP-10X2501-5000K RA90 60D 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
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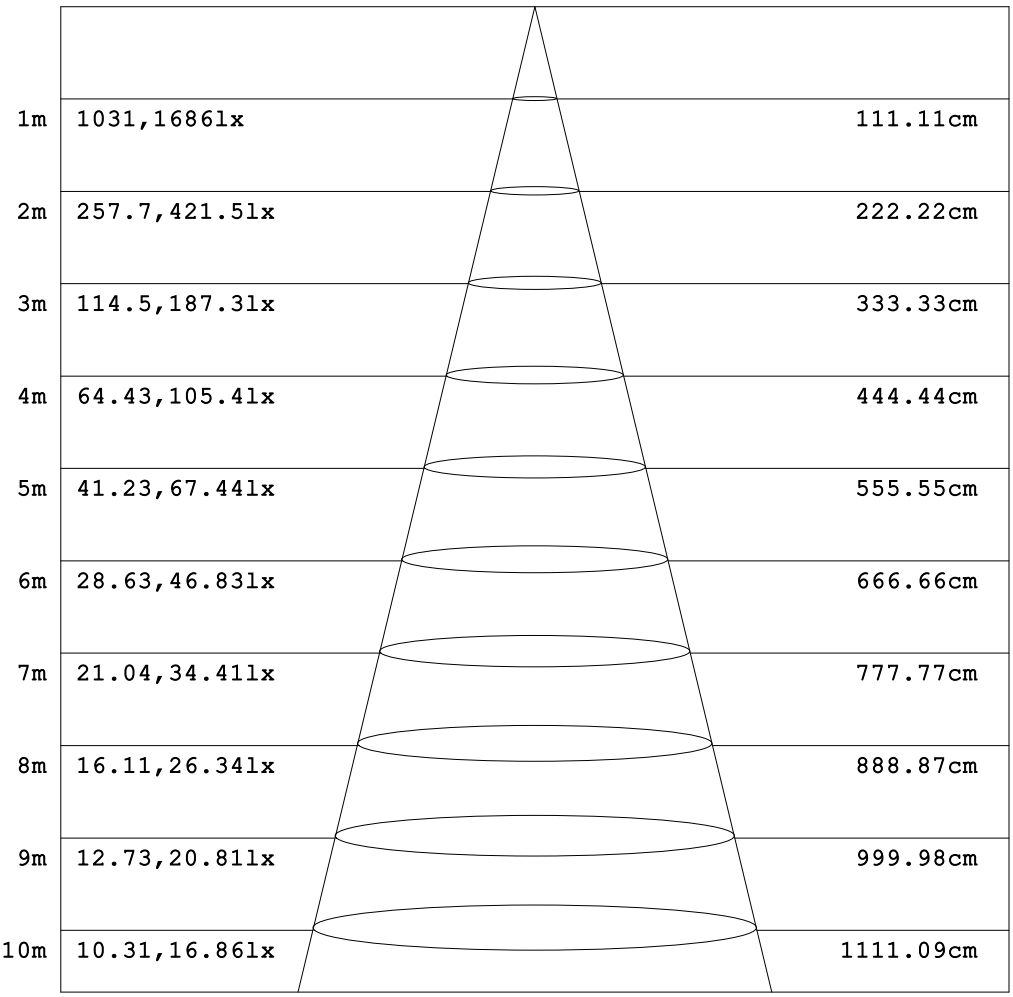
γ Range: 0 - 90DEG
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Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks:

Photometric Filename: HCP-10X2501-5000K RA90 60D WHITE

AAI Figure

Test:U:240.3V I:0.0782A P:18.2W PF:0.9698 Freq:49.99Hz UTHDi:0.45% ITHDi:10.85% KDisp:0.9794 Lamp Flux:1521.14x1 lm		
NAME: HCP-10X2501-5000K RA90 60D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 55mm	Shielding Angle:

Flux out:1079 lm



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

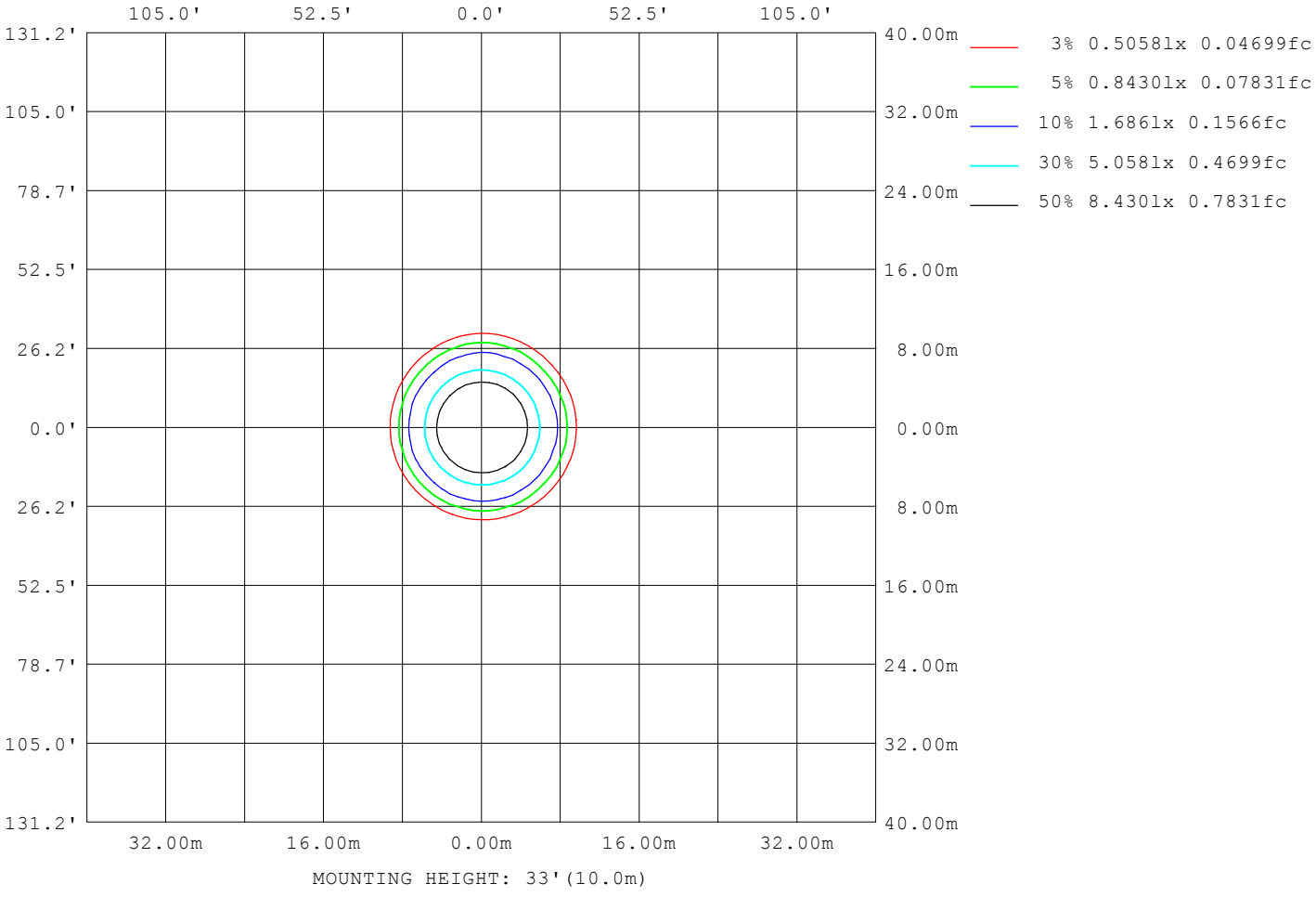
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-22

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 60D WHITE

ISOLUX DIAGRAM

Test:U:240.3V I:0.0782A P:18.2W PF:0.9698 Freq:49.99Hz **UTHDi:0.45% ITHDi:10.85% KDisp:0.9794 Lamp Flux:1521.14x1 lm**		
NAME: HCP-10X2501-5000K RA90 60D 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:2023-11-22

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:0.0782A P:18.2W PF:0.9698 Freq:49.99Hz UTHDi:0.45% ITHDi:10.85% KDisp:0.9794 Lamp Flux:1521.14x1 lm		
NAME: HCP-10X2501-5000K RA90 60D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 55mm	Shielding Angle:

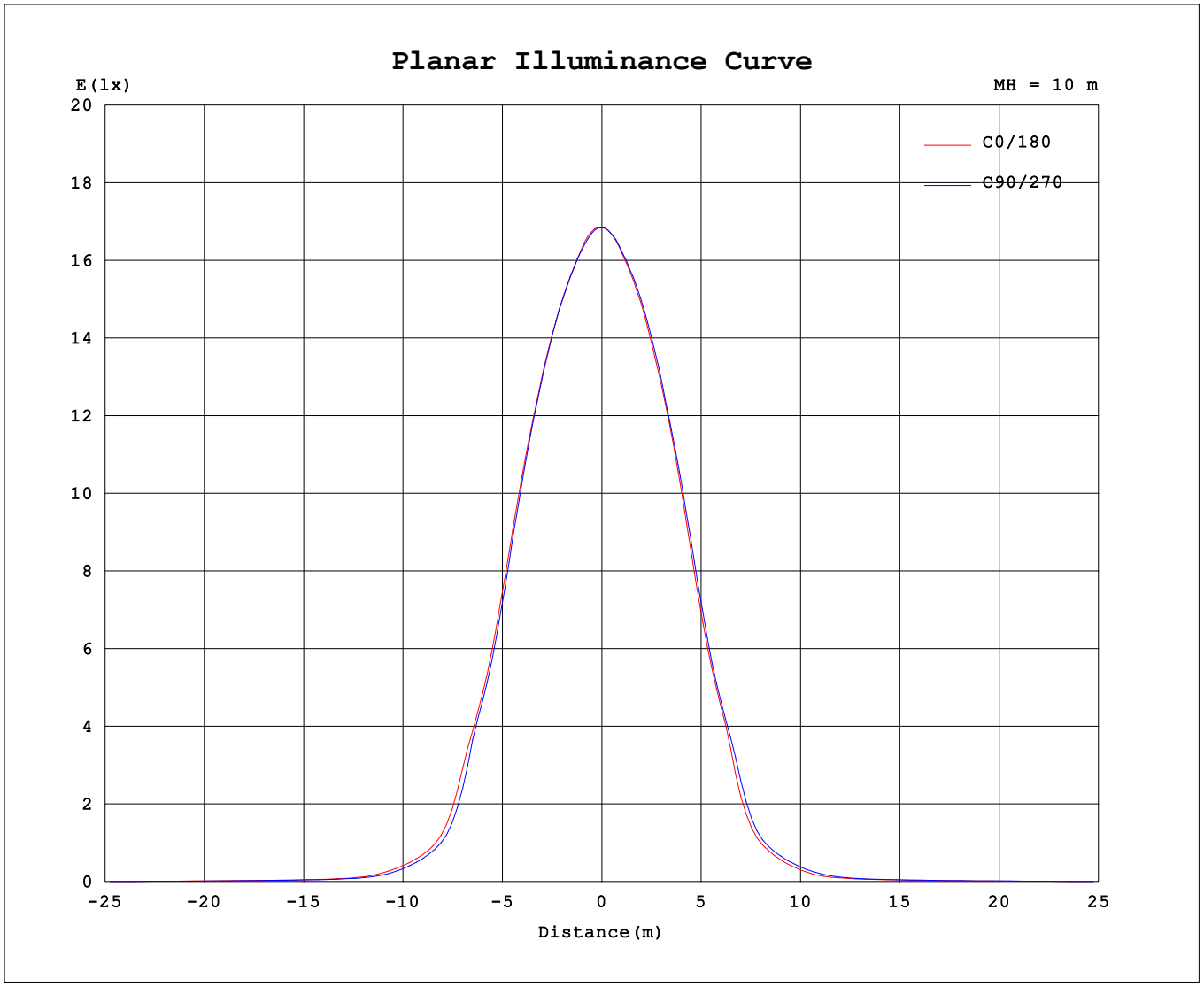
AvgL	cd/m2
L_0~180(65)av	25436
L_0~180(75)av	23337
L_0~180(85)av	17492
L_90~270(65)av	25371
L_90~270(75)av	23349
L_90~270(85)av	17645
L_45(65)av	25414
L_45(75)av	23353
L_45(85)av	17519

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-22

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:2023-11-22

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 60D WHITE

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:240.3V I:0.0782A P:18.2W PF:0.9698 Freq:49.99Hz UTHDi:0.45% ITHDi:10.85% KDisp:0.9794 Lamp Flux:1521.14x1 lm		
NAME: HCP-10X2501-5000K RA90 60D WHITE	TYPE:	WEIGHT:
SPEC.:	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	1685	1685	1685	1685	1685	1685	1685	1685
5	1665	1663	1659	1657	1653	1653	1658	1664
10	1601	1606	1606	1604	1593	1597	1604	1607
15	1523	1529	1519	1512	1498	1509	1516	1522
20	1379	1394	1368	1353	1343	1345	1361	1373
25	1142	1147	1109	1088	1070	1078	1109	1133
30	823	824	791	778	768	770	790	810
35	533	498	441	418	401	416	474	512
40	219	202	188	181	179	186	203	206
45	118	107	95.8	86.7	87.3	95.4	109	110
50	51.2	47.6	42.0	39.0	38.7	41.2	47.2	49.8
55	33.7	32.7	30.8	30.1	30.1	30.9	32.6	33.5
60	29.6	28.9	27.8	27.1	27.3	28.0	29.0	29.7
65	26.0	25.0	23.8	23.3	23.4	24.2	25.5	26.2
70	20.6	19.6	18.5	18.1	18.3	19.1	20.4	20.9
75	14.9	14.0	13.0	12.7	12.9	13.7	14.8	15.2
80	9.31	8.60	7.82	7.52	7.70	8.36	9.23	9.56
85	4.17	3.66	3.03	2.74	2.84	3.35	4.05	4.30
90	0.08	0.08	0.09	0.08	0.09	0.08	0.08	0.08

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-22

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 60D 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	1685	1685	1685	1685	1685	1685	1685	1685
3.0	1680	1678	1677	1674	1672	1670	1674	1678
6.0	1653	1651	1650	1647	1641	1642	1647	1653
9.0	1615	1617	1618	1617	1607	1610	1616	1619
12.0	1574	1582	1578	1575	1562	1568	1575	1576
15.0	1523	1529	1519	1512	1498	1509	1516	1522
18.0	1444	1458	1439	1425	1417	1422	1430	1440
21.0	1342	1354	1326	1312	1297	1301	1321	1337
24.0	1199	1206	1174	1153	1132	1141	1168	1194
27.0	1017	1018	978.0	960.9	939.9	953.6	978.8	1008
30.0	822.7	824.0	790.6	777.9	767.9	770.0	789.7	809.5
33.0	659.6	647.0	622.1	600.6	577.6	589.1	626.9	641.2
36.0	444.1	409.1	362.4	345.5	329.9	343.1	391.3	425.1
39.0	254.7	237.8	213.6	210.0	202.6	209.4	230.3	239.3
42.0	172.4	158.0	147.2	138.9	138.0	145.2	162.2	161.8
45.0	117.7	107.2	95.82	86.75	87.28	95.38	109.0	110.2
48.0	73.84	66.59	56.40	50.17	49.89	54.65	65.84	70.17
51.0	44.28	42.44	37.34	35.71	35.43	37.29	41.82	43.27
54.0	35.12	33.97	31.79	30.92	30.83	31.94	33.89	34.93
57.0	31.51	30.75	29.43	28.83	28.94	29.63	30.82	31.52
60.0	29.64	28.91	27.76	27.14	27.26	28.01	29.01	29.71
63.0	27.74	26.92	25.78	25.15	25.27	26.15	27.17	27.86
66.0	24.95	23.98	22.82	22.31	22.43	23.26	24.51	25.20
69.0	21.71	20.76	19.60	19.18	19.36	20.18	21.42	22.03
72.0	18.33	17.40	16.33	15.95	16.16	16.94	18.12	18.67
75.0	14.87	14.04	13.05	12.72	12.91	13.66	14.75	15.19
78.0	11.48	10.73	9.862	9.551	9.759	10.45	11.40	11.77
81.0	8.232	7.564	6.811	6.519	6.694	7.321	8.147	8.472
84.0	5.142	4.600	3.941	3.662	3.794	4.331	5.046	5.320
87.0	2.263	1.826	1.245	0.9061	0.9334	1.385	2.050	2.313
90.0	0.0764	0.0759	0.0913	0.0807	0.0867	0.0794	0.0823	0.0765

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