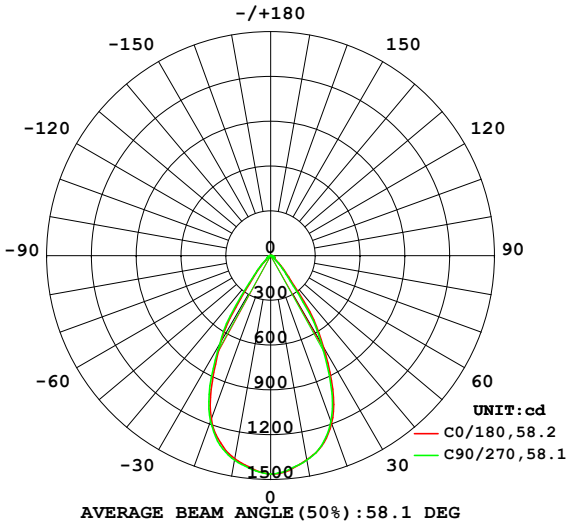
Photometric Filename: HCP-10X2501-2700K RA90 60D WHITE

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:240.3V I:0.0782A P:18.2W PF:0.9708 Freq:49.99Hz UTHDi:0.31% ITHDi:11.27% KDisp:0.9809 Lamp Flux:1316.44x1 lm		
NAME: HCP-10X2501-2700K RA90 60D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 55mm	Shielding Angle:

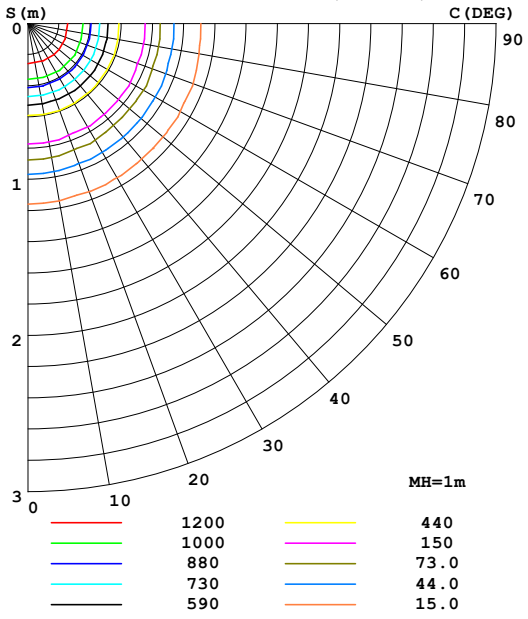
DATA OF LAMP		PHOTOMETRIC DATA Eff: 72.18 lm/W			
MODEL		Imax(cd)	1463	S/MH(C0/180)	0.87
NOMINAL POWER(W)	19	LOR(%)	100.0	S/MH(C90/270)	0.88
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	1316.4	η UP,DN(C0-180)	0.0,50.4
NOMINAL FLUX(lm)	1316.44	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,49.6
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	240.23	η down(%)	100.0	CIBSE SHR MAX	0.90

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):58.1 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:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	1390	1394	1392	1392	1382	1387	1392	1393	0- 10	135.7	135.7	10.3,10.3
20	1195	1204	1182	1176	1164	1164	1180	1197	10- 20	366.8	502.5	38.2,38.2
30	708.8	713.8	683.0	668.8	665.6	674.4	685.4	695.4	20- 30	433.0	935.5	71.1,71.1
40	187.0	176.4	163.3	152.5	154.2	163.6	175.4	172.2	30- 40	248.7	1184	90,90
50	44.03	40.96	36.06	33.51	33.26	35.30	40.49	42.85	40- 50	69.67	1254	95.2,95.2
60	25.59	25.20	24.01	23.29	23.51	24.39	25.07	25.48	50- 60	25.57	1279	97.2,97.2
70	17.75	17.17	16.05	15.49	15.74	16.65	17.56	17.87	60- 70	20.89	1300	98.8,98.8
80	8.018	7.504	6.768	6.433	6.628	7.274	7.959	8.187	70- 80	12.68	1313	99.7,99.7
90	0.0649	0.0598	0.0758	0.0649	0.0732	0.0717	0.0665	0.0617	80- 90	3.447	1316	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): 1230.1 lm

%lum = 93.4%
%lamp = 93.4%

Conical surface Flux(120deg): 1279.4 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:

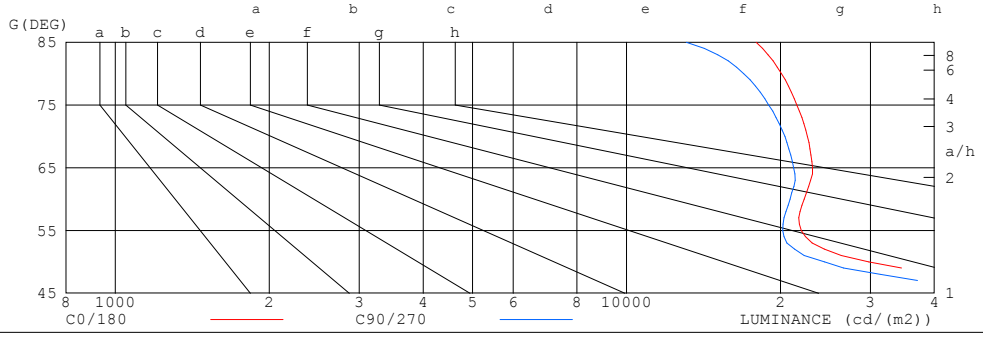
Photometric Filename: HCP-10X2501-2700K RA90 60D WHITE

LUMINANCE LIMITATION CURVES

Test:U:240.3V I:0.0782A P:18.2W PF:0.9708 Freq:49.99Hz **UTHDi:0.31% ITHDi:11.27% KDisp:0.9809** **Lamp Flux:1316.44x1 lm**		
NAME: HCP-10X2501-2700K 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	17922	13094
80	20088	16950
75	21542	18960
70	22585	20407
65	23111	21223
60	22264	20883
55	21963	20220
50	29798	24396
45	62019	51675

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-10X2501-2700K RA90 60D WHITE

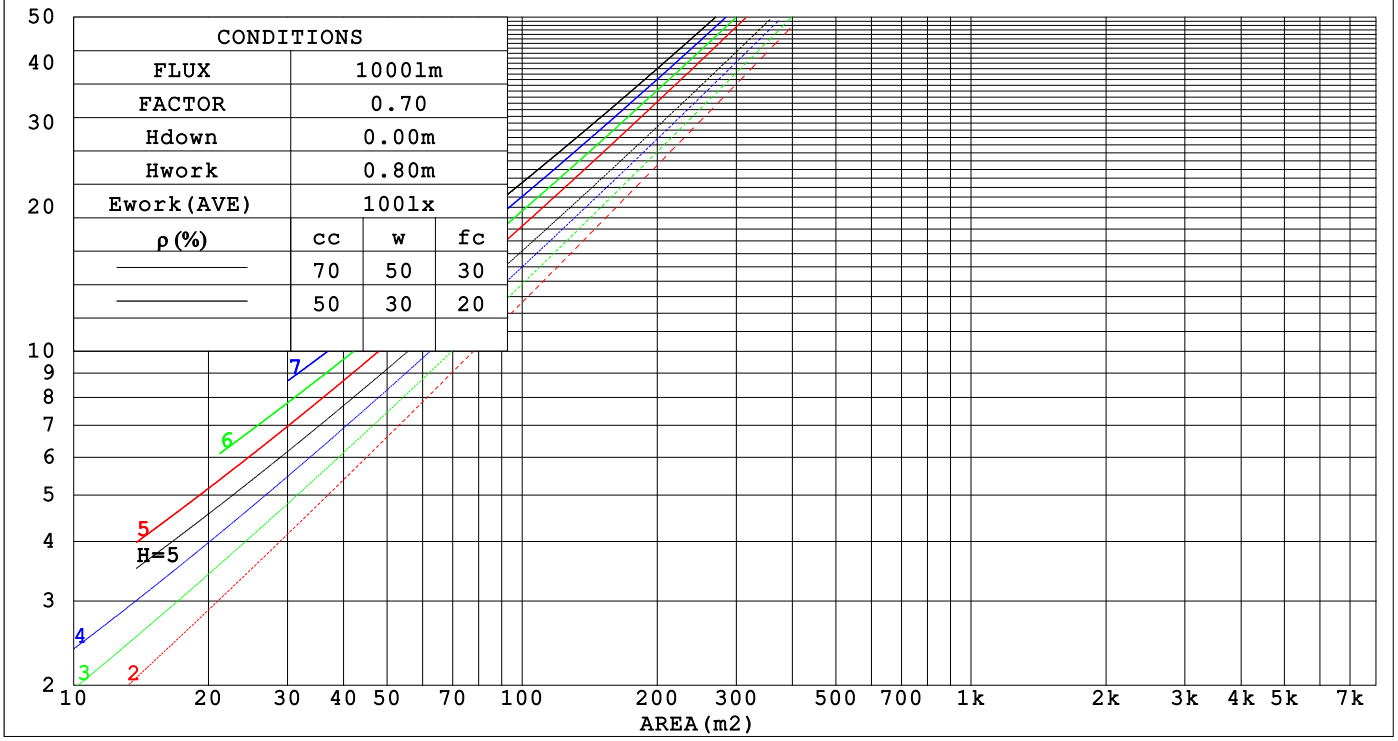
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:240.3V I:0.0782A P:18.2W PF:0.9708 Freq:49.99Hz UTHDi:0.31% ITHDi:11.27% KDisp:0.9809 Lamp Flux:1316.44x1 lm		
NAME: HCP-10X2501-2700K 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	.88	.82	.78	.85	.81	.77	.83	.79	.76	.81	.78	.75	.74
5.0	.83	.77	.73	.82	.76	.72	.80	.75	.72	.79	.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	.62	.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-10X2501-2700K RA90 60D WHITE

WEC AND CCEC

Test:U:240.3V I:0.0782A P:18.2W PF:0.9708 Freq:49.99Hz UTHDi:0.31% ITHDi:11.27% KDisp:0.9809 Lamp Flux:1316.44x1 lm		
NAME: HCP-10X2501-2700K 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	.173	.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	.083	.025	.156	.082	.024	.149	.079	.024	.141	.076	.023	.134	.073	.022	
5.0	.152	.078	.022	.149	.076	.022	.142	.074	.022	.135	.071	.021	.129	.069	.021	
6.0	.145	.073	.021	.142	.072	.021	.136	.070	.020	.130	.068	.020	.125	.066	.019	
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	.119	.059	.017	.115	.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	.097	.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	.072	.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	.112	.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-10X2501-2700K RA90 60D WHITE

UGR(Unified Glare Rating) Table

Test:U:240.3V I:0.0782A P:18.2W PF:0.9708 Freq:49.99Hz UTHDi:0.31% ITHDi:11.27% KDisp:0.9809 Lamp Flux:1316.44x1 lm		
NAME: HCP-10X2501-2700K 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	22.9	23.9	23.2	24.1	24.2	22.6	23.6	22.8	23.8	23.9
	3H	23.2	24.1	23.4	24.3	24.5	22.8	23.7	23.1	23.9	24.1
	4H	23.3	24.2	23.6	24.4	24.6	23.0	23.8	23.2	24.0	24.3
	6H	23.4	24.2	23.7	24.5	24.7	23.1	23.9	23.4	24.1	24.4
	8H	23.5	24.2	23.8	24.5	24.8	23.1	23.8	23.4	24.1	24.4
	12H	23.5	24.2	23.8	24.5	24.8	23.1	23.8	23.4	24.1	24.4
4H	2H	22.8	23.7	23.1	23.9	24.1	22.6	23.4	22.8	23.6	23.9
	3H	23.2	24.0	23.6	24.2	24.5	22.9	23.7	23.3	23.9	24.2
	4H	23.5	24.2	23.8	24.5	24.8	23.2	23.8	23.5	24.1	24.4
	6H	23.7	24.3	24.1	24.6	25.0	23.3	23.9	23.7	24.3	24.6
	8H	23.8	24.3	24.2	24.7	25.1	23.4	23.9	23.8	24.3	24.7
	12H	23.8	24.3	24.3	24.7	25.1	23.4	23.9	23.8	24.3	24.7
8H	4H	23.5	24.1	23.9	24.4	24.8	23.2	23.7	23.6	24.1	24.5
	6H	23.8	24.3	24.3	24.7	25.1	23.5	23.9	23.9	24.3	24.7
	8H	24.0	24.4	24.4	24.8	25.2	23.6	24.0	24.0	24.4	24.8
	12H	24.1	24.4	24.5	24.8	25.3	23.6	24.0	24.1	24.4	24.9
12H	4H	23.5	24.0	23.9	24.4	24.8	23.2	23.7	23.6	24.1	24.4
	6H	23.8	24.2	24.3	24.6	25.1	23.5	23.9	23.9	24.3	24.7
	8H	24.0	24.3	24.4	24.8	25.2	23.6	23.9	24.1	24.4	24.9

Variations with the observer position at spacings(CIE Pub.117):		
S = 1.0H	+ 2.0 / - 1.9	+ 1.5 / - 1.8
1.5H	+ 3.7 / - 2.0	+ 3.1 / - 1.9
2.0H	+ 2.4 / - 0.6	+ 1.9 / - 0.6

CIE Pub.117, 1316 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 1.0)
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-10X2501-2700K RA90 60D WHITE

UTILIZATION FACTORS TABLE

Test:U:240.3V I:0.0782A P:18.2W PF:0.9708 Freq:49.99Hz UTHDi:0.31% ITHDi:11.27% KDisp:0.9809 Lamp Flux:1316.44x1 lm		
NAME: HCP-10X2501-2700K 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	79	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	100	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	108	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	

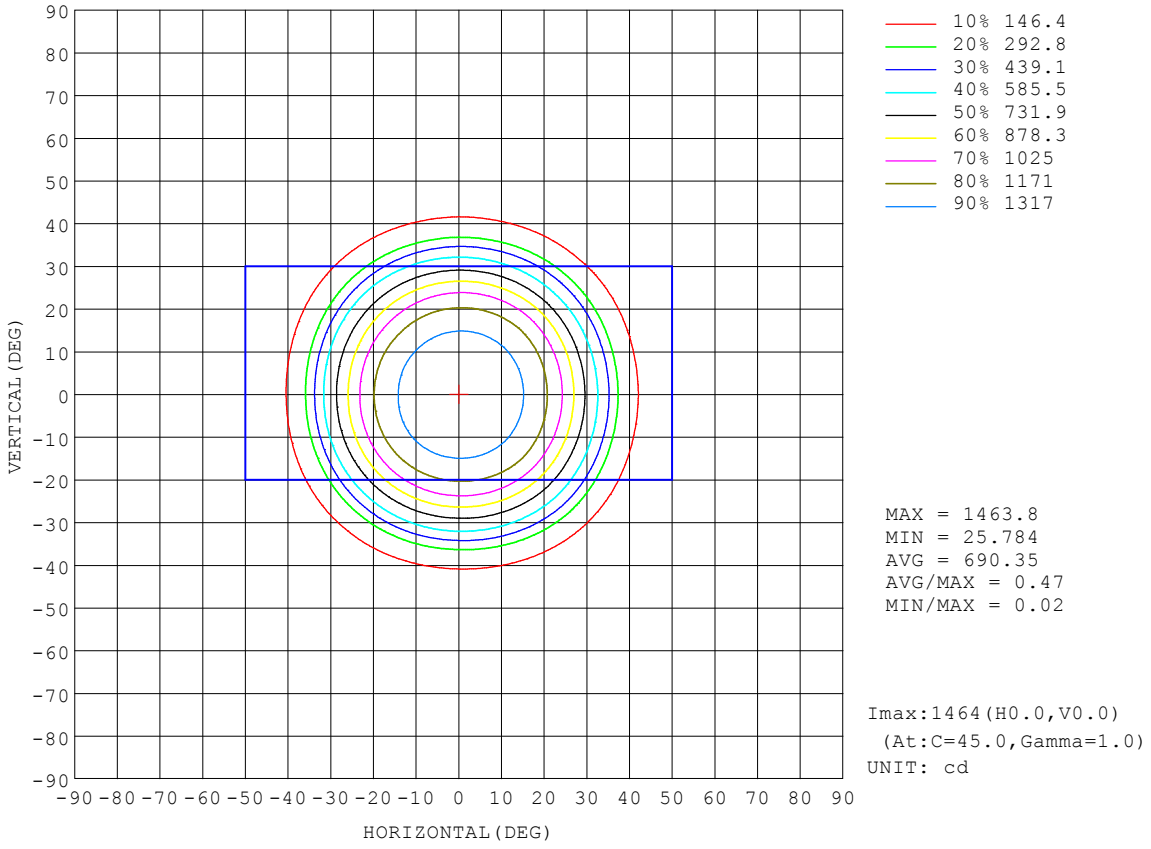
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-22

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 60D WHITE

ISOCANDELA DIAGRAM

Test:U:240.3V I:0.0782A P:18.2W PF:0.9708 Freq:49.99Hz **UTHDi:0.31% ITHDi:11.27% KDisp:0.9809 Lamp Flux:1316.44x1 lm**		
NAME: HCP-10X2501-2700K RA90 60D WHITE	**TYPE:**	**WEIGHT:**
SPEC.:	**DIM.:**	**SERIAL No.:**
MFR.: Havit Commercial	**SUR.: 55mm**	**Shielding Angle:**



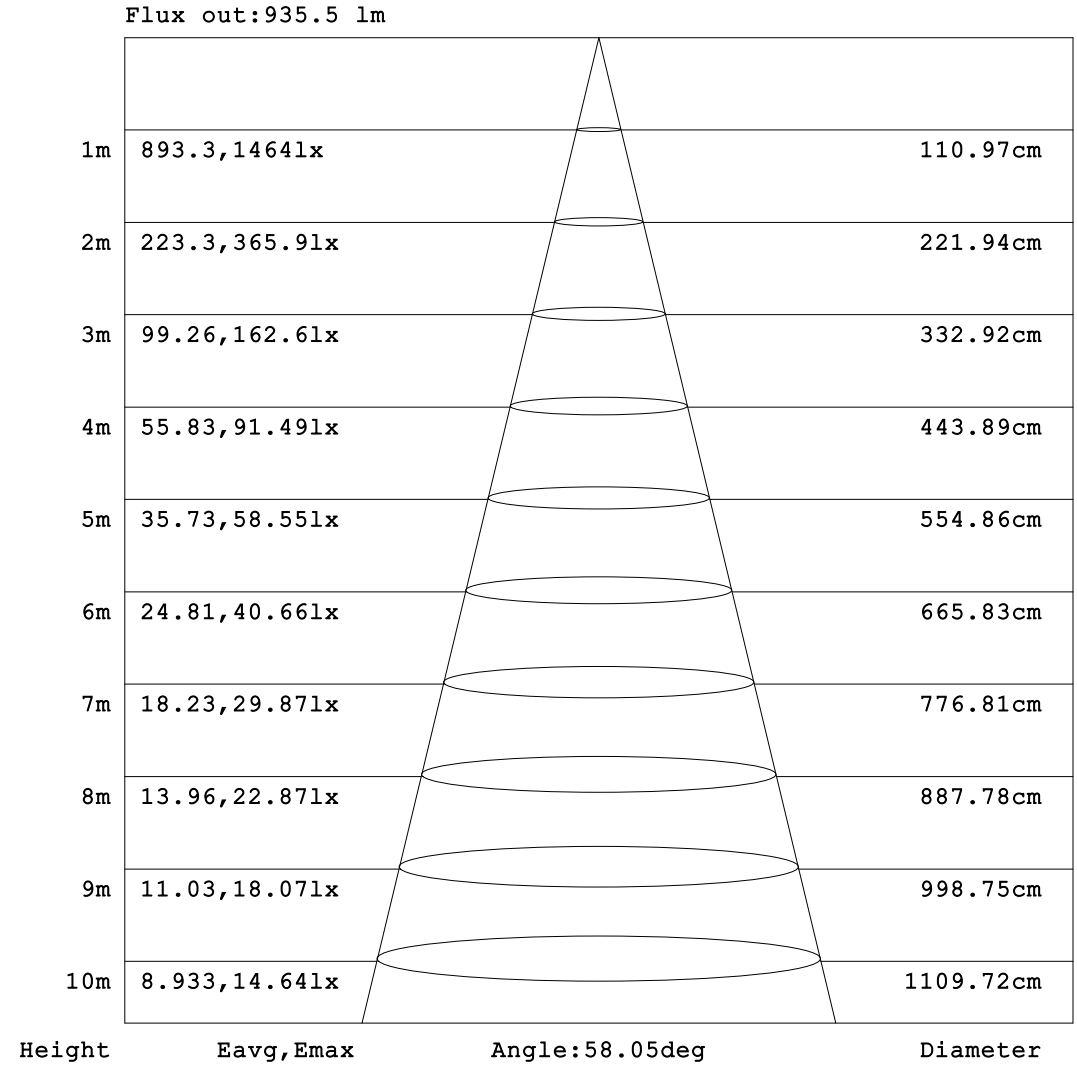
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-22

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:

Photometric Filename: HCP-10X2501-2700K RA90 60D WHITE

AAI Figure

Test:U:240.3V I:0.0782A P:18.2W PF:0.9708 Freq:49.99Hz UTHDi:0.31% ITHDi:11.27% KDisp:0.9809 Lamp Flux:1316.44x1 lm		
NAME: HCP-10X2501-2700K RA90 60D 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.

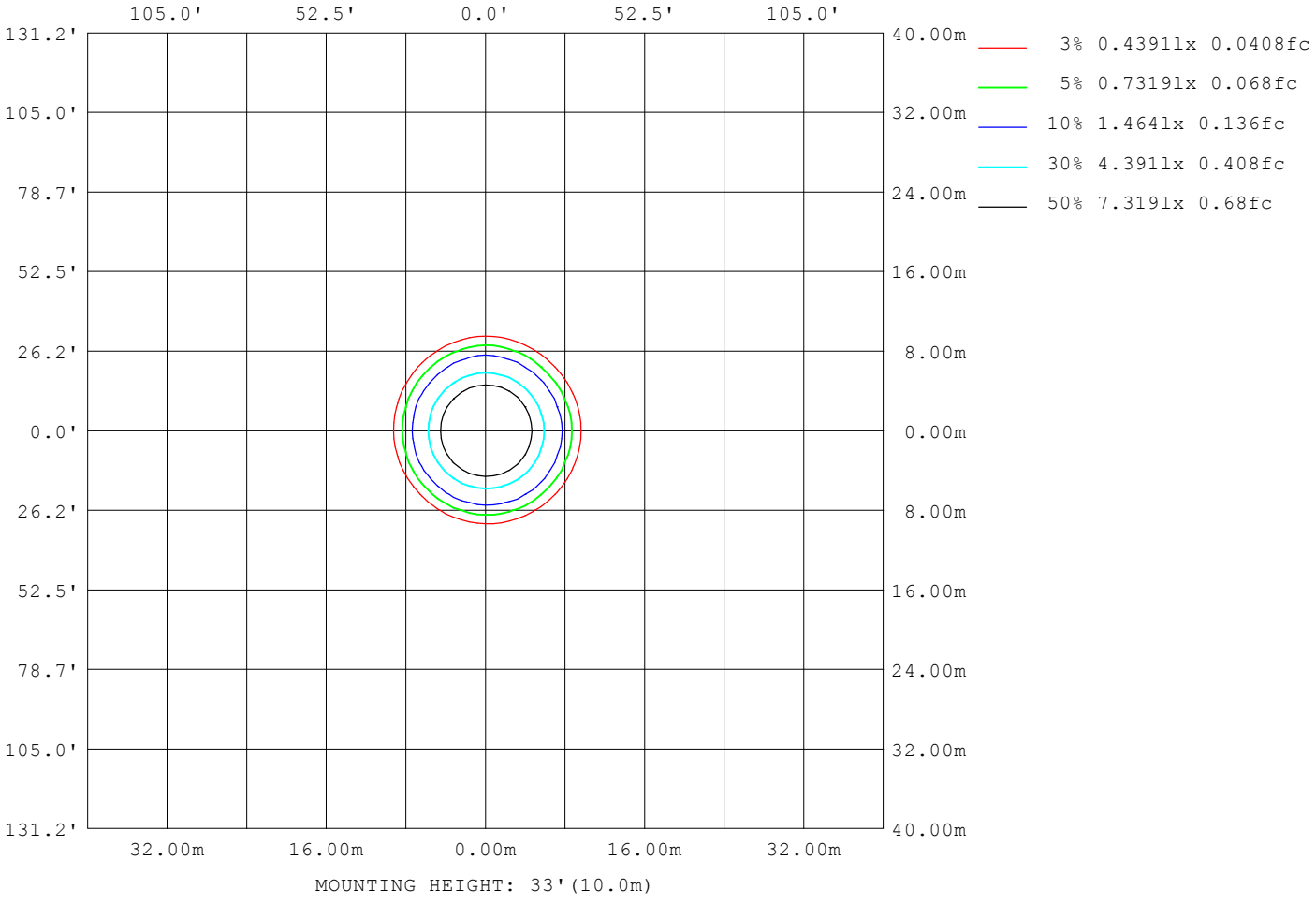
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-22

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-10X2501-2700K RA90 60D WHITE

ISOLUX DIAGRAM

Test:U:240.3V I:0.0782A P:18.2W PF:0.9708 Freq:49.99Hz **UTHDi:0.31% ITHDi:11.27% KDisp:0.9809 Lamp Flux:1316.44x1 lm**		
NAME: HCP-10X2501-2700K 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:0.9708 Freq:49.99Hz UTHDi:0.31% ITHDi:11.27% KDisp:0.9809 Lamp Flux:1316.44x1 lm		
NAME: HCP-10X2501-2700K RA90 60D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 55mm	Shielding Angle:

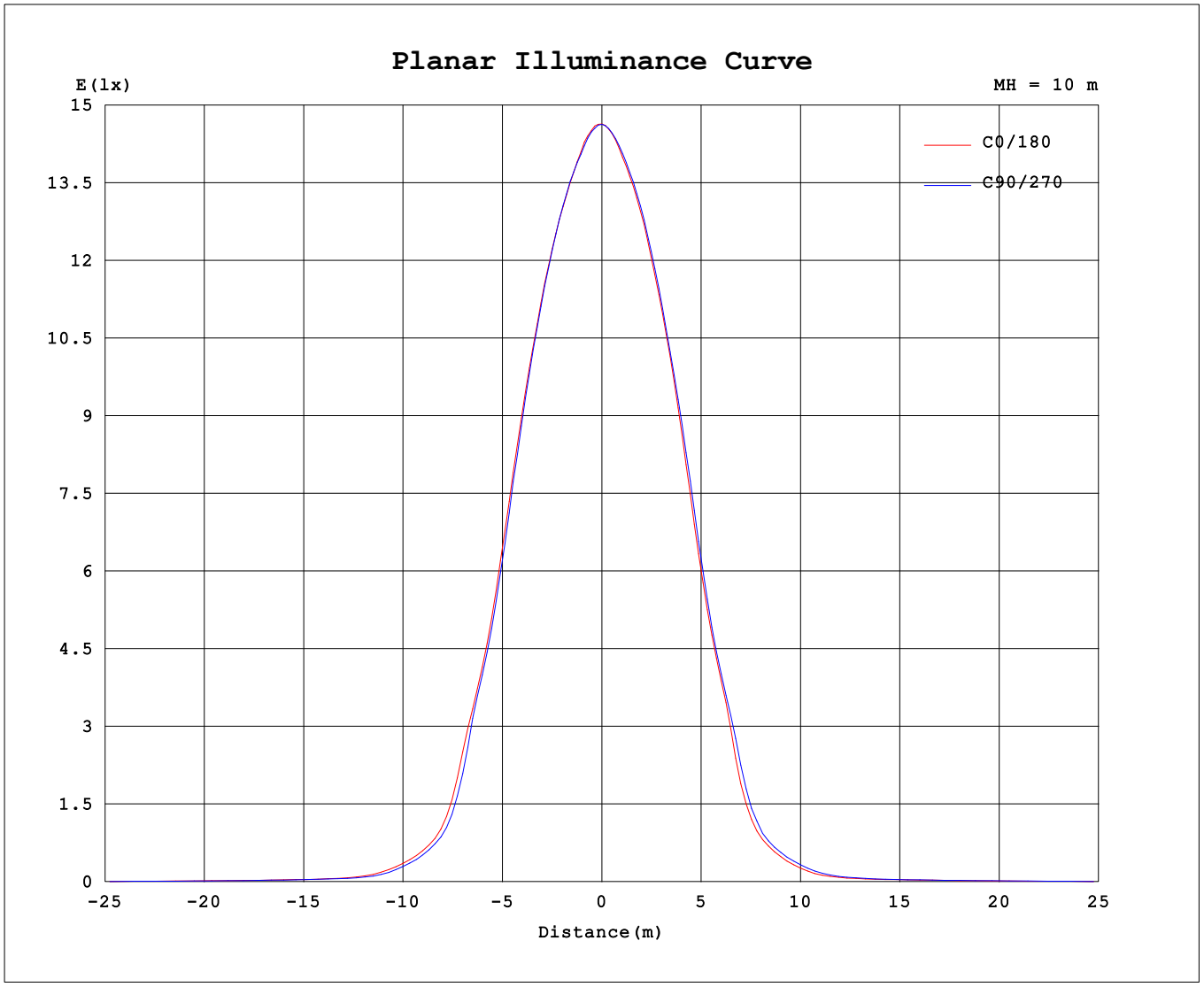
AvgL	cd/m2
L_0~180(65)av	21922
L_0~180(75)av	20102
L_0~180(85)av	15063
L_90~270(65)av	21942
L_90~270(75)av	20172
L_90~270(85)av	15254
L_45(65)av	21966
L_45(75)av	20168
L_45(85)av	15117

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-10X2501-2700K RA90 60D WHITE

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:240.3V I:0.0782A P:18.2W PF:0.9708 Freq:49.99Hz UTHDi:0.31% ITHDi:11.27% KDisp:0.9809 Lamp Flux:1316.44x1 lm		
NAME: HCP-10X2501-2700K 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	1463	1463	1463	1463	1463	1463	1463	1463
5	1444	1443	1437	1435	1432	1434	1437	1442
10	1390	1394	1392	1392	1382	1387	1392	1393
15	1320	1325	1317	1314	1300	1302	1314	1323
20	1195	1204	1182	1176	1164	1164	1180	1197
25	986	988	957	945	927	936	964	984
30	709	714	683	669	666	674	685	695
35	457	440	381	348	345	375	411	429
40	187	176	163	153	154	164	175	172
45	101	92.7	84.0	74.5	75.0	82.8	92.9	94.2
50	44.0	41.0	36.1	33.5	33.3	35.3	40.5	42.8
55	29.0	28.5	26.7	25.8	25.9	26.9	28.1	28.7
60	25.6	25.2	24.0	23.3	23.5	24.4	25.1	25.5
65	22.4	21.9	20.6	20.0	20.2	21.1	22.0	22.5
70	17.8	17.2	16.0	15.5	15.7	16.6	17.6	17.9
75	12.8	12.2	11.3	10.9	11.1	11.9	12.7	13.0
80	8.02	7.50	6.77	6.43	6.63	7.27	7.96	8.19
85	3.59	3.18	2.62	2.35	2.45	2.91	3.49	3.68
90	0.06	0.06	0.08	0.06	0.07	0.07	0.07	0.06

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-10X2501-2700K 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	1463	1463	1463	1463	1463	1463	1463	1463
3.0	1456	1456	1454	1451	1450	1450	1452	1455
6.0	1432	1434	1428	1427	1422	1426	1430	1434
9.0	1401	1405	1403	1401	1393	1398	1402	1403
12.0	1366	1371	1367	1365	1356	1359	1366	1369
15.0	1320	1325	1317	1314	1300	1302	1314	1323
18.0	1252	1258	1245	1239	1228	1229	1240	1254
21.0	1162	1171	1148	1139	1124	1127	1145	1165
24.0	1037	1040	1013	1001	981.6	990.4	1016	1038
27.0	876.7	876.0	843.9	831.7	816.3	830.4	847.7	874.2
30.0	708.8	713.8	683.0	668.8	665.6	674.4	685.4	695.4
33.0	566.1	566.7	536.0	511.1	500.2	523.1	543.8	543.8
36.0	379.4	365.6	313.6	286.4	284.5	309.2	339.3	351.6
39.0	217.3	210.4	184.8	173.0	174.2	185.1	199.6	197.9
42.0	147.8	137.0	127.4	116.3	119.3	127.0	139.0	135.6
45.0	100.8	92.70	84.02	74.53	74.96	82.78	92.94	94.25
48.0	63.19	56.89	48.34	43.45	42.85	46.42	56.31	60.48
51.0	38.04	36.69	32.21	30.68	30.42	32.18	36.02	37.01
54.0	30.26	29.63	27.47	26.51	26.55	27.74	29.20	29.92
57.0	27.21	26.78	25.46	24.75	24.93	25.80	26.64	27.06
60.0	25.59	25.20	24.01	23.29	23.51	24.39	25.07	25.48
63.0	23.92	23.48	22.31	21.55	21.77	22.77	23.51	23.88
66.0	21.53	20.96	19.73	19.08	19.31	20.28	21.20	21.57
69.0	18.73	18.14	16.97	16.41	16.66	17.57	18.50	18.83
72.0	15.80	15.21	14.13	13.64	13.89	14.74	15.65	15.92
75.0	12.82	12.24	11.28	10.88	11.12	11.90	12.73	13.00
78.0	9.911	9.355	8.549	8.180	8.389	9.111	9.846	10.09
81.0	7.095	6.595	5.906	5.584	5.758	6.373	7.032	7.252
84.0	4.432	4.004	3.414	3.137	3.272	3.766	4.350	4.549
87.0	1.946	1.585	1.081	0.7825	0.8088	1.201	1.765	1.977
90.0	0.0649	0.0598	0.0758	0.0649	0.0732	0.0717	0.0665	0.0617

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