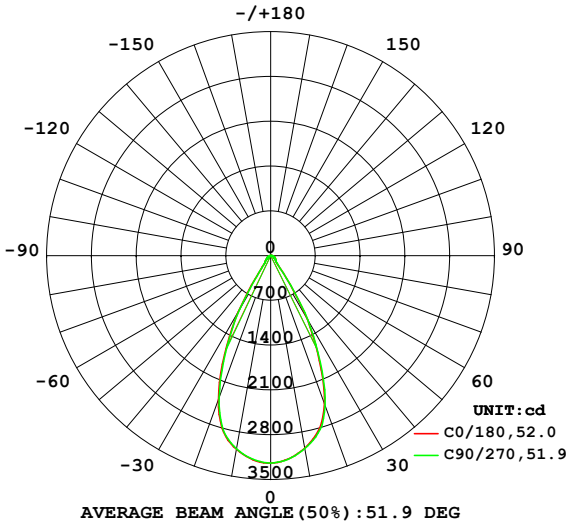
Photometric Filename: HCP-10X2701-5700K RA90 60D WHITE

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:240.3V I:0.1163A P:27.7W PF:0.9905 Freq:49.99Hz UTHDi:0.24% ITHDi:5.79% KDisp:0.9944 Lamp Flux:2410.45x1 lm		
NAME: HCP-10X2701-5700K RA90 60D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

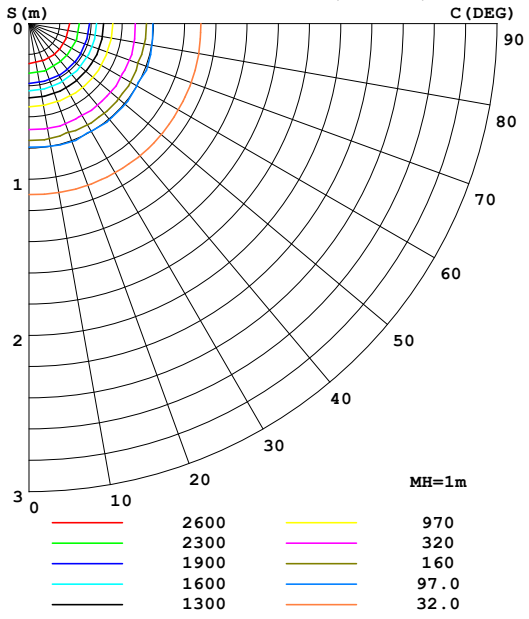
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 87.09 lm/W	
MODEL		Imax(cd)	3242	S/MH(C0/180)	0.78
NOMINAL POWER(W)	29	LOR(%)	100.0	S/MH(C90/270)	0.77
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	2410.4	η UP,DN(C0-180)	0.0,51.6
NOMINAL FLUX(lm)	2410.45	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,48.4
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	240.26	η down(%)	100.0	CIBSE SHR MAX	0.80

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):51.9 DEG

PLANAR ISOLUX DIAGRAM(UNIT:lx)



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-15

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-10X2701-5700K 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	3057	3062	3063	3073	3075	3070	3067	3063	0- 10	300.9	300.9	12.5,12.5
20	2461	2462	2494	2459	2396	2336	2365	2412	10- 20	788.0	1089	45.2,45.2
30	1152	1187	1173	1125	1026	955.1	970.5	1065	20- 30	794.5	1883	78.1,78.1
40	150.5	156.4	156.4	153.3	147.3	144.0	140.4	144.6	30- 40	280.2	2164	89.8,89.8
50	91.40	94.16	94.31	92.81	91.04	88.04	87.29	88.29	40- 50	89.89	2253	93.5,93.5
60	62.25	63.95	64.29	64.44	63.17	61.30	60.69	60.90	50- 60	67.22	2321	96.3,96.3
70	41.60	43.15	42.95	41.68	39.28	37.26	37.50	39.10	60- 70	51.61	2372	98.4,98.4
80	18.64	19.96	19.36	17.73	15.73	14.45	14.99	16.47	70- 80	30.08	2402	99.7,99.7
90	0.1579	0.1387	0.1577	0.1409	0.1676	0.1741	0.1835	0.1631	80- 90	8.049	2410	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): 2211.8 lm

%lum = 91.8%
%lamp = 91.8%

Conical surface Flux(130deg): 2348.8 lm

%lum = 97.4%
%lamp = 97.4%

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-15

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:

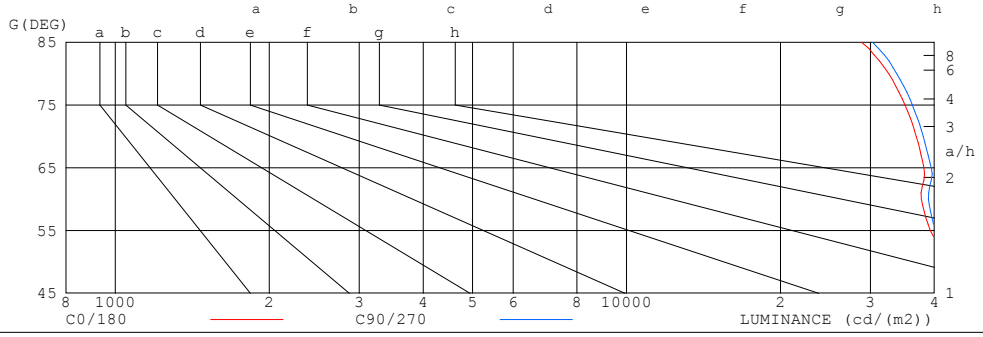
Photometric Filename: HCP-10X2701-5700K RA90 60D WHITE

LUMINANCE LIMITATION CURVES

Test:U:240.3V I:0.1163A P:27.7W PF:0.9905 Freq:49.99Hz **UTHDi:0.24% ITHDi:5.79% KDisp:0.9944 Lamp Flux:2410.45x1 lm**		
NAME: HCP-10X2701-5700K RA90 60D WHITE	**TYPE:**	**WEIGHT:**
SPEC.:	**DIM.:**	**SERIAL No.:**
MFR.: Havit Commercial	**SUR.: 65mm**	**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	28803	30319
80	32554	33781
75	35046	36229
70	36891	38052
65	38168	39445
60	37755	38959
55	39284	40235
50	43125	44455
45	49856	50792

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-15

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-10X2701-5700K RA90 60D WHITE

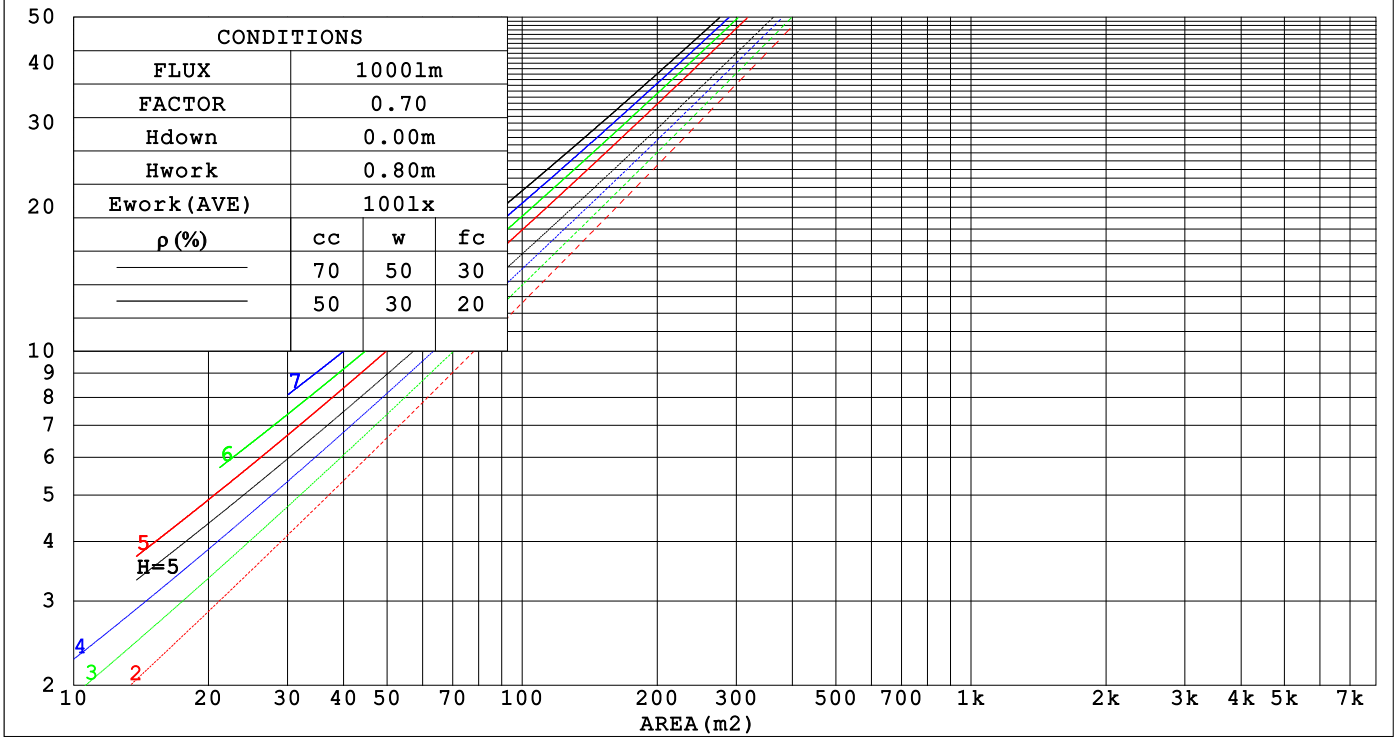
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:240.3V I:0.1163A P:27.7W PF:0.9905 Freq:49.99Hz UTHDi:0.24% ITHDi:5.79% KDisp:0.9944 Lamp Flux:2410.45x1 lm		
NAME: HCP-10X2701-5700K RA90 60D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	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	1.01	1.00	.99	.98	.97	.96	.95	.93
2.0	1.03	.98	.95	1.01	.97	.94	.98	.95	.92	.95	.92	.90	.92	.90	.88	.86
3.0	.96	.91	.87	.94	.90	.86	.92	.88	.85	.89	.86	.83	.87	.84	.82	.80
4.0	.90	.84	.80	.89	.83	.80	.86	.82	.79	.84	.81	.78	.83	.79	.77	.75
5.0	.84	.79	.74	.83	.78	.74	.82	.77	.73	.80	.76	.73	.78	.75	.72	.71
6.0	.80	.74	.70	.79	.73	.69	.77	.72	.69	.76	.72	.68	.75	.71	.68	.66
7.0	.75	.69	.65	.75	.69	.65	.73	.68	.65	.72	.68	.64	.71	.67	.64	.63
8.0	.71	.66	.62	.71	.65	.61	.70	.65	.61	.69	.64	.61	.68	.64	.61	.59
9.0	.68	.62	.58	.67	.62	.58	.66	.61	.58	.65	.61	.58	.65	.60	.57	.56
10.0	.64	.59	.55	.64	.59	.55	.63	.58	.55	.62	.58	.55	.62	.58	.55	.53

LAMPS

LUMINAIRE BUDGETARY DIAGRAM



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-15

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-10X2701-5700K RA90 60D WHITE

WEC AND CCEC

Test:U:240.3V I:0.1163A P:27.7W PF:0.9905 Freq:49.99Hz UTHDi:0.24% ITHDi:5.79% KDisp:0.9944 Lamp Flux:2410.45x1 lm		
NAME: HCP-10X2701-5700K RA90 60D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	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	.186	.106	.033	.179	.102	.032	.166	.095	.030	.155	.089	.029	.144	.083	.027	
2.0	.175	.096	.029	.170	.093	.029	.159	.088	.027	.149	.084	.026	.140	.079	.025	
3.0	.165	.088	.026	.160	.086	.026	.151	.082	.025	.143	.078	.024	.135	.075	.023	
4.0	.155	.081	.024	.151	.079	.023	.143	.076	.023	.136	.073	.022	.129	.070	.021	
5.0	.147	.075	.022	.143	.074	.021	.136	.071	.021	.130	.069	.020	.124	.066	.020	
6.0	.139	.070	.020	.136	.069	.020	.130	.067	.019	.125	.065	.019	.119	.063	.019	
7.0	.132	.065	.019	.130	.065	.018	.124	.063	.018	.119	.061	.018	.115	.060	.018	
8.0	.126	.062	.017	.124	.061	.017	.119	.059	.017	.114	.058	.017	.110	.057	.017	
9.0	.120	.058	.016	.118	.058	.016	.114	.056	.016	.110	.055	.016	.106	.054	.016	
10.0	.115	.055	.015	.113	.055	.015	.109	.054	.015	.106	.053	.015	.103	.052	.015	

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	.134	.114	.097	.092	.079	.068	.053	.046	.040	.017	.015	.013	
3.0	.144	.114	.089	.124	.098	.077	.085	.068	.054	.049	.040	.032	.016	.013	.010	
4.0	.134	.099	.072	.115	.085	.063	.079	.060	.044	.046	.035	.026	.015	.011	.009	
5.0	.125	.087	.060	.107	.076	.052	.074	.053	.037	.043	.031	.022	.014	.010	.007	
6.0	.117	.078	.050	.101	.067	.043	.069	.047	.031	.040	.028	.018	.013	.009	.006	
7.0	.110	.070	.042	.095	.061	.037	.066	.043	.026	.038	.025	.016	.012	.008	.005	
8.0	.104	.064	.036	.090	.056	.032	.062	.039	.022	.036	.023	.013	.012	.008	.004	
9.0	.099	.059	.032	.085	.051	.028	.059	.036	.020	.034	.021	.012	.011	.007	.004	
10.0	.094	.054	.028	.081	.047	.024	.056	.033	.017	.033	.020	.010	.011	.006	.003	

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-15

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-10X2701-5700K RA90 60D WHITE

UGR(Unified Glare Rating) Table

Test:U:240.3V I:0.1163A P:27.7W PF:0.9905 Freq:49.99Hz UTHDi:0.24% ITHDi:5.79% KDisp:0.9944 Lamp Flux:2410.45x1 lm		
NAME: HCP-10X2701-5700K RA90 60D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	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	22.1	23.0	22.3	23.2	23.4	22.2	23.2	22.4	23.3	23.5
	3H	23.0	23.8	23.2	24.0	24.2	23.1	24.0	23.4	24.2	24.4
	4H	23.4	24.2	23.7	24.4	24.7	23.5	24.4	23.8	24.6	24.8
	6H	23.7	24.5	24.0	24.8	25.0	23.9	24.7	24.2	24.9	25.2
	8H	23.9	24.6	24.2	24.9	25.1	24.0	24.8	24.3	25.0	25.3
	12H	23.9	24.6	24.2	24.9	25.2	24.1	24.8	24.4	25.1	25.4
4H	2H	22.4	23.2	22.6	23.4	23.6	22.5	23.3	22.8	23.5	23.7
	3H	23.5	24.2	23.8	24.5	24.8	23.6	24.3	23.9	24.6	24.9
	4H	24.1	24.7	24.4	25.0	25.3	24.2	24.9	24.5	25.2	25.5
	6H	24.5	25.1	24.9	25.5	25.8	24.7	25.3	25.1	25.6	25.9
	8H	24.7	25.3	25.1	25.6	26.0	24.9	25.4	25.3	25.7	26.1
	12H	24.8	25.3	25.2	25.7	26.1	25.0	25.5	25.4	25.8	26.2
8H	4H	24.3	24.8	24.7	25.2	25.5	24.4	24.9	24.8	25.3	25.7
	6H	24.9	25.3	25.3	25.7	26.2	25.0	25.5	25.5	25.9	26.3
	8H	25.2	25.5	25.6	26.0	26.4	25.3	25.7	25.7	26.1	26.5
	12H	25.3	25.7	25.8	26.1	26.6	25.5	25.8	25.9	26.3	26.7
12H	4H	24.3	24.8	24.7	25.2	25.5	24.4	24.9	24.8	25.3	25.7
	6H	25.0	25.3	25.4	25.8	26.2	25.1	25.5	25.5	25.9	26.3
	8H	25.2	25.6	25.7	26.0	26.5	25.4	25.7	25.8	26.1	26.6

Variations with the observer position at spacings(CIE Pub.117):		
S = 1.0H	+ 0.4 / - 0.4	+ 0.4 / - 0.4
1.5H	+ 0.7 / - 0.3	+ 0.7 / - 0.3
2.0H	+ 0.3 / - 0.3	+ 0.2 / - 0.3

CIE Pub.117, 2410 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 3.1)
Area: 0.0033 m2

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-15

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-10X2701-5700K RA90 60D WHITE

UTILIZATION FACTORS TABLE

Test:U:240.3V I:0.1163A P:27.7W PF:0.9905 Freq:49.99Hz UTHDi:0.24% ITHDi:5.79% KDisp:0.9944 Lamp Flux:2410.45x1 lm		
NAME: HCP-10X2701-5700K RA90 60D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	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	74	84	78	74	71
0.80	93	86	82	92	86	82	91	86	82	78
1.00	97	91	87	96	91	87	95	91	87	82
1.25	101	96	92	100	95	92	98	94	91	86
1.50	104	99	95	103	98	95	101	97	94	89
2.00	107	103	99	106	102	98	103	100	97	91
2.50	109	105	102	108	104	101	104	101	99	93
3.00	111	107	104	109	106	103	106	103	101	94
4.00	113	110	108	111	108	106	107	105	104	96
5.00	114	112	110	112	110	108	108	107	105	98
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended					SHRNOM = 1.25	

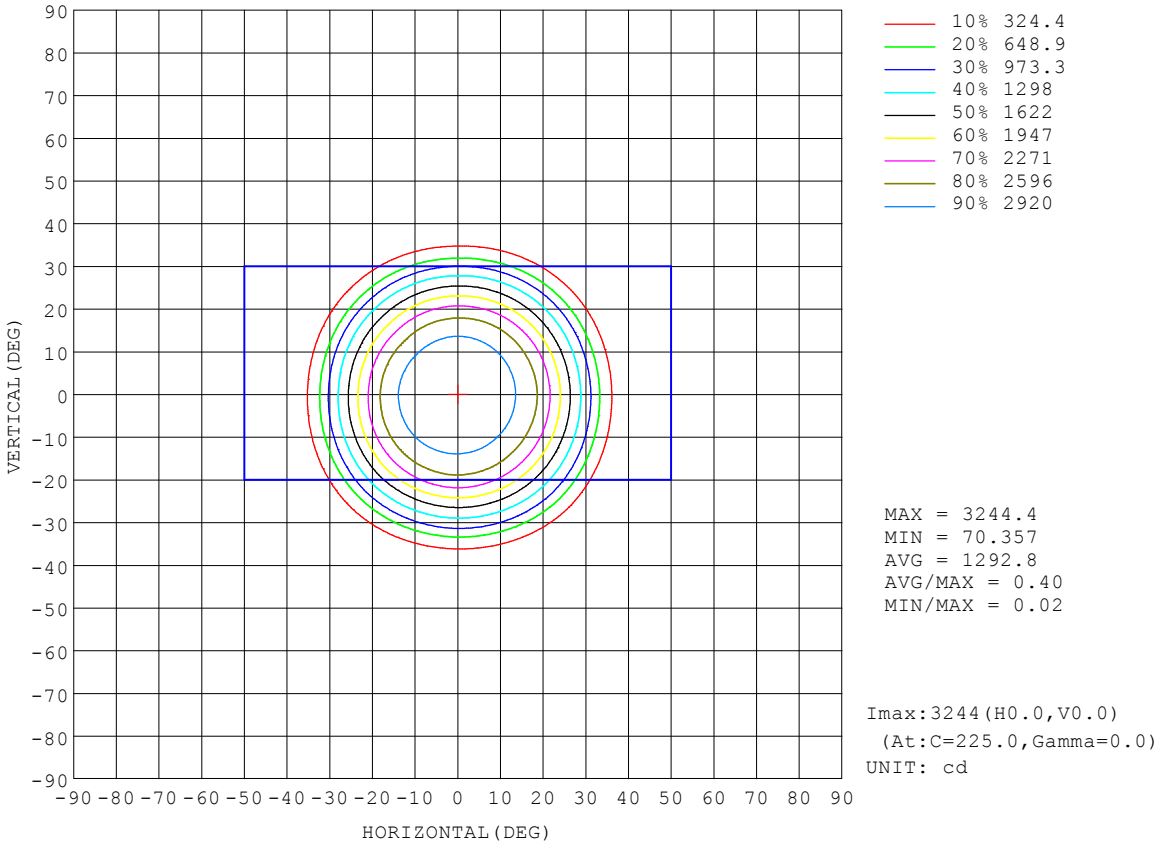
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-15

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-10X2701-5700K RA90 60D WHITE

ISOCANDELA DIAGRAM

Test:U:240.3V I:0.1163A P:27.7W PF:0.9905 Freq:49.99Hz UTHDi:0.24% ITHDi:5.79% KDisp:0.9944 Lamp Flux:2410.45x1 lm		
NAME: HCP-10X2701-5700K RA90 60D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:



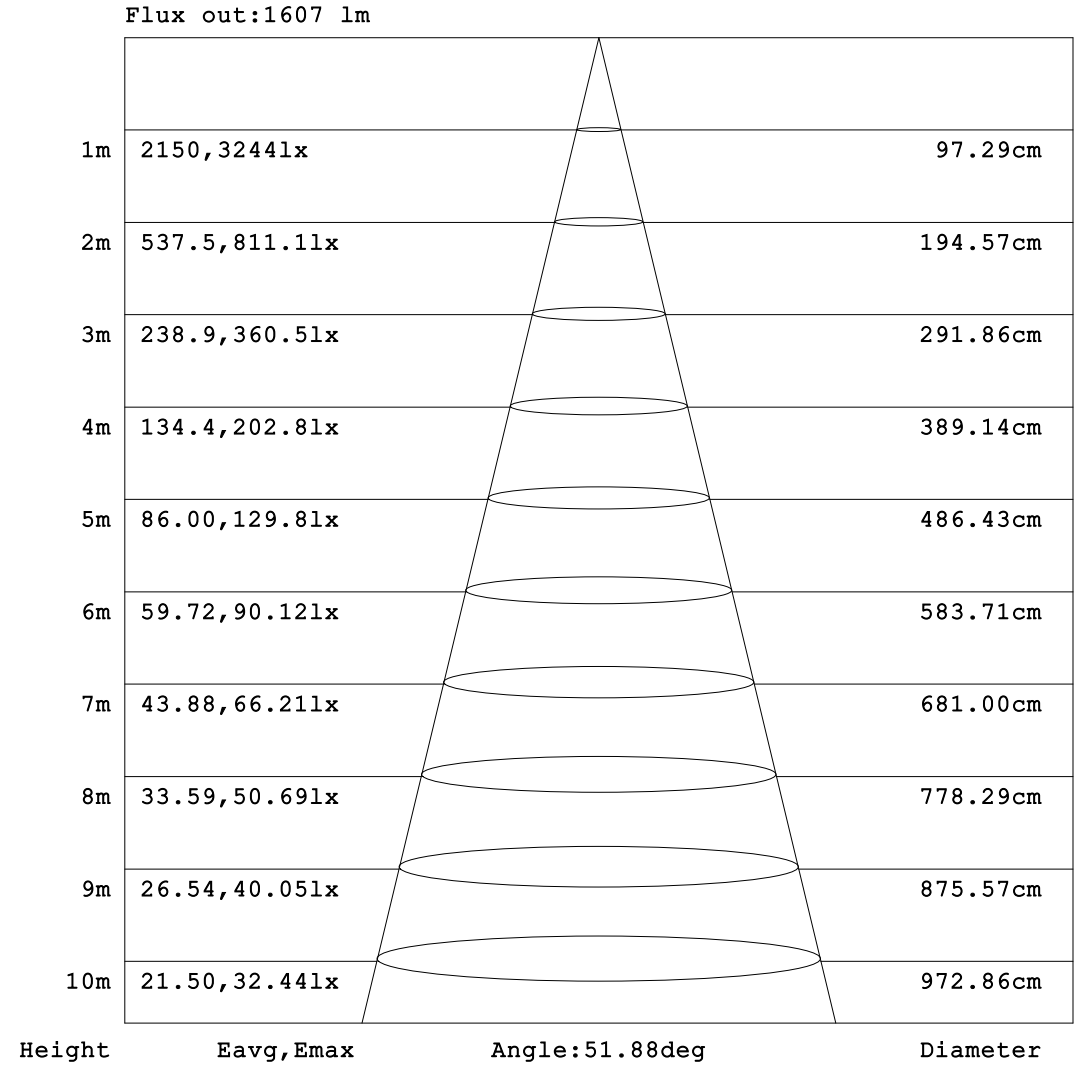
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Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks:

Photometric Filename: HCP-10X2701-5700K RA90 60D WHITE

AAI Figure

Test:U:240.3V I:0.1163A P:27.7W PF:0.9905 Freq:49.99Hz UTHDi:0.24% ITHDi:5.79% KDisp:0.9944 Lamp Flux:2410.45x1 lm		
NAME: HCP-10X2701-5700K RA90 60D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:



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

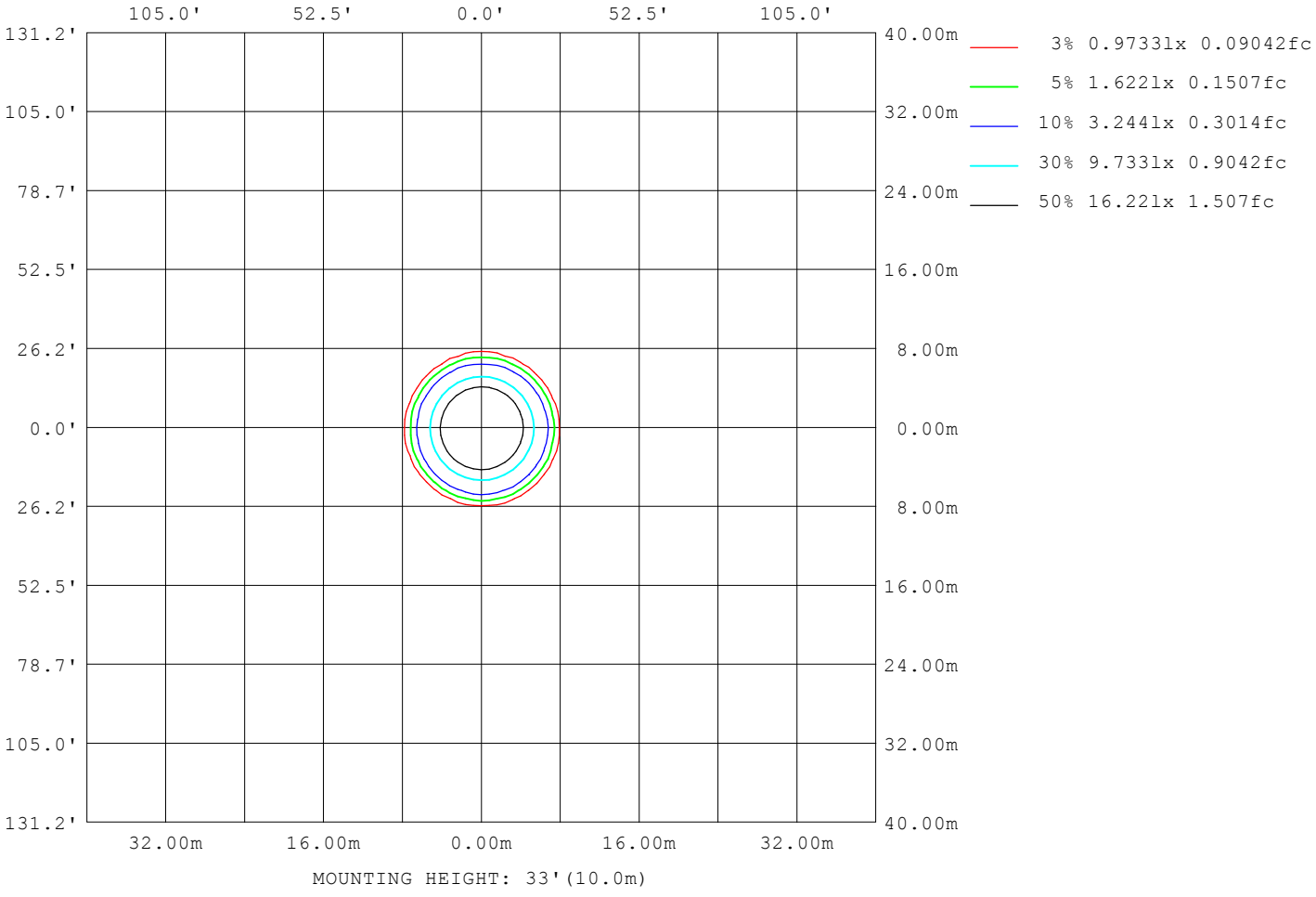
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-15

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-10X2701-5700K RA90 60D WHITE

ISOLUX DIAGRAM

Test:U:240.3V I:0.1163A P:27.7W PF:0.9905 Freq:49.99Hz UTHDi:0.24% ITHDi:5.79% KDisp:0.9944 Lamp Flux:2410.45x1 lm		
NAME: HCP-10X2701-5700K RA90 60D WHITE	**TYPE:**	**WEIGHT:**
SPEC.:	**DIM.:**	**SERIAL No.:**
MFR.: Havit Commercial	**SUR.: 65mm**	**Shielding Angle:**



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
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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:

LED Avg.L Report

Test:U:240.3V I:0.1163A P:27.7W PF:0.9905 Freq:49.99Hz UTHDi:0.24% ITHDi:5.79% KDisp:0.9944 Lamp Flux:2410.45x1 lm		
NAME: HCP-10X2701-5700K RA90 60D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

AvgL	cd/m2
L_0~180(65)av	37738
L_0~180(75)av	33335
L_0~180(85)av	24160
L_90~270(65)av	37585
L_90~270(75)av	33213
L_90~270(85)av	24426
L_45(65)av	37644
L_45(75)av	33244
L_45(85)av	24203

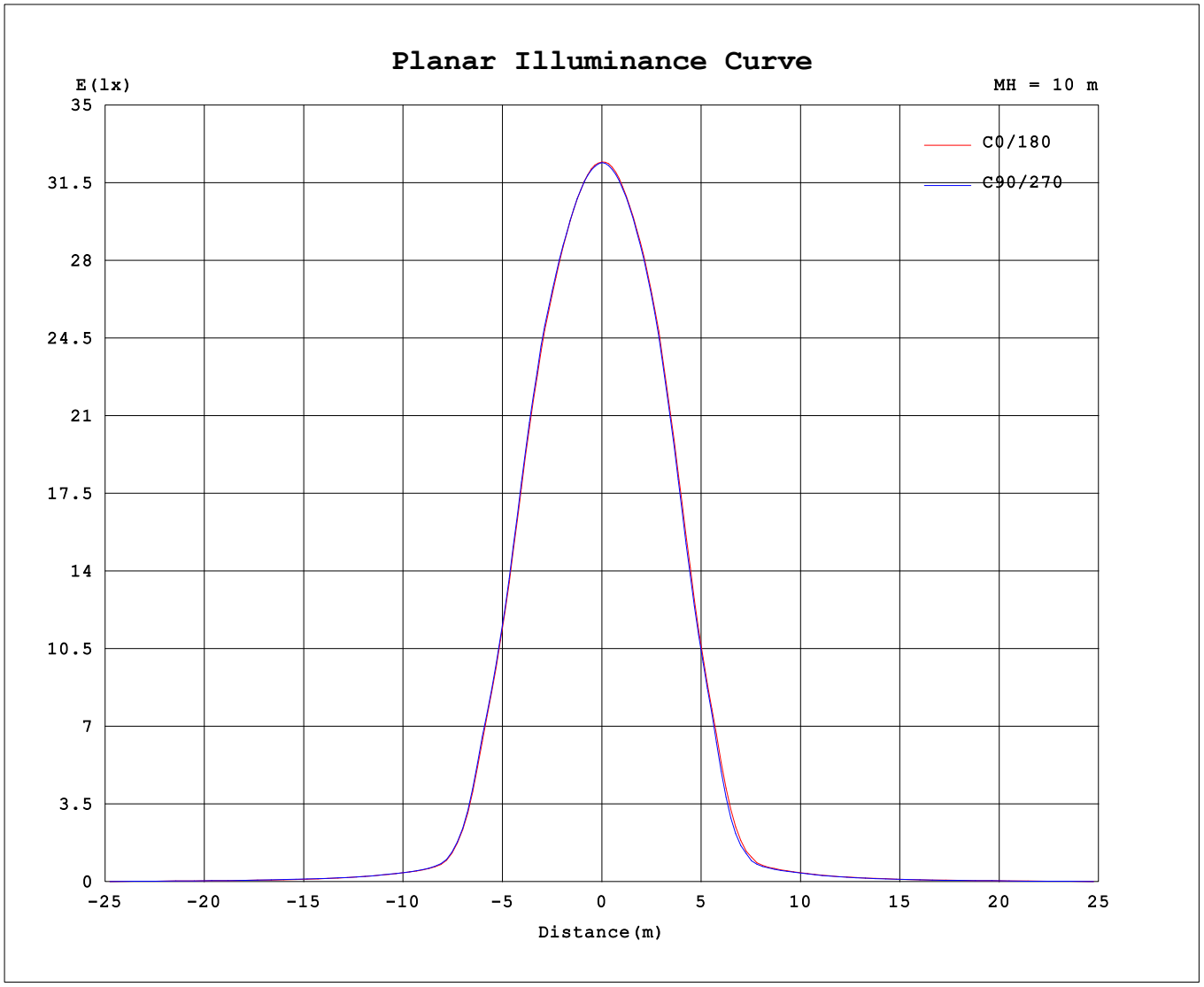
Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-15

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-10X2701-5700K RA90 60D WHITE

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-15

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-10X2701-5700K RA90 60D WHITE

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:240.3V I:0.1163A P:27.7W PF:0.9905 Freq:49.99Hz UTHDi:0.24% ITHDi:5.79% KDisp:0.9944 Lamp Flux:2410.45x1 lm		
NAME: HCP-10X2701-5700K RA90 60D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

Table--1 UNIT: cd

γ (DEG) \ C(DEG)	0	45	90	135	180	225	270	315
0	3242	3242	3242	3242	3242	3242	3242	3242
5	3191	3192	3192	3198	3204	3202	3197	3191
10	3057	3062	3063	3073	3075	3070	3067	3063
15	2849	2849	2871	2877	2857	2823	2842	2847
20	2461	2462	2494	2459	2396	2336	2365	2412
25	1810	1834	1838	1803	1709	1641	1672	1733
30	1152	1187	1173	1125	1026	955	970	1065
35	429	470	440	397	340	302	299	349
40	151	156	156	153	147	144	140	145
45	116	119	119	119	117	112	112	114
50	91.4	94.2	94.3	92.8	91.0	88.0	87.3	88.3
55	74.3	75.8	76.2	76.2	75.2	72.9	72.2	72.4
60	62.2	63.9	64.3	64.4	63.2	61.3	60.7	60.9
65	53.2	54.8	55.0	54.2	52.1	49.9	49.8	51.0
70	41.6	43.2	43.0	41.7	39.3	37.3	37.5	39.1
75	29.9	31.4	30.9	29.3	27.0	25.4	25.8	27.4
80	18.6	20.0	19.4	17.7	15.7	14.5	15.0	16.5
85	8.28	9.24	8.72	7.24	5.62	4.80	5.33	6.57
90	0.16	0.14	0.16	0.14	0.17	0.17	0.18	0.16

C Range: 0 - 360DEG
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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-10X2701-5700K 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	3242	3242	3242	3242	3242	3242	3242	3242
3.0	3223	3219	3222	3228	3232	3225	3224	3223
6.0	3169	3171	3172	3179	3182	3183	3176	3171
9.0	3089	3095	3094	3102	3106	3103	3099	3093
12.0	2983	2988	2997	3008	3005	2988	2993	2990
15.0	2849	2849	2871	2877	2857	2823	2842	2847
18.0	2648	2644	2675	2658	2610	2555	2584	2619
21.0	2354	2354	2380	2351	2266	2206	2230	2286
24.0	1954	1972	1982	1946	1858	1784	1810	1881
27.0	1537	1553	1558	1517	1427	1379	1398	1463
30.0	1152	1187	1173	1125	1026	955.1	970.5	1065
33.0	687.0	744.5	712.4	637.9	552.9	491.6	488.0	573.6
36.0	332.4	362.2	341.1	309.2	262.5	239.3	243.0	273.5
39.0	168.1	180.6	175.8	168.8	157.8	153.8	149.6	156.3
42.0	132.3	135.8	135.4	136.0	133.3	129.8	127.4	129.0
45.0	116.2	119.3	118.5	119.3	116.9	112.2	112.3	113.6
48.0	102.4	105.6	104.3	103.2	99.86	96.40	95.53	97.69
51.0	87.34	89.55	89.61	89.10	87.52	84.50	83.76	84.72
54.0	77.28	78.92	79.16	78.95	77.90	75.45	74.70	74.98
57.0	69.17	70.63	71.15	71.27	70.06	67.88	67.33	67.53
60.0	62.25	63.95	64.29	64.44	63.17	61.30	60.69	60.90
63.0	57.11	58.56	59.11	59.10	57.46	55.19	54.96	55.73
66.0	50.87	52.51	52.55	51.70	49.51	47.37	47.31	48.65
69.0	43.94	45.46	45.36	44.21	41.82	39.81	39.91	41.49
72.0	36.93	38.45	38.14	36.68	34.28	32.42	32.72	34.36
75.0	29.91	31.41	30.95	29.33	27.03	25.39	25.79	27.43
78.0	23.06	24.47	23.92	22.28	20.13	18.71	19.23	20.74
81.0	16.46	17.73	17.14	15.53	13.58	12.40	12.95	14.41
84.0	10.26	11.29	10.73	9.214	7.501	6.601	7.136	8.445
87.0	4.524	5.336	4.842	3.489	2.062	1.361	1.883	3.030
90.0	0.1579	0.1387	0.1577	0.1409	0.1676	0.1741	0.1835	0.1631

C Range: 0 - 360DEG
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γ Range: 0 - 90DEG
γ Interval: 1.0DEG
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