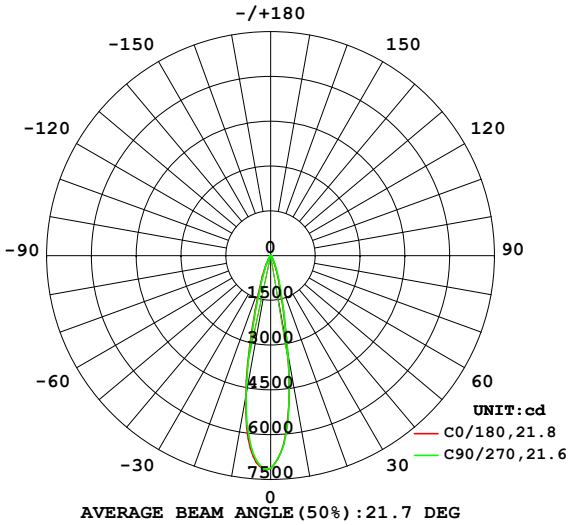
Photometric Filename: HCP-10X2501-2700K RA90 18D WHITE

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:240.3V I:0.0780A P:18.2W PF:0.9707 Freq:49.99Hz UTHDi:0.46% ITHDi:11.02% KDisp:0.9803 Lamp Flux:1347.27x1 lm		
NAME: HCP-10X2501-2700K RA90 18D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 55mm	Shielding Angle:

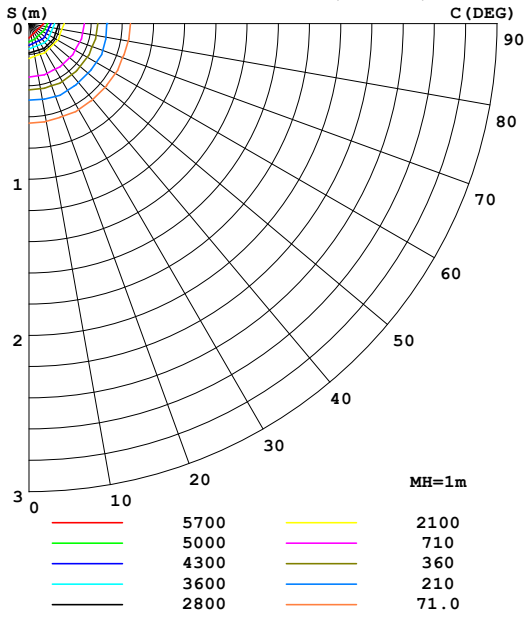
DATA OF LAMP		PHOTOMETRIC DATA Eff: 74.02 lm/W			
MODEL		Imax(cd)	7194	S/MH(C0/180)	0.40
NOMINAL POWER(W)	19	LOR(%)	100.0	S/MH(C90/270)	0.39
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	1347.3	η UP,DN(C0-180)	0.0,44.3
NOMINAL FLUX(lm)	1347.27	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,55.7
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	240.21	η down(%)	100.0	CIBSE SHR MAX	0.30

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):21.7 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	3322	3105	3349	4042	4807	5124	4757	3939	0- 10	531.1	531.1	39.4,39.4
20	666.2	714.5	740.2	796.2	986.7	1061	860.7	688.8	10- 20	522.8	1054	78.2,78.2
30	161.2	172.5	177.4	186.9	234.7	246.6	213.3	167.0	20- 30	195.1	1249	92.7,92.7
40	27.77	27.28	29.89	36.70	47.89	50.82	42.74	32.42	30- 40	60.29	1309	97.2,97.2
50	11.97	11.54	11.58	12.94	15.26	16.02	14.61	12.53	40- 50	16.46	1326	98.4,98.4
60	8.303	8.037	8.091	8.743	9.618	9.889	9.451	8.770	50- 60	9.379	1335	99.1,99.1
70	4.635	4.415	4.621	5.257	6.072	6.435	6.055	5.237	60- 70	7.109	1342	99.6,99.6
80	1.710	1.554	1.714	2.129	2.664	2.872	2.638	2.078	70- 80	3.878	1346	99.9,99.9
90	0.0584	0.0427	0.0618	0.0348	0.0782	0.1905	0.0688	0.0319	80- 90	1.058	1347	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): 1319.2 lm

%lum = 97.9%
%lamp = 97.9%

Conical surface Flux(120deg): 1335.2 lm

%lum = 99.1%
%lamp = 99.1%

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:

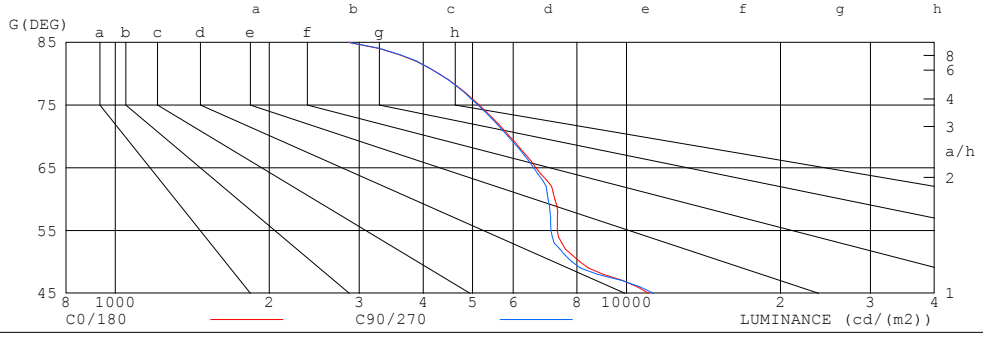
Photometric Filename: HCP-10X2501-2700K RA90 18D WHITE

LUMINANCE LIMITATION CURVES

Test:U:240.3V I:0.0780A P:18.2W PF:0.9707 Freq:49.99Hz **UTHDi:0.46% ITHDi:11.02% KDisp:0.9803 Lamp Flux:1347.27x1 lm**		
NAME: HCP-10X2501-2700K RA90 18D 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	2846	2865
80	4293	4287
75	5149	5122
70	5906	5867
65	6652	6584
60	7237	7027
55	7324	7112
50	8116	7819
45	11048	11296

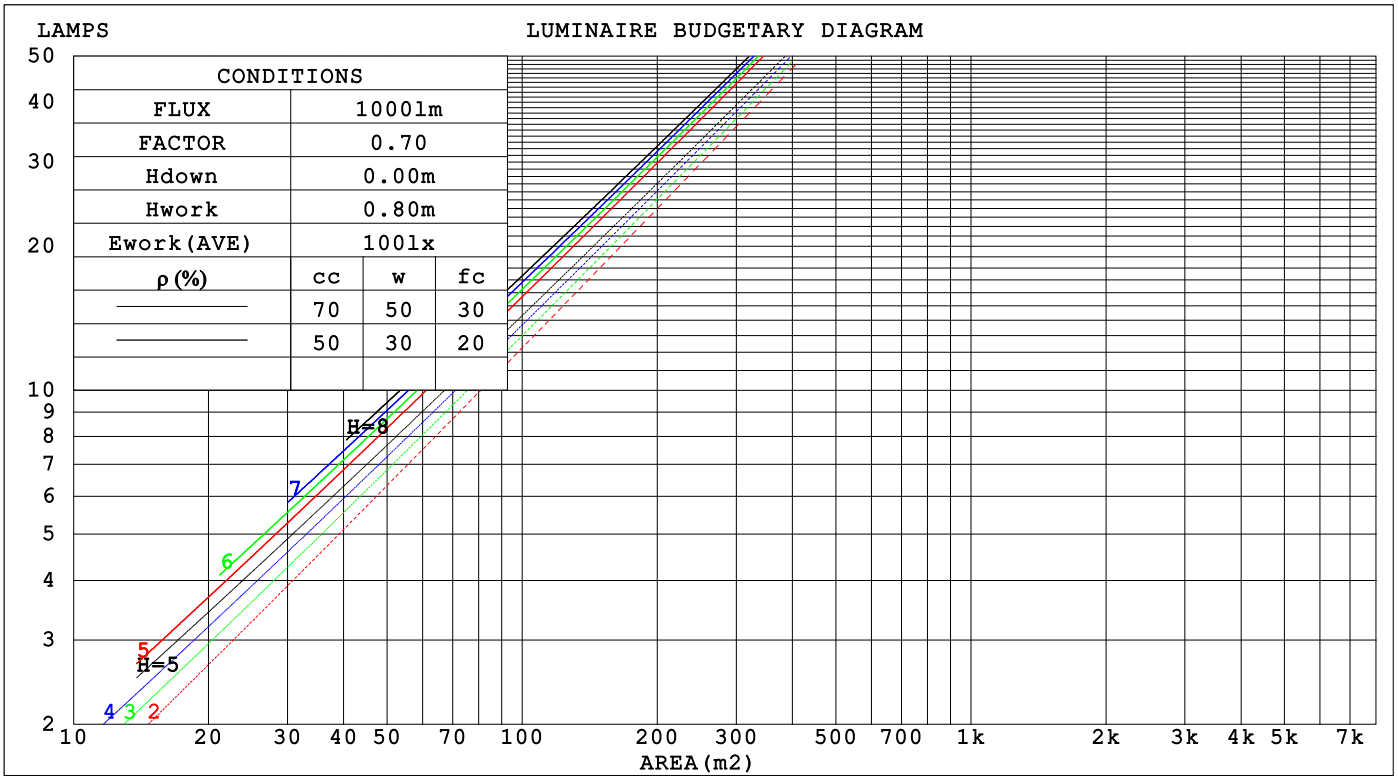
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-20

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:0.0780A P:18.2W PF:0.9707 Freq:49.99Hz UTHDi:0.46% ITHDi:11.02% KDisp:0.9803 Lamp Flux:1347.27x1 lm		
NAME: HCP-10X2501-2700K RA90 18D 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	1.13	1.11	1.09	1.11	1.09	1.07	1.07	1.05	1.04	1.03	1.02	1.01	.00	.99	.98	.96
2.0	1.07	1.04	1.02	1.06	1.03	1.01	1.03	1.00	.99	.00	.98	.96	.97	.96	.94	.93
3.0	1.03	.99	.96	1.01	.98	.95	.99	.96	.94	.97	.94	.93	.95	.93	.91	.90
4.0	.99	.95	.92	.98	.94	.91	.96	.93	.90	.94	.91	.89	.92	.90	.88	.87
5.0	.95	.91	.88	.94	.90	.88	.93	.89	.87	.91	.88	.86	.90	.87	.85	.84
6.0	.92	.88	.85	.91	.87	.84	.90	.87	.84	.89	.86	.83	.88	.85	.83	.82
7.0	.89	.85	.82	.88	.85	.82	.87	.84	.81	.86	.83	.81	.85	.83	.81	.80
8.0	.86	.82	.79	.86	.82	.79	.85	.82	.79	.84	.81	.79	.83	.81	.78	.77
9.0	.84	.80	.77	.84	.80	.77	.83	.79	.77	.82	.79	.77	.81	.79	.76	.75
10.0	.82	.78	.75	.81	.78	.75	.81	.77	.75	.80	.77	.75	.79	.77	.75	.74



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 18D WHITE

WEC AND CCEC

Test:U:240.3V I:0.0780A P:18.2W PF:0.9707 Freq:49.99Hz UTHDi:0.46% ITHDi:11.02% KDisp:0.9803 Lamp Flux:1347.27x1 lm		
NAME: HCP-10X2501-2700K RA90 18D 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	.139	.079	.025	.133	.076	.024	.120	.069	.022	.109	.063	.020	.099	.057	.018	
2.0	.129	.071	.022	.124	.068	.021	.113	.063	.020	.104	.058	.018	.095	.054	.017	
3.0	.120	.064	.019	.115	.062	.019	.107	.058	.018	.099	.054	.017	.092	.051	.016	
4.0	.112	.058	.017	.108	.057	.017	.101	.054	.016	.094	.051	.015	.088	.048	.015	
5.0	.105	.054	.016	.102	.052	.015	.096	.050	.015	.090	.048	.014	.085	.045	.014	
6.0	.099	.050	.014	.097	.049	.014	.091	.047	.014	.086	.045	.013	.082	.043	.013	
7.0	.094	.047	.013	.092	.046	.013	.087	.044	.013	.083	.042	.012	.079	.041	.012	
8.0	.089	.044	.012	.087	.043	.012	.083	.042	.012	.080	.040	.012	.076	.039	.011	
9.0	.085	.041	.012	.083	.041	.011	.080	.040	.011	.077	.038	.011	.073	.037	.011	
10.0	.082	.039	.011	.080	.039	.011	.077	.038	.011	.074	.037	.010	.071	.036	.010	

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	.169	.158	.148	.144	.135	.127	.099	.093	.088	.057	.054	.051	.018	.017	.017	
2.0	.151	.133	.118	.129	.114	.102	.088	.079	.071	.051	.046	.042	.016	.015	.014	
3.0	.136	.113	.096	.116	.098	.083	.080	.068	.058	.046	.040	.034	.015	.013	.011	
4.0	.123	.098	.079	.106	.085	.068	.073	.059	.048	.042	.035	.028	.014	.011	.009	
5.0	.113	.086	.066	.097	.074	.057	.067	.052	.040	.039	.030	.024	.012	.010	.008	
6.0	.104	.076	.056	.089	.065	.048	.061	.046	.034	.036	.027	.020	.011	.009	.007	
7.0	.096	.067	.047	.082	.058	.041	.057	.041	.029	.033	.024	.017	.011	.008	.006	
8.0	.089	.061	.041	.077	.053	.036	.053	.037	.025	.031	.022	.015	.010	.007	.005	
9.0	.084	.055	.036	.072	.048	.031	.050	.034	.022	.029	.020	.013	.009	.007	.004	
10.0	.079	.050	.031	.068	.044	.027	.047	.031	.019	.027	.018	.012	.009	.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:0.0780A P:18.2W PF:0.9707 Freq:49.99Hz UTHDi:0.46% ITHDi:11.02% KDisp:0.9803 Lamp Flux:1347.27x1 lm		
NAME: HCP-10X2501-2700K RA90 18D 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	11.9	12.5	12.1	12.7	12.8	12.1	12.7	12.3	12.9	13.0
3H	12.4	13.1	12.7	13.2	13.4	12.6	13.2	12.8	13.4	13.6
4H	12.7	13.2	12.9	13.5	13.7	12.8	13.4	13.1	13.6	13.8
6H	12.8	13.4	13.1	13.6	13.8	12.9	13.5	13.2	13.7	14.0
8H	12.8	13.4	13.1	13.6	13.9	13.0	13.5	13.3	13.7	14.0
12H	12.8	13.3	13.1	13.6	13.9	13.0	13.5	13.3	13.7	14.0
4H 2H	12.0	12.6	12.3	12.8	13.0	12.2	12.8	12.5	13.0	13.2
3H	12.7	13.3	13.0	13.5	13.8	12.9	13.4	13.2	13.6	13.9
4H	13.0	13.5	13.4	13.8	14.1	13.2	13.6	13.5	13.9	14.2
6H	13.3	13.7	13.6	14.0	14.4	13.4	13.8	13.7	14.1	14.5
8H	13.3	13.7	13.7	14.1	14.4	13.4	13.8	13.8	14.2	14.5
12H	13.3	13.7	13.7	14.1	14.4	13.4	13.8	13.8	14.2	14.5
8H 4H	13.1	13.5	13.5	13.8	14.2	13.2	13.6	13.6	13.9	14.3
6H	13.4	13.7	13.8	14.1	14.5	13.5	13.8	13.9	14.2	14.6
8H	13.5	13.8	13.9	14.2	14.6	13.6	13.8	14.0	14.3	14.7
12H	13.5	13.7	14.0	14.2	14.6	13.6	13.8	14.0	14.3	14.7
12H 4H	13.1	13.4	13.5	13.8	14.2	13.2	13.5	13.6	13.9	14.3
6H	13.4	13.6	13.8	14.1	14.5	13.5	13.7	13.9	14.2	14.6
8H	13.5	13.7	13.9	14.1	14.6	13.6	13.8	14.0	14.2	14.7

Variations with the observer position at spacings(CIE Pub.117):		
S = 1.0H	+ 1.2 / - 0.9	+ 1.5 / - 1.0
1.5H	+ 2.4 / - 0.8	+ 2.8 / - 1.0
2.0H	+ 0.9 / - 0.5	+ 0.9 / - 0.5

CIE Pub.117, 1347 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:2023-11-20

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 18D WHITE

UTILIZATION FACTORS TABLE

Test:U:240.3V I:0.0780A P:18.2W PF:0.9707 Freq:49.99Hz UTHDi:0.46% ITHDi:11.02% KDisp:0.9803 Lamp Flux:1347.27x1 lm		
NAME: HCP-10X2501-2700K RA90 18D 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	90	84	80	89	84	80	89	83	80	77
0.80	97	91	88	96	91	88	95	91	88	84
1.00	101	96	92	100	95	92	98	95	91	88
1.25	104	100	96	103	99	96	102	98	95	91
1.50	107	103	99	106	102	99	104	100	98	94
2.00	109	105	102	108	104	102	105	102	100	95
2.50	111	107	104	109	106	104	106	104	102	96
3.00	112	109	107	111	108	105	107	105	103	97
4.00	114	112	110	112	110	108	109	107	105	99
5.00	115	113	112	113	112	110	109	108	107	100
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended					SHRNOM = 1.25	

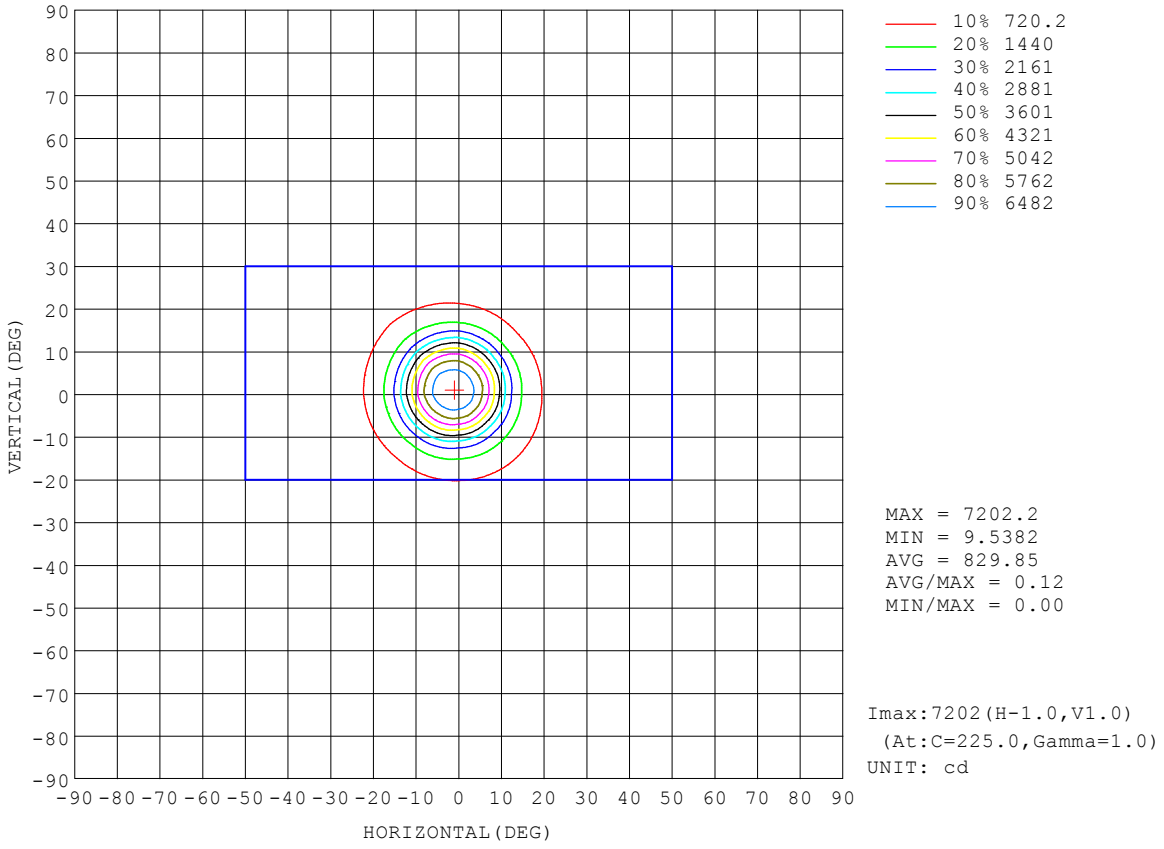
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-20

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 18D WHITE

ISOCANDELA DIAGRAM

Test:U:240.3V I:0.0780A P:18.2W PF:0.9707 Freq:49.99Hz UTHDi:0.46% ITHDi:11.02% KDisp:0.9803 Lamp Flux:1347.27x1 lm		
NAME: HCP-10X2501-2700K RA90 18D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 55mm	Shielding Angle:



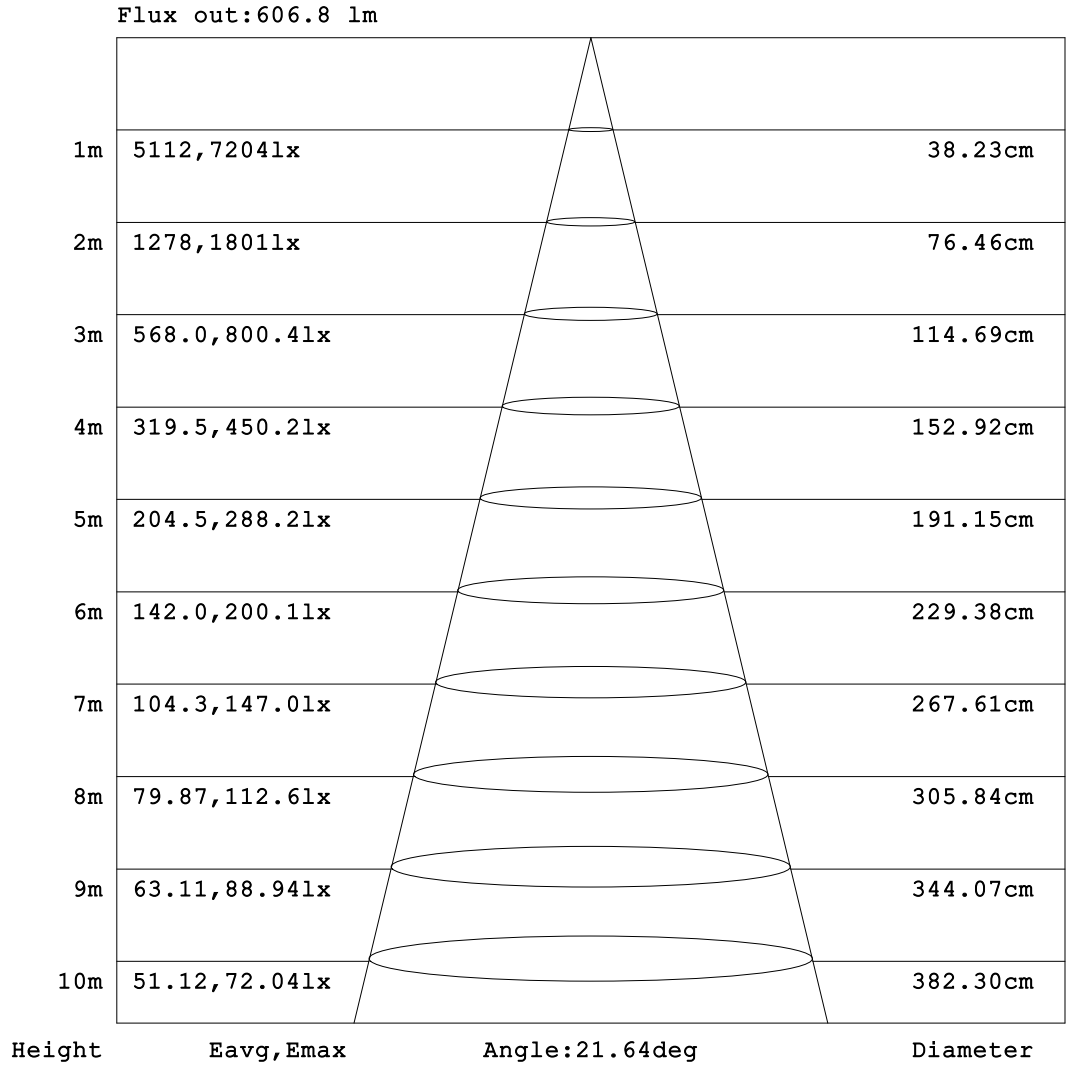
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γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks:

Photometric Filename: HCP-10X2501-2700K RA90 18D WHITE

AAI Figure

Test:U:240.3V I:0.0780A P:18.2W PF:0.9707 Freq:49.99Hz UTHDi:0.46% ITHDi:11.02% KDisp:0.9803 Lamp Flux:1347.27x1 lm		
NAME: HCP-10X2501-2700K RA90 18D 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.

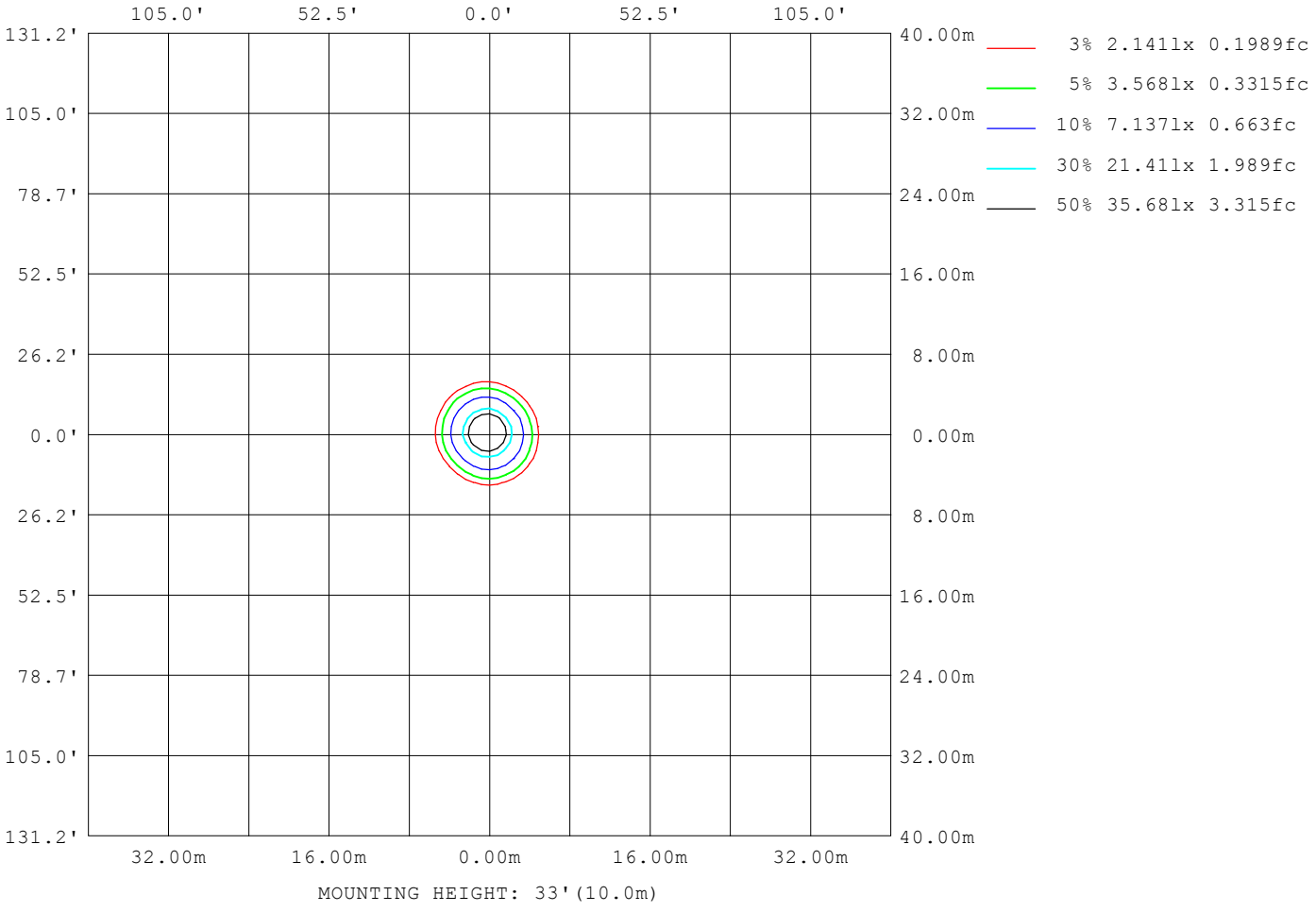
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-20

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 18D WHITE

ISOLUX DIAGRAM

Test:U:240.3V I:0.0780A P:18.2W PF:0.9707 Freq:49.99Hz UTHDi:0.46% ITHDi:11.02% KDisp:0.9803 Lamp Flux:1347.27x1 lm		
NAME: HCP-10X2501-2700K RA90 18D 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:0.0780A P:18.2W PF:0.9707 Freq:49.99Hz UTHDi:0.46% ITHDi:11.02% KDisp:0.9803 Lamp Flux:1347.27x1 lm		
NAME: HCP-10X2501-2700K RA90 18D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 55mm	Shielding Angle:

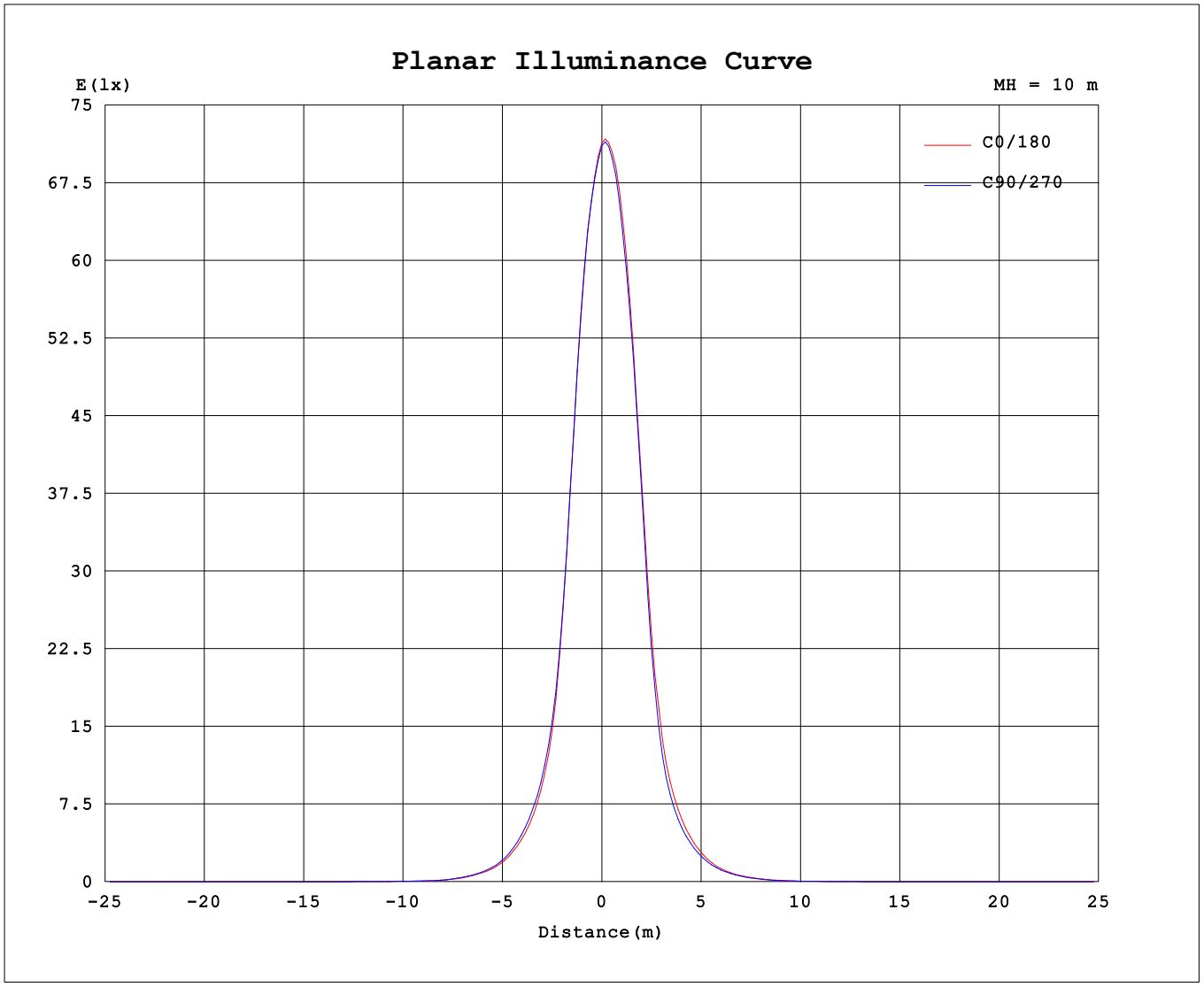
AvgL	cd/m2
L_0~180(65)av	7492
L_0~180(75)av	6134
L_0~180(85)av	4666
L_90~270(65)av	7415
L_90~270(75)av	6117
L_90~270(85)av	4602
L_45(65)av	7437
L_45(75)av	6095
L_45(85)av	4491

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 18D WHITE

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:240.3V I:0.0780A P:18.2W PF:0.9707 Freq:49.99Hz UTHDi:0.46% ITHDi:11.02% KDisp:0.9803 Lamp Flux:1347.27x1 lm		
NAME: HCP-10X2501-2700K RA90 18D 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	7120	7120	7120	7120	7120	7120	7120	7120
5	5946	5847	5999	6365	6755	6856	6666	6283
10	3322	3105	3349	4042	4807	5124	4757	3939
15	1366	1393	1469	1733	2217	2373	2085	1578
20	666	714	740	796	987	1061	861	689
25	336	358	372	395	498	533	435	349
30	161	172	177	187	235	247	213	167
35	74.1	75.0	82.2	89.6	111	114	102	81.1
40	27.8	27.3	29.9	36.7	47.9	50.8	42.7	32.4
45	17.9	18.0	18.4	20.3	23.0	23.5	21.3	18.7
50	12.0	11.5	11.6	12.9	15.3	16.0	14.6	12.5
55	9.64	9.41	9.39	9.94	11.0	11.3	10.9	10.02
60	8.30	8.04	8.09	8.74	9.62	9.89	9.45	8.77
65	6.45	6.20	6.41	7.12	8.11	8.48	8.01	7.11
70	4.64	4.42	4.62	5.26	6.07	6.43	6.05	5.24
75	3.06	2.87	3.05	3.58	4.25	4.53	4.23	3.54
80	1.71	1.55	1.71	2.13	2.66	2.87	2.64	2.08
85	0.57	0.43	0.58	0.89	1.30	1.44	1.27	0.84
90	0.06	0.04	0.06	0.03	0.08	0.19	0.07	0.03

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 18D 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	7120	7120	7120	7120	7120	7120	7120	7120
3.0	6595	6537	6608	6829	7062	7128	7027	6780
6.0	5526	5371	5588	6018	6501	6625	6390	5933
9.0	3908	3688	3919	4632	5334	5589	5263	4519
12.0	2302	2186	2365	2953	3717	4024	3612	2811
15.0	1366	1393	1469	1733	2217	2373	2085	1578
18.0	888.0	927.8	965.1	1070	1328	1425	1171	949.1
21.0	583.4	626.9	650.0	688.1	857.4	930.0	746.1	598.1
24.0	387.4	415.7	430.5	454.9	570.0	610.1	497.3	400.1
27.0	248.7	263.8	275.8	294.2	372.1	398.8	328.6	260.0
30.0	161.2	172.5	177.4	186.9	234.7	246.6	213.3	167.0
33.0	104.0	108.0	113.6	121.1	149.2	155.0	137.1	110.4
36.0	61.26	61.37	67.90	76.25	94.59	98.02	87.07	68.31
39.0	32.75	31.93	35.69	44.34	58.28	61.18	52.37	39.08
42.0	22.18	22.21	23.44	27.23	33.28	34.28	29.69	24.40
45.0	17.93	17.95	18.39	20.35	23.02	23.51	21.30	18.72
48.0	13.83	13.17	13.53	15.93	18.24	18.83	17.29	14.96
51.0	11.33	10.92	11.00	12.14	13.74	14.40	13.21	11.86
54.0	9.915	9.644	9.680	10.32	11.58	11.88	11.40	10.40
57.0	9.153	8.937	8.906	9.460	10.31	10.58	10.20	9.521
60.0	8.303	8.037	8.091	8.743	9.618	9.889	9.451	8.770
63.0	7.277	6.959	7.162	7.873	8.749	9.079	8.613	7.876
66.0	6.078	5.826	6.041	6.738	7.681	8.081	7.622	6.734
69.0	4.984	4.753	4.963	5.622	6.461	6.840	6.442	5.604
72.0	3.975	3.767	3.962	4.556	5.316	5.648	5.297	4.525
75.0	3.058	2.870	3.053	3.576	4.246	4.530	4.230	3.538
78.0	2.226	2.055	2.226	2.680	3.265	3.510	3.249	2.636
81.0	1.468	1.314	1.474	1.862	2.375	2.570	2.346	1.813
84.0	0.7856	0.6434	0.7917	1.125	1.562	1.712	1.524	1.069
87.0	0.1541	0.0401	0.1581	0.4365	0.8015	0.9289	0.7722	0.3929
90.0	0.0584	0.0427	0.0618	0.0348	0.0782	0.1905	0.0688	0.0319

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