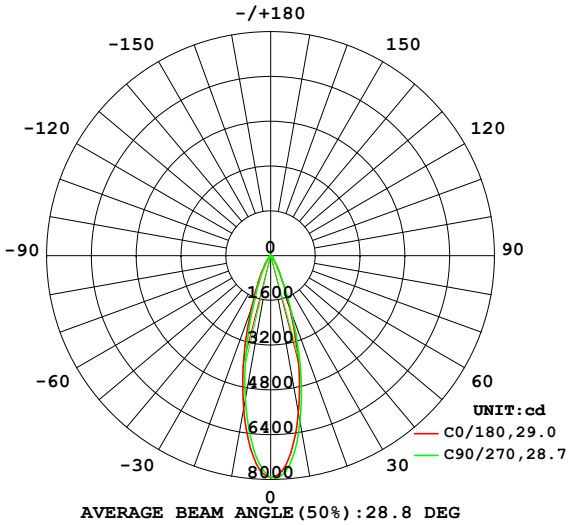
Photometric Filename: HCP-10X2701-5700K RA90 24D WHITE

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:240.3V I:0.1168A P:27.8W PF:0.9910 Freq:49.99Hz UTHDi:0.25% ITHDi:5.77% KDisp:0.9948 Lamp Flux:2466.49x1 lm		
NAME: HCP-10X2701-5700K RA90 24D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

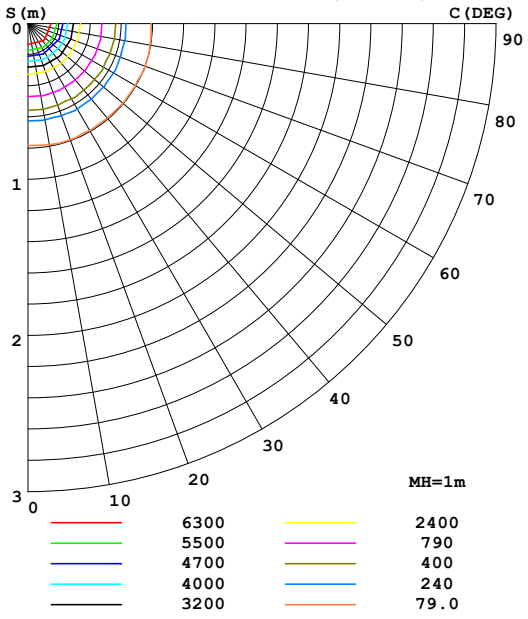
DATA OF LAMP		PHOTOMETRIC DATA Eff: 88.72 lm/W			
MODEL		Imax(cd)	7947	S/MH(C0/180)	0.48
NOMINAL POWER(W)	29	LOR(%)	100.0	S/MH(C90/270)	0.45
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	2466.5	η UP,DN(C0-180)	0.0,52.6
NOMINAL FLUX(lm)	2466.49	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,47.4
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	240.27	η down(%)	100.0	CIBSE SHR MAX	0.50

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):28.8 DEG

PLANAR ISOLUX DIAGRAM(UNIT:lx)



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-14

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	5721	6010	6046	5873	5580	5305	5230	5422	0- 10	639.7	639.7	25.9,25.9
20	2045	2240	2215	2188	2039	1859	1734	1870	10- 20	1013	1653	67,67
30	491.2	532.5	503.6	566.3	547.6	520.4	449.6	480.8	20- 30	487.0	2140	86.8,86.8
40	120.0	131.9	130.5	138.0	129.9	118.0	108.9	115.1	30- 40	167.6	2307	93.6,93.6
50	64.98	67.34	66.77	66.00	62.97	59.53	58.30	61.72	40- 50	67.29	2375	96.3,96.3
60	36.37	37.41	37.36	37.25	35.97	34.59	34.32	34.76	50- 60	42.76	2417	98,98
70	22.16	23.10	23.01	22.47	21.57	20.46	20.41	20.96	60- 70	28.66	2446	99.2,99.2
80	9.640	10.30	10.16	9.501	8.685	7.922	8.043	8.637	70- 80	16.06	2462	99.8,99.8
90	0.1246	0.0948	0.1287	0.0961	0.1099	0.1112	0.1234	0.1060	80- 90	4.279	2466	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): 2344.9 lm

%lum = 95.1%
%lamp = 95.1%

Conical surface Flux(130deg): 2433.3 lm

%lum = 98.7%
%lamp = 98.7%

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-14

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:

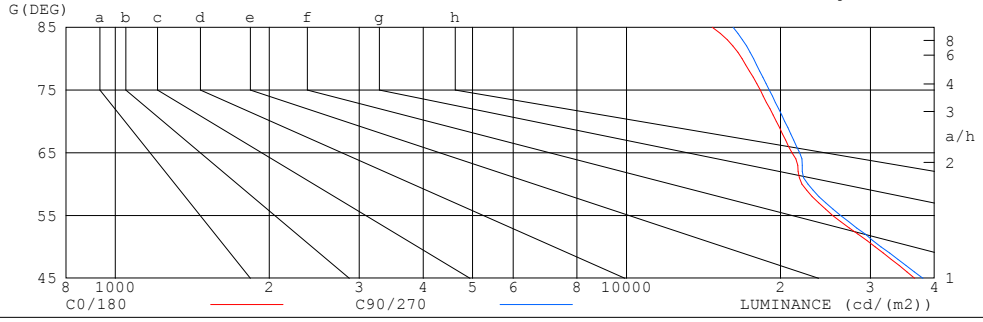
Photometric Filename: HCP-10X2701-5700K RA90 24D WHITE

LUMINANCE LIMITATION CURVES

Test:U:240.3V I:0.1168A P:27.8W PF:0.9910 Freq:49.99Hz **UTHDi:0.25% ITHDi:5.77% KDisp:0.9948 Lamp Flux:2466.49x1 lm**		
NAME: HCP-10X2701-5700K RA90 24D 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	14713	16161
80	16825	17728
75	18269	19024
70	19637	20388
65	21087	21822
60	22045	22646
55	25320	26219
50	30642	31477
45	36580	38001

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-14

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 24D WHITE

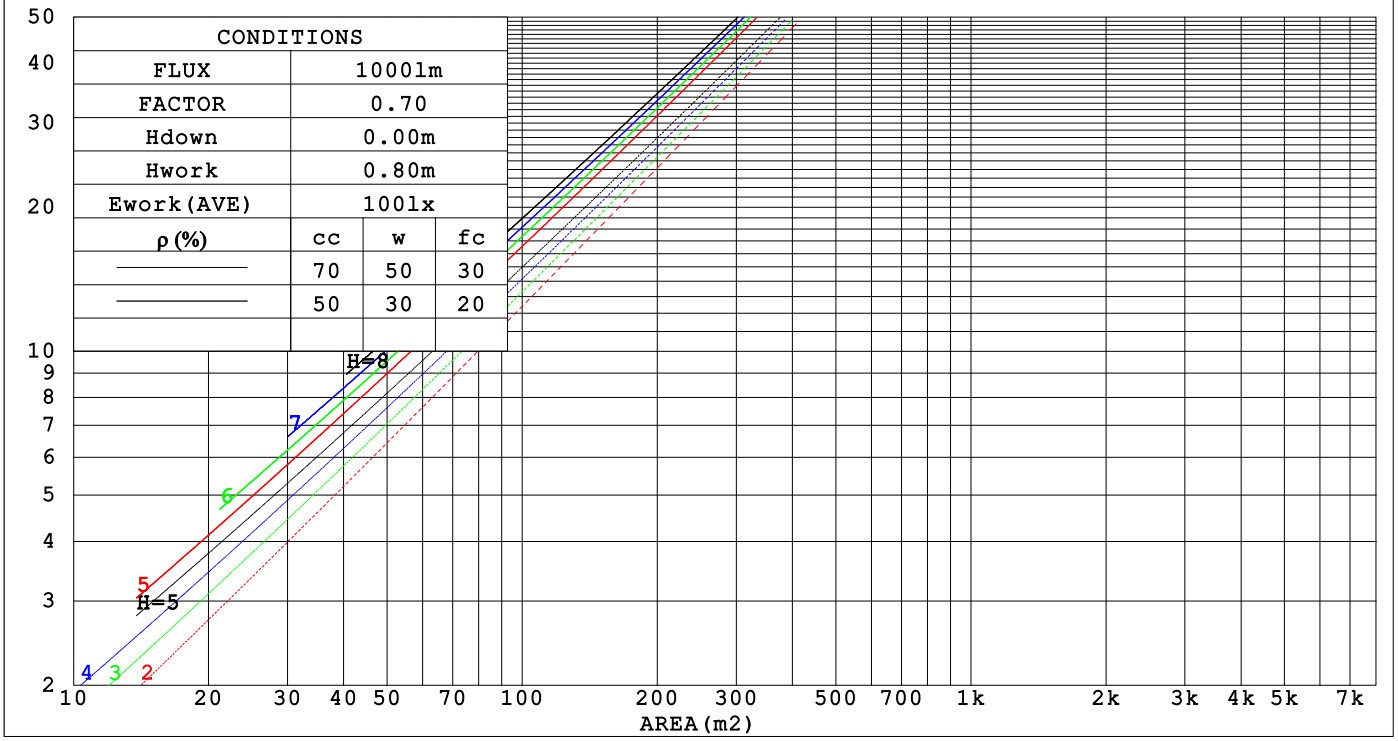
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:240.3V I:0.1168A P:27.8W PF:0.9910 Freq:49.99Hz UTHDi:0.25% ITHDi:5.77% KDisp:0.9948 Lamp Flux:2466.49x1 lm		
NAME: HCP-10X2701-5700K RA90 24D 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	1.12	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	.98	.95	.94	.95	.93	.92	.90
3.0	.00	.96	.92	.98	.95	.91	.96	.93	.90	.94	.91	.89	.91	.89	.87	.86
4.0	.95	.90	.87	.94	.90	.86	.92	.88	.85	.90	.87	.84	.88	.85	.83	.82
5.0	.91	.86	.82	.90	.85	.82	.88	.84	.81	.86	.83	.80	.85	.82	.80	.78
6.0	.87	.82	.78	.86	.81	.78	.85	.81	.78	.83	.80	.77	.82	.79	.77	.75
7.0	.83	.78	.75	.83	.78	.75	.81	.77	.74	.80	.77	.74	.79	.76	.74	.72
8.0	.80	.75	.72	.79	.75	.72	.78	.74	.71	.78	.74	.71	.77	.73	.71	.70
9.0	.77	.72	.69	.77	.72	.69	.76	.72	.69	.75	.71	.69	.74	.71	.68	.67
10.0	.74	.70	.67	.74	.70	.67	.73	.69	.66	.73	.69	.66	.72	.68	.66	.65

LAMPS

LUMINAIRE BUDGETARY DIAGRAM



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-14

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 24D WHITE

WEC AND CCEC

Test:U:240.3V I:0.1168A P:27.8W PF:0.9910 Freq:49.99Hz UTHDi:0.25% ITHDi:5.77% KDisp:0.9948 Lamp Flux:2466.49x1 lm		
NAME: HCP-10X2701-5700K RA90 24D 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	.159	.090	.029	.152	.087	.028	.140	.080	.026	.128	.074	.024	.118	.068	.022	
2.0	.149	.081	.025	.143	.079	.024	.133	.074	.023	.123	.069	.022	.114	.065	.020	
3.0	.139	.074	.022	.134	.072	.022	.126	.068	.021	.117	.064	.020	.110	.061	.019	
4.0	.130	.068	.020	.127	.066	.020	.119	.063	.019	.112	.060	.018	.106	.057	.017	
5.0	.123	.063	.018	.120	.061	.018	.113	.059	.017	.107	.057	.017	.102	.054	.016	
6.0	.116	.058	.017	.113	.057	.016	.108	.055	.016	.103	.053	.016	.098	.051	.015	
7.0	.110	.055	.015	.108	.054	.015	.103	.052	.015	.098	.050	.015	.094	.049	.014	
8.0	.105	.051	.014	.103	.051	.014	.099	.049	.014	.094	.048	.014	.091	.047	.014	
9.0	.100	.049	.014	.098	.048	.013	.094	.047	.013	.091	.046	.013	.087	.044	.013	
10.0	.096	.046	.013	.094	.045	.013	.091	.044	.013	.088	.043	.012	.084	.042	.012	

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	.070	.052	.046	.041	.017	.015	.013	
3.0	.139	.113	.093	.119	.098	.080	.082	.068	.056	.047	.040	.033	.015	.013	.011	
4.0	.128	.098	.076	.109	.085	.066	.075	.059	.046	.044	.035	.028	.014	.011	.009	
5.0	.118	.086	.063	.101	.075	.055	.070	.052	.039	.040	.031	.023	.013	.010	.008	
6.0	.109	.077	.053	.094	.066	.046	.065	.046	.033	.038	.027	.019	.012	.009	.006	
7.0	.102	.069	.045	.088	.060	.039	.061	.042	.028	.035	.025	.017	.011	.008	.006	
8.0	.096	.062	.039	.082	.054	.034	.057	.038	.024	.033	.022	.014	.011	.007	.005	
9.0	.090	.057	.034	.078	.049	.030	.054	.035	.021	.031	.020	.013	.010	.007	.004	
10.0	.085	.052	.030	.074	.045	.026	.051	.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:2023-11-14

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 24D WHITE

UGR(Unified Glare Rating) Table

Test:U:240.3V I:0.1168A P:27.8W PF:0.9910 Freq:49.99Hz UTHDi:0.25% ITHDi:5.77% KDisp:0.9948 Lamp Flux:2466.49x1 lm		
NAME: HCP-10X2701-5700K RA90 24D 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	18.3	19.1	18.6	19.3	19.4	18.5	19.3	18.7	19.4	19.6
3H	19.1	19.8	19.3	20.0	20.2	19.3	20.0	19.5	20.2	20.4
4H	19.4	20.1	19.7	20.3	20.6	19.6	20.3	19.9	20.5	20.7
6H	19.7	20.4	20.0	20.6	20.8	19.9	20.5	20.2	20.8	21.0
8H	19.8	20.4	20.1	20.7	20.9	20.0	20.6	20.3	20.9	21.1
12H	19.9	20.5	20.2	20.7	21.0	20.1	20.7	20.4	20.9	21.2
4H 2H	18.6	19.3	18.9	19.5	19.7	18.7	19.4	19.0	19.6	19.8
3H	19.6	20.2	19.9	20.4	20.7	19.7	20.3	20.0	20.6	20.8
4H	20.0	20.6	20.4	20.9	21.2	20.2	20.7	20.5	21.0	21.3
6H	20.4	20.9	20.8	21.3	21.6	20.6	21.1	21.0	21.4	21.8
8H	20.6	21.0	21.0	21.4	21.7	20.7	21.2	21.1	21.5	21.9
12H	20.7	21.1	21.1	21.4	21.8	20.8	21.3	21.3	21.6	22.0
8H 4H	20.2	20.7	20.6	21.0	21.4	20.3	20.8	20.7	21.1	21.5
6H	20.7	21.1	21.2	21.5	21.9	20.9	21.2	21.3	21.6	22.1
8H	20.9	21.3	21.4	21.7	22.1	21.1	21.4	21.5	21.8	22.3
12H	21.1	21.4	21.6	21.8	22.3	21.3	21.5	21.7	22.0	22.5
12H 4H	20.2	20.6	20.6	21.0	21.4	20.3	20.7	20.7	21.1	21.5
6H	20.8	21.1	21.2	21.5	21.9	20.9	21.2	21.3	21.6	22.1
8H	21.0	21.3	21.5	21.7	22.2	21.2	21.4	21.6	21.9	22.3
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.5 / - 0.6					+ 0.6 / - 0.6				
1.5H	+ 0.9 / - 0.4					+ 1.1 / - 0.4				
2.0H	+ 0.7 / - 0.6					+ 0.7 / - 0.6				

CIE Pub.117, 2466 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:2023-11-14

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 24D WHITE

UTILIZATION FACTORS TABLE

Test:U:240.3V I:0.1168A P:27.8W PF:0.9910 Freq:49.99Hz UTHDi:0.25% ITHDi:5.77% KDisp:0.9948 Lamp Flux:2466.49x1 lm		
NAME: HCP-10X2701-5700K RA90 24D 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	88	81	78	87	81	77	86	81	77	74
0.80	95	89	85	94	89	85	93	88	85	81
1.00	99	94	90	98	93	90	97	93	89	85
1.25	103	98	94	102	97	94	100	96	93	89
1.50	106	101	98	105	100	97	102	99	96	92
2.00	108	104	101	107	103	100	104	101	99	93
2.50	110	106	103	108	105	102	105	103	100	94
3.00	112	108	105	110	107	104	106	104	102	96
4.00	114	111	109	112	109	107	108	106	105	98
5.00	115	113	111	113	111	109	109	107	106	99
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended					SHRNOM = 1.25	

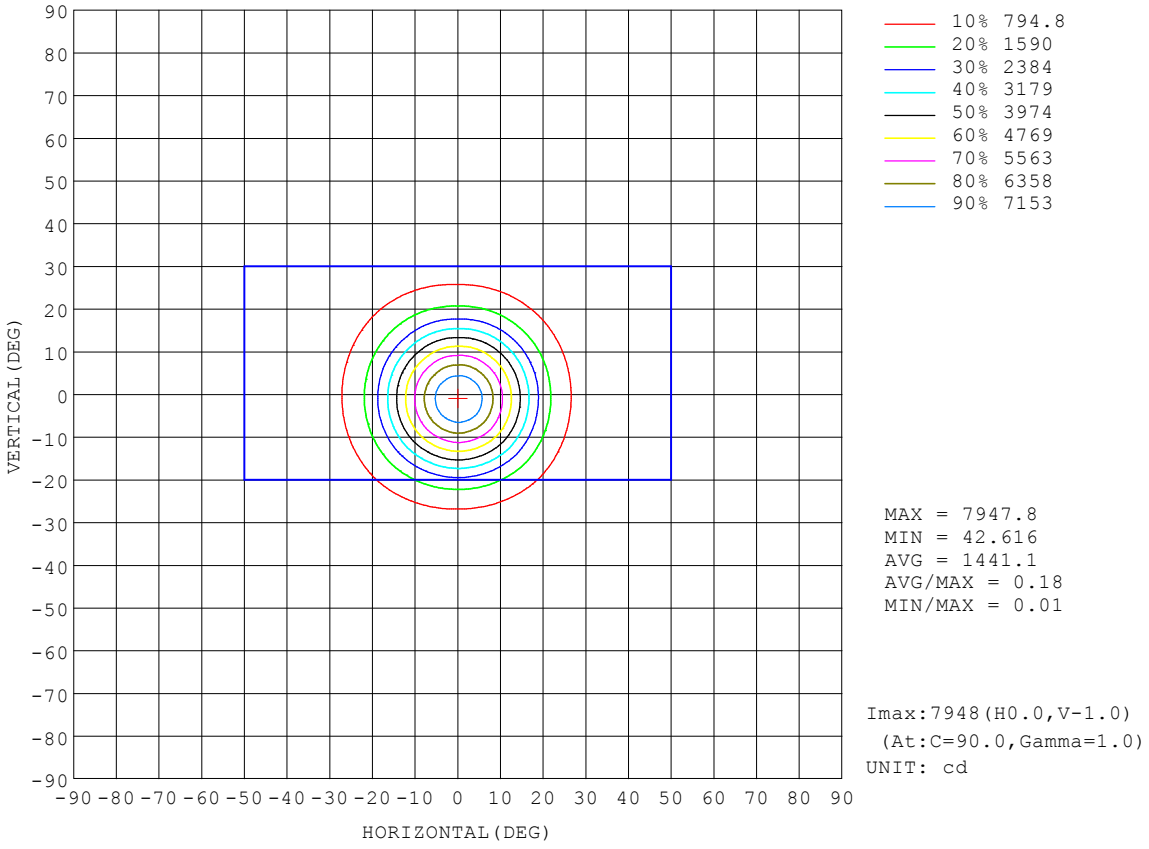
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-14

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 24D WHITE

ISOCANDELA DIAGRAM

Test:U:240.3V I:0.1168A P:27.8W PF:0.9910 Freq:49.99Hz UTHDi:0.25% ITHDi:5.77% KDisp:0.9948 Lamp Flux:2466.49x1 lm		
NAME: HCP-10X2701-5700K RA90 24D 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
Operators:DAMIN
Test Date:2023-11-14

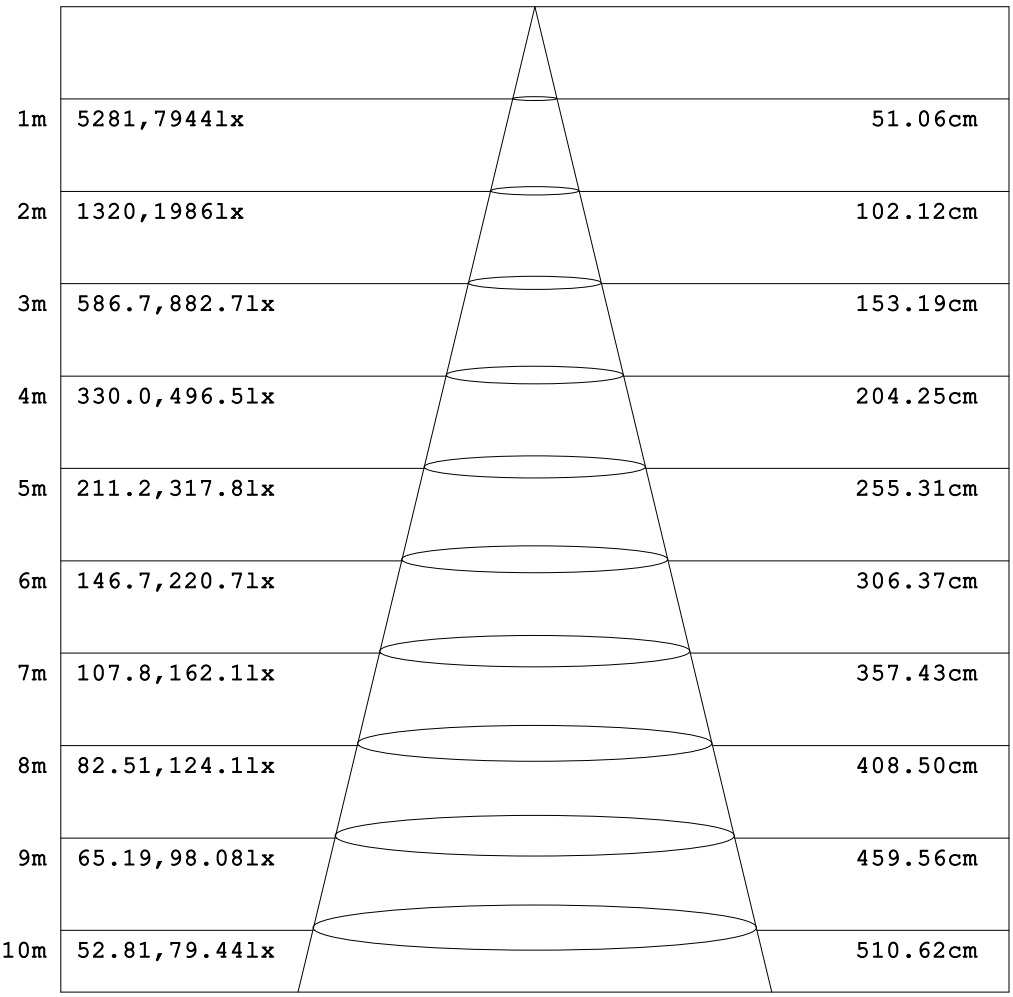
γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks:

Photometric Filename: HCP-10X2701-5700K RA90 24D WHITE

AAI Figure

Test:U:240.3V I:0.1168A P:27.8W PF:0.9910 Freq:49.99Hz UTHDi:0.25% ITHDi:5.77% KDisp:0.9948 Lamp Flux:2466.49x1 lm		
NAME: HCP-10X2701-5700K RA90 24D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

Flux out:1191 lm



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

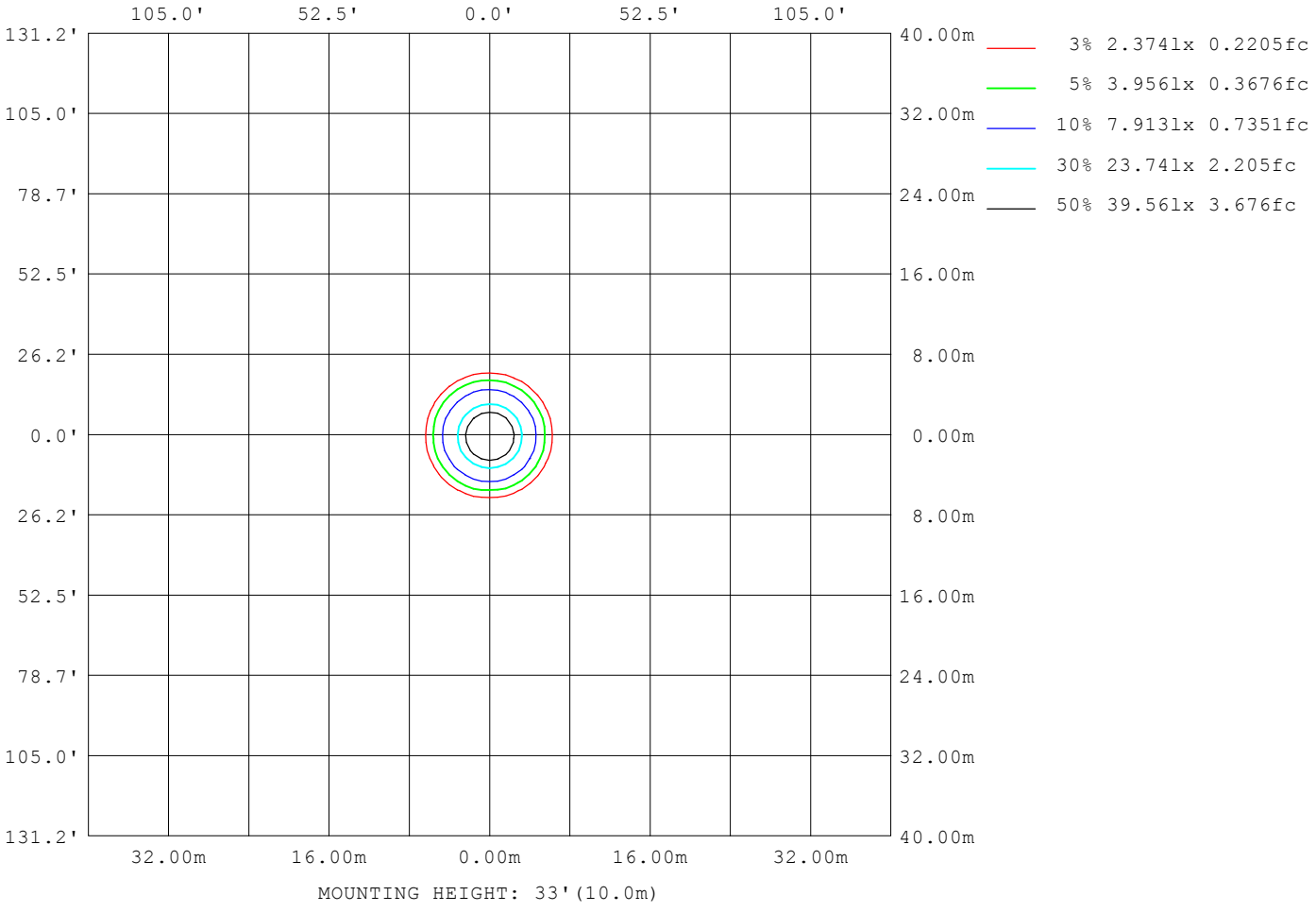
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-14

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 24D WHITE

ISOLUX DIAGRAM

Test:U:240.3V I:0.1168A P:27.8W PF:0.9910 Freq:49.99Hz UTHDi:0.25% ITHDi:5.77% KDisp:0.9948 Lamp Flux:2466.49x1 lm		
NAME: HCP-10X2701-5700K RA90 24D 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
Operators:DAMIN
Test Date:2023-11-14

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:0.1168A P:27.8W PF:0.9910 Freq:49.99Hz UTHDi:0.25% ITHDi:5.77% KDisp:0.9948 Lamp Flux:2466.49x1 lm		
NAME: HCP-10X2701-5700K RA90 24D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

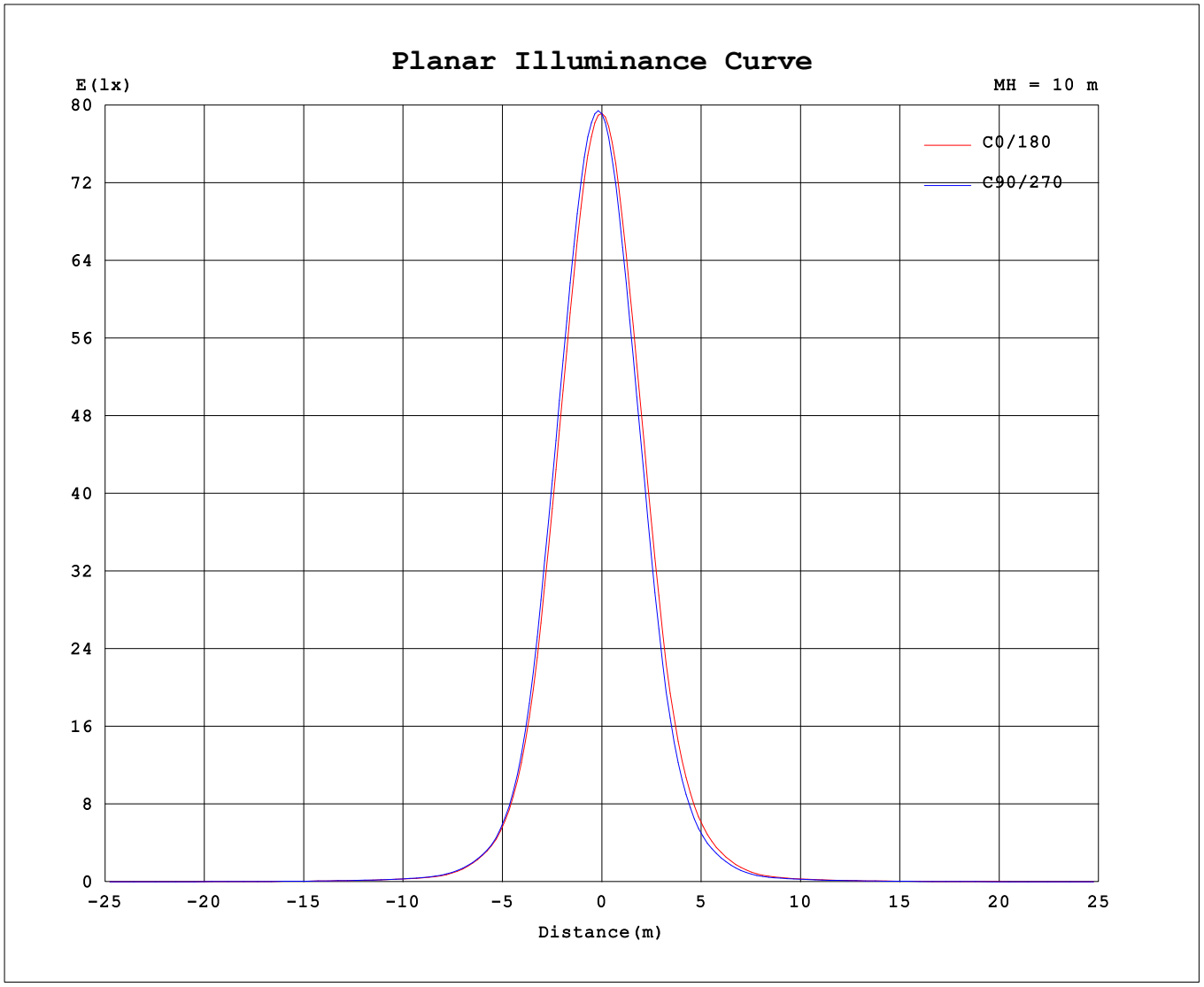
AvgL	cd/m2
L_0~180(65)av	20929
L_0~180(75)av	17787
L_0~180(85)av	13023
L_90~270(65)av	20720
L_90~270(75)av	17671
L_90~270(85)av	12893
L_45(65)av	20809
L_45(75)av	17688
L_45(85)av	12823

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-14

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:2023-11-14

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 24D WHITE

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:240.3V I:0.1168A P:27.8W PF:0.9910 Freq:49.99Hz UTHDi:0.25% ITHDi:5.77% KDisp:0.9948 Lamp Flux:2466.49x1 lm		
NAME: HCP-10X2701-5700K RA90 24D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

Table--1 UNIT: cd

C(DEG) / γ (DEG)	0	45	90	135	180	225	270	315
0	7911	7911	7911	7911	7911	7911	7911	7911
5	7316	7510	7549	7415	7198	6992	6955	7084
10	5721	6010	6046	5873	5580	5305	5230	5422
15	3825	4111	4130	3997	3698	3412	3306	3527
20	2045	2240	2215	2188	2039	1859	1734	1870
25	996	1093	1049	1105	1056	980	873	942
30	491	532	504	566	548	520	450	481
35	243	270	259	284	272	249	217	232
40	120	132	130	138	130	118	109	115
45	85.3	89.1	88.7	90.3	86.8	80.9	78.3	82.4
50	65.0	67.3	66.8	66.0	63.0	59.5	58.3	61.7
55	47.9	49.6	49.6	48.9	46.7	44.3	43.5	45.5
60	36.4	37.4	37.4	37.3	36.0	34.6	34.3	34.8
65	29.4	30.5	30.4	30.0	29.0	27.6	27.4	28.0
70	22.2	23.1	23.0	22.5	21.6	20.5	20.4	21.0
75	15.6	16.4	16.2	15.7	14.8	13.9	13.9	14.5
80	9.64	10.3	10.2	9.50	8.68	7.92	8.04	8.64
85	4.23	4.77	4.65	4.01	3.26	2.64	2.77	3.33
90	0.12	0.09	0.13	0.10	0.11	0.11	0.12	0.11

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-10X2701-5700K RA90 24D 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	7911	7911	7911	7911	7911	7911	7911	7911
3.0	7706	7822	7851	7785	7649	7510	7479	7569
6.0	7053	7272	7319	7157	6919	6696	6642	6786
9.0	6084	6355	6401	6226	5933	5675	5600	5785
12.0	4969	5275	5300	5141	4835	4557	4466	4668
15.0	3825	4111	4130	3997	3698	3412	3306	3527
18.0	2686	2940	2931	2851	2605	2388	2263	2446
21.0	1780	1967	1916	1928	1780	1641	1513	1629
24.0	1154	1265	1219	1271	1205	1118	1005	1076
27.0	738.8	808.8	774.5	835.4	809.1	760.1	660.9	705.6
30.0	491.2	532.5	503.6	566.3	547.6	520.4	449.6	480.8
33.0	328.0	359.1	340.7	378.2	366.3	341.5	294.6	316.8
36.0	208.0	235.2	224.2	243.8	235.2	208.9	182.4	197.0
39.0	134.1	149.1	146.5	156.6	146.8	132.3	120.1	127.9
42.0	101.2	108.6	108.1	112.6	107.4	98.84	93.50	98.08
45.0	85.34	89.05	88.67	90.32	86.82	80.95	78.28	82.37
48.0	72.78	75.20	74.97	74.82	71.60	67.06	65.63	69.42
51.0	61.27	63.58	62.98	62.08	59.14	56.01	54.84	58.21
54.0	50.88	52.85	52.74	51.82	49.45	46.90	46.07	48.34
57.0	42.68	44.00	44.05	43.59	41.78	39.72	39.12	40.48
60.0	36.37	37.41	37.36	37.25	35.97	34.59	34.32	34.76
63.0	32.40	33.08	33.04	32.97	32.30	30.73	30.38	31.07
66.0	27.85	28.90	28.86	28.39	27.45	26.17	25.95	26.57
69.0	23.54	24.51	24.45	23.92	23.00	21.84	21.75	22.31
72.0	19.45	20.35	20.23	19.69	18.80	17.76	17.74	18.29
75.0	15.60	16.40	16.25	15.67	14.78	13.87	13.94	14.49
78.0	11.93	12.67	12.49	11.89	11.04	10.24	10.33	10.91
81.0	8.518	9.139	9.011	8.343	7.530	6.802	6.927	7.530
84.0	5.265	5.829	5.695	5.047	4.281	3.625	3.753	4.332
87.0	2.257	2.749	2.652	2.045	1.327	0.7696	0.8924	1.425
90.0	0.1246	0.0948	0.1287	0.0961	0.1099	0.1112	0.1234	0.1060

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