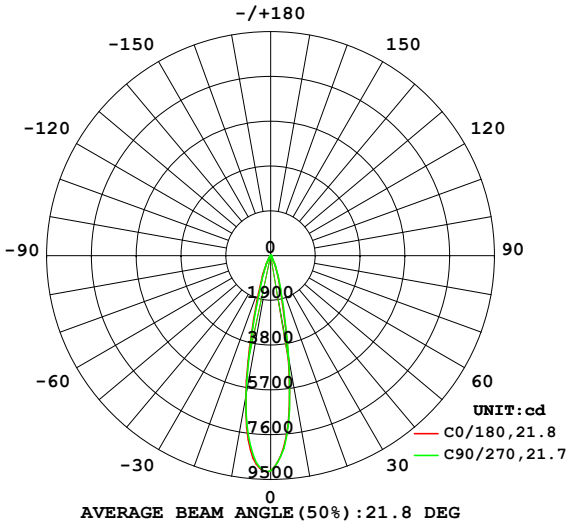
Photometric Filename: HCP-10X2501-2700K RA90 18D WHITE

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:240.2V I:0.1051A P:24.8W PF:0.9820 Freq:49.99Hz UTHDi:0.43% ITHDi:8.04% KDisp:0.9879 Lamp Flux:1735.84x1 lm		
NAME: HCP-10X2501-2700K RA90 18D WHITE	TYPE:	WEIGHT:
SPEC.: 25W	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 55mm	Shielding Angle:

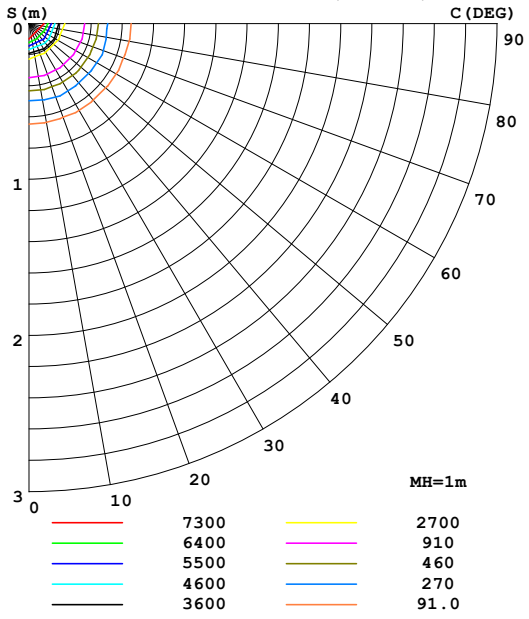
DATA OF LAMP		PHOTOMETRIC DATA			Eff: 70.04 lm/W
MODEL		Imax(cd)	9209	S/MH(C0/180)	0.39
NOMINAL POWER(W)	25	LOR(%)	100.0	S/MH(C90/270)	0.38
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	1735.8	η UP,DN(C0-180)	0.0,44.9
NOMINAL FLUX(lm)	1735.84	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,55.1
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	240.06	η down(%)	100.0	CIBSE SHR MAX	0.30

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):21.8 DEG

PLANAR ISOLUX DIAGRAM(UNIT:lx)



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

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	4366	4129	4396	5188	6090	6448	6036	5104	0- 10	682.4	682.4	39.3,39.3
20	889.7	948.8	973.9	1027	1260	1338	1099	910.1	10- 20	672.7	1355	78.1,78.1
30	214.4	230.7	235.2	242.1	299.7	311.2	270.0	218.6	20- 30	253.0	1608	92.6,92.6
40	37.39	36.92	40.11	47.77	61.25	63.74	54.83	42.66	30- 40	78.56	1687	97.2,97.2
50	15.71	15.21	15.15	16.76	19.71	20.36	18.82	16.29	40- 50	21.42	1708	98.4,98.4
60	10.82	10.54	10.53	11.32	12.46	12.73	12.21	11.34	50- 60	12.16	1720	99.1,99.1
70	6.085	5.837	6.043	6.797	7.814	8.231	7.790	6.803	60- 70	9.222	1729	99.6,99.6
80	2.273	2.092	2.269	2.746	3.406	3.640	3.377	2.711	70- 80	5.027	1734	99.9,99.9
90	0.0742	0.0573	0.0816	0.0444	0.0697	0.1912	0.0651	0.0434	80- 90	1.366	1736	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): 1699.4 lm

%lum = 97.9%
%lamp = 97.9%

Conical surface Flux(120deg): 1720.2 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:

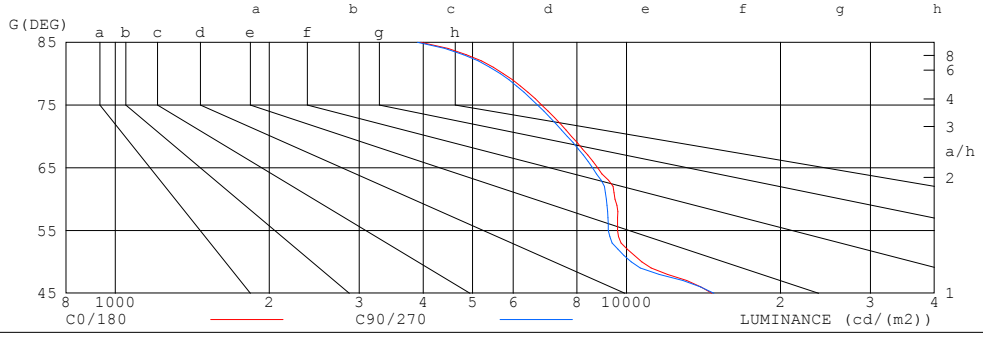
Photometric Filename: HCP-10X2501-2700K RA90 18D WHITE

LUMINANCE LIMITATION CURVES

Test:U:240.2V I:0.1051A P:24.8W PF:0.9820 Freq:49.99Hz **UTHDi:0.43% ITHDi:8.04% KDisp:0.9879 Lamp Flux:1735.84x1 lm**		
NAME: HCP-10X2501-2700K RA90 18D WHITE	**TYPE:**	**WEIGHT:**
SPEC.: 25W	**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	3956	3899
80	5743	5662
75	6825	6701
70	7807	7657
65	8781	8584
60	9498	9127
55	9600	9211
50	10722	10212
45	14696	14830

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

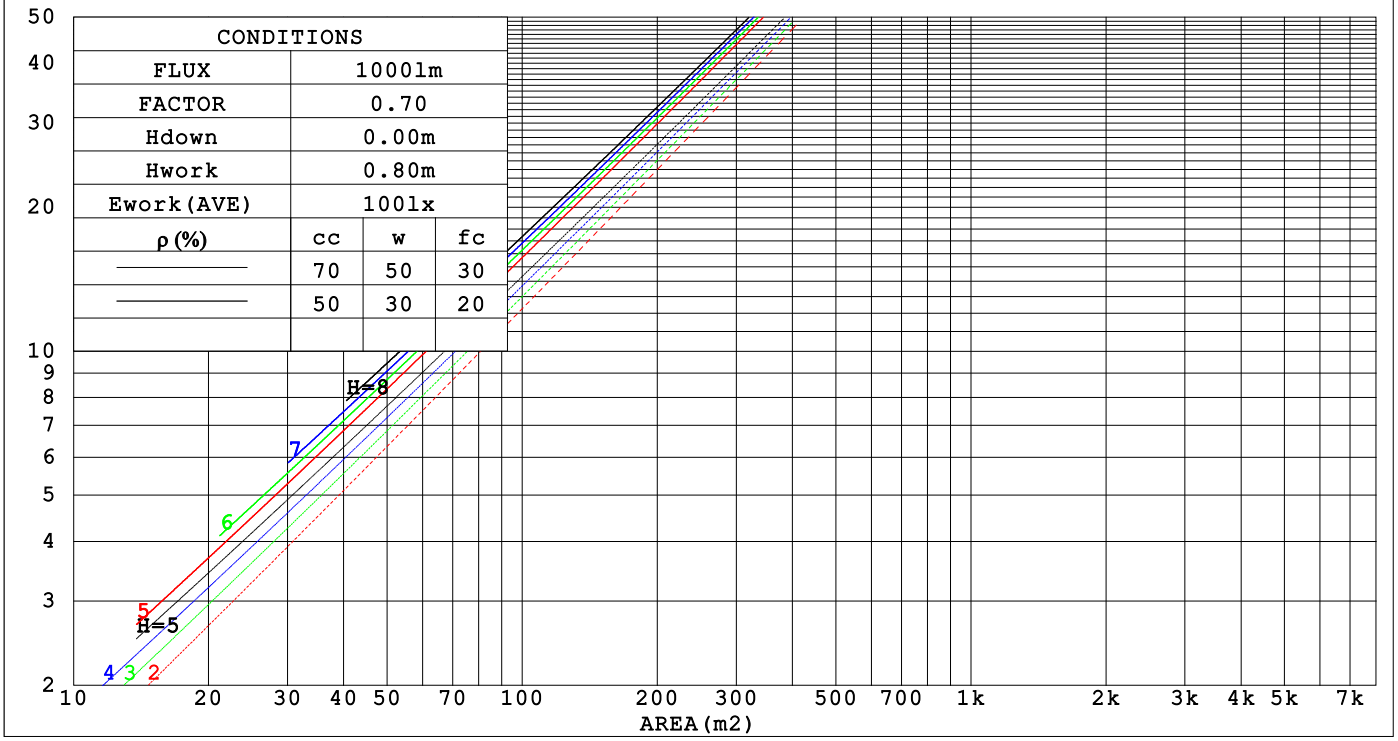
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:240.2V I:0.1051A P:24.8W PF:0.9820 Freq:49.99Hz UTHDi:0.43% ITHDi:8.04% KDisp:0.9879 Lamp Flux:1735.84x1 lm		
NAME: HCP-10X2501-2700K RA90 18D WHITE	TYPE:	WEIGHT:
SPEC.: 25W	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	.98	.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	.86	.84	.89	.86	.83	.87	.85	.83	.82
7.0	.89	.85	.82	.88	.84	.82	.87	.84	.81	.86	.83	.81	.85	.83	.81	.80
8.0	.86	.82	.79	.86	.82	.79	.85	.81	.79	.84	.81	.79	.83	.80	.78	.77
9.0	.84	.80	.77	.84	.80	.77	.83	.79	.77	.82	.79	.77	.81	.78	.76	.75
10.0	.82	.78	.75	.81	.78	.75	.81	.77	.75	.80	.77	.75	.79	.77	.74	.74

LAMPS

LUMINAIRE BUDGETARY DIAGRAM



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:240.2V I:0.1051A P:24.8W PF:0.9820 Freq:49.99Hz UTHDi:0.43% ITHDi:8.04% KDisp:0.9879 Lamp Flux:1735.84x1 lm		
NAME: HCP-10X2501-2700K RA90 18D WHITE	TYPE:	WEIGHT:
SPEC.: 25W	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	.140	.079	.025	.133	.076	.024	.121	.069	.022	.109	.063	.020	.099	.057	.018	
2.0	.129	.071	.022	.124	.068	.021	.114	.063	.020	.104	.058	.018	.095	.054	.017	
3.0	.120	.064	.019	.116	.062	.019	.107	.058	.018	.099	.054	.017	.092	.051	.016	
4.0	.112	.058	.017	.108	.057	.017	.101	.054	.016	.095	.051	.015	.088	.048	.015	
5.0	.105	.054	.016	.102	.052	.015	.096	.050	.015	.090	.048	.014	.085	.045	.014	
6.0	.100	.050	.014	.097	.049	.014	.091	.047	.014	.087	.045	.013	.082	.043	.013	
7.0	.094	.047	.013	.092	.046	.013	.087	.044	.013	.083	.043	.012	.079	.041	.012	
8.0	.090	.044	.012	.088	.043	.012	.084	.042	.012	.080	.040	.012	.076	.039	.011	
9.0	.085	.041	.012	.084	.041	.011	.080	.040	.011	.077	.038	.011	.074	.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	.095	.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	.066	.048	.061	.046	.034	.036	.027	.020	.012	.009	.007	
7.0	.096	.067	.047	.083	.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:

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

UGR(Unified Glare Rating) Table

Test:U:240.2V I:0.1051A P:24.8W PF:0.9820 Freq:49.99Hz UTHDi:0.43% ITHDi:8.04% KDisp:0.9879 Lamp Flux:1735.84x1 lm		
NAME: HCP-10X2501-2700K RA90 18D WHITE	TYPE:	WEIGHT:
SPEC.: 25W	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	13.0	13.7	13.2	13.8	14.0	13.2	13.8	13.4	14.0	14.1
3H	13.6	14.2	13.8	14.4	14.6	13.7	14.3	13.9	14.5	14.7
4H	13.8	14.4	14.0	14.6	14.8	13.9	14.5	14.1	14.7	14.9
6H	13.9	14.5	14.2	14.7	15.0	14.0	14.6	14.3	14.8	15.0
8H	14.0	14.5	14.3	14.7	15.0	14.0	14.6	14.3	14.8	15.1
12H	14.0	14.5	14.3	14.7	15.0	14.0	14.5	14.3	14.8	15.1
4H 2H	13.2	13.8	13.4	14.0	14.2	13.3	13.9	13.6	14.1	14.3
3H	13.9	14.4	14.2	14.6	14.9	13.9	14.5	14.2	14.7	15.0
4H	14.2	14.6	14.5	14.9	15.2	14.2	14.7	14.6	15.0	15.3
6H	14.4	14.8	14.7	15.1	15.5	14.4	14.8	14.8	15.2	15.5
8H	14.4	14.8	14.8	15.2	15.5	14.5	14.9	14.9	15.2	15.6
12H	14.4	14.8	14.8	15.2	15.6	14.5	14.8	14.9	15.2	15.6
8H 4H	14.2	14.6	14.6	14.9	15.3	14.3	14.7	14.7	15.0	15.4
6H	14.5	14.8	14.9	15.2	15.6	14.5	14.9	15.0	15.3	15.7
8H	14.6	14.9	15.0	15.3	15.7	14.6	14.9	15.1	15.3	15.8
12H	14.6	14.9	15.1	15.3	15.8	14.7	14.9	15.1	15.3	15.8
12H 4H	14.2	14.5	14.6	14.9	15.3	14.2	14.6	14.6	15.0	15.3
6H	14.5	14.8	14.9	15.2	15.6	14.5	14.8	15.0	15.2	15.7
8H	14.6	14.8	15.0	15.3	15.7	14.6	14.9	15.1	15.3	15.8

Variations with the observer position at spacings(CIE Pub.117):		
S = 1.0H	+ 1.2 / - 0.9	+ 1.5 / - 1.1
1.5H	+ 2.5 / - 0.9	+ 2.8 / - 1.0
2.0H	+ 0.9 / - 0.5	+ 0.9 / - 0.5

CIE Pub.117, 1736 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 1.9)
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:240.2V I:0.1051A P:24.8W PF:0.9820 Freq:49.99Hz UTHDi:0.43% ITHDi:8.04% KDisp:0.9879 Lamp Flux:1735.84x1 lm		
NAME: HCP-10X2501-2700K RA90 18D WHITE	TYPE:	WEIGHT:
SPEC.: 25W	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	

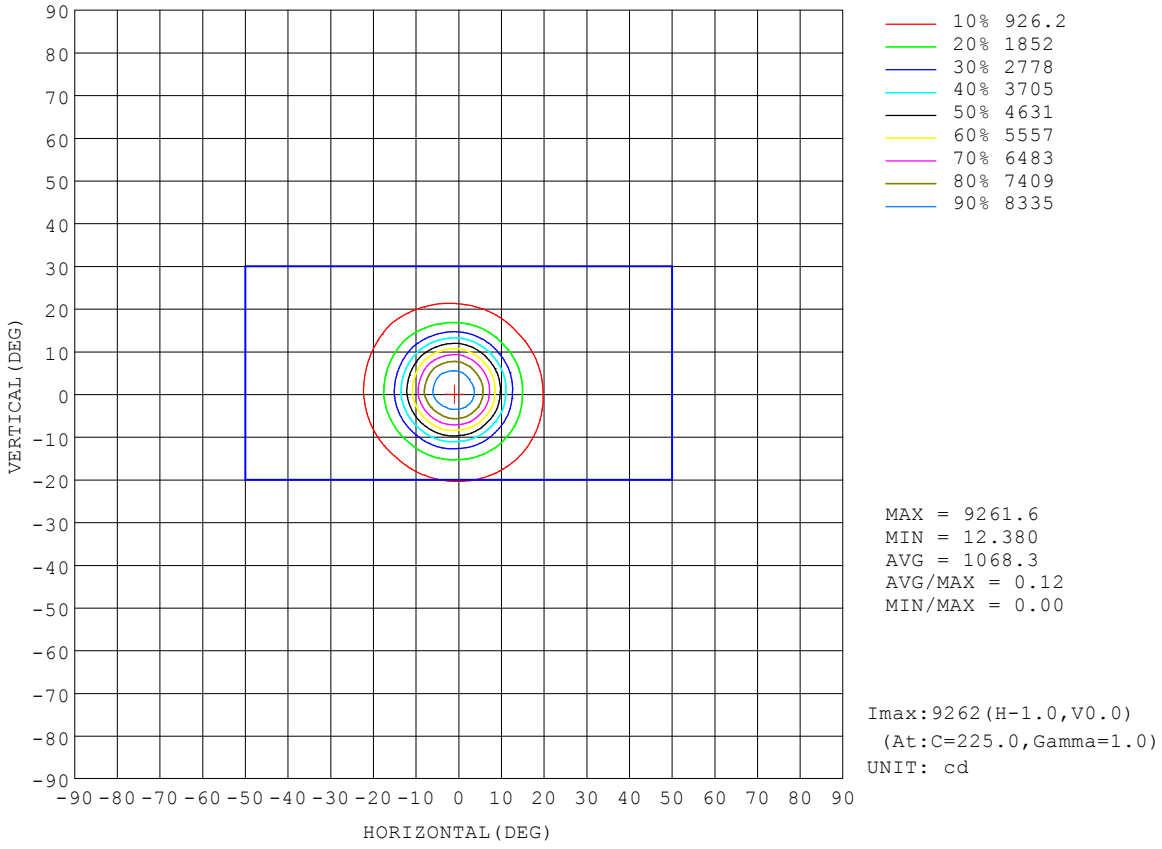
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-20

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:240.2V I:0.1051A P:24.8W PF:0.9820 Freq:49.99Hz **UTHDi:0.43% ITHDi:8.04% KDisp:0.9879 Lamp Flux:1735.84x1 lm**		
NAME: HCP-10X2501-2700K RA90 18D WHITE	**TYPE:**	**WEIGHT:**
SPEC.: 25W	**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

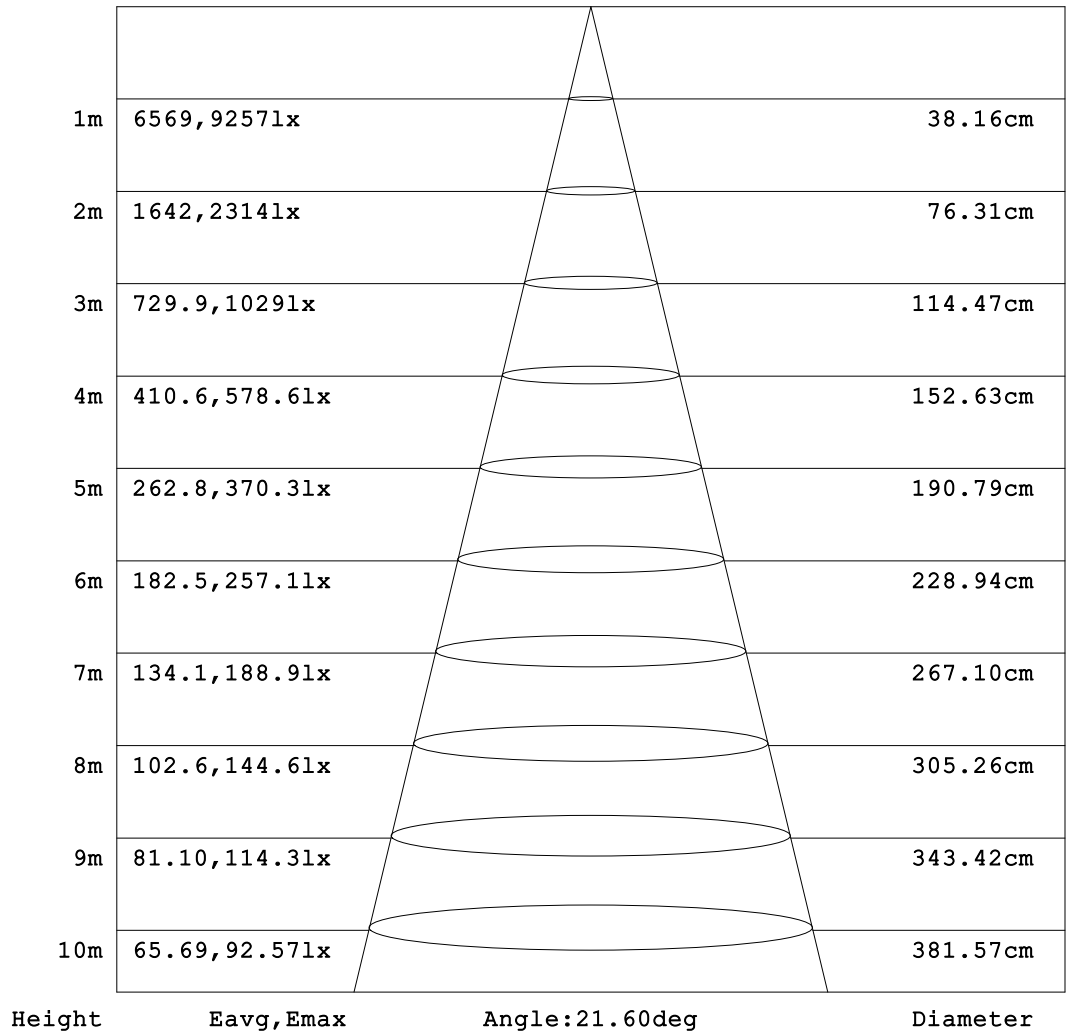
γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks:

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

AAI Figure

Test:U:240.2V I:0.1051A P:24.8W PF:0.9820 Freq:49.99Hz **UTHDi:0.43% ITHDi:8.04% KDisp:0.9879 Lamp Flux:1735.84x1 lm**		
NAME: HCP-10X2501-2700K RA90 18D WHITE	**TYPE:**	**WEIGHT:**
SPEC.: 25W	**DIM.:**	**SERIAL No.:**
MFR.: Havit Commercial	**SUR.: 55mm**	**Shielding Angle:**

Flux out:779.7 lm



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

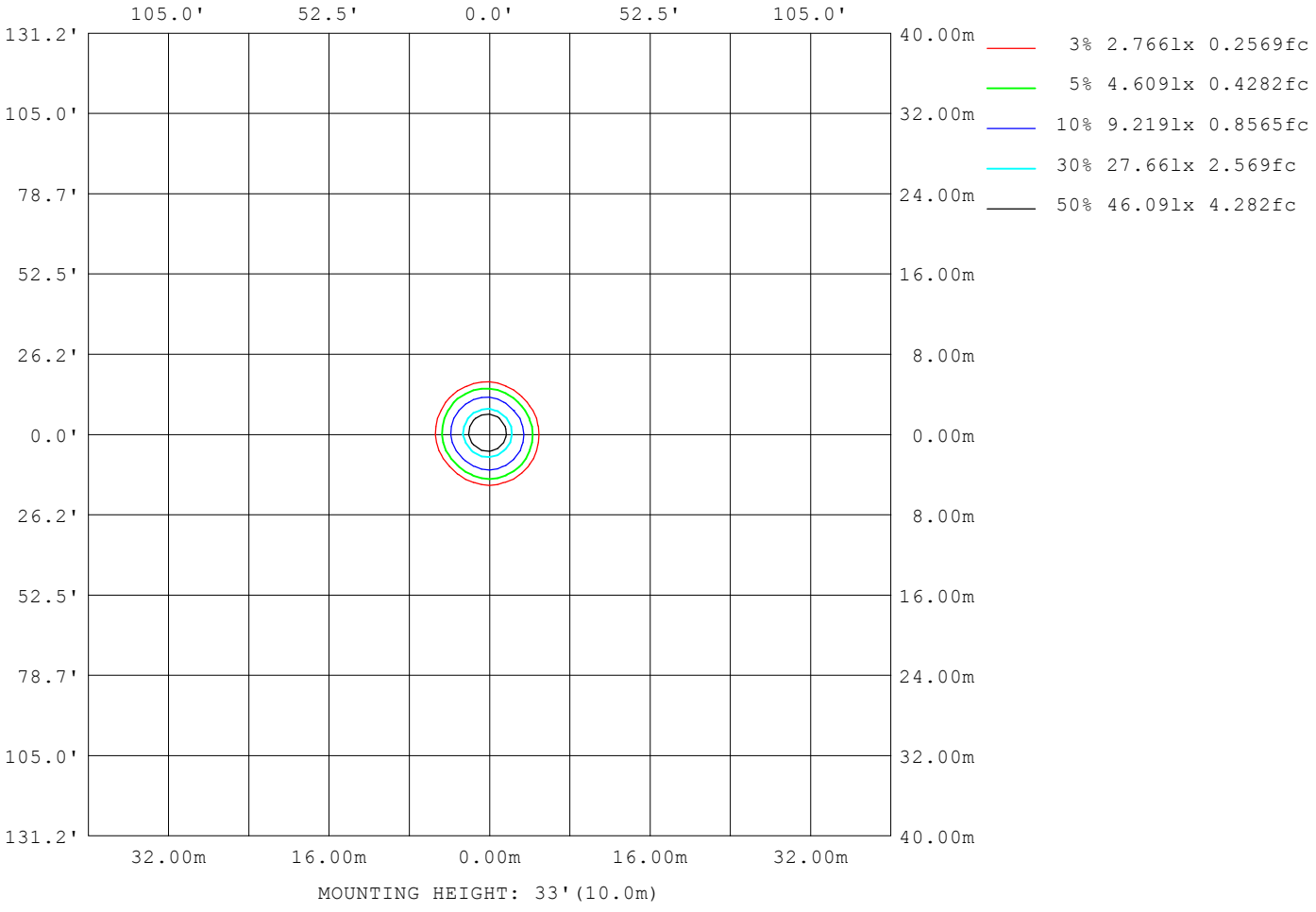
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-20

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:240.2V I:0.1051A P:24.8W PF:0.9820 Freq:49.99Hz **UTHDi:0.43% ITHDi:8.04% KDisp:0.9879 Lamp Flux:1735.84x1 lm**		
NAME: HCP-10X2501-2700K RA90 18D WHITE	**TYPE:**	**WEIGHT:**
SPEC.: 25W	**DIM.:**	**SERIAL No.:**
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Humidity:65.0%
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Remarks:

LED Avg.L Report

Test:U:240.2V I:0.1051A P:24.8W PF:0.9820 Freq:49.99Hz UTHDi:0.43% ITHDi:8.04% KDisp:0.9879 Lamp Flux:1735.84x1 lm		
NAME: HCP-10X2501-2700K RA90 18D WHITE	TYPE:	WEIGHT:
SPEC.: 25W	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 55mm	Shielding Angle:

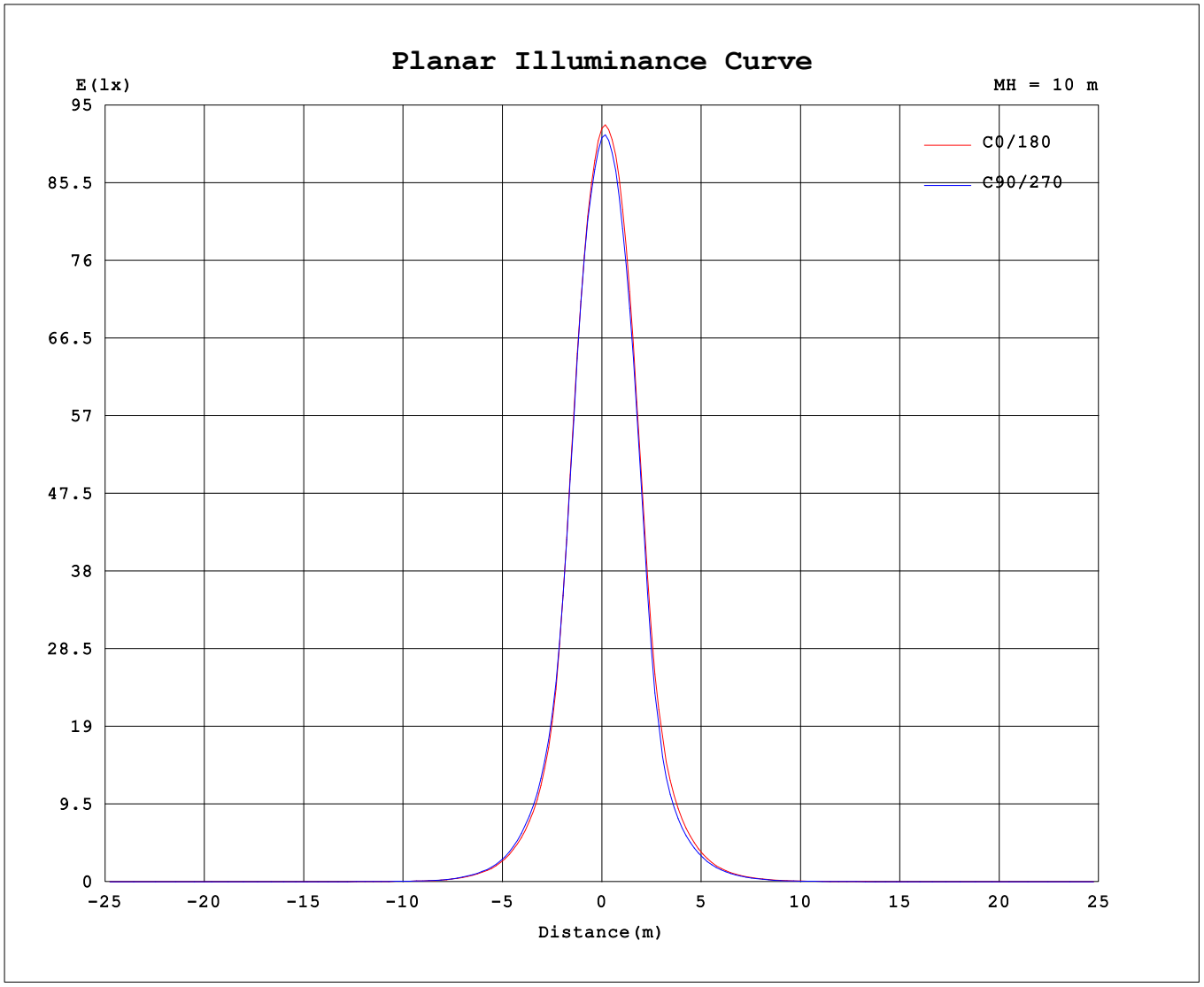
AvgL	cd/m2
L_0~180(65)av	9736
L_0~180(75)av	7955
L_0~180(85)av	6071
L_90~270(65)av	9615
L_90~270(75)av	7917
L_90~270(85)av	5955
L_45(65)av	9642
L_45(75)av	7897
L_45(85)av	5820

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
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Humidity:65.0%
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Remarks:

Planar Illuminance Curve



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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-10X2501-2700K RA90 18D WHITE

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:240.2V I:0.1051A P:24.8W PF:0.9820 Freq:49.99Hz UTHDi:0.43% ITHDi:8.04% KDisp:0.9879 Lamp Flux:1735.84x1 lm		
NAME: HCP-10X2501-2700K RA90 18D WHITE	TYPE:	WEIGHT:
SPEC.: 25W	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	9133	9133	9133	9133	9133	9133	9133	9133
5	7675	7582	7748	8155	8626	8733	8505	8067
10	4366	4129	4396	5188	6090	6448	6036	5104
15	1805	1847	1936	2228	2796	2960	2572	2060
20	890	949	974	1027	1260	1338	1099	910
25	445	479	492	511	637	674	556	455
30	214	231	235	242	300	311	270	219
35	98.8	102	108	116	142	145	130	106
40	37.4	36.9	40.1	47.8	61.3	63.7	54.8	42.7
45	23.7	23.8	24.2	26.4	29.8	30.1	27.5	24.4
50	15.7	15.2	15.1	16.8	19.7	20.4	18.8	16.3
55	12.5	12.3	12.2	12.9	14.2	14.5	14.1	13.0
60	10.8	10.5	10.5	11.3	12.5	12.7	12.2	11.3
65	8.46	8.16	8.37	9.21	10.5	10.9	10.3	9.24
70	6.08	5.84	6.04	6.80	7.81	8.23	7.79	6.80
75	4.02	3.81	4.00	4.62	5.45	5.77	5.42	4.60
80	2.27	2.09	2.27	2.75	3.41	3.64	3.38	2.71
85	0.79	0.62	0.78	1.15	1.65	1.80	1.60	1.10
90	0.07	0.06	0.08	0.04	0.07	0.19	0.07	0.04

C Range: 0 - 360DEG
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γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
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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	9133	9133	9133	9133	9133	9133	9133	9133
3.0	8486	8428	8502	8762	9032	9107	8987	8700
6.0	7155	7004	7239	7711	8287	8427	8148	7631
9.0	5116	4877	5132	5931	6767	7058	6681	5844
12.0	3043	2904	3118	3792	4685	5035	4567	3659
15.0	1805	1847	1936	2228	2796	2960	2572	2060
18.0	1162	1232	1269	1381	1690	1795	1491	1217
21.0	770.5	833.3	861.2	889.9	1095	1163	953.5	778.8
24.0	513.7	555.3	567.6	588.8	729.5	772.1	635.8	521.5
27.0	330.1	352.6	364.7	380.8	475.5	503.5	420.2	340.0
30.0	214.4	230.7	235.2	242.1	299.7	311.2	270.0	218.6
33.0	139.0	145.6	150.9	157.2	191.3	196.6	175.6	144.5
36.0	83.23	83.72	91.55	99.11	121.2	124.2	111.4	90.46
39.0	44.47	43.50	48.29	57.67	74.39	77.24	66.89	51.50
42.0	29.52	29.54	31.06	35.44	42.73	43.38	38.13	31.95
45.0	23.68	23.79	24.20	26.43	29.79	30.13	27.49	24.42
48.0	18.35	17.57	17.88	20.53	23.57	24.11	22.29	19.51
51.0	14.85	14.39	14.36	15.73	17.72	18.28	16.99	15.40
54.0	12.91	12.62	12.58	13.36	14.97	15.23	14.71	13.40
57.0	11.91	11.69	11.56	12.25	13.36	13.63	13.18	12.32
60.0	10.82	10.54	10.53	11.32	12.46	12.73	12.21	11.34
63.0	9.539	9.175	9.351	10.19	11.31	11.65	11.12	10.23
66.0	7.960	7.682	7.890	8.719	9.886	10.34	9.807	8.746
69.0	6.536	6.281	6.495	7.267	8.317	8.750	8.292	7.279
72.0	5.223	4.991	5.187	5.889	6.827	7.212	6.811	5.888
75.0	4.025	3.814	4.003	4.618	5.446	5.772	5.424	4.601
78.0	2.939	2.750	2.927	3.461	4.184	4.456	4.163	3.431
81.0	1.955	1.777	1.951	2.402	3.032	3.244	2.997	2.367
84.0	1.065	0.9004	1.063	1.446	1.986	2.145	1.942	1.401
87.0	0.2424	0.0898	0.2399	0.5607	0.9951	1.137	0.9630	0.5199
90.0	0.0742	0.0573	0.0816	0.0444	0.0697	0.1912	0.0651	0.0434

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