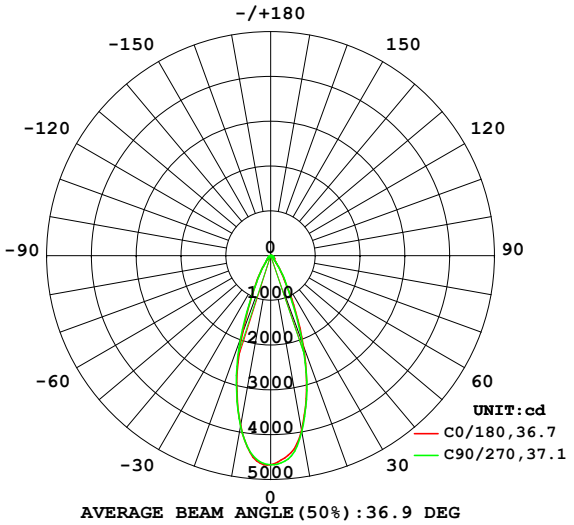
Photometric Filename: HCP-10X2701-3000K RA90 36D WHITE

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:240.3V I:0.1170A P:27.8W PF:0.9910 Freq:49.99Hz UTHDi:0.47% ITHDi:5.25% KDisp:0.9950 Lamp Flux:2165.56x1 lm		
NAME: HCP-10X2701-3000K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

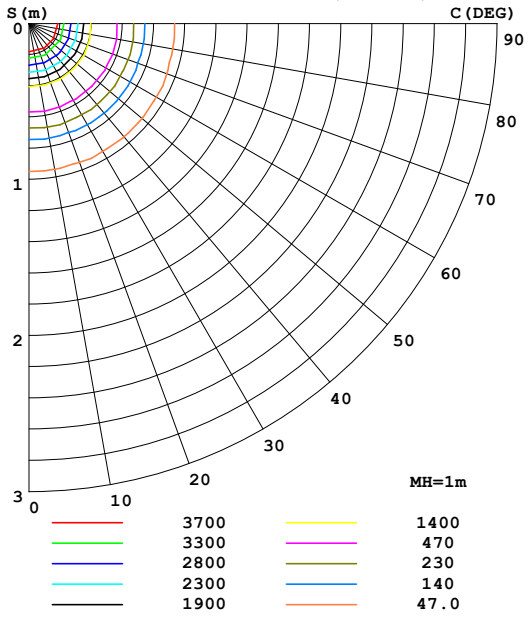
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 77.76 lm/W	
MODEL		Imax(cd)	4679	S/MH(C0/180)	0.57
NOMINAL POWER(W)	29	LOR(%)	100.0	S/MH(C90/270)	0.58
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	2165.6	η UP,DN(C0-180)	0.0,51.6
NOMINAL FLUX(lm)	2165.56	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,48.4
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	240.2	η down(%)	100.0	CIBSE SHR MAX	0.60

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):36.9 DEG

PLANAR ISOLUX DIAGRAM(UNIT:lx)



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-16

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	3977	4031	3995	3922	3861	3854	3868	3908	0- 10	412.0	412.0	19,19
20	2150	2175	2087	1949	1853	1844	1972	2060	10- 20	823.7	1236	57.1,57.1
30	613.6	687.2	645.9	581.7	560.9	540.2	539.2	536.9	20- 30	523.3	1759	81.2,81.2
40	160.9	168.0	154.1	141.6	134.4	135.8	145.5	153.6	30- 40	197.9	1957	90.4,90.4
50	88.43	86.08	80.69	76.54	74.48	76.12	81.89	86.99	40- 50	82.61	2040	94.2,94.2
60	53.61	52.22	49.72	47.92	46.83	47.43	50.35	52.93	50- 60	57.28	2097	96.8,96.8
70	33.75	32.91	30.68	28.73	27.65	28.22	30.75	32.92	60- 70	40.31	2137	98.7,98.7
80	15.01	14.35	12.53	11.00	10.35	10.87	12.70	14.28	70- 80	22.53	2160	99.7,99.7
90	0.2295	0.1031	0.1366	0.1264	0.1431	0.1323	0.1305	0.1148	80- 90	5.906	2166	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): 2002.2 lm

%lum = 92.5%
%lamp = 92.5%

Conical surface Flux(120deg): 2096.8 lm

%lum = 96.8%
%lamp = 96.8%

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-16

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:

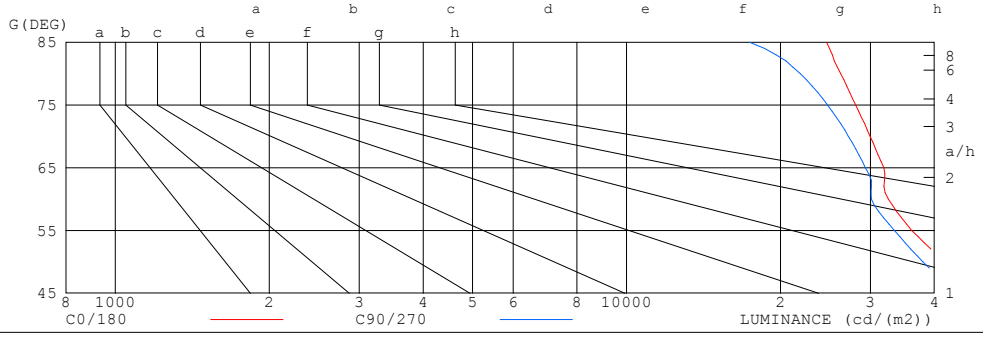
Photometric Filename: HCP-10X2701-3000K RA90 36D WHITE

LUMINANCE LIMITATION CURVES

Test:U:240.3V I:0.1170A P:27.8W PF:0.9910 Freq:49.99Hz **UTHDi:0.47% ITHDi:5.25% KDisp:0.9950 Lamp Flux:2165.56x1 lm**		
NAME: HCP-10X2701-3000K RA90 36D 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	24633	17416
80	26232	21862
75	28083	24720
70	29940	27174
65	31856	29319
60	32528	30118
55	36147	33436
50	41738	38023
45	47470	44859

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-16

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:

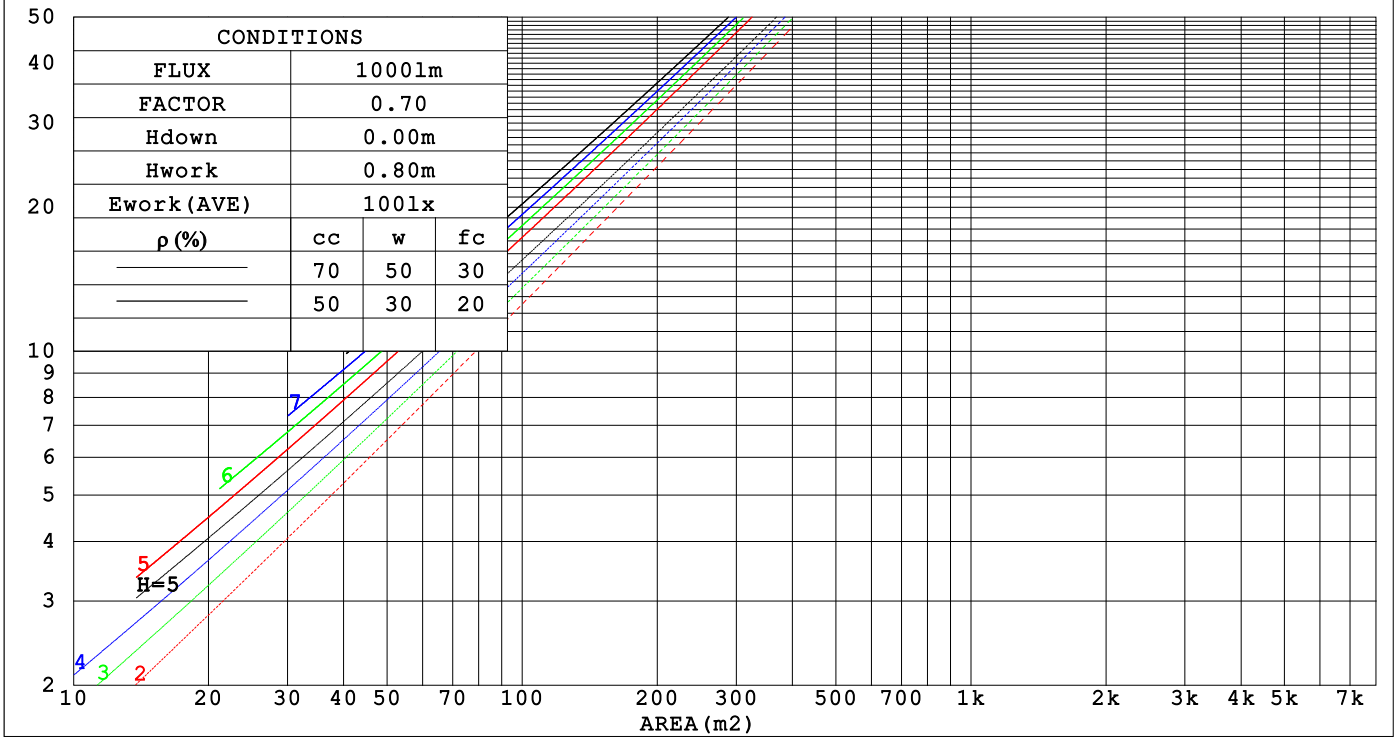
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:240.3V I:0.1170A P:27.8W PF:0.9910 Freq:49.99Hz UTHDi:0.47% ITHDi:5.25% KDisp:0.9950 Lamp Flux:2165.56x1 lm		
NAME: HCP-10X2701-3000K RA90 36D 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	1.11	1.09	1.06	1.09	1.07	1.05	1.05	1.03	1.01	1.01	.00	.98	.98	.97	.96	.94
2.0	1.04	.00	.97	1.02	.99	.96	.99	.96	.93	.96	.94	.91	.93	.91	.90	.88
3.0	.98	.93	.89	.96	.92	.88	.94	.90	.87	.91	.88	.86	.89	.86	.84	.83
4.0	.92	.87	.83	.91	.86	.82	.89	.85	.82	.87	.83	.81	.85	.82	.80	.78
5.0	.87	.82	.78	.86	.81	.78	.84	.80	.77	.83	.79	.76	.81	.78	.76	.74
6.0	.83	.77	.73	.82	.77	.73	.81	.76	.73	.79	.75	.72	.78	.74	.72	.70
7.0	.79	.73	.70	.78	.73	.69	.77	.72	.69	.76	.72	.69	.75	.71	.68	.67
8.0	.75	.70	.66	.75	.70	.66	.74	.69	.66	.73	.69	.66	.72	.68	.65	.64
9.0	.72	.67	.63	.72	.67	.63	.71	.66	.63	.70	.66	.63	.69	.65	.63	.61
10.0	.69	.64	.61	.69	.64	.60	.68	.63	.60	.67	.63	.60	.67	.63	.60	.59

LAMPS

LUMINAIRE BUDGETARY DIAGRAM



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-16

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:

WEC AND CCEC

Test:U:240.3V I:0.1170A P:27.8W PF:0.9910 Freq:49.99Hz UTHDi:0.47% ITHDi:5.25% KDisp:0.9950 Lamp Flux:2165.56x1 lm		
NAME: HCP-10X2701-3000K RA90 36D 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	.174	.099	.031	.168	.096	.030	.155	.089	.028	.143	.083	.027	.133	.077	.025	
2.0	.164	.090	.028	.158	.087	.027	.148	.082	.026	.138	.077	.024	.129	.073	.023	
3.0	.154	.082	.024	.149	.080	.024	.140	.076	.023	.132	.072	.022	.124	.069	.021	
4.0	.144	.075	.022	.140	.073	.022	.133	.070	.021	.126	.067	.020	.119	.065	.020	
5.0	.136	.069	.020	.133	.068	.020	.126	.066	.019	.120	.063	.019	.114	.061	.018	
6.0	.129	.065	.018	.126	.064	.018	.120	.061	.018	.115	.060	.018	.110	.058	.017	
7.0	.122	.060	.017	.120	.060	.017	.114	.058	.017	.110	.056	.016	.105	.055	.016	
8.0	.116	.057	.016	.114	.056	.016	.109	.055	.016	.105	.053	.015	.101	.052	.015	
9.0	.111	.054	.015	.109	.053	.015	.105	.052	.015	.101	.051	.015	.097	.050	.014	
10.0	.106	.051	.014	.104	.050	.014	.101	.049	.014	.097	.048	.014	.094	.047	.014	

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	.171	.157	.145	.146	.135	.125	.100	.093	.086	.058	.054	.050	.018	.017	.016	
2.0	.155	.133	.113	.133	.114	.098	.091	.079	.068	.053	.046	.040	.017	.015	.013	
3.0	.142	.114	.091	.122	.098	.079	.084	.068	.055	.048	.040	.033	.016	.013	.011	
4.0	.131	.099	.074	.112	.085	.064	.077	.059	.045	.045	.035	.027	.014	.011	.009	
5.0	.122	.087	.061	.104	.075	.053	.072	.052	.038	.042	.031	.022	.013	.010	.007	
6.0	.114	.077	.051	.098	.067	.045	.067	.047	.032	.039	.028	.019	.013	.009	.006	
7.0	.107	.070	.044	.092	.060	.038	.063	.042	.027	.037	.025	.016	.012	.008	.005	
8.0	.100	.063	.038	.086	.055	.033	.060	.038	.023	.035	.023	.014	.011	.007	.005	
9.0	.095	.058	.033	.082	.050	.028	.057	.035	.020	.033	.021	.012	.011	.007	.004	
10.0	.090	.053	.029	.078	.046	.025	.054	.033	.018	.031	.019	.011	.010	.006	.004	

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-16

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-10X2701-3000K RA90 36D WHITE

UGR(Unified Glare Rating) Table

Test:U:240.3V I:0.1170A P:27.8W PF:0.9910 Freq:49.99Hz UTHDi:0.47% ITHDi:5.25% KDisp:0.9950 Lamp Flux:2165.56x1 lm		
NAME: HCP-10X2701-3000K RA90 36D 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	20.9	21.7	21.1	21.9	22.0	20.7	21.6	20.9	21.7	21.9
	3H	21.8	22.6	22.0	22.8	23.0	21.5	22.3	21.8	22.5	22.7
	4H	22.2	23.0	22.5	23.2	23.4	21.9	22.7	22.2	22.9	23.1
	6H	22.5	23.3	22.8	23.5	23.7	22.2	22.9	22.5	23.1	23.4
	8H	22.7	23.4	23.0	23.6	23.9	22.3	22.9	22.6	23.2	23.5
	12H	22.7	23.4	23.1	23.7	24.0	22.3	23.0	22.6	23.2	23.5
4H	2H	21.2	21.9	21.4	22.1	22.4	21.0	21.8	21.3	22.0	22.2
	3H	22.3	23.0	22.6	23.2	23.5	22.1	22.7	22.4	23.0	23.3
	4H	22.9	23.5	23.2	23.8	24.1	22.6	23.2	22.9	23.5	23.8
	6H	23.3	23.9	23.7	24.2	24.5	23.0	23.5	23.3	23.8	24.2
	8H	23.5	24.0	23.9	24.3	24.7	23.1	23.6	23.5	23.9	24.3
	12H	23.6	24.1	24.0	24.4	24.8	23.1	23.6	23.6	24.0	24.4
8H	4H	23.0	23.5	23.4	23.9	24.2	22.8	23.3	23.2	23.6	24.0
	6H	23.6	24.0	24.0	24.4	24.8	23.3	23.7	23.7	24.1	24.5
	8H	23.9	24.2	24.3	24.6	25.1	23.5	23.8	23.9	24.3	24.7
	12H	24.1	24.4	24.5	24.8	25.3	23.6	23.9	24.1	24.3	24.8
12H	4H	23.0	23.5	23.4	23.8	24.2	22.8	23.2	23.2	23.6	24.0
	6H	23.6	24.0	24.1	24.4	24.9	23.3	23.7	23.8	24.1	24.5
	8H	23.9	24.2	24.4	24.7	25.1	23.5	23.9	24.0	24.3	24.8

Variations with the observer position at spacings(CIE Pub.117):		
S = 1.0H	+ 0.5 / - 0.5	+ 0.5 / - 0.6
1.5H	+ 0.9 / - 0.3	+ 1.0 / - 0.5
2.0H	+ 0.5 / - 0.4	+ 0.5 / - 0.5

CIE Pub.117, 2166 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 2.7)
Area: 0.0033 m2

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-16

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-10X2701-3000K RA90 36D WHITE

UTILIZATION FACTORS TABLE

Test:U:240.3V I:0.1170A P:27.8W PF:0.9910 Freq:49.99Hz UTHDi:0.47% ITHDi:5.25% KDisp:0.9950 Lamp Flux:2165.56x1 lm		
NAME: HCP-10X2701-3000K RA90 36D 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	86	79	75	85	79	75	84	78	75	71
0.80	93	87	83	92	87	83	91	86	82	79
1.00	98	92	88	97	91	88	95	91	87	83
1.25	102	96	93	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	

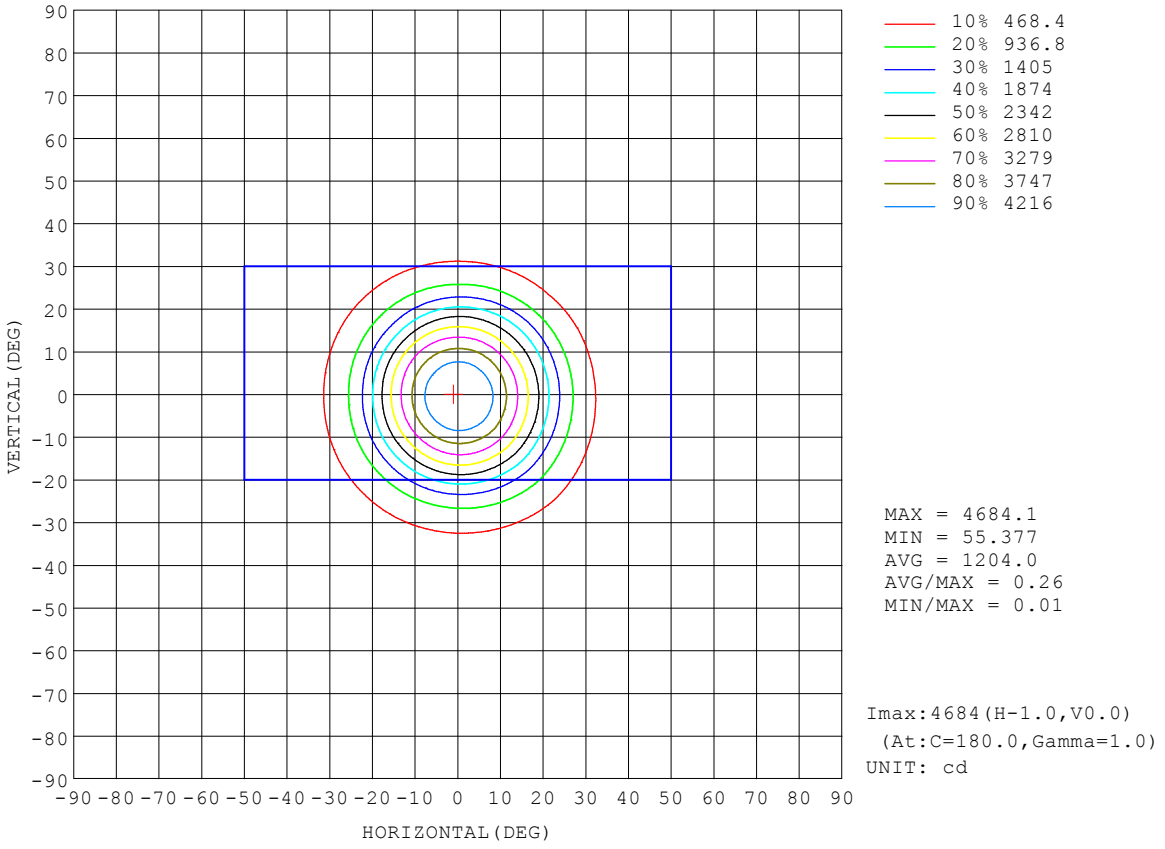
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-16

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-10X2701-3000K RA90 36D WHITE

ISOCANDELA DIAGRAM

Test:U:240.3V I:0.1170A P:27.8W PF:0.9910 Freq:49.99Hz UTHDi:0.47% ITHDi:5.25% KDisp:0.9950 Lamp Flux:2165.56x1 lm		
NAME: HCP-10X2701-3000K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:



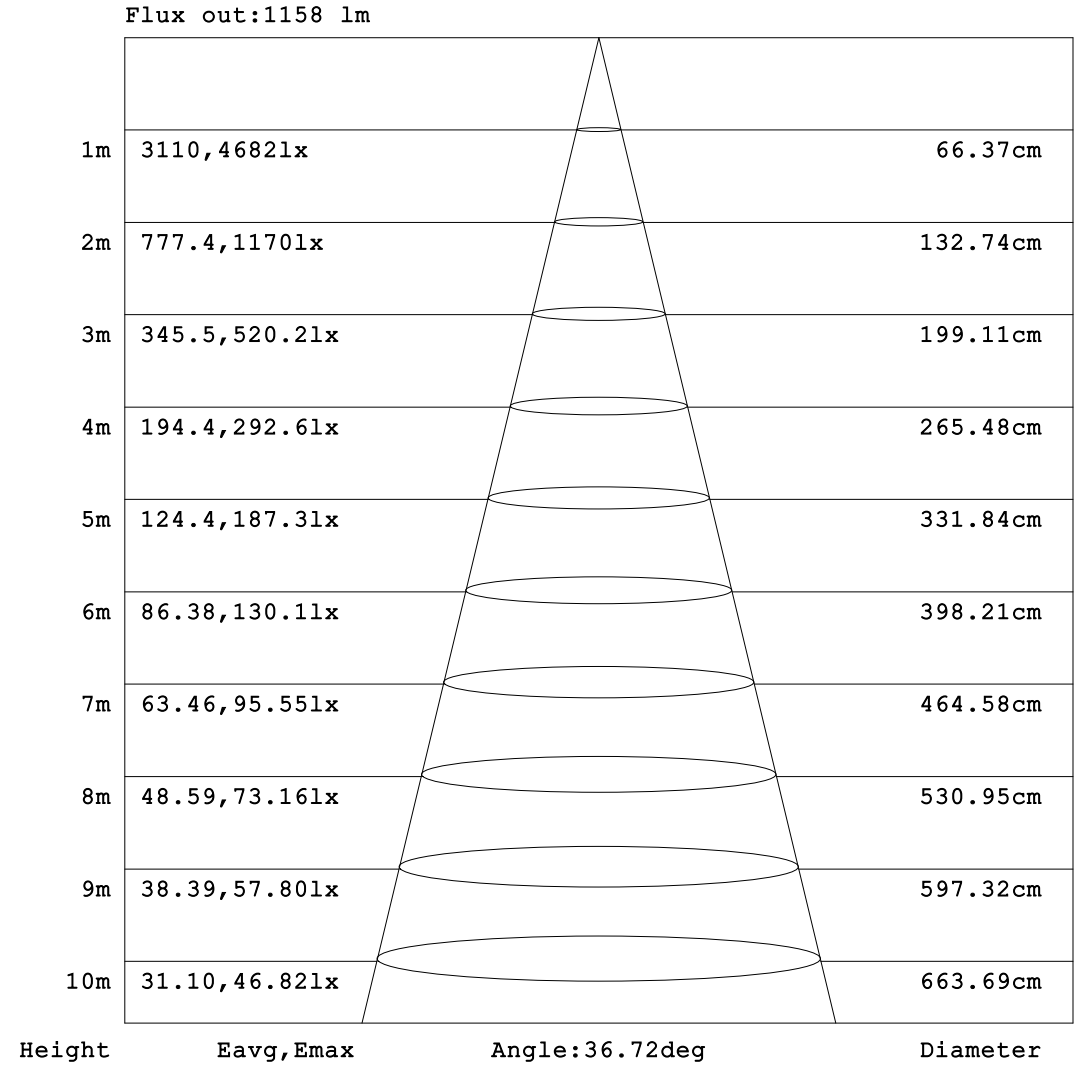
C Range: 0 - 360DEG
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Test Date:2023-11-16

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-10X2701-3000K RA90 36D WHITE

AAI Figure

Test:U:240.3V I:0.1170A P:27.8W PF:0.9910 Freq:49.99Hz UTHDi:0.47% ITHDi:5.25% KDisp:0.9950 Lamp Flux:2165.56x1 lm		
NAME: HCP-10X2701-3000K RA90 36D 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.

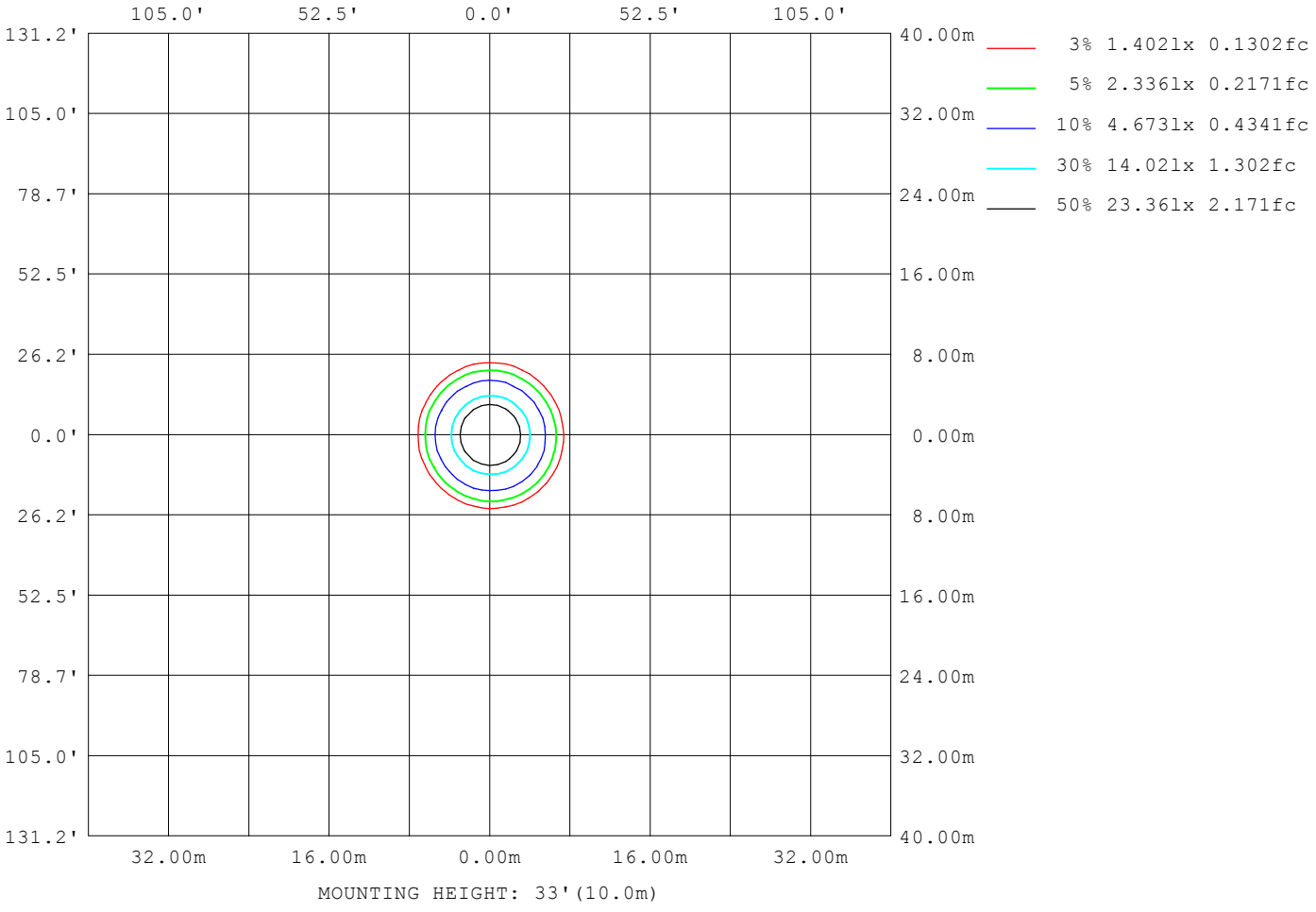
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-16

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-10X2701-3000K RA90 36D WHITE

ISOLUX DIAGRAM

Test:U:240.3V I:0.1170A P:27.8W PF:0.9910 Freq:49.99Hz UTHDi:0.47% ITHDi:5.25% KDisp:0.9950 Lamp Flux:2165.56x1 lm		
NAME: HCP-10X2701-3000K RA90 36D 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:2023-11-16

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:0.1170A P:27.8W PF:0.9910 Freq:49.99Hz UTHDi:0.47% ITHDi:5.25% KDisp:0.9950 Lamp Flux:2165.56x1 lm		
NAME: HCP-10X2701-3000K RA90 36D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

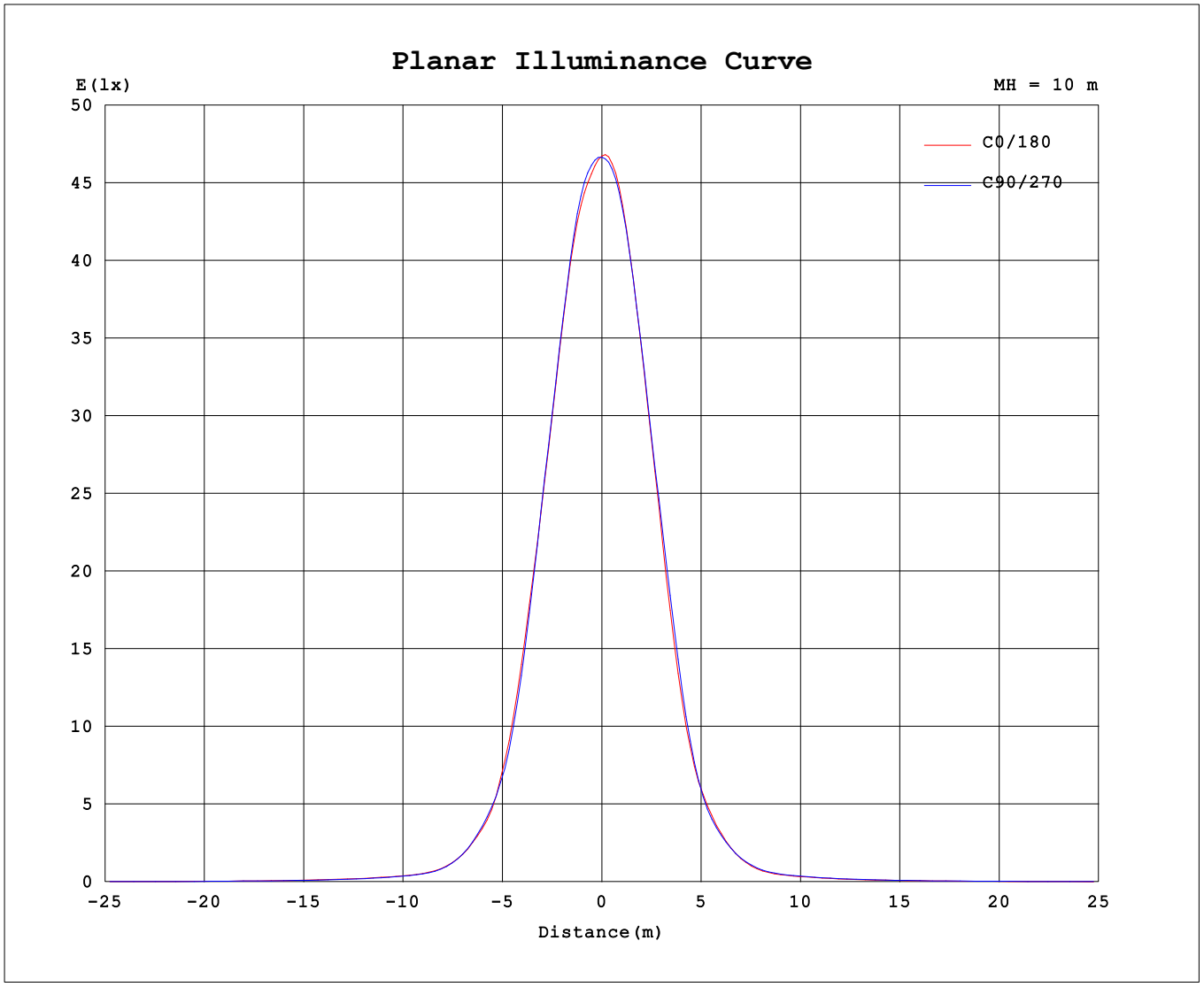
AvgL	cd/m2
L_0~180(65)av	29349
L_0~180(75)av	24913
L_0~180(85)av	17793
L_90~270(65)av	29399
L_90~270(75)av	24810
L_90~270(85)av	17578
L_45(65)av	29375
L_45(75)av	24825
L_45(85)av	17597

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-16

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:2023-11-16

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-10X2701-3000K RA90 36D WHITE

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:240.3V I:0.1170A P:27.8W PF:0.9910 Freq:49.99Hz UTHDi:0.47% ITHDi:5.25% KDisp:0.9950 Lamp Flux:2165.56x1 lm		
NAME: HCP-10X2701-3000K RA90 36D 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	4667	4667	4667	4667	4667	4667	4667	4667
5	4481	4519	4556	4550	4517	4492	4492	4477
10	3977	4031	3995	3922	3861	3854	3868	3908
15	3096	3171	3122	2997	2930	2948	2966	3012
20	2150	2175	2087	1949	1853	1844	1972	2060
25	1219	1270	1148	1046	1002	1004	1037	1130
30	614	687	646	582	561	540	539	537
35	325	352	327	286	273	271	280	293
40	161	168	154	142	134	136	145	154
45	111	111	105	100	97.2	97.8	105	109
50	88.4	86.1	80.7	76.5	74.5	76.1	81.9	87.0
55	68.3	66.5	63.3	60.0	58.0	59.0	64.0	67.8
60	53.6	52.2	49.7	47.9	46.8	47.4	50.4	52.9
65	44.4	43.4	40.9	38.7	37.5	38.1	41.1	43.6
70	33.8	32.9	30.7	28.7	27.6	28.2	30.8	32.9
75	24.0	23.2	21.1	19.4	18.6	19.1	21.3	23.1
80	15.0	14.3	12.5	11.0	10.3	10.9	12.7	14.3
85	7.08	6.49	5.01	3.69	3.16	3.64	5.10	6.42
90	0.23	0.10	0.14	0.13	0.14	0.13	0.13	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-10X2701-3000K RA90 36D 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	4667	4667	4667	4667	4667	4667	4667	4667
3.0	4570	4596	4633	4652	4637	4624	4610	4583
6.0	4421	4462	4489	4464	4422	4398	4403	4397
9.0	4118	4171	4151	4078	4021	4004	4023	4060
12.0	3641	3707	3669	3574	3506	3521	3530	3576
15.0	3096	3171	3122	2997	2930	2948	2966	3012
18.0	2527	2595	2515	2361	2278	2294	2391	2437
21.0	1944	1979	1875	1745	1647	1627	1763	1857
24.0	1382	1418	1306	1196	1136	1136	1190	1298
27.0	939.7	989.9	905.5	821.1	796.2	775.1	778.1	838.9
30.0	613.6	687.2	645.9	581.7	560.9	540.2	539.2	536.9
33.0	429.5	469.3	437.9	388.9	371.7	363.4	368.7	378.9
36.0	279.4	303.6	279.0	244.6	235.9	233.2	242.4	255.6
39.0	181.9	192.4	175.5	158.7	150.3	151.9	162.4	171.6
42.0	132.7	135.3	126.8	119.2	114.2	115.0	123.2	129.4
45.0	110.6	111.1	104.7	100.2	97.16	97.81	104.6	109.1
48.0	97.52	96.13	90.06	84.36	81.99	84.01	91.19	95.60
51.0	84.04	81.76	76.86	72.94	70.85	72.34	78.01	82.81
54.0	72.01	69.88	66.50	63.16	61.01	62.04	67.26	71.30
57.0	61.91	60.25	57.21	54.30	52.68	53.73	57.86	61.29
60.0	53.61	52.22	49.72	47.92	46.83	47.43	50.35	52.93
63.0	47.81	47.04	45.15	42.99	41.59	42.30	45.42	47.37
66.0	42.20	41.20	38.85	36.72	35.45	36.08	38.97	41.34
69.0	35.83	34.95	32.69	30.68	29.55	30.15	32.77	34.99
72.0	29.76	28.91	26.77	24.91	23.91	24.48	26.83	28.89
75.0	23.96	23.18	21.12	19.41	18.60	19.10	21.26	23.12
78.0	18.47	17.77	15.84	14.24	13.53	14.07	16.01	17.70
81.0	13.33	12.69	10.94	9.436	8.812	9.364	11.09	12.63
84.0	8.594	7.978	6.425	5.040	4.493	5.001	6.517	7.921
87.0	4.217	3.672	2.343	1.131	0.5896	1.070	2.396	3.610
90.0	0.2295	0.1031	0.1366	0.1264	0.1431	0.1323	0.1305	0.1148

C Range: 0 - 360DEG
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γ Range: 0 - 90DEG
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Humidity:65.0%
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