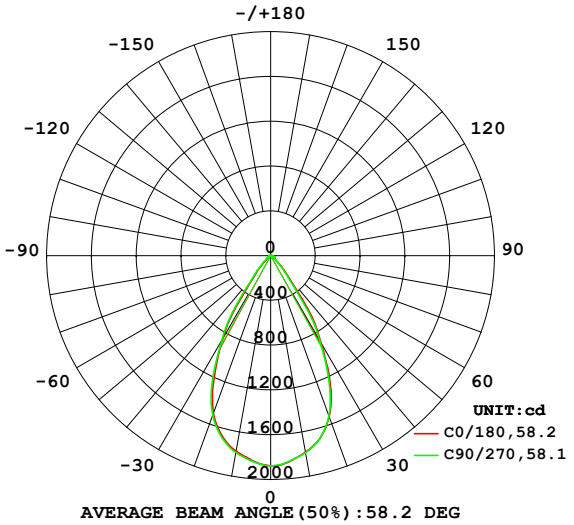
Photometric Filename: HCP-10X2501-2700K RA90 60D WHITE

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:240.2V I:0.1052A P:24.8W PF:0.9821 Freq:49.99Hz UTHDi:0.40% ITHDi:7.23% KDisp:0.9873 Lamp Flux:1694.44x1 lm		
NAME: HCP-10X2501-2700K RA90 60D WHITE	TYPE:	WEIGHT:
SPEC.: 25W	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 55mm	Shielding Angle:

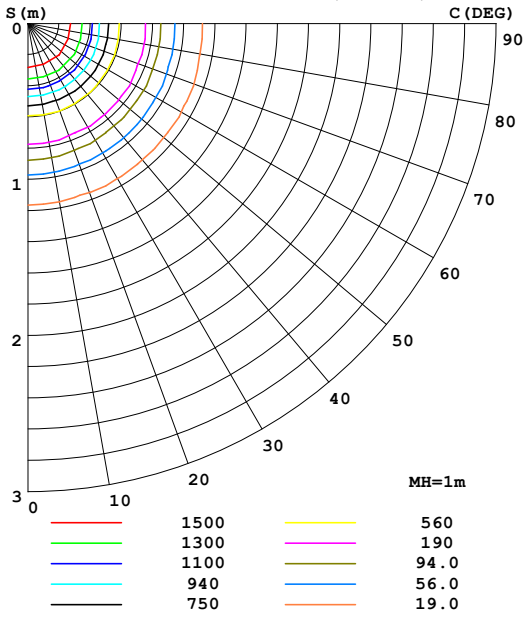
DATA OF LAMP		PHOTOMETRIC DATA			Eff: 68.26 lm/W
MODEL		Imax(cd)	1878	S/MH(C0/180)	0.87
NOMINAL POWER(W)	25	LOR(%)	100.0	S/MH(C90/270)	0.88
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	1694.4	η UP,DN(C0-180)	0.0,50.4
NOMINAL FLUX(lm)	1694.44	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,49.6
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	240.12	η down(%)	100.0	CIBSE SHR MAX	0.90

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):58.2 DEG

PLANAR ISOLUX DIAGRAM(UNIT:lx)



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-22

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	1783	1789	1789	1788	1775	1780	1786	1786	0- 10	174.2	174.2	10.3,10.3
20	1532	1547	1522	1513	1498	1494	1514	1533	10- 20	470.8	645.0	38.1,38.1
30	906.8	918.4	882.0	863.4	860.7	866.4	879.0	889.3	20- 30	556.4	1201	70.9,70.9
40	240.6	234.0	213.8	199.8	202.1	212.1	229.1	222.1	30- 40	320.6	1522	89.8,89.8
50	57.28	53.85	47.63	44.11	44.02	46.30	52.93	55.64	40- 50	91.05	1613	95.2,95.2
60	33.19	32.80	31.23	30.31	30.64	31.65	32.58	33.01	50- 60	33.33	1646	97.2,97.2
70	22.93	22.30	20.87	20.19	20.55	21.55	22.74	23.08	60- 70	27.13	1674	98.8,98.8
80	10.29	9.746	8.833	8.423	8.696	9.394	10.27	10.51	70- 80	16.44	1690	99.7,99.7
90	0.0868	0.0824	0.0967	0.0897	0.0982	0.0923	0.0918	0.0822	80- 90	4.468	1694	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): 1582 lm

%lum = 93.4%
%lamp = 93.4%

Conical surface Flux(120deg): 1646.4 lm

%lum = 97.2%
%lamp = 97.2%

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-22

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:

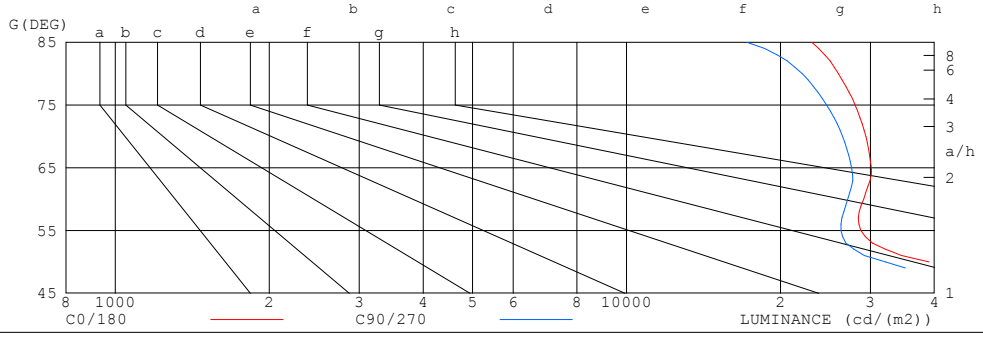
Photometric Filename: HCP-10X2501-2700K RA90 60D WHITE

LUMINANCE LIMITATION CURVES

Test:U:240.2V I:0.1052A P:24.8W PF:0.9821 Freq:49.99Hz **UTHDi:0.40% ITHDi:7.23% KDisp:0.9873 Lamp Flux:1694.44x1 lm**		
NAME: HCP-10X2501-2700K RA90 60D 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	23031	17199
80	25981	22054
75	28006	24619
70	29386	26452
65	30144	27535
60	29095	27080
55	28741	26272
50	39058	32127
45	81184	67105

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-22

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 60D WHITE

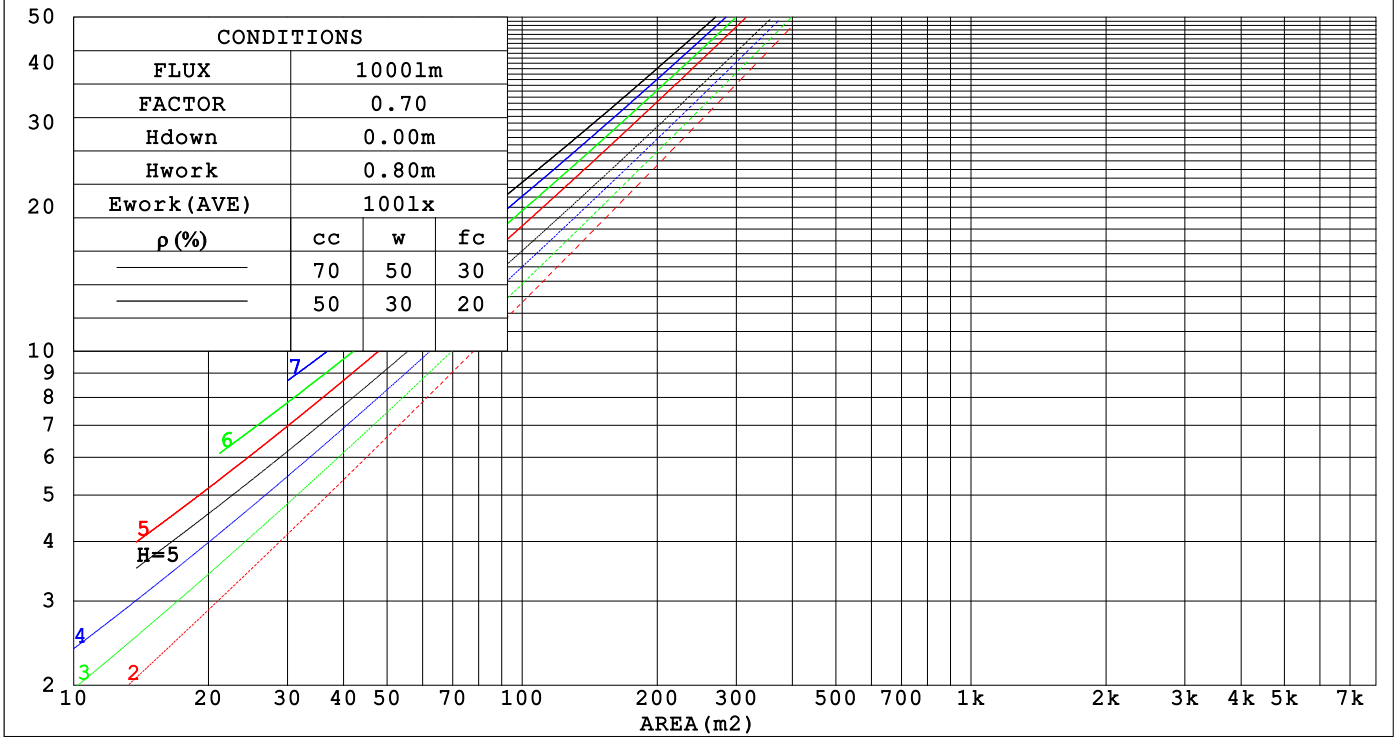
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:240.2V I:0.1052A P:24.8W PF:0.9821 Freq:49.99Hz UTHDi:0.40% ITHDi:7.23% KDisp:0.9873 Lamp Flux:1694.44x1 lm		
NAME: HCP-10X2501-2700K RA90 60D 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	1.10	1.08	1.05	1.08	1.06	1.04	1.04	1.02	1.00	1.00	.99	.97	.97	.96	.95	.93
2.0	1.02	.98	.94	1.00	.97	.93	.97	.94	.91	.94	.92	.89	.91	.89	.87	.86
3.0	.95	.90	.86	.94	.89	.85	.91	.87	.84	.88	.85	.82	.86	.83	.81	.79
4.0	.89	.83	.79	.87	.82	.78	.85	.81	.77	.83	.79	.76	.81	.78	.75	.74
5.0	.83	.77	.72	.82	.76	.72	.80	.75	.71	.78	.74	.71	.77	.73	.70	.69
6.0	.78	.72	.67	.77	.71	.67	.75	.70	.67	.74	.70	.66	.73	.69	.66	.64
7.0	.73	.67	.63	.72	.67	.62	.71	.66	.62	.70	.65	.62	.69	.65	.61	.60
8.0	.69	.63	.59	.68	.63	.58	.67	.62	.58	.66	.61	.58	.65	.61	.58	.56
9.0	.65	.59	.55	.65	.59	.55	.64	.58	.55	.63	.58	.55	.62	.58	.54	.53
10.0	.62	.56	.52	.61	.55	.52	.60	.55	.52	.59	.55	.51	.59	.54	.51	.50

LAMPS

LUMINAIRE BUDGETARY DIAGRAM



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-22

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 60D WHITE

WEC AND CCEC

Test:U:240.2V I:0.1052A P:24.8W PF:0.9821 Freq:49.99Hz UTHDi:0.40% ITHDi:7.23% KDisp:0.9873 Lamp Flux:1694.44x1 lm		
NAME: HCP-10X2501-2700K RA90 60D 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	.189	.107	.034	.182	.104	.033	.169	.097	.031	.158	.091	.029	.147	.085	.027	
2.0	.179	.098	.030	.174	.096	.029	.163	.091	.028	.153	.086	.027	.144	.081	.026	
3.0	.170	.090	.027	.165	.088	.027	.156	.084	.026	.147	.081	.025	.140	.077	.024	
4.0	.161	.084	.025	.157	.082	.024	.149	.079	.024	.141	.076	.023	.135	.073	.022	
5.0	.153	.078	.023	.149	.076	.022	.142	.074	.022	.136	.072	.021	.130	.069	.021	
6.0	.145	.073	.021	.142	.072	.021	.136	.070	.020	.130	.068	.020	.125	.066	.020	
7.0	.138	.068	.019	.135	.067	.019	.130	.066	.019	.125	.064	.019	.120	.062	.018	
8.0	.132	.064	.018	.129	.064	.018	.125	.062	.018	.120	.061	.018	.116	.060	.017	
9.0	.126	.061	.017	.124	.060	.017	.120	.059	.017	.116	.058	.017	.112	.057	.016	
10.0	.121	.058	.016	.119	.057	.016	.115	.056	.016	.111	.055	.016	.108	.054	.016	

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	.135	.114	.096	.092	.079	.067	.053	.046	.039	.017	.015	.013	
3.0	.145	.114	.088	.124	.098	.077	.085	.068	.054	.049	.040	.032	.016	.013	.010	
4.0	.135	.099	.071	.116	.086	.062	.080	.060	.044	.046	.035	.026	.015	.011	.009	
5.0	.126	.087	.059	.109	.076	.051	.075	.053	.036	.043	.031	.021	.014	.010	.007	
6.0	.119	.078	.049	.102	.068	.043	.071	.047	.030	.041	.028	.018	.013	.009	.006	
7.0	.113	.071	.041	.097	.061	.036	.067	.043	.026	.039	.025	.015	.013	.008	.005	
8.0	.107	.065	.036	.092	.056	.031	.064	.039	.022	.037	.023	.013	.012	.008	.004	
9.0	.102	.059	.031	.088	.052	.027	.061	.036	.019	.035	.021	.011	.011	.007	.004	
10.0	.097	.055	.027	.084	.048	.024	.058	.034	.017	.034	.020	.010	.011	.007	.003	

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-22

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 60D WHITE

UGR(Unified Glare Rating) Table

Test:U:240.2V I:0.1052A P:24.8W PF:0.9821 Freq:49.99Hz UTHDi:0.40% ITHDi:7.23% KDisp:0.9873 Lamp Flux:1694.44x1 lm		
NAME: HCP-10X2501-2700K RA90 60D 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	23.8	24.8	24.1	25.0	25.2	23.6	24.5	23.8	24.7	24.9
	3H	24.1	25.0	24.4	25.2	25.4	23.8	24.7	24.0	24.9	25.1
	4H	24.2	25.1	24.5	25.3	25.5	23.9	24.8	24.2	25.0	25.2
	6H	24.4	25.2	24.7	25.4	25.7	24.0	24.8	24.3	25.0	25.3
	8H	24.4	25.2	24.7	25.4	25.7	24.0	24.8	24.3	25.0	25.3
	12H	24.4	25.2	24.7	25.4	25.7	24.0	24.8	24.3	25.0	25.3
4H	2H	23.8	24.6	24.0	24.8	25.1	23.5	24.4	23.8	24.6	24.8
	3H	24.2	24.9	24.5	25.2	25.5	23.9	24.6	24.2	24.9	25.2
	4H	24.4	25.1	24.8	25.4	25.7	24.1	24.8	24.4	25.1	25.4
	6H	24.6	25.2	25.0	25.6	25.9	24.3	24.9	24.7	25.2	25.6
	8H	24.7	25.3	25.1	25.6	26.0	24.3	24.9	24.7	25.2	25.6
	12H	24.8	25.3	25.2	25.6	26.0	24.4	24.9	24.8	25.2	25.6
8H	4H	24.4	25.0	24.8	25.4	25.7	24.1	24.7	24.5	25.0	25.4
	6H	24.8	25.2	25.2	25.6	26.0	24.4	24.9	24.8	25.3	25.7
	8H	24.9	25.3	25.3	25.7	26.2	24.5	24.9	25.0	25.3	25.8
	12H	25.0	25.3	25.5	25.8	26.2	24.6	24.9	25.0	25.4	25.8
12H	4H	24.4	24.9	24.8	25.3	25.7	24.1	24.6	24.5	25.0	25.4
	6H	24.8	25.2	25.2	25.6	26.0	24.4	24.8	24.9	25.2	25.7
	8H	24.9	25.3	25.4	25.7	26.2	24.5	24.9	25.0	25.3	25.8

Variations with the observer position at spacings(CIE Pub.117):		
S = 1.0H	+ 2.0 / - 1.9	+ 1.6 / - 1.8
1.5H	+ 3.6 / - 1.9	+ 3.1 / - 1.9
2.0H	+ 2.4 / - 0.7	+ 1.9 / - 0.6

CIE Pub.117, 1694 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 1.8)
Area: 0.0023 m2

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-22

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 60D WHITE

UTILIZATION FACTORS TABLE

Test:U:240.2V I:0.1052A P:24.8W PF:0.9821 Freq:49.99Hz UTHDi:0.40% ITHDi:7.23% KDisp:0.9873 Lamp Flux:1694.44x1 lm		
NAME: HCP-10X2501-2700K RA90 60D 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	85	79	75	85	78	74	84	78	74	71
0.80	93	87	83	92	86	83	91	86	82	78
1.00	98	92	88	97	91	87	95	91	87	83
1.25	102	96	92	101	96	92	99	94	91	87
1.50	105	99	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	107	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	

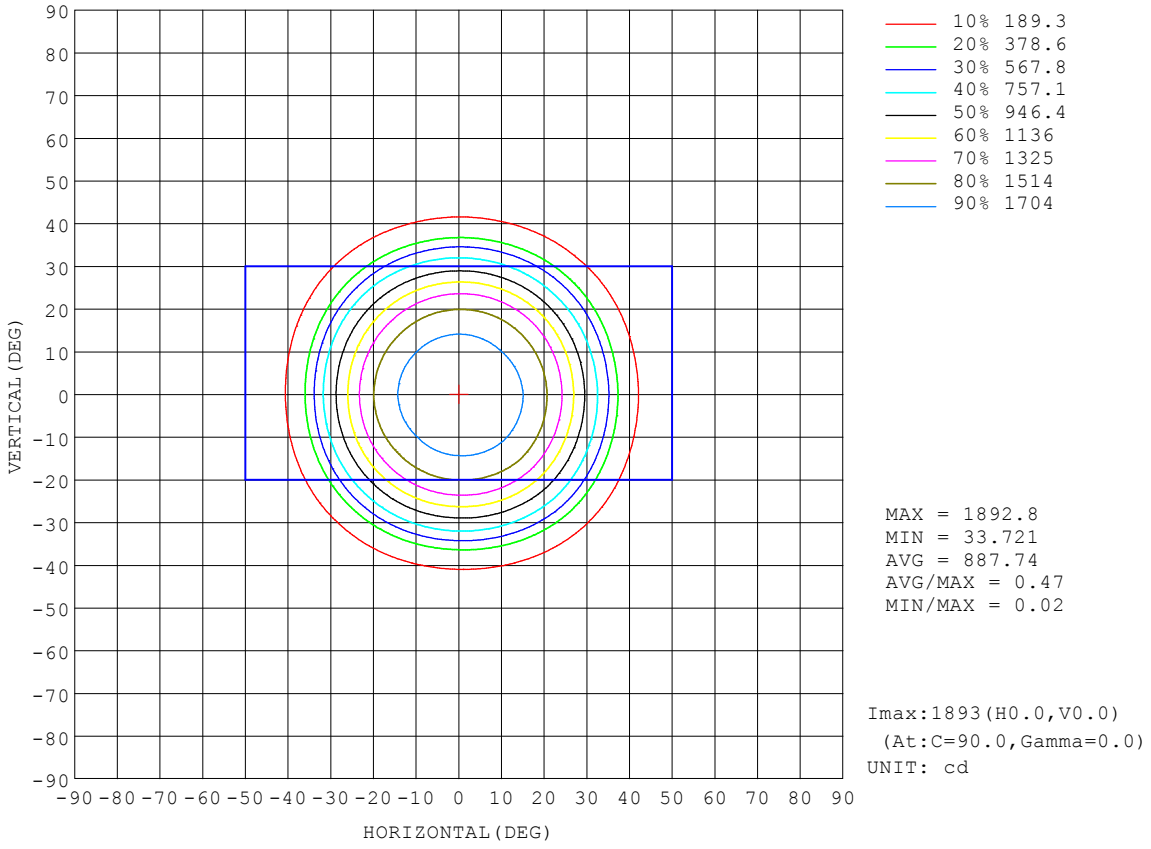
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
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Test Date:2023-11-22

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 60D WHITE

ISOCANDELA DIAGRAM

Test:U:240.2V I:0.1052A P:24.8W PF:0.9821 Freq:49.99Hz **UTHDi:0.40% ITHDi:7.23% KDisp:0.9873 Lamp Flux:1694.44x1 lm**		
NAME: HCP-10X2501-2700K RA90 60D 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
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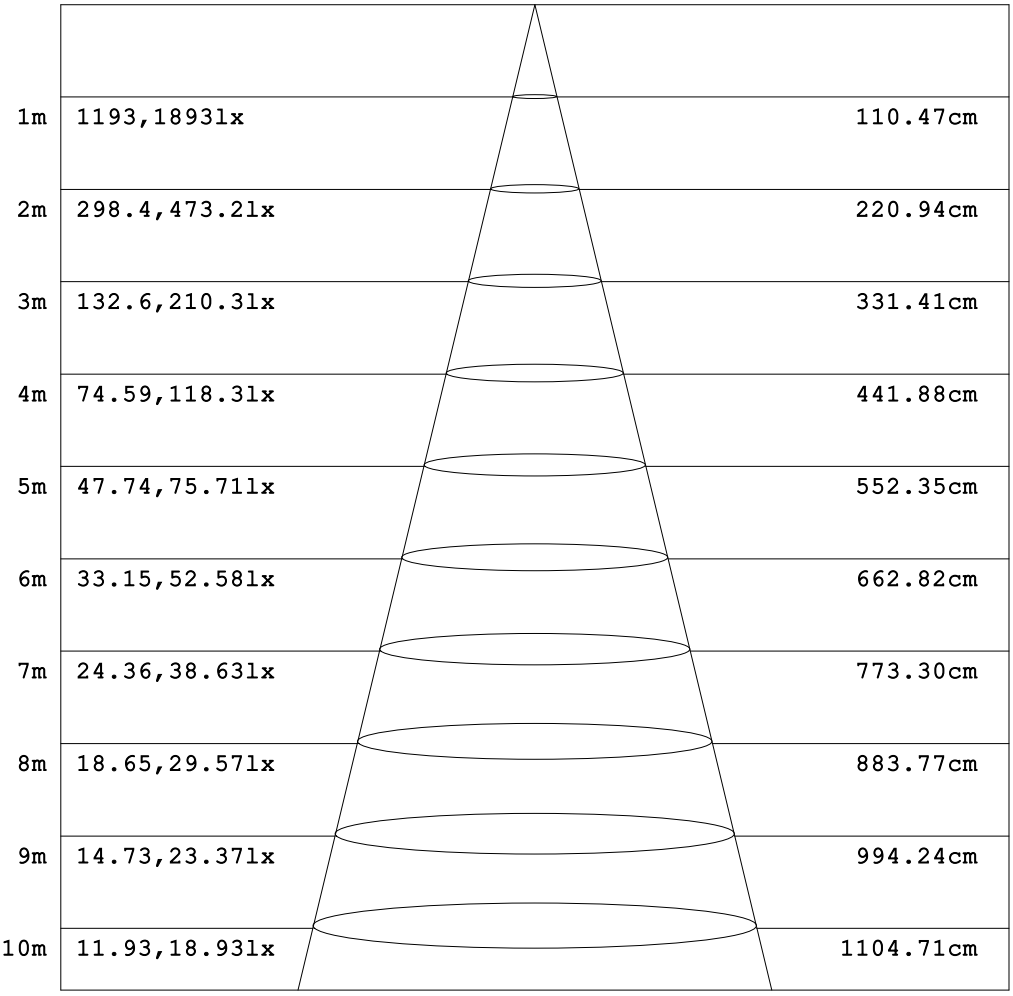
γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks:

Photometric Filename: HCP-10X2501-2700K RA90 60D WHITE

AAI Figure

Test:U:240.2V I:0.1052A P:24.8W PF:0.9821 Freq:49.99Hz **UTHDi:0.40% ITHDi:7.23% KDisp:0.9873 Lamp Flux:1694.44x1 lm**		
NAME: HCP-10X2501-2700K RA90 60D WHITE	**TYPE:**	**WEIGHT:**
SPEC.: 25W	**DIM.:**	**SERIAL No.:**
MFR.: Havit Commercial	**SUR.: 55mm**	**Shielding Angle:**

Flux out:1152 lm



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

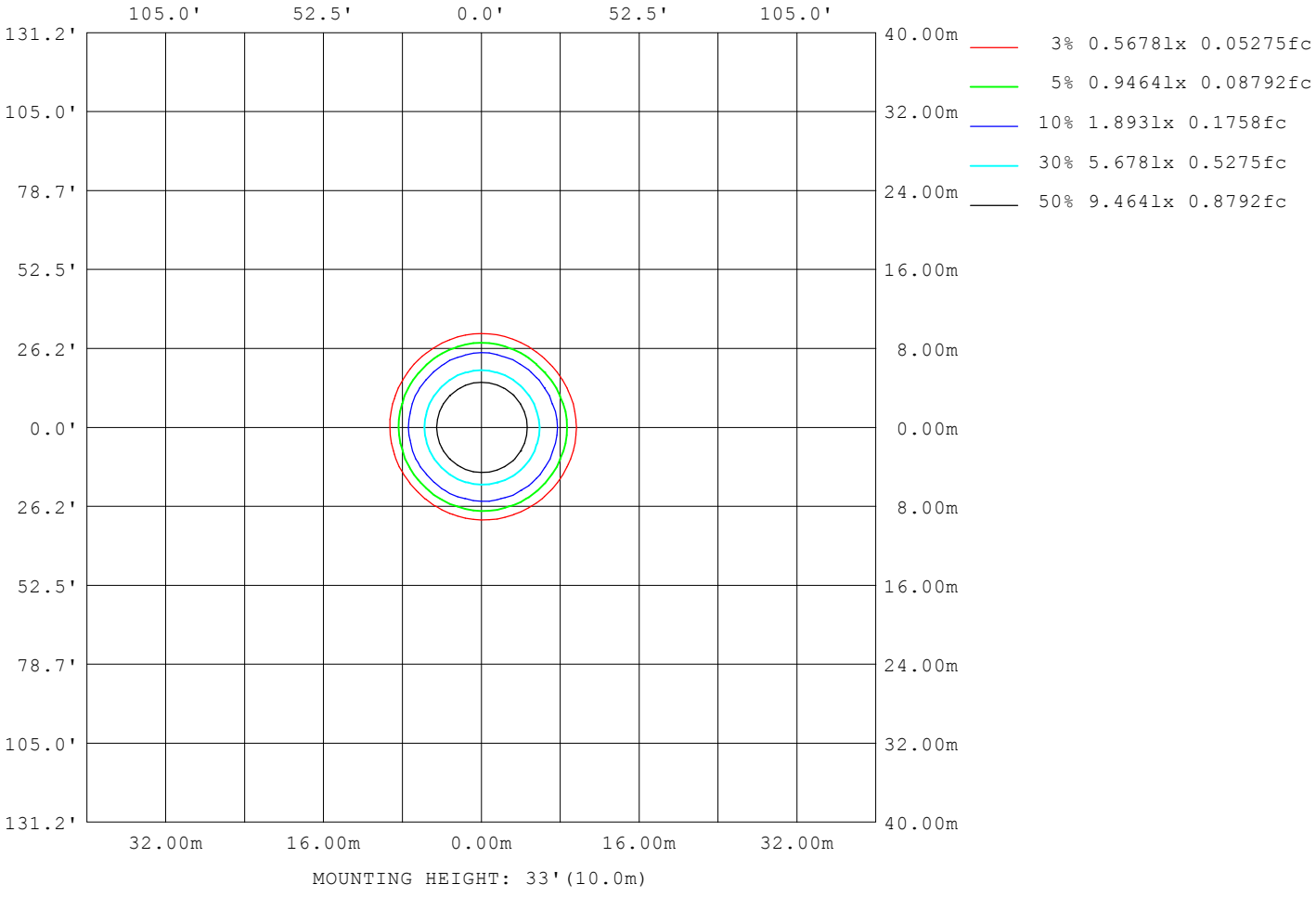
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-22

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 60D WHITE

ISOLUX DIAGRAM

Test:U:240.2V I:0.1052A P:24.8W PF:0.9821 Freq:49.99Hz **UTHDi:0.40% ITHDi:7.23% KDisp:0.9873 Lamp Flux:1694.44x1 lm**		
NAME: HCP-10X2501-2700K RA90 60D 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:2023-11-22

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:240.2V I:0.1052A P:24.8W PF:0.9821 Freq:49.99Hz UTHDi:0.40% ITHDi:7.23% KDisp:0.9873 Lamp Flux:1694.44x1 lm		
NAME: HCP-10X2501-2700K RA90 60D WHITE	TYPE:	WEIGHT:
SPEC.: 25W	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 55mm	Shielding Angle:

AvgL	cd/m2
L_0~180(65)av	28479
L_0~180(75)av	26100
L_0~180(85)av	19552
L_90~270(65)av	28509
L_90~270(75)av	26178
L_90~270(85)av	19782
L_45(65)av	28504
L_45(75)av	26134
L_45(85)av	19609

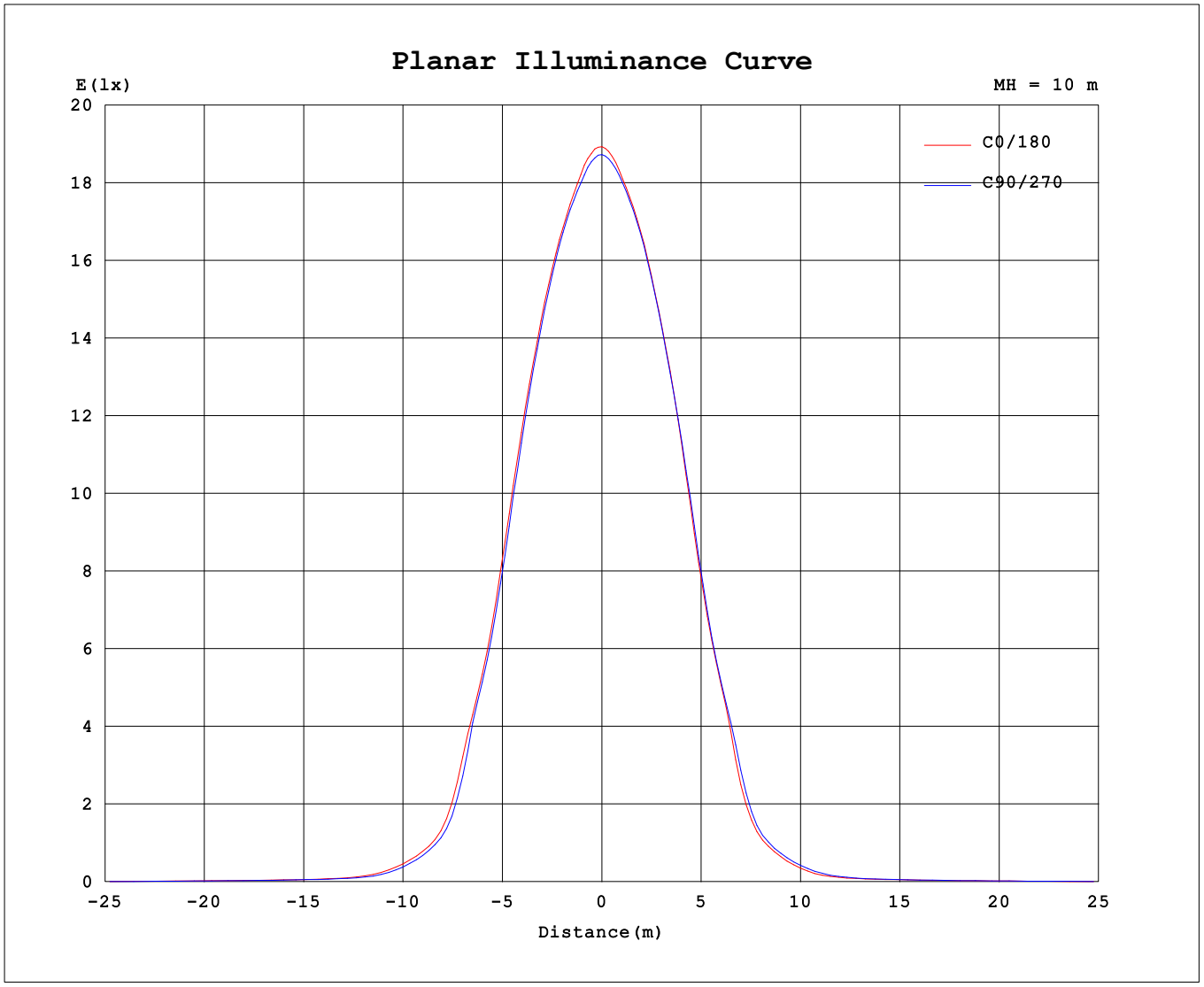
Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-22

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 60D WHITE

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-22

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 60D WHITE

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:240.2V I:0.1052A P:24.8W PF:0.9821 Freq:49.99Hz UTHDi:0.40% ITHDi:7.23% KDisp:0.9873 Lamp Flux:1694.44x1 lm		
NAME: HCP-10X2501-2700K RA90 60D 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	1878	1878	1878	1878	1878	1878	1878	1878
5	1852	1852	1846	1843	1839	1841	1845	1849
10	1783	1789	1789	1788	1775	1780	1786	1786
15	1692	1701	1693	1689	1670	1671	1685	1696
20	1532	1547	1522	1513	1498	1494	1514	1533
25	1263	1271	1234	1218	1196	1202	1236	1258
30	907	918	882	863	861	866	879	889
35	582	568	497	456	452	483	525	546
40	241	234	214	200	202	212	229	222
45	131	122	109	98.7	99.6	107	121	121
50	57.3	53.8	47.6	44.1	44.0	46.3	52.9	55.6
55	37.6	37.2	34.8	33.7	33.9	35.0	36.6	37.1
60	33.2	32.8	31.2	30.3	30.6	31.7	32.6	33.0
65	29.1	28.4	26.8	26.0	26.3	27.4	28.6	29.0
70	22.9	22.3	20.9	20.2	20.5	21.6	22.7	23.1
75	16.5	15.9	14.7	14.2	14.5	15.4	16.5	16.7
80	10.3	9.75	8.83	8.42	8.70	9.39	10.3	10.5
85	4.58	4.14	3.46	3.12	3.26	3.76	4.47	4.70
90	0.09	0.08	0.10	0.09	0.10	0.09	0.09	0.08

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-22

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 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	1878	1878	1878	1878	1878	1878	1878	1878
3.0	1869	1869	1867	1864	1861	1861	1864	1867
6.0	1837	1840	1835	1833	1825	1829	1834	1839
9.0	1797	1804	1802	1799	1789	1793	1800	1799
12.0	1753	1759	1757	1754	1741	1743	1753	1755
15.0	1692	1701	1693	1689	1670	1671	1685	1696
18.0	1605	1615	1601	1593	1579	1576	1591	1607
21.0	1489	1505	1476	1466	1449	1447	1469	1492
24.0	1328	1337	1306	1288	1267	1272	1302	1328
27.0	1122	1127	1089	1074	1054	1065	1087	1118
30.0	906.8	918.4	882.0	863.4	860.7	866.4	879.0	889.3
33.0	724.1	729.8	696.2	663.5	650.7	673.2	697.3	695.2
36.0	482.7	472.4	410.0	374.2	373.1	398.9	433.6	446.9
39.0	278.6	266.1	242.2	230.1	228.1	239.9	256.2	254.5
42.0	190.9	178.7	167.4	152.9	157.4	165.3	180.4	175.5
45.0	131.0	121.5	109.4	98.65	99.57	107.1	120.9	121.2
48.0	82.05	74.88	64.19	57.67	57.14	60.99	73.39	78.54
51.0	49.56	48.21	42.37	40.30	40.09	42.13	47.07	48.18
54.0	39.34	38.67	35.86	34.60	34.72	36.12	38.05	38.87
57.0	35.30	34.87	33.15	32.19	32.53	33.47	34.65	35.06
60.0	33.19	32.80	31.23	30.31	30.64	31.65	32.58	33.01
63.0	31.03	30.56	29.02	28.05	28.39	29.53	30.52	30.93
66.0	27.84	27.22	25.70	24.84	25.19	26.27	27.46	27.87
69.0	24.19	23.56	22.10	21.37	21.73	22.76	23.95	24.31
72.0	20.38	19.74	18.40	17.78	18.14	19.10	20.27	20.55
75.0	16.54	15.91	14.70	14.19	14.54	15.39	16.47	16.74
78.0	12.73	12.16	11.11	10.69	10.99	11.75	12.72	12.96
81.0	9.102	8.572	7.707	7.318	7.567	8.233	9.070	9.315
84.0	5.662	5.209	4.489	4.142	4.327	4.870	5.598	5.819
87.0	2.461	2.075	1.459	1.081	1.129	1.551	2.231	2.494
90.0	0.0868	0.0824	0.0967	0.0897	0.0982	0.0923	0.0918	0.0822

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
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Operators:DAMIN
Test Date:2023-11-22

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: