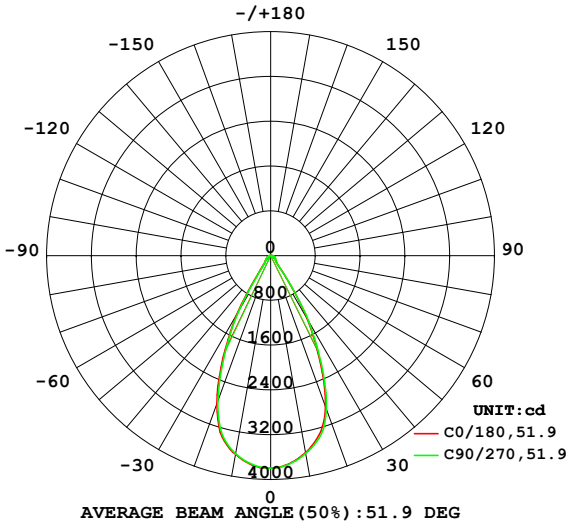
Photometric Filename: HCP-10X2701-5000K RA90 60D WHITE

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:240.4V I:0.1425A P:34.0W PF:0.9928 Freq:49.99Hz UTHDi:0.23% ITHDi:5.66% KDisp:0.9961 Lamp Flux:2823.24x1 lm		
NAME: HCP-10X2701-5000K RA90 60D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

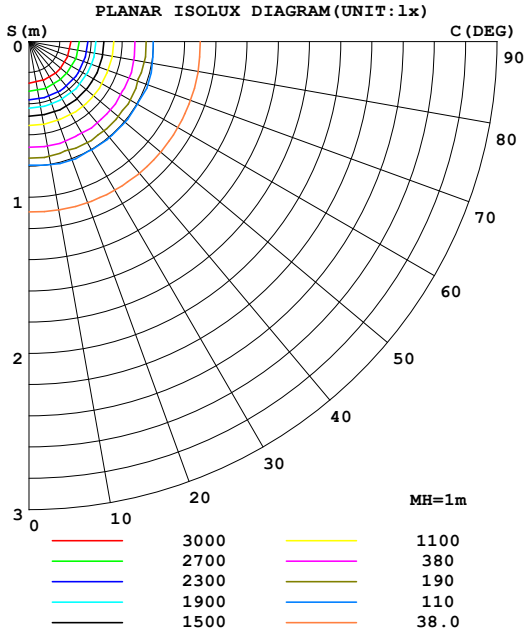
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 83.02 lm/W	
MODEL		Imax(cd)	3799	S/MH(C0/180)	0.78
NOMINAL POWER(W)	35	LOR(%)	100.0	S/MH(C90/270)	0.77
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	2823.2	η UP,DN(C0-180)	0.0,51.5
NOMINAL FLUX(lm)	2823.24	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,48.5
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	240.3	η down(%)	100.0	CIBSE SHR MAX	0.80

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):51.9 DEG

PLANAR ISOLUX DIAGRAM(UNIT:lx)



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-15

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	3576	3587	3591	3603	3608	3602	3595	3584	0- 10	352.6	352.6	12.5,12.5
20	2867	2878	2922	2889	2817	2742	2766	2814	10- 20	923.0	1276	45.2,45.2
30	1333	1381	1375	1323	1215	1130	1135	1234	20- 30	929.7	2205	78.1,78.1
40	175.7	183.2	184.2	180.7	173.9	169.6	164.9	169.1	30- 40	328.6	2534	89.7,89.7
50	106.3	110.3	109.1	109.0	107.1	102.8	102.4	102.7	40- 50	105.5	2639	93.5,93.5
60	72.75	74.99	75.37	75.67	74.25	71.96	71.21	71.23	50- 60	78.79	2718	96.3,96.3
70	48.52	50.48	50.33	48.95	46.23	43.79	43.95	45.66	60- 70	60.50	2779	98.4,98.4
80	21.60	23.27	22.71	20.90	18.63	17.02	17.56	19.16	70- 80	35.23	2814	99.7,99.7
90	0.1866	0.1612	0.1818	0.1681	0.2005	0.2052	0.2169	0.1926	80- 90	9.422	2823	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): 2590.4 lm

%lum = 91.8%
%lamp = 91.8%

Conical surface Flux(130deg): 2751.1 lm

%lum = 97.4%
%lamp = 97.4%

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-15

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:

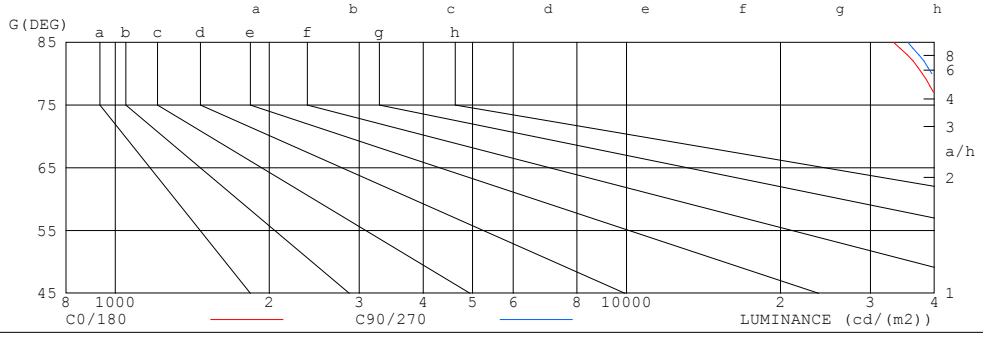
Photometric Filename: HCP-10X2701-5000K RA90 60D WHITE

LUMINANCE LIMITATION CURVES

Test:U:240.4V I:0.1425A P:34.0W PF:0.9928 Freq:49.99Hz **UTHDi:0.23% ITHDi:5.66% KDisp:0.9961 Lamp Flux:2823.24x1 lm**		
NAME: HCP-10X2701-5000K RA90 60D 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	33298	35506
80	37883	39559
75	40939	42405
70	43196	44518
65	44746	46190
60	44308	45603
55	46136	47146
50	50351	51364
45	58528	59616

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-15

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-10X2701-5000K RA90 60D WHITE

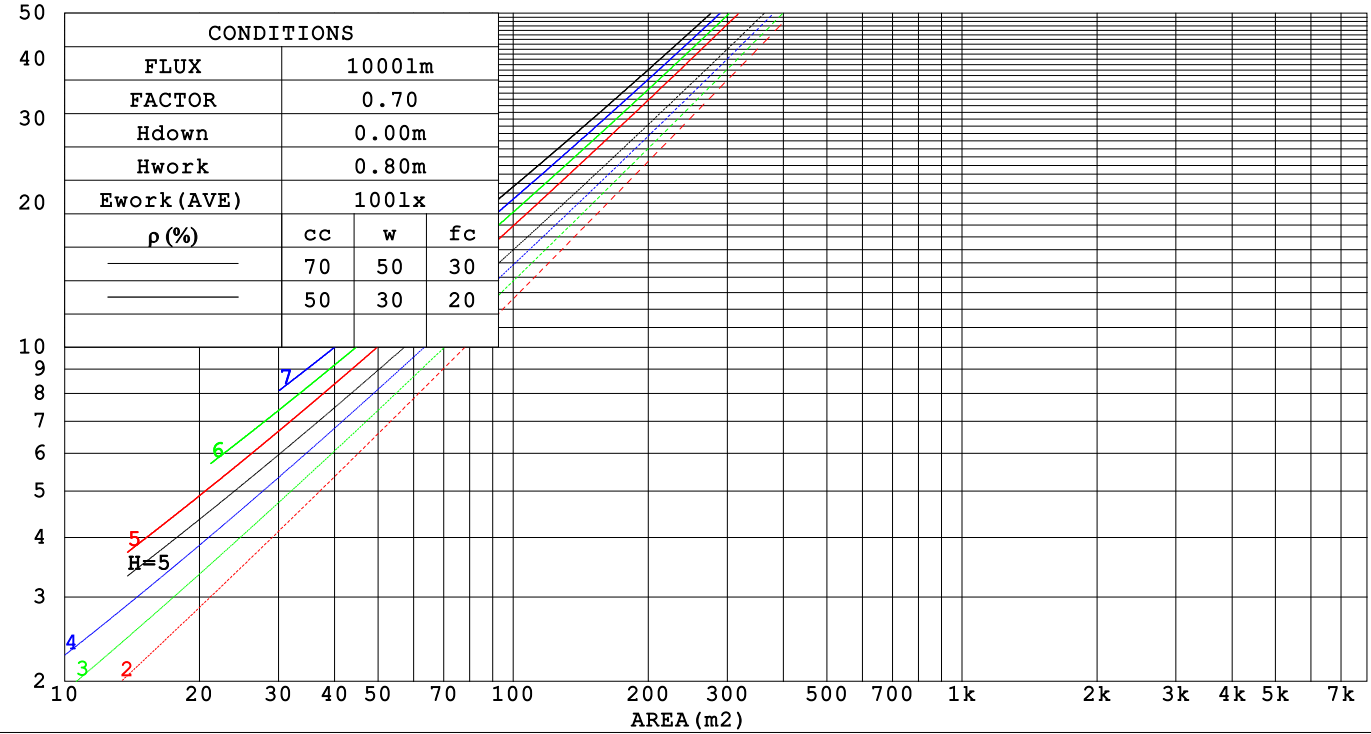
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:240.4V I:0.1425A P:34.0W PF:0.9928 Freq:49.99Hz UTHDi:0.23% ITHDi:5.66% KDisp:0.9961 Lamp Flux:2823.24x1 lm		
NAME: HCP-10X2701-5000K RA90 60D 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	1.10	1.08	1.05	1.08	1.06	1.04	1.04	1.02	1.01	1.00	.99	.98	.97	.96	.95	.93
2.0	1.03	.98	.95	1.01	.97	.94	.98	.95	.92	.95	.92	.90	.92	.90	.88	.86
3.0	.96	.91	.87	.94	.90	.86	.92	.88	.85	.89	.86	.83	.87	.84	.82	.80
4.0	.90	.84	.80	.89	.83	.80	.86	.82	.79	.84	.81	.78	.83	.79	.77	.75
5.0	.84	.79	.74	.83	.78	.74	.82	.77	.73	.80	.76	.73	.78	.75	.72	.71
6.0	.80	.74	.70	.79	.73	.69	.77	.72	.69	.76	.72	.68	.75	.71	.68	.66
7.0	.75	.69	.65	.75	.69	.65	.73	.68	.65	.72	.68	.64	.71	.67	.64	.63
8.0	.71	.66	.62	.71	.65	.61	.70	.65	.61	.69	.64	.61	.68	.64	.61	.59
9.0	.68	.62	.58	.67	.62	.58	.66	.61	.58	.65	.61	.58	.65	.60	.57	.56
10.0	.64	.59	.55	.64	.59	.55	.63	.58	.55	.62	.58	.55	.62	.58	.55	.53

LAMPS

LUMINAIRE BUDGETARY DIAGRAM



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-15

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-10X2701-5000K RA90 60D WHITE

WEC AND CCEC

Test:U:240.4V I:0.1425A P:34.0W PF:0.9928 Freq:49.99Hz UTHDi:0.23% ITHDi:5.66% KDisp:0.9961 Lamp Flux:2823.24x1 lm		
NAME: HCP-10X2701-5000K RA90 60D 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	.186	.106	.033	.179	.102	.032	.166	.095	.030	.155	.089	.029	.144	.083	.027	
2.0	.175	.096	.029	.170	.093	.029	.159	.088	.027	.149	.084	.026	.140	.079	.025	
3.0	.165	.088	.026	.160	.086	.026	.151	.082	.025	.143	.078	.024	.135	.075	.023	
4.0	.155	.081	.024	.151	.079	.023	.143	.076	.023	.136	.073	.022	.129	.070	.021	
5.0	.147	.075	.022	.143	.074	.021	.136	.071	.021	.130	.069	.020	.124	.066	.020	
6.0	.139	.070	.020	.136	.069	.020	.130	.067	.019	.125	.065	.019	.119	.063	.019	
7.0	.132	.065	.019	.130	.065	.018	.124	.063	.018	.119	.061	.018	.115	.060	.018	
8.0	.126	.062	.017	.124	.061	.017	.119	.059	.017	.114	.058	.017	.110	.057	.017	
9.0	.120	.058	.016	.118	.058	.016	.114	.056	.016	.110	.055	.016	.106	.054	.016	
10.0	.115	.055	.015	.113	.055	.015	.109	.054	.015	.106	.053	.015	.103	.052	.015	

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	.134	.114	.097	.092	.079	.068	.053	.046	.040	.017	.015	.013	
3.0	.144	.114	.089	.124	.098	.077	.085	.068	.054	.049	.040	.032	.016	.013	.010	
4.0	.134	.099	.072	.115	.085	.063	.079	.060	.044	.046	.035	.026	.015	.011	.009	
5.0	.125	.087	.060	.107	.076	.052	.074	.053	.037	.043	.031	.022	.014	.010	.007	
6.0	.117	.078	.050	.101	.067	.043	.069	.047	.031	.040	.028	.018	.013	.009	.006	
7.0	.110	.070	.042	.095	.061	.037	.066	.043	.026	.038	.025	.016	.012	.008	.005	
8.0	.104	.064	.036	.090	.056	.032	.062	.039	.022	.036	.023	.013	.012	.008	.004	
9.0	.099	.059	.032	.085	.051	.028	.059	.036	.020	.034	.021	.012	.011	.007	.004	
10.0	.094	.054	.028	.081	.047	.024	.056	.033	.017	.033	.020	.010	.011	.006	.003	

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-15

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:240.4V I:0.1425A P:34.0W PF:0.9928 Freq:49.99Hz UTHDi:0.23% ITHDi:5.66% KDisp:0.9961 Lamp Flux:2823.24x1 lm		
NAME: HCP-10X2701-5000K RA90 60D 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	22.6	23.6	22.9	23.7	23.9	22.8	23.7	23.0	23.9	24.1
3H	23.5	24.4	23.8	24.6	24.8	23.7	24.6	23.9	24.8	25.0
4H	23.9	24.8	24.2	25.0	25.2	24.1	24.9	24.4	25.2	25.4
6H	24.3	25.1	24.6	25.3	25.5	24.5	25.2	24.8	25.5	25.7
8H	24.4	25.1	24.7	25.4	25.7	24.6	25.3	24.9	25.6	25.8
12H	24.5	25.2	24.8	25.5	25.7	24.7	25.4	25.0	25.6	25.9
4H 2H	22.9	23.7	23.2	24.0	24.2	23.1	23.9	23.3	24.1	24.3
3H	24.0	24.8	24.4	25.0	25.3	24.2	24.9	24.5	25.2	25.5
4H	24.6	25.3	25.0	25.6	25.9	24.8	25.4	25.1	25.7	26.0
6H	25.1	25.7	25.5	26.0	26.3	25.2	25.8	25.6	26.2	26.5
8H	25.3	25.8	25.7	26.1	26.5	25.4	26.0	25.8	26.3	26.7
12H	25.4	25.9	25.8	26.2	26.6	25.5	26.0	26.0	26.4	26.8
8H 4H	24.8	25.4	25.2	25.7	26.1	25.0	25.5	25.4	25.9	26.2
6H	25.4	25.9	25.9	26.3	26.7	25.6	26.0	26.0	26.4	26.8
8H	25.7	26.1	26.1	26.5	26.9	25.8	26.2	26.3	26.6	27.1
12H	25.9	26.2	26.3	26.6	27.1	26.0	26.4	26.5	26.8	27.3
12H 4H	24.8	25.3	25.2	25.7	26.1	25.0	25.5	25.4	25.8	26.2
6H	25.5	25.9	25.9	26.3	26.7	25.6	26.0	26.1	26.4	26.9
8H	25.8	26.1	26.2	26.6	27.0	25.9	26.3	26.4	26.7	27.2
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.4 / - 0.4					+ 0.4 / - 0.4				
1.5H	+ 0.6 / - 0.3					+ 0.8 / - 0.3				
2.0H	+ 0.3 / - 0.3					+ 0.3 / - 0.3				

CIE Pub.117, 2823 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 3.6)
Area: 0.0033 m2

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-15

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-10X2701-5000K RA90 60D WHITE

UTILIZATION FACTORS TABLE

Test:U:240.4V I:0.1425A P:34.0W PF:0.9928 Freq:49.99Hz UTHDi:0.23% ITHDi:5.66% KDisp:0.9961 Lamp Flux:2823.24x1 lm		
NAME: HCP-10X2701-5000K RA90 60D 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	85	79	75	85	78	74	84	78	74	71
0.80	93	86	82	92	86	82	91	86	82	78
1.00	97	91	87	96	91	87	95	91	87	82
1.25	101	96	92	100	95	92	98	94	91	86
1.50	104	99	95	103	98	95	101	97	94	89
2.00	107	103	99	106	102	98	103	100	97	91
2.50	109	105	102	108	104	101	104	101	99	93
3.00	111	107	104	109	106	103	106	103	101	94
4.00	113	110	108	111	108	106	107	105	104	96
5.00	114	112	110	112	110	108	108	107	105	98
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended					SHRNOM = 1.25	

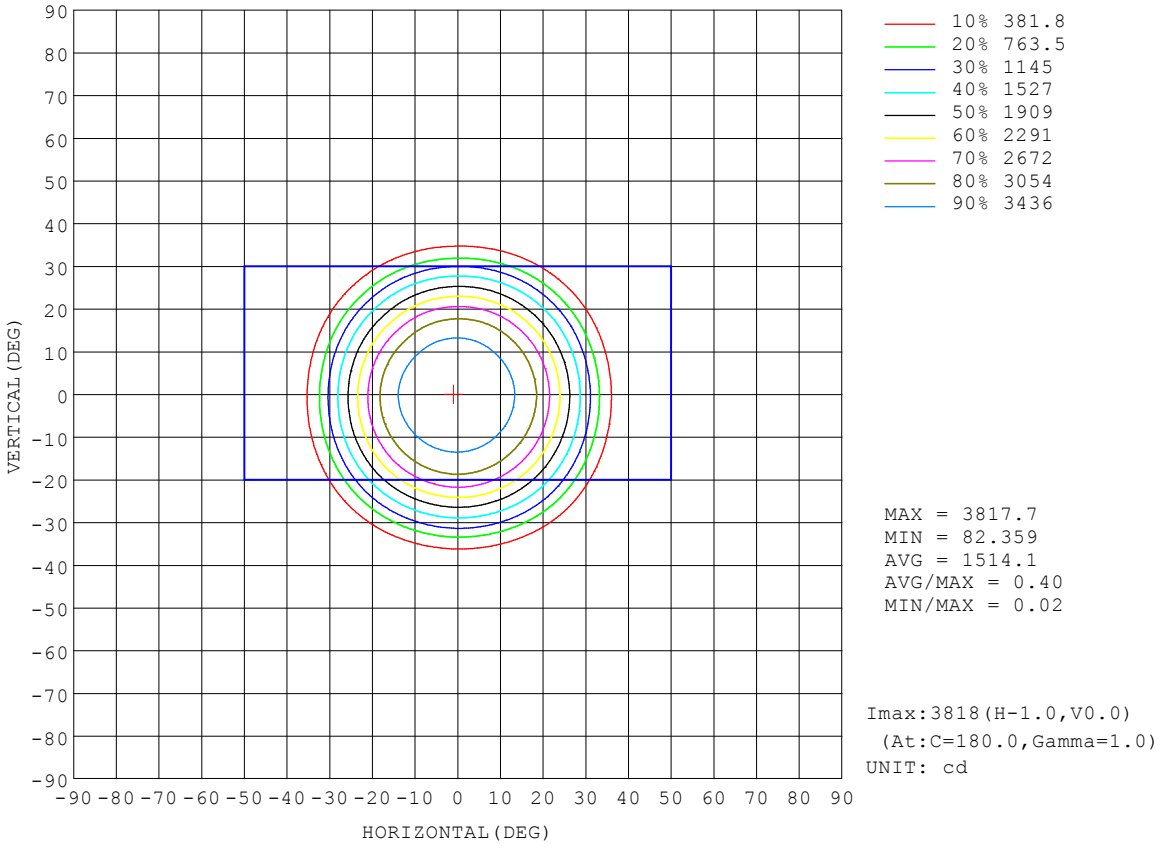
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-15

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-10X2701-5000K RA90 60D WHITE

ISOCANDELA DIAGRAM

Test:U:240.4V I:0.1425A P:34.0W PF:0.9928 Freq:49.99Hz UTHDi:0.23% ITHDi:5.66% KDisp:0.9961 Lamp Flux:2823.24x1 lm		
NAME: HCP-10X2701-5000K RA90 60D 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:2023-11-15

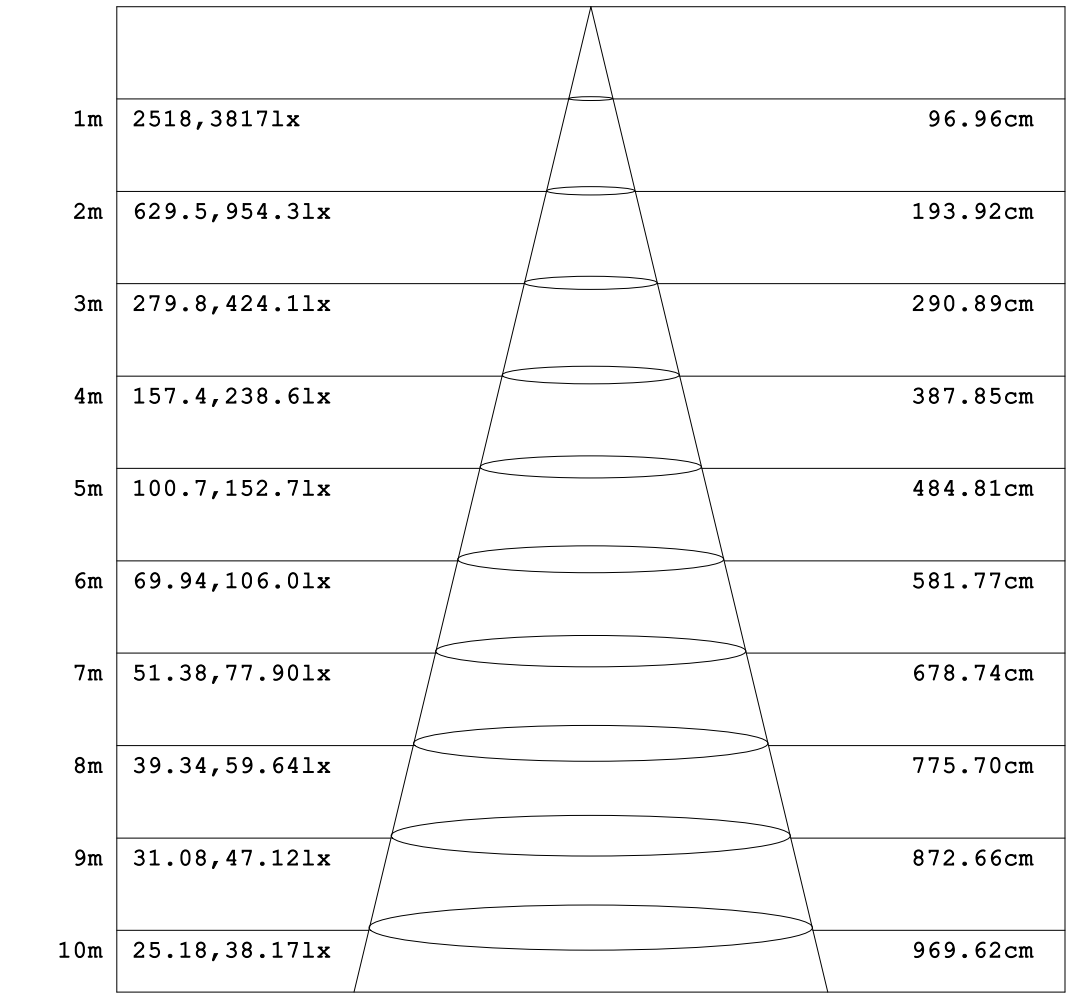
γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks:

Photometric Filename: HCP-10X2701-5000K RA90 60D WHITE

AAI Figure

Test:U:240.4V I:0.1425A P:34.0W PF:0.9928 Freq:49.99Hz UTHDi:0.23% ITHDi:5.66% KDisp:0.9961 Lamp Flux:2823.24x1 lm		
NAME: HCP-10X2701-5000K RA90 60D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

Flux out:1882 lm



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

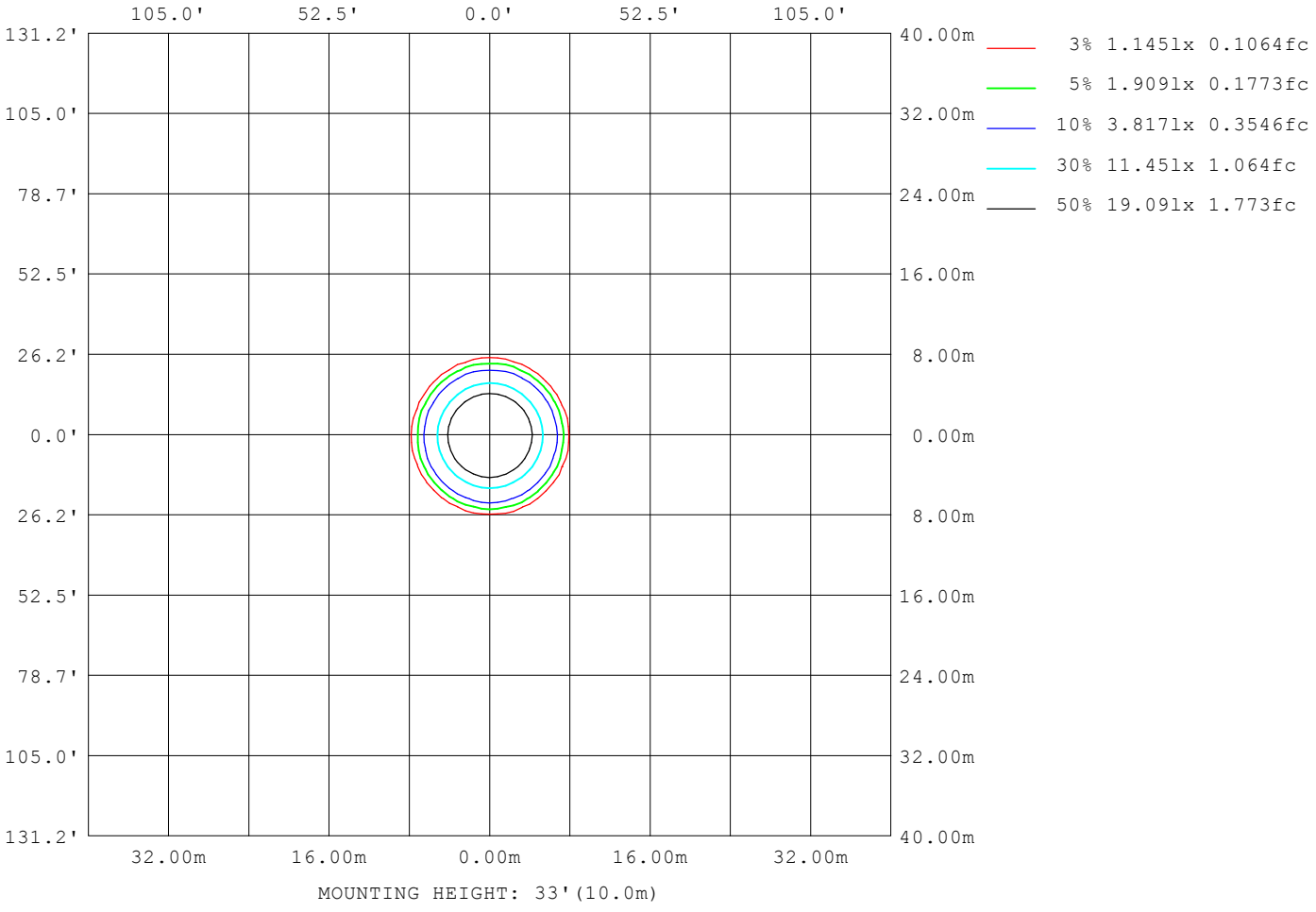
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-15

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-10X2701-5000K RA90 60D WHITE

ISOLUX DIAGRAM

Test:U:240.4V I:0.1425A P:34.0W PF:0.9928 Freq:49.99Hz **UTHDi:0.23% ITHDi:5.66% KDisp:0.9961 Lamp Flux:2823.24x1 lm**		
NAME: HCP-10X2701-5000K RA90 60D 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:2023-11-15

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:240.4V I:0.1425A P:34.0W PF:0.9928 Freq:49.99Hz UTHDi:0.23% ITHDi:5.66% KDisp:0.9961 Lamp Flux:2823.24x1 lm		
NAME: HCP-10X2701-5000K RA90 60D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.: 65mm	Shielding Angle:

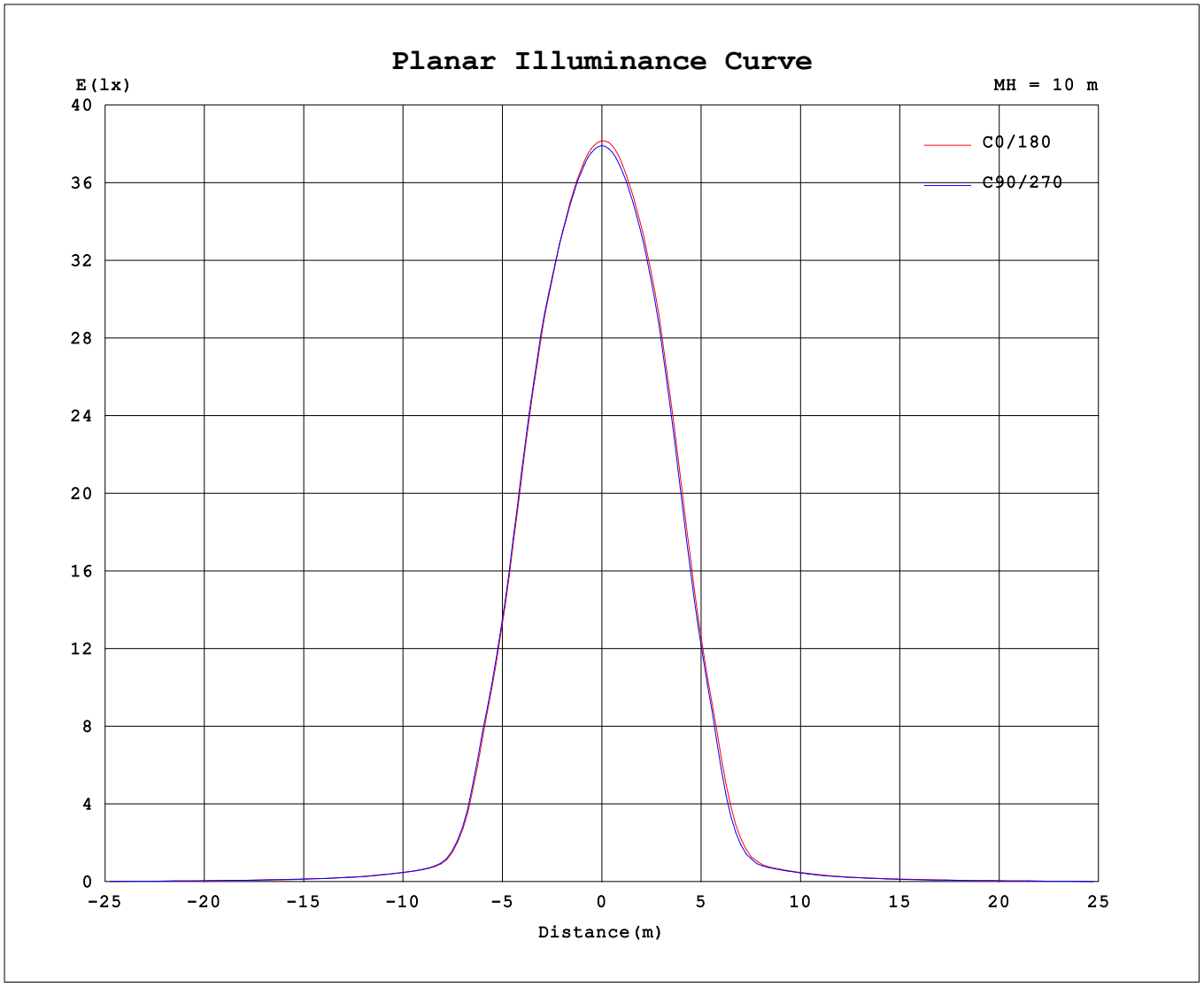
AvgL	cd/m2
L_0~180(65)av	44236
L_0~180(75)av	39029
L_0~180(85)av	28300
L_90~270(65)av	44074
L_90~270(75)av	38928
L_90~270(85)av	28614
L_45(65)av	44130
L_45(75)av	38956
L_45(85)av	28360

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-15

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:2023-11-15

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-10X2701-5000K RA90 60D WHITE

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:240.4V I:0.1425A P:34.0W PF:0.9928 Freq:49.99Hz UTHDi:0.23% ITHDi:5.66% KDisp:0.9961 Lamp Flux:2823.24x1 lm		
NAME: HCP-10X2701-5000K RA90 60D 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	3799	3799	3799	3799	3799	3799	3799	3799
5	3736	3739	3742	3751	3758	3755	3744	3736
10	3576	3587	3591	3603	3608	3602	3595	3584
15	3328	3334	3366	3376	3355	3311	3328	3328
20	2867	2878	2922	2889	2817	2742	2766	2814
25	2103	2139	2153	2118	2016	1926	1955	2014
30	1333	1381	1375	1323	1215	1130	1135	1234
35	491	545	519	472	406	359	351	403
40	176	183	184	181	174	170	165	169
45	136	140	139	140	138	132	132	133
50	106	110	109	109	107	103	102	103
55	86.9	88.8	89.4	89.5	88.4	85.6	84.7	84.7
60	72.8	75.0	75.4	75.7	74.3	72.0	71.2	71.2
65	62.1	64.2	64.5	63.7	61.3	58.6	58.4	59.6
70	48.5	50.5	50.3	49.0	46.2	43.8	43.9	45.7
75	34.8	36.7	36.3	34.5	31.9	29.9	30.2	32.0
80	21.6	23.3	22.7	20.9	18.6	17.0	17.6	19.2
85	9.53	10.7	10.2	8.61	6.75	5.70	6.23	7.59
90	0.19	0.16	0.18	0.17	0.20	0.21	0.22	0.19

C Range: 0 - 360DEG
C Interval: 45.0DEG
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Test Date:2023-11-15

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-10X2701-5000K 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	3799	3799	3799	3799	3799	3799	3799	3799
3.0	3774	3773	3777	3784	3789	3785	3780	3774
6.0	3710	3714	3717	3727	3734	3732	3722	3711
9.0	3616	3626	3626	3637	3644	3641	3631	3622
12.0	3489	3500	3514	3528	3526	3507	3508	3497
15.0	3328	3334	3366	3376	3355	3311	3328	3328
18.0	3088	3093	3136	3119	3065	2999	3026	3057
21.0	2741	2752	2786	2762	2668	2590	2608	2666
24.0	2274	2304	2324	2280	2186	2097	2116	2190
27.0	1782	1811	1826	1783	1683	1621	1635	1700
30.0	1333	1381	1375	1323	1215	1130	1135	1234
33.0	798.3	864.0	848.9	756.2	658.8	583.8	573.4	661.7
36.0	380.2	420.5	402.9	367.0	313.4	284.1	270.6	316.2
39.0	195.5	220.6	207.8	199.5	186.7	181.4	175.8	182.5
42.0	154.6	159.1	159.3	160.1	157.2	152.7	149.7	150.9
45.0	135.9	140.0	139.3	140.3	137.7	132.0	131.8	132.9
48.0	119.8	123.9	122.6	121.4	117.7	112.1	112.1	114.3
51.0	101.5	105.0	104.5	104.7	103.0	98.69	98.29	98.56
54.0	90.34	92.50	92.89	92.74	91.69	88.68	87.64	87.73
57.0	80.85	82.83	83.49	83.69	82.45	79.72	78.99	79.03
60.0	72.75	74.99	75.37	75.67	74.25	71.96	71.21	71.23
63.0	66.77	68.64	69.35	69.39	67.60	64.77	64.46	65.17
66.0	59.38	61.48	61.59	60.70	58.26	55.62	55.49	56.80
69.0	51.23	53.22	53.14	51.89	49.23	46.70	46.78	48.44
72.0	43.01	44.95	44.66	43.11	40.36	38.07	38.32	40.12
75.0	34.80	36.73	36.28	34.51	31.87	29.85	30.22	31.99
78.0	26.78	28.57	28.02	26.22	23.76	22.01	22.46	24.18
81.0	19.08	20.70	20.08	18.28	16.10	14.61	15.16	16.73
84.0	11.78	13.14	12.57	10.91	8.967	7.822	8.346	9.795
87.0	5.146	6.167	5.679	4.192	2.574	1.680	2.202	3.453
90.0	0.1866	0.1612	0.1818	0.1681	0.2005	0.2052	0.2169	0.1926

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: