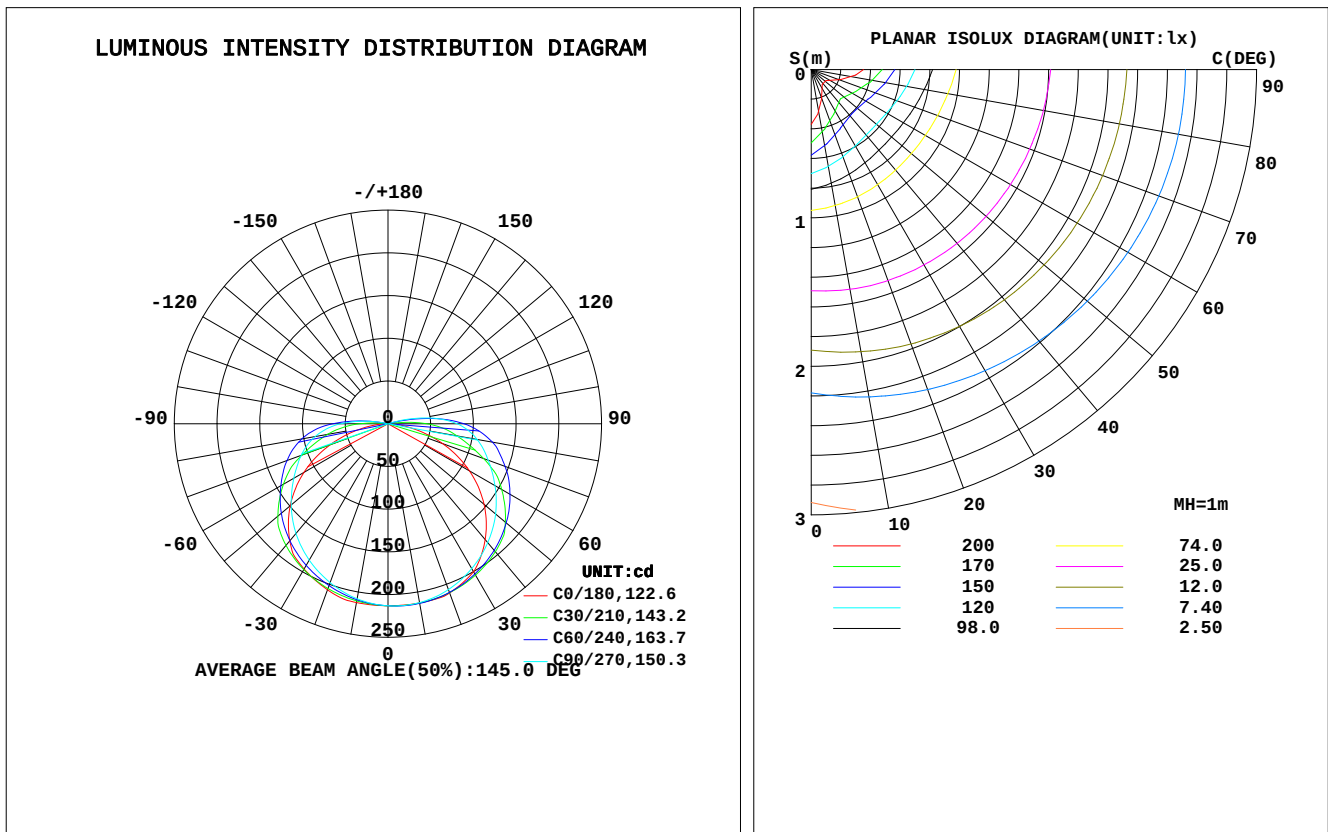


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:23.954V I:0.4463A P:10.692W PF:1.0000 Freq:0Hz Lamp Flux:908.584x1 lm		
NAME: HCP-3221113	TYPE:	WEIGHT:/
SPEC.:	DIM.: 100cm*1.2cm	SERIAL No.:
MFR.: HAVIT COMMERCIAL	SUR.:100cm*0.4cm	Shielding Angle:-

DATA OF LAMP		PHOTOMETRIC DATA Eff: 84.98 lm/W			
MODEL	HCP-3221113	I _{max} (cd)	213.8	S/MH(C0/180)	1.38
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	1.29
RATED VOLTAGE(V)	DC 24	TOTAL FLUX(lm)	908.58	η UP, DN(C0-180)	3.0, 49.7
NOMINAL FLUX(lm)	908.584	CIE CLASS	DIRECT	η UP, DN(C180-360)	1.7, 45.5
LAMPS INSIDE	1	η up(%)	4.8	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	DC 24	η down(%)	95.2	CIBSE SHR MAX	1.55



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YOUNG
Test Date:2021-03-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-SPEX500_V1 SYSTEM V2.00.421
Humidity:50.8%
Test Distance:3.160m [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	212.9	213.3	212.6	213.2	212.5	209.9	208.1	210.0	0- 10	20.27	20.27	2.23, 2.23
20	210.8	210.3	206.6	210.0	206.9	203.5	197.9	203.7	10- 20	59.27	79.54	8.75, 8.75
30	200.2	203.9	195.8	203.7	196.3	194.3	184.3	194.5	20- 30	93.38	172.9	19, 19
40	177.0	194.5	181.7	194.3	178.9	182.2	167.6	182.3	30- 40	119.7	292.7	32.2, 32.2
50	146.8	180.0	164.4	181.4	149.4	165.7	147.9	164.1	40- 50	135.2	427.8	47.1, 47.1
60	110.0	159.3	144.6	160.6	113.4	143.0	127.3	141.3	50- 60	137.0	564.9	62.2, 62.2
70	68.03	132.5	124.8	133.8	72.04	116.5	108.2	113.8	60- 70	125.8	690.7	76, 76
80	25.83	103.1	106.0	104.9	29.71	87.13	86.70	84.03	70- 80	102.7	793.4	87.3, 87.3
90	0.7135	67.40	80.91	69.78	1.872	49.01	55.36	44.19	80- 90	72.05	865.4	95.2, 95.2
100	0.5783	17.34	39.22	18.90	0.6735	6.305	13.39	4.718	90-100	32.82	898.2	98.9, 98.9
110	0.8302	1.196	1.343	1.138	0.8535	1.174	1.066	1.252	100-110	4.716	903.0	99.4, 99.4
120	1.083	1.232	1.051	1.216	0.9991	1.348	1.161	1.349	110-120	1.129	904.1	99.5, 99.5
130	1.249	1.404	1.155	1.404	1.140	1.536	1.278	1.525	120-130	1.153	905.2	99.6, 99.6
140	1.321	1.522	1.245	1.542	1.255	1.656	1.357	1.635	130-140	1.104	906.4	99.8, 99.8
150	1.277	1.563	1.283	1.602	1.286	1.700	1.379	1.663	140-150	0.9395	907.3	99.9, 99.9
160	1.290	1.580	1.282	1.636	1.300	1.713	1.364	1.659	150-160	0.6992	908.0	99.9, 99.9
170	1.371	1.672	1.368	1.719	1.382	1.771	1.421	1.720	160-170	0.4362	908.4	100, 100
180	1.520	1.890	1.519	1.883	1.515	1.889	1.517	1.883	170-180	0.1570	908.6	100, 100
DEG	LUMINOUS INTENSITY:cd									UNIT: lm		

Conical surface Flux(90deg): 359.11 lm

%lum = 39.5%

%lamp = 39.5%

Conical surface Flux(120deg): 564.85 lm

%lum = 62.2%

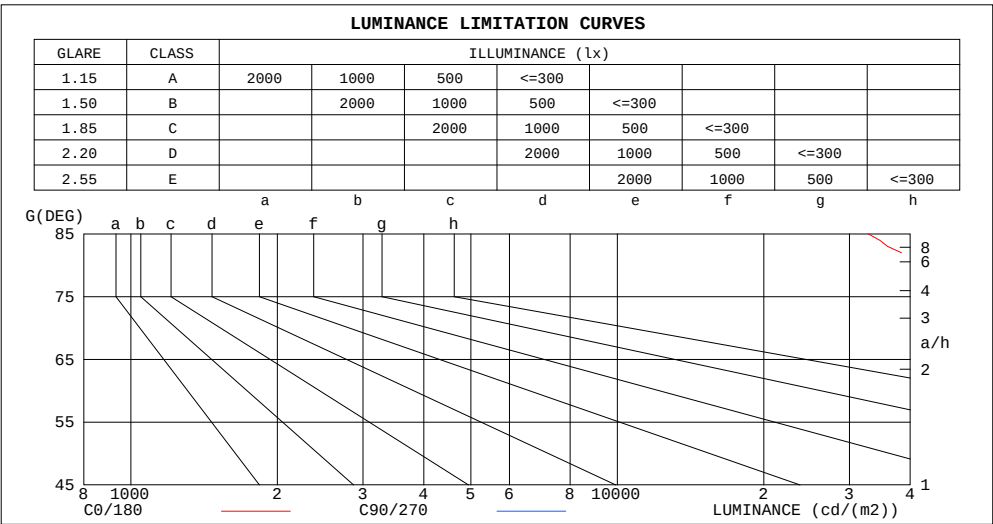
%lamp = 62.2%

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: YOUNG
Test Date: 2021-03-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE G0-SPEX500_V1 SYSTEM V2.00.421
Humidity: 50.8%
Test Distance: 3.160m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:23.954V I:0.4463A P:10.692W PF:1.0000 Freq:0Hz Lamp Flux:908.584x1 lm		
NAME: HCP-3221113	TYPE:	WEIGHT:/
SPEC.:	DIM.: 100cm*1.2cm	SERIAL No.:
MFR.: HAVIT COMMERCIAL	SUR.:100cm*0.4cm	Shielding Angle:-



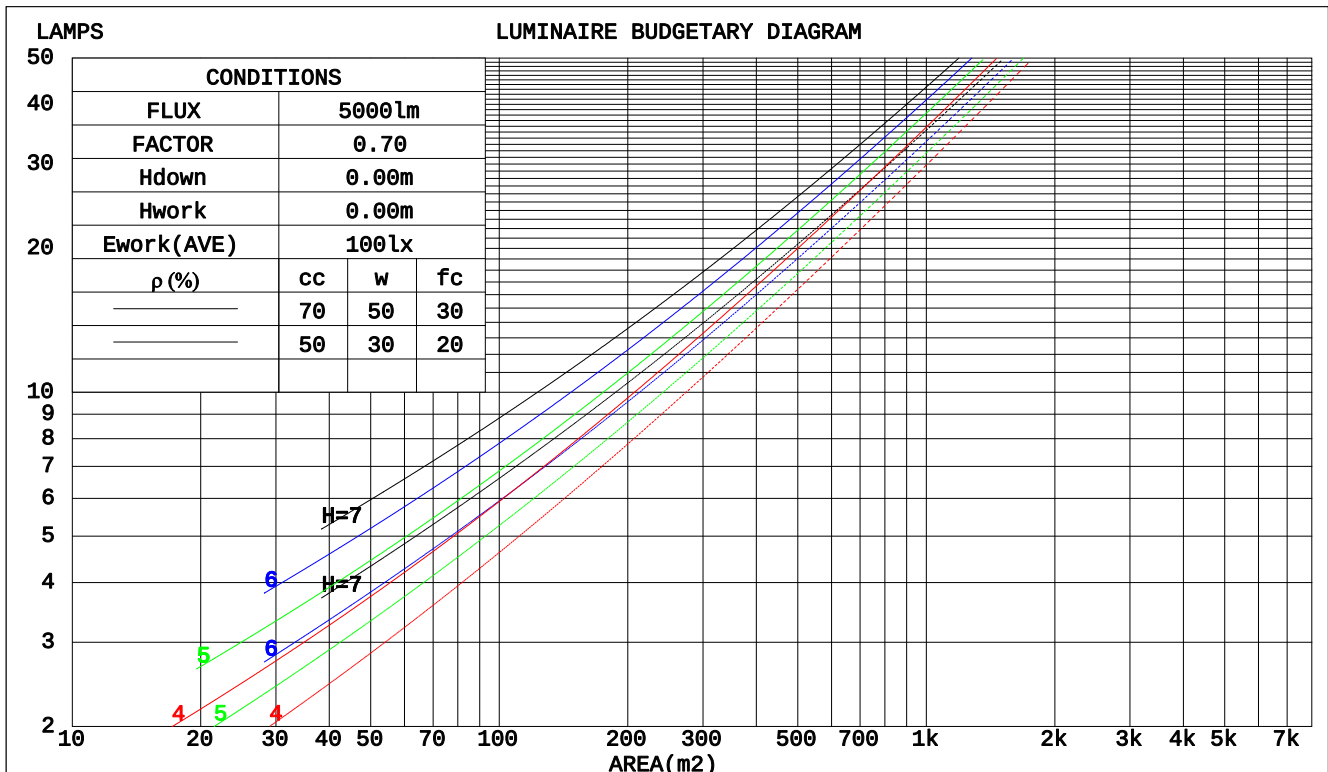
LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	32793	313677
80	42902	175832
75	51630	128779
70	57365	105136
65	61091	91701
60	63450	83287
55	64962	77685
50	65868	73680
45	66377	70640

C Range: 0 - 360DEG	γ Range: 0 - 180DEG
C Interval: 30.0DEG	γ Interval: 1.0DEG
Test Speed: HIGH	Test System:EVERFINE G0-SPEX500_V1 SYSTEM V2.00.421
Temperature:25.3DEG	Humidity:50.8%
Operators:YOUNG	Test Distance:3.160m [K=1.0000]
Test Date:2021-03-29	Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:23.954V I:0.4463A P:10.692W PF:1.0000 Freq:0Hz Lamp Flux:908.584x1 lm		
NAME: HCP-3221113	TYPE:	WEIGHT:/
SPEC.:	DIM.: 100cm*1.2cm	SERIAL No.:
MFR.: HAVIT COMMERCIAL	SUR.:100cm*0.4cm	Shielding Angle:-

ρ_{CC}	80%			70%			50%			30%			10%			0
ρ_W	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio															



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YOUNG
Test Date:2021-03-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE G0-SPEX500_V1 SYSTEM V2.00.421
Humidity:50.8%
Test Distance:3.160m [K=1.0000]
Remarks:

IES Flood Report

Photometric Filename: HCP-3221113

WEC AND CCEC

Test:U:23.954V I:0.4463A P:10.692W PF:1.0000 Freq:0Hz Lamp Flux:908.584x1 lm		
NAME: HCP-3221113	TYPE:	WEIGHT:/
SPEC.:	DIM.: 100cm*1.2cm	SERIAL No.:
MFR.: HAVIT COMMERCIAL	SUR.:100cm*0.4cm	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	.402	.229	.072	.394	.224	.071	.377	.216	.069	.362	.209	.067	.348	.202	.065		
2.0	.349	.191	.059	.341	.188	.058	.327	.182	.056	.313	.176	.055	.300	.170	.054		
3.0	.310	.165	.049	.303	.162	.049	.290	.157	.048	.278	.152	.047	.266	.147	.046		
4.0	.278	.145	.043	.272	.142	.042	.260	.138	.041	.250	.134	.040	.239	.130	.040		
5.0	.253	.129	.037	.247	.127	.037	.236	.123	.036	.227	.120	.036	.217	.116	.035		
6.0	.231	.116	.033	.226	.114	.033	.217	.111	.032	.208	.108	.032	.199	.105	.031		
7.0	.213	.105	.030	.208	.104	.030	.200	.101	.029	.192	.098	.029	.184	.096	.028		
8.0	.197	.096	.027	.193	.095	.027	.185	.093	.026	.178	.090	.026	.171	.088	.026		
9.0	.183	.089	.025	.180	.088	.025	.173	.085	.024	.166	.083	.024	.160	.081	.023		
10.0	.171	.082	.023	.168	.081	.023	.162	.079	.022	.156	.077	.022	.150	.075	.022		

ρ _{CC}	80%			70%			50%			30%			10%			0
ρ _W	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ _{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.227	.227	.227	.194	.194	.194	.132	.132	.132	.076	.076	.076	.024	.024	.024	
1.0	.223	.192	.164	.191	.165	.141	.131	.113	.097	.075	.066	.057	.024	.021	.018	
2.0	.217	.168	.128	.186	.145	.110	.127	.100	.077	.073	.058	.045	.024	.019	.015	
3.0	.209	.151	.106	.179	.131	.092	.123	.091	.064	.071	.053	.038	.023	.017	.012	
4.0	.201	.139	.091	.173	.120	.079	.119	.084	.056	.069	.049	.033	.022	.016	.011	
5.0	.193	.129	.081	.166	.111	.071	.114	.078	.050	.066	.046	.030	.021	.015	.010	
6.0	.185	.121	.074	.159	.104	.064	.110	.073	.046	.064	.043	.027	.021	.014	.009	
7.0	.178	.114	.069	.153	.099	.060	.106	.069	.042	.061	.041	.025	.020	.013	.008	
8.0	.171	.108	.065	.147	.094	.056	.102	.066	.040	.059	.039	.024	.019	.013	.008	
9.0	.165	.103	.062	.142	.090	.054	.098	.063	.038	.057	.037	.023	.019	.012	.008	
10.0	.158	.099	.059	.137	.086	.052	.095	.060	.037	.055	.036	.022	.018	.012	.007	

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:YOUNG
 Test Date:2021-03-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE G0-SPEX500_V1 SYSTEM V2.00.421
 Humidity:50.8%
 Test Distance:3.160m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:23.954V I:0.4463A P:10.692W PF:1.0000 Freq:0Hz Lamp Flux:908.584x1 lm											
NAME: HCP-3221113					TYPE:			WEIGHT:/			
SPEC.:					DIM.: 100cm*1.2cm			SERIAL No.:			
MFR.: HAVIT COMMERCIAL					SUR.:100cm*0.4cm			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	27.1	28.7	27.5	29.0	29.4	28.0	29.6	28.3	29.9	30.2	
	3H	28.9	30.4	29.3	30.7	31.1	30.7	32.2	31.1	32.5	32.9
	4H	29.6	31.0	30.0	31.3	31.7	32.2	33.6	32.6	34.0	34.3
	6H	30.0	31.4	30.5	31.8	32.2	33.8	35.2	34.2	35.5	35.9
	8H	30.2	31.5	30.6	31.9	32.3	34.7	36.0	35.1	36.4	36.8
	12H	30.2	31.5	30.7	31.9	32.3	35.7	37.0	36.1	37.4	37.8
4H	2H	28.1	29.5	28.5	29.9	30.3	28.7	30.2	29.1	30.5	30.9
	3H	30.2	31.4	30.6	31.8	32.2	31.7	32.9	32.1	33.3	33.7
	4H	31.1	32.2	31.5	32.6	33.1	33.3	34.5	33.8	34.9	35.4
	6H	31.8	32.8	32.2	33.3	33.7	35.2	36.2	35.7	36.7	37.2
	8H	32.0	33.0	32.5	33.5	34.0	36.2	37.2	36.7	37.6	38.1
	12H	32.2	33.1	32.7	33.6	34.1	37.3	38.2	37.8	38.7	39.2
8H	4H	32.0	33.0	32.5	33.4	33.9	33.8	34.8	34.3	35.3	35.8
	6H	33.1	33.9	33.6	34.4	34.9	36.0	36.8	36.5	37.3	37.8
	8H	33.6	34.3	34.1	34.8	35.4	37.2	37.9	37.7	38.5	39.0
	12H	33.9	34.6	34.5	35.1	35.7	38.6	39.2	39.1	39.8	40.4
12H	4H	32.3	33.2	32.8	33.7	34.2	33.9	34.8	34.4	35.3	35.8
	6H	33.6	34.3	34.1	34.8	35.4	36.1	36.9	36.7	37.4	38.0
	8H	34.2	34.9	34.8	35.4	36.0	37.5	38.1	38.0	38.7	39.3
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.2					
2.0H	+ 0.3 / - 0.4					+ 0.2 / - 0.3					

CIE Pub.117, 908.6 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -0.3)
Area: 0.004 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YOUNG
Test Date:2021-03-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-SPEX500_V1 SYSTEM V2.00.421
Humidity:50.8%
Test Distance:3.160m [K=1.0000]
Remarks:

IES Flood Report

Photometric Filename: HCP-3221113

UTILIZATION FACTORS TABLE

Test:U:23.954V I:0.4463A P:10.692W PF:1.0000 Freq:0Hz Lamp Flux:908.584x1 lm		
NAME: HCP-3221113	TYPE:	WEIGHT:/
SPEC.:	DIM.: 100cm*1.2cm	SERIAL No.:
MFR.: HAVIT COMMERCIAL	SUR.:100cm*0.4cm	Shielding Angle:-

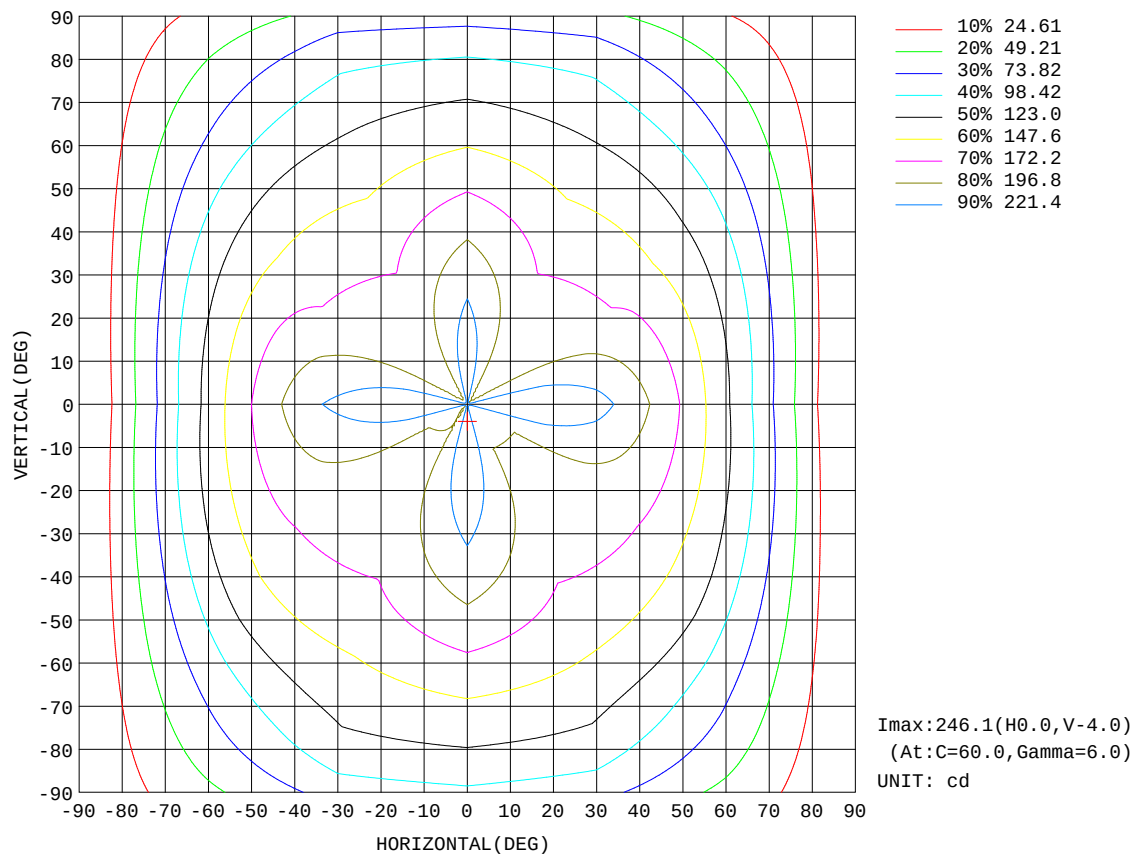
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	50	38	30	50	38	30	48	37	30	23
0.80	60	47	39	59	46	38	57	45	38	30
1.00	68	55	46	66	54	46	64	56	46	37
1.25	75	62	54	73	61	53	70	60	52	44
1.50	80	68	59	78	67	59	74	65	58	49
2.00	87	76	68	85	75	67	81	72	66	56
2.50	92	82	74	89	80	73	85	77	71	61
3.00	96	86	79	93	85	78	88	81	76	65
4.00	100	93	86	97	90	85	92	87	82	71
5.00	103	97	91	100	94	89	95	90	86	74
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:YOUNG
 Test Date:2021-03-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE G0-SPEX500_V1 SYSTEM V2.00.421
 Humidity:50.8%
 Test Distance:3.160m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:23.954V I:0.4463A P:10.692W PF:1.0000 Freq:0Hz Lamp Flux:908.584x1 lm		
NAME: HCP-3221113	TYPE:	WEIGHT:/
SPEC.:	DIM.: 100cm*1.2cm	SERIAL No.:
MFR.: HAVIT COMMERCIAL	SUR.:100cm*0.4cm	Shielding Angle:-

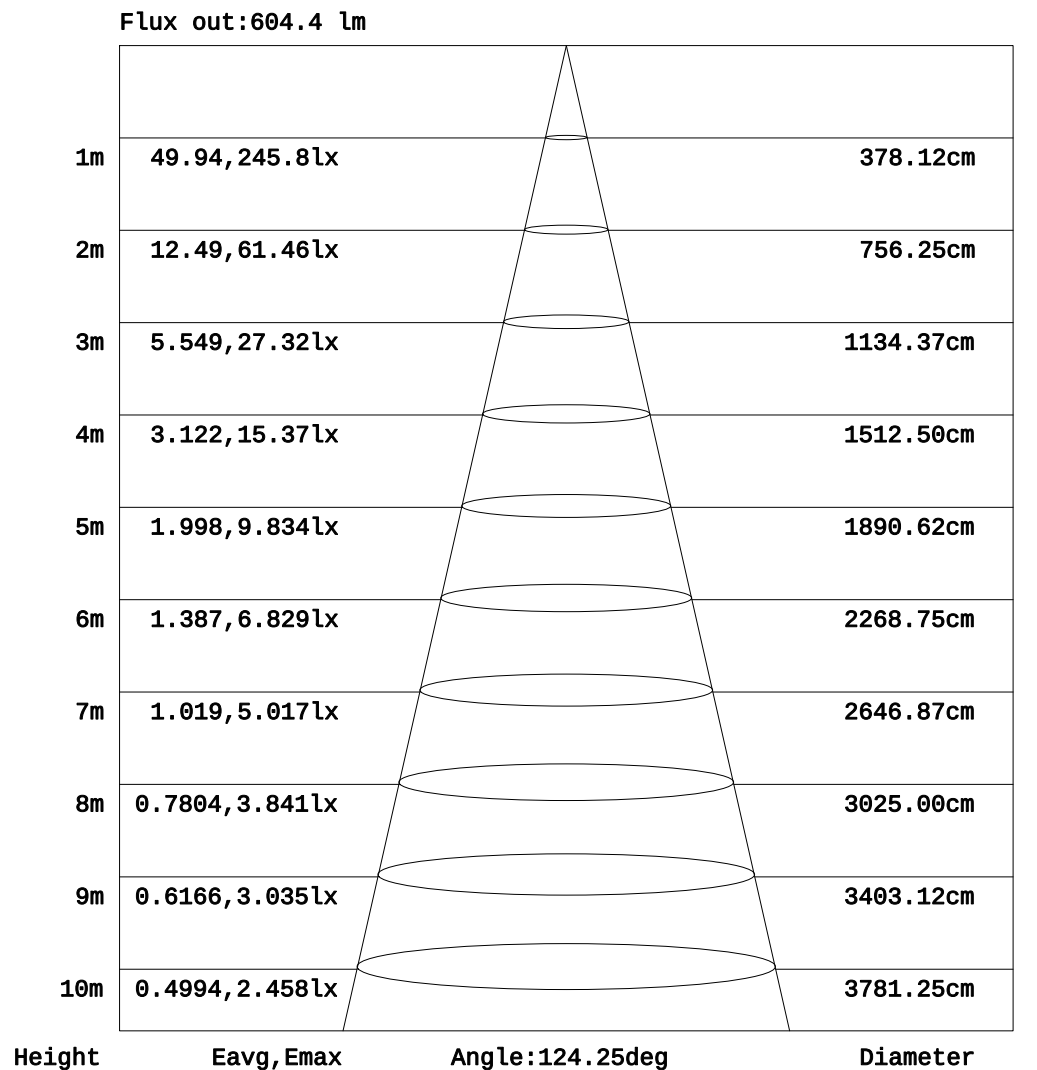


C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:YOUNG
 Test Date:2021-03-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE G0-SPEX500_V1 SYSTEM V2.00.421
 Humidity:50.8%
 Test Distance:3.160m [K=1.0000]
 Remarks:

AAI Figure

Test:U:23.954V I:0.4463A P:10.692W PF:1.0000 Freq:0Hz Lamp Flux:908.584x1 lm		
NAME: HCP-3221113	TYPE:	WEIGHT:/
SPEC.:	DIM.: 100cm*1.2cm	SERIAL No.:
MFR.: HAVIT COMMERCIAL	SUR.:100cm*0.4cm	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: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:YOUNG
 Test Date:2021-03-29

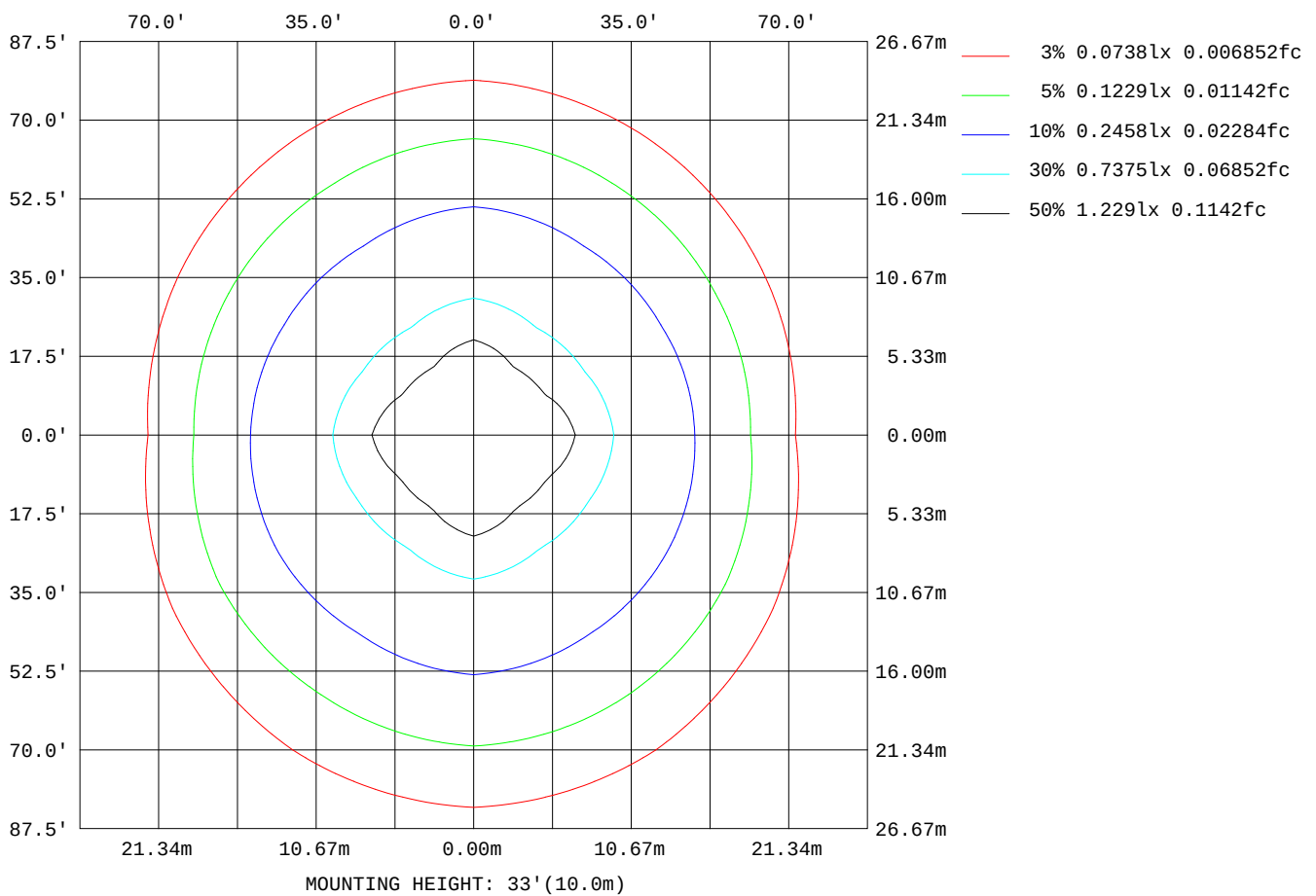
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE G0-SPEX500_V1 SYSTEM V2.00.421
 Humidity:50.8%
 Test Distance:3.160m [K=1.0000]
 Remarks:

IES Flood Report

Photometric Filename: HCP-3221113

ISOLUX DIAGRAM

Test:U:23.954V I:0.4463A P:10.692W PF:1.0000 Freq:0Hz Lamp Flux:908.584x1 lm		
NAME: HCP-3221113	TYPE:	WEIGHT:/
SPEC.:	DIM.: 100cm*1.2cm	SERIAL No.:
MFR.: HAVIT COMMERCIAL	SUR.:100cm*0.4cm	Shielding Angle:-



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:YOUNG
 Test Date:2021-03-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE G0-SPEX500_V1 SYSTEM V2.00.421
 Humidity:50.8%
 Test Distance:3.160m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:23.954V I:0.4463A P:10.692W PF:1.0000 Freq:0Hz Lamp Flux:908.584x1 lm		
NAME: HCP-3221113	TYPE:	WEIGHT:/
SPEC.:	DIM.: 100cm*1.2cm	SERIAL No.:
MFR.: HAVIT COMMERCIAL	SUR.:100cm*0.4cm	Shielding Angle:-

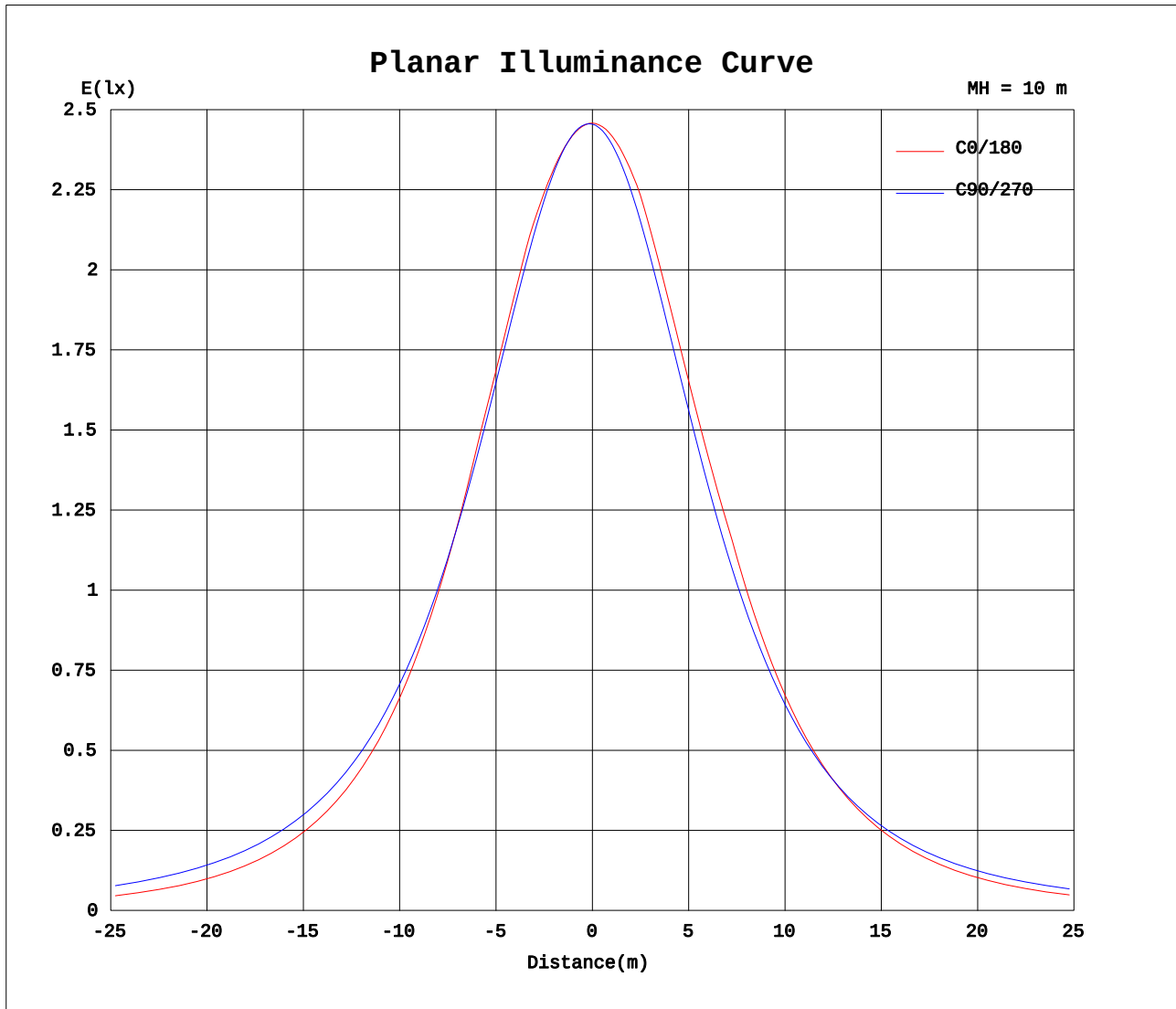
AvgL	cd/m2
L_0~180(65)av	54057
L_0~180(75)av	46747
L_0~180(85)av	32536
L_90~270(65)av	74538
L_90~270(75)av	103289
L_90~270(85)av	240331
L_45(65)av	85059
L_45(75)av	110458
L_45(85)av	238235

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YOUNG
Test Date:2021-03-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-SPEX500_V1 SYSTEM V2.00.421
Humidity:50.8%
Test Distance:3.160m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: YOUNG
Test Date: 2021-03-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE G0-SPEX500_V1 SYSTEM V2.00.421
Humidity: 50.8%
Test Distance: 3.160m [K=1.0000]
Remarks:

IES Flood Report

Photometric Filename: HCP-3221113

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:23.954V I:0.4463A P:10.692W PF:1.0000 Freq:0Hz Lamp Flux:908.584x1 lm		
NAME: HCP-3221113	TYPE:	WEIGHT:/
SPEC.:	DIM.: 100cm*1.2cm	SERIAL No.:
MFR.: HAVIT COMMERCIAL	SUR.:100cm*0.4cm	Shielding Angle:-

Table--1

UNIT: cd

C(DEC) γ (DEC)	0	30	60	90	120	150	180	210	240	270	300	330						
0	213	213	213	213	213	213	213	213	213	213	213	213						
5	213	213	214	214	214	213	213	212	212	211	212	212						
10	213	213	213	213	213	213	212	211	209	208	209	211						
15	213	212	212	210	212	212	211	208	206	204	206	208						
20	211	210	210	207	210	210	207	205	202	198	202	205						
25	206	208	207	202	207	208	202	202	197	191	197	202						
30	200	205	203	196	203	205	196	197	191	184	192	197						
35	190	201	199	189	198	201	190	192	185	176	186	192						
40	177	196	193	182	193	196	179	186	179	168	179	186						
45	163	190	187	173	187	190	165	179	171	158	172	177						
50	147	179	181	164	180	183	149	168	163	148	163	165						
55	129	167	173	155	172	171	132	155	154	137	154	152						
60	110	154	165	145	164	157	113	141	145	127	145	138						
65	89.5	140	156	135	155	142	93.2	127	136	117	135	123						
70	68.0	119	146	125	146	121	72.0	107	126	108	124	104						
75	46.3	99.4	135	116	137	101	50.5	88.5	115	98.1	113	84.6						
80	25.8	82.2	124	106	126	83.3	29.7	71.9	102	86.7	100	67.8						
85	9.91	65.8	108	94.9	111	66.9	12.8	53.9	86.5	72.7	83.3	49.1						
90	0.71	45.8	89.1	80.9	92.0	47.6	1.87	33.3	64.7	55.4	60.6	27.8						
95	0.53	21.3	63.9	62.7	67.3	24.3	0.69	10.73	37.7	34.3	33.9	6.20						
100	0.58	1.69	33.0	39.2	35.8	2.06	0.67	1.45	11.2	13.4	8.27	1.18						
105	0.69	1.11	5.17	14.8	6.83	0.87	0.74	1.09	1.41	1.21	1.54	1.12						
110	0.83	1.13	1.27	1.34	1.34	0.93	0.85	1.05	1.29	1.07	1.31	1.19						
115	0.96	1.06	1.24	1.03	1.24	1.03	0.95	1.17	1.34	1.10	1.33	1.20						
120	1.08	1.18	1.28	1.05	1.28	1.15	1.00	1.29	1.41	1.16	1.41	1.29						
125	1.18	1.29	1.35	1.10	1.35	1.27	1.05	1.40	1.50	1.22	1.49	1.40						
130	1.25	1.38	1.42	1.15	1.43	1.38	1.14	1.50	1.57	1.28	1.56	1.49						
135	1.30	1.46	1.49	1.21	1.50	1.46	1.21	1.57	1.64	1.32	1.62	1.56						
140	1.32	1.51	1.54	1.25	1.56	1.52	1.25	1.63	1.69	1.36	1.67	1.60						
145	1.27	1.53	1.57	1.27	1.60	1.56	1.28	1.66	1.72	1.37	1.69	1.63						
150	1.28	1.54	1.58	1.28	1.62	1.58	1.29	1.67	1.73	1.38	1.70	1.63						
155	1.28	1.55	1.59	1.28	1.63	1.61	1.28	1.68	1.73	1.37	1.69	1.62						
160	1.29	1.57	1.59	1.28	1.64	1.63	1.30	1.70	1.72	1.36	1.68	1.63						
165	1.31	1.60	1.62	1.29	1.67	1.66	1.33	1.72	1.74	1.36	1.69	1.65						
170	1.37	1.67	1.67	1.37	1.71	1.73	1.38	1.77	1.77	1.42	1.73	1.71						
175	1.45	1.79	1.78	1.44	1.79	1.82	1.45	1.85	1.83	1.47	1.80	1.81						
180	1.52	1.90	1.88	1.52	1.88	1.89	1.51	1.90	1.88	1.52	1.87	1.89						

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YOUNG
Test Date:2021-03-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-SPEX500_V1 SYSTEM V2.00.421
Humidity:50.8%
Test Distance:3.160m [K=1.0000]
Remarks: