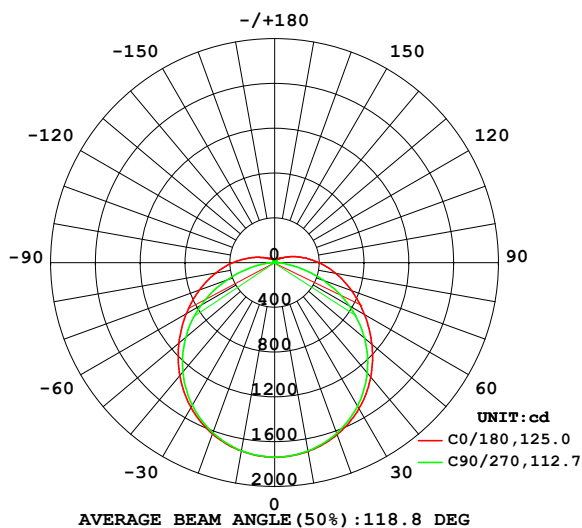


## LUMINAIRE PHOTOMETRIC TEST REPORT

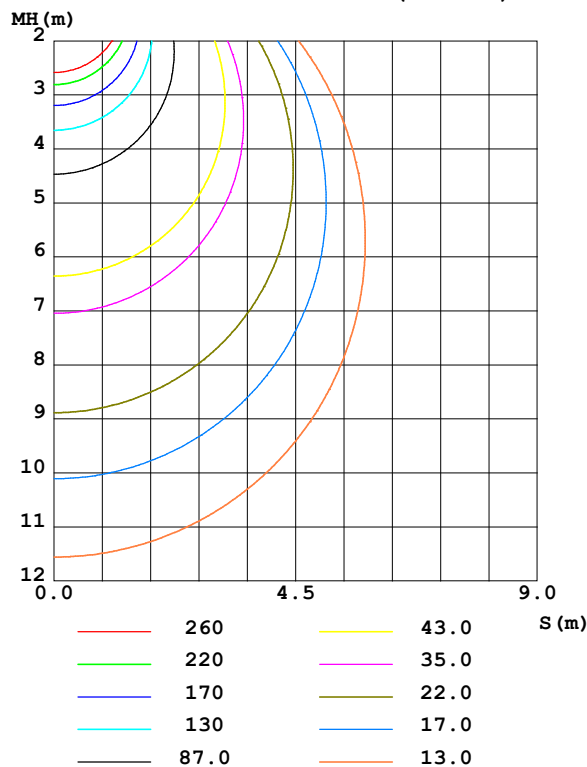
Test:U:230.34V I:0.2029A P:45.877W PF:0.9818 Freq:50.00Hz Lamp Flux:6050.24x1 lm		
NAME: LED445-W46 (46W 250mA 6000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.236350	SERIAL No.: 1
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 131.88 lm/W
MODEL		I <sub>max</sub> (cd)	1738	S/MH(C0/180)	1.28	
NOMINAL POWER(W)	45.8	LOR(%)	100.0	S/MH(C90/270)	1.26	
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	6050.2	η UP,DN(C0-180)	3.9,46.4	
NOMINAL FLUX(lm)	6050.24	CIE CLASS	DIRECT	η UP,DN(C180-360)	3.8,45.8	
LAMPS INSIDE	1	η up (%)	7.8	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)	230	η down (%)	92.2	CIBSE SHR MAX	1.35	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:DAMIN  
Test Date:2024-04-12

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.477  
Humidity:65.0%  
Test Distance:12.020m [K=1.0000]  
Remarks:

## ZONAL FLUX DIAGRAM

## ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	1712	1711	1709	1711	1709	1707	1706	1709	0- 10	164.5	164.5	2.72,2.72
20	1635	1629	1622	1628	1627	1622	1616	1625	10- 20	472.7	637.2	10.5,10.5
30	1507	1494	1480	1492	1495	1482	1471	1489	20- 30	720.8	1358	22.4,22.4
40	1336	1312	1287	1309	1318	1295	1276	1306	30- 40	877.4	2235	36.9,36.9
50	1134	1090	1048	1088	1116	1069	1036	1086	40- 50	924.4	3160	52.2,52.2
60	926.8	846.8	770.2	851.2	911.5	824.6	757.4	849.9	50- 60	862.7	4022	66.5,66.5
70	731.5	609.5	465.4	624.3	715.6	589.6	451.9	624.5	60- 70	714.3	4737	78.3,78.3
80	553.8	404.6	172.7	423.5	533.2	383.6	164.2	426.0	70- 80	517.5	5254	86.8,86.8
90	396.1	242.2	13.46	259.2	373.7	223.3	11.50	267.7	80- 90	326.2	5580	92.2,92.2
100	262.8	130.4	8.605	142.2	240.6	115.2	8.822	152.8	90-100	190.6	5771	95.4,95.4
110	160.6	67.47	11.63	75.26	142.5	60.68	11.58	83.03	100-110	107.6	5879	97.2,97.2
120	90.53	43.70	14.47	48.98	81.83	42.93	14.47	50.29	110-120	60.32	5939	98.2,98.2
130	61.24	36.79	17.45	41.53	59.57	37.57	17.38	39.47	120-130	38.48	5977	98.8,98.8
140	47.19	31.62	20.38	36.98	48.27	34.54	20.35	34.21	130-140	28.15	6006	99.3,99.3
150	38.40	28.55	22.92	33.33	40.21	31.47	22.91	29.42	140-150	20.40	6026	99.6,99.6
160	32.09	27.17	25.12	30.09	33.47	28.51	24.95	27.29	150-160	13.78	6040	99.8,99.8
170	27.80	26.56	26.63	27.76	28.58	27.48	26.61	26.58	160-170	7.874	6048	100,100
180	27.78	27.21	27.31	27.22	27.84	27.23	27.31	27.19	170-180	2.592	6050	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 2698.8 lm

%lum = 44.6%

%lamp = 44.6%

Conical surface Flux(120deg): 4022.5 lm

%lum = 66.5%

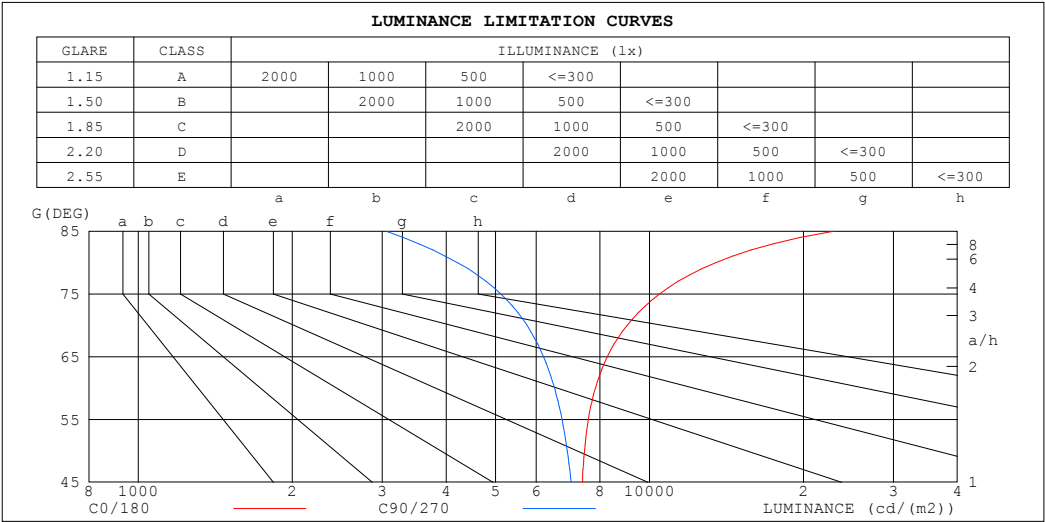
%lamp = 66.5%

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:DAMIN  
 Test Date:2024-04-12

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 $\gamma$  Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.477  
 Humidity:65.0%  
 Test Distance:12.020m [K=1.0000]  
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:230.34V I:0.2029A P:45.877W PF:0.9818 Freq:50.00Hz Lamp Flux:6050.24x1 lm		
NAME: LED445-W46 (46W 250mA 6000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.236350	SERIAL No.: 1
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	22887	3056
80	13480	4211
75	10459	5118
70	9040	5760
65	8268	6203
60	7834	6521
55	7591	6741
50	7458	6903
45	7395	7023

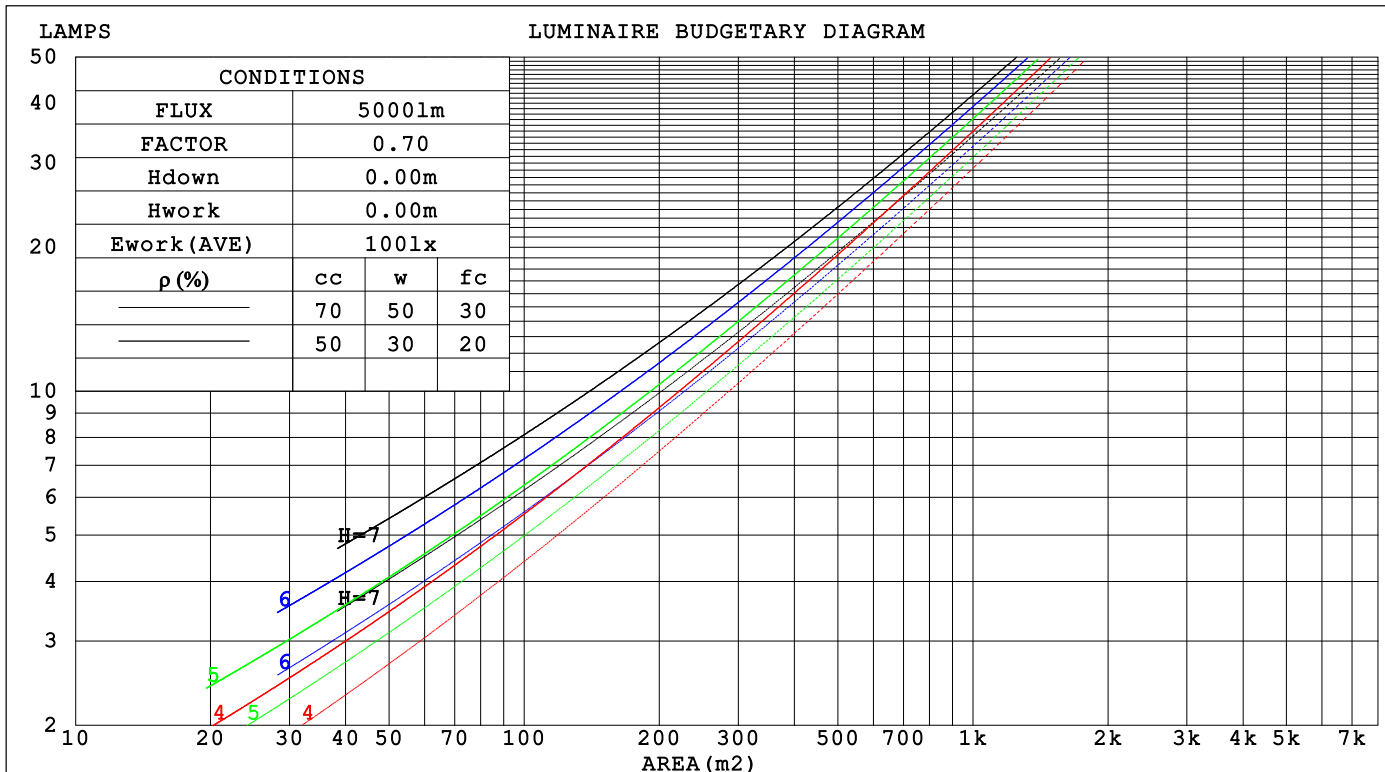
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:DAMIN  
Test Date:2024-04-12

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.477  
Humidity:65.0%  
Test Distance:12.020m [K=1.0000]  
Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.34V I:0.2029A P:45.877W PF:0.9818 Freq:50.00Hz Lamp Flux:6050.24x1 lm		
NAME: LED445-W46 (46W 250mA 6000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.236350	SERIAL No.: 1
MFR.:	SUR.:	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio                      Coefficients of Utilization(CU)															
0.0	1.17	1.17	1.17	1.14	1.14	1.14	1.07	1.07	1.07	1.01	1.01	1.01	.95	.95	.95	.92
1.0	.00	.95	.90	.97	.92	.88	.91	.87	.84	.86	.83	.80	.81	.78	.76	.73
2.0	.86	.78	.72	.83	.76	.71	.78	.73	.68	.74	.69	.65	.70	.66	.63	.60
3.0	.75	.66	.59	.73	.65	.58	.69	.62	.56	.65	.59	.54	.61	.56	.52	.50
4.0	.66	.57	.50	.64	.56	.49	.61	.53	.48	.57	.51	.46	.54	.49	.45	.42
5.0	.59	.50	.43	.57	.49	.42	.54	.47	.41	.51	.45	.40	.49	.43	.39	.36
6.0	.53	.44	.37	.52	.43	.37	.49	.41	.36	.46	.40	.35	.44	.38	.34	.31
7.0	.48	.39	.33	.47	.38	.32	.44	.37	.31	.42	.36	.31	.40	.34	.30	.28
8.0	.44	.35	.29	.43	.34	.29	.41	.33	.28	.39	.32	.27	.37	.31	.27	.25
9.0	.40	.32	.26	.39	.31	.26	.37	.30	.25	.36	.29	.25	.34	.28	.24	.22
10.0	.37	.29	.23	.36	.28	.23	.34	.28	.23	.33	.27	.22	.32	.26	.22	.20



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:DAMIN  
Test Date:2024-04-12

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.477  
Humidity:65.0%  
Test Distance:12.020m [K=1.0000]  
Remarks:

### WEC AND CCEC

Test:U:230.34V I:0.2029A P:45.877W PF:0.9818 Freq:50.00Hz Lamp Flux:6050.24x1 lm		
NAME: LED445-W46 (46W 250mA 6000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.236350	SERIAL No.: 1
MFR.:	SUR.:	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0	
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
pfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.356	.202	.064	.346	.197	.063	.328	.188	.060	.312	.180	.058	.297	.172	.055		
2.0	.317	.174	.053	.309	.170	.052	.293	.163	.051	.278	.156	.049	.264	.149	.047		
3.0	.286	.152	.046	.278	.149	.045	.264	.143	.043	.251	.137	.042	.238	.132	.041		
4.0	.260	.135	.040	.253	.132	.039	.240	.127	.038	.228	.123	.037	.217	.118	.036		
5.0	.238	.121	.035	.232	.119	.035	.220	.115	.034	.209	.110	.033	.199	.106	.032		
6.0	.219	.110	.031	.213	.108	.031	.203	.104	.030	.193	.100	.030	.184	.097	.029		
7.0	.203	.100	.028	.198	.099	.028	.188	.095	.027	.179	.092	.027	.171	.089	.026		
8.0	.189	.092	.026	.184	.091	.026	.175	.088	.025	.167	.085	.024	.160	.082	.024		
9.0	.176	.085	.024	.172	.084	.024	.164	.081	.023	.157	.079	.022	.150	.076	.022		
10.0	.165	.079	.022	.161	.078	.022	.154	.076	.021	.147	.073	.021	.141	.071	.020		

pcc	80%			70%			50%			30%			10%			0	
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
pfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients (CCEC)										
0.0	.250	.250	.250	.213	.213	.213	.146	.146	.146	.084	.084	.084	.027	.027	.027		
1.0	.243	.215	.190	.208	.185	.164	.142	.127	.113	.082	.074	.066	.026	.024	.021		
2.0	.236	.192	.155	.202	.165	.134	.138	.114	.093	.080	.066	.055	.026	.021	.018		
3.0	.228	.175	.132	.195	.151	.115	.134	.105	.081	.077	.061	.047	.025	.020	.016		
4.0	.220	.162	.117	.189	.140	.102	.130	.097	.072	.075	.057	.042	.024	.019	.014		
5.0	.212	.152	.107	.182	.131	.093	.126	.092	.066	.073	.054	.039	.023	.018	.013		
6.0	.205	.144	.099	.176	.124	.087	.122	.087	.061	.071	.051	.036	.023	.017	.012		
7.0	.198	.137	.094	.170	.119	.082	.118	.083	.058	.068	.049	.034	.022	.016	.011		
8.0	.191	.131	.090	.165	.114	.078	.114	.080	.055	.066	.047	.033	.021	.015	.011		
9.0	.185	.126	.086	.160	.110	.075	.111	.077	.053	.064	.045	.032	.021	.015	.011		
10.0	.179	.122	.084	.155	.106	.073	.107	.075	.052	.063	.044	.031	.020	.014	.010		

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:DAMIN  
Test Date:2024-04-12

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.477  
Humidity:65.0%  
Test Distance:12.020m [K=1.0000]  
Remarks:

### UGR(Unified Glare Rating) Table

Test:U:230.34V I:0.2029A P:45.877W PF:0.9818 Freq:50.00Hz Lamp Flux:6050.24x1 lm										
NAME: LED445-W46 (46W 250mA 6000K)					TYPE:			WEIGHT:		
SPEC.:					DIM.: 0.236350			SERIAL No.: 1		
MFR.:					SUR.:			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	19.6	21.0	19.9	21.4	21.7	18.8	20.3	19.2	20.7	21.0
3H	21.7	23.1	22.2	23.5	23.9	20.3	21.7	20.7	22.0	22.4
4H	22.9	24.2	23.4	24.6	25.0	20.9	22.2	21.3	22.6	23.0
6H	24.2	25.4	24.6	25.8	26.3	21.2	22.5	21.7	22.9	23.3
8H	24.9	26.1	25.4	26.5	27.0	21.3	22.5	21.8	22.9	23.4
12H	25.7	26.8	26.2	27.3	27.8	21.4	22.5	21.8	22.9	23.4
4H 2H	20.2	21.4	20.6	21.8	22.3	19.6	20.9	20.0	21.3	21.7
3H	22.6	23.7	23.0	24.1	24.6	21.3	22.4	21.8	22.9	23.3
4H	23.9	25.0	24.4	25.4	25.9	22.0	23.0	22.5	23.5	24.0
6H	25.4	26.3	25.9	26.8	27.4	22.5	23.4	23.0	23.9	24.5
8H	26.2	27.1	26.8	27.6	28.2	22.7	23.5	23.2	24.1	24.6
12H	27.2	28.0	27.7	28.5	29.1	22.8	23.6	23.3	24.1	24.7
8H 4H	24.2	25.1	24.8	25.6	26.2	22.6	23.5	23.1	24.0	24.5
6H	26.0	26.7	26.6	27.3	27.9	23.4	24.1	24.0	24.7	25.3
8H	27.0	27.7	27.6	28.2	28.9	23.7	24.4	24.3	24.9	25.5
12H	28.2	28.8	28.8	29.4	30.0	23.9	24.5	24.5	25.1	25.7
12H 4H	24.3	25.1	24.8	25.6	26.2	22.8	23.6	23.3	24.1	24.7
6H	26.1	26.8	26.7	27.3	27.9	23.7	24.4	24.3	24.9	25.6
8H	27.2	27.8	27.8	28.4	29.0	24.2	24.7	24.8	25.3	26.0
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.1 / - 0.3				

CIE Pub.117, 6050 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 6.3)  
Area: 0.23635 m2

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:DAMIN  
Test Date:2024-04-12

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.477  
Humidity:65.0%  
Test Distance:12.020m [K=1.0000]  
Remarks:

### UTILIZATION FACTORS TABLE

Test:U:230.34V I:0.2029A P:45.877W PF:0.9818 Freq:50.00Hz Lamp Flux:6050.24x1 lm		
NAME: LED445-W46 (46W 250mA 6000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.236350	SERIAL No.: 1
MFR.:	SUR.:	Shielding Angle:

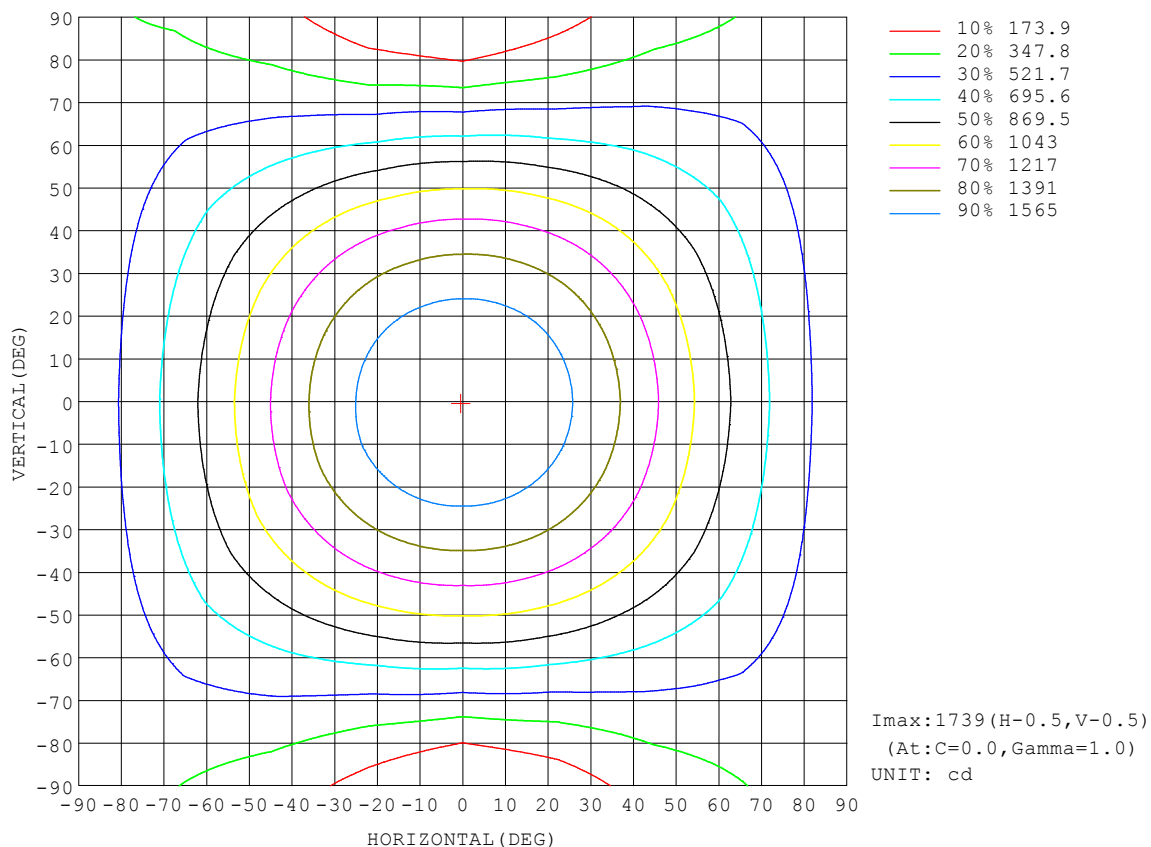
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	53	41	34	52	41	34	51	40	33	27
0.80	62	50	42	61	50	42	59	48	42	34
1.00	70	58	50	69	58	50	66	59	49	41
1.25	77	66	58	76	65	57	72	63	56	48
1.50	82	71	63	80	70	63	77	68	61	52
2.00	89	80	72	87	78	71	83	75	69	60
2.50	94	85	77	91	83	76	86	79	74	64
3.00	97	89	82	94	87	81	89	83	78	67
4.00	102	95	89	99	92	87	93	88	84	72
5.00	104	98	93	101	96	91	95	91	87	75
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:DAMIN  
Test Date:2024-04-12

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.477  
Humidity:65.0%  
Test Distance:12.020m [K=1.0000]  
Remarks:

## ISOCANDELA DIAGRAM

Test:U:230.34V I:0.2029A P:45.877W PF:0.9818 Freq:50.00Hz Lamp Flux:6050.24x1 lm		
NAME: LED445-W46 (46W 250mA 6000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.236350	SERIAL No.: 1
MFR.:	SUR.:	Shielding Angle:



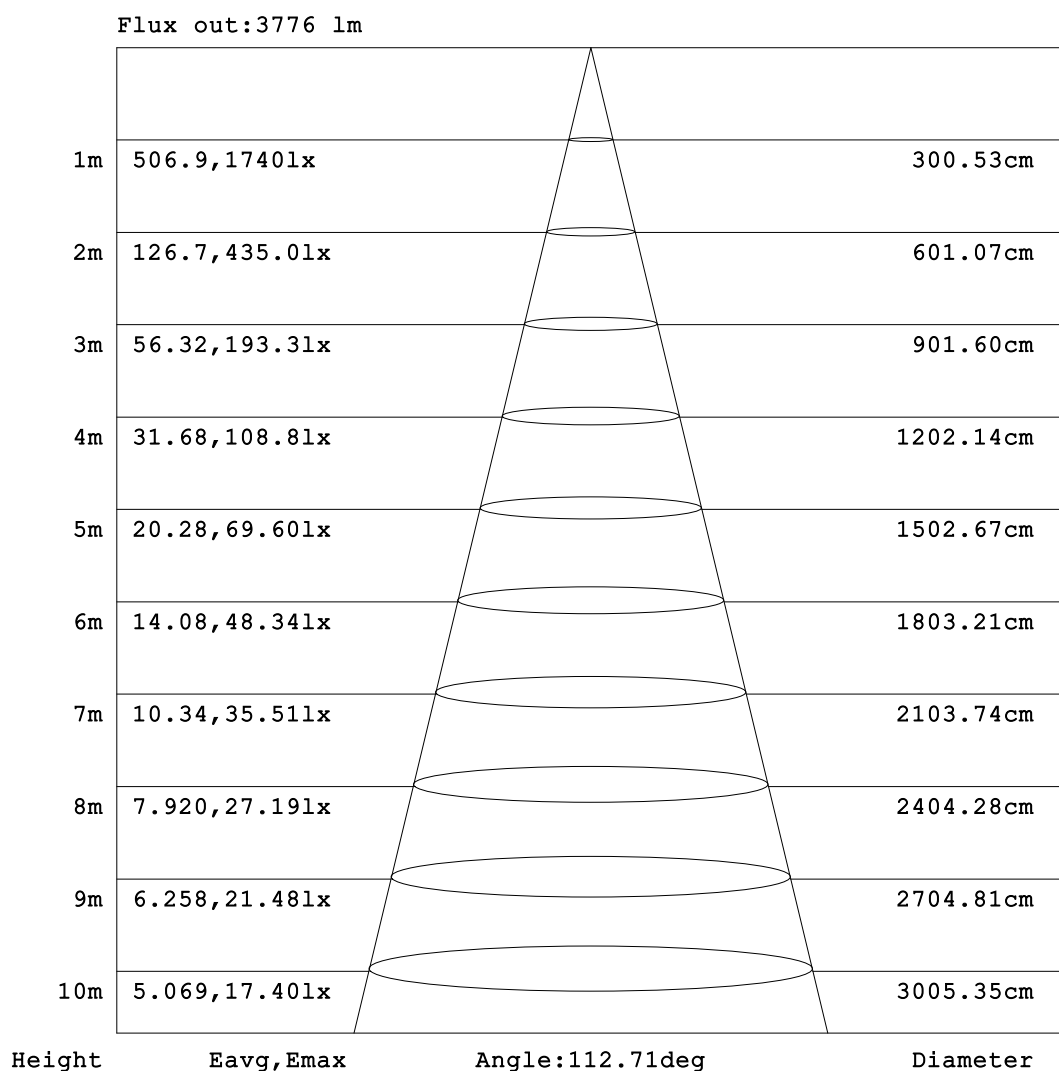
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:DAMIN  
Test Date:2024-04-12

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.477  
Humidity:65.0%  
Test Distance:12.020m [K=1.0000]  
Remarks:



AAI Figure

Test:U:230.34V I:0.2029A P:45.877W PF:0.9818 Freq:50.00Hz Lamp Flux:6050.24x1 lm		
NAME: LED445-W46 (46W 250mA 6000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.236350	SERIAL No.: 1
MFR.:	SUR.:	Shielding Angle:



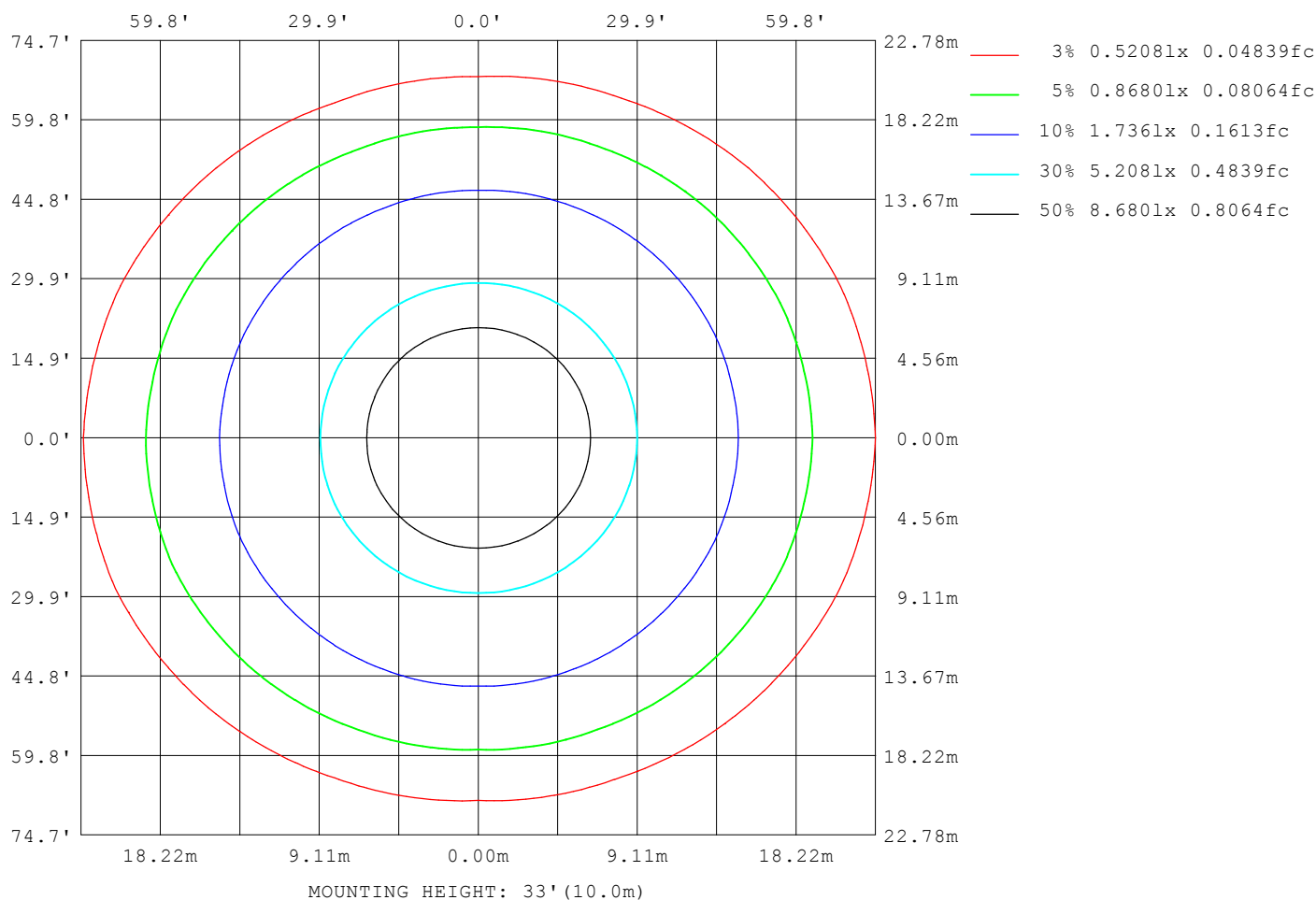
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:DAMIN  
Test Date:2024-04-12

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.477  
Humidity:65.0%  
Test Distance:12.020m [K=1.0000]  
Remarks:

### ISOLUX DIAGRAM

Test:U:230.34V I:0.2029A P:45.877W PF:0.9818 Freq:50.00Hz Lamp Flux:6050.24x1 lm		
NAME: LED445-W46 (46W 250mA 6000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.236350	SERIAL No.: 1
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: DAMIN  
Test Date: 2024-04-12

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.477  
Humidity: 65.0%  
Test Distance: 12.020m [K=1.0000]  
Remarks:

### LED Avg.L Report

Test:U:230.34V I:0.2029A P:45.877W PF:0.9818 Freq:50.00Hz Lamp Flux:6050.24x1 lm		
NAME: LED445-W46 (46W 250mA 6000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.236350	SERIAL No.: 1
MFR.:	SUR.:	Shielding Angle:

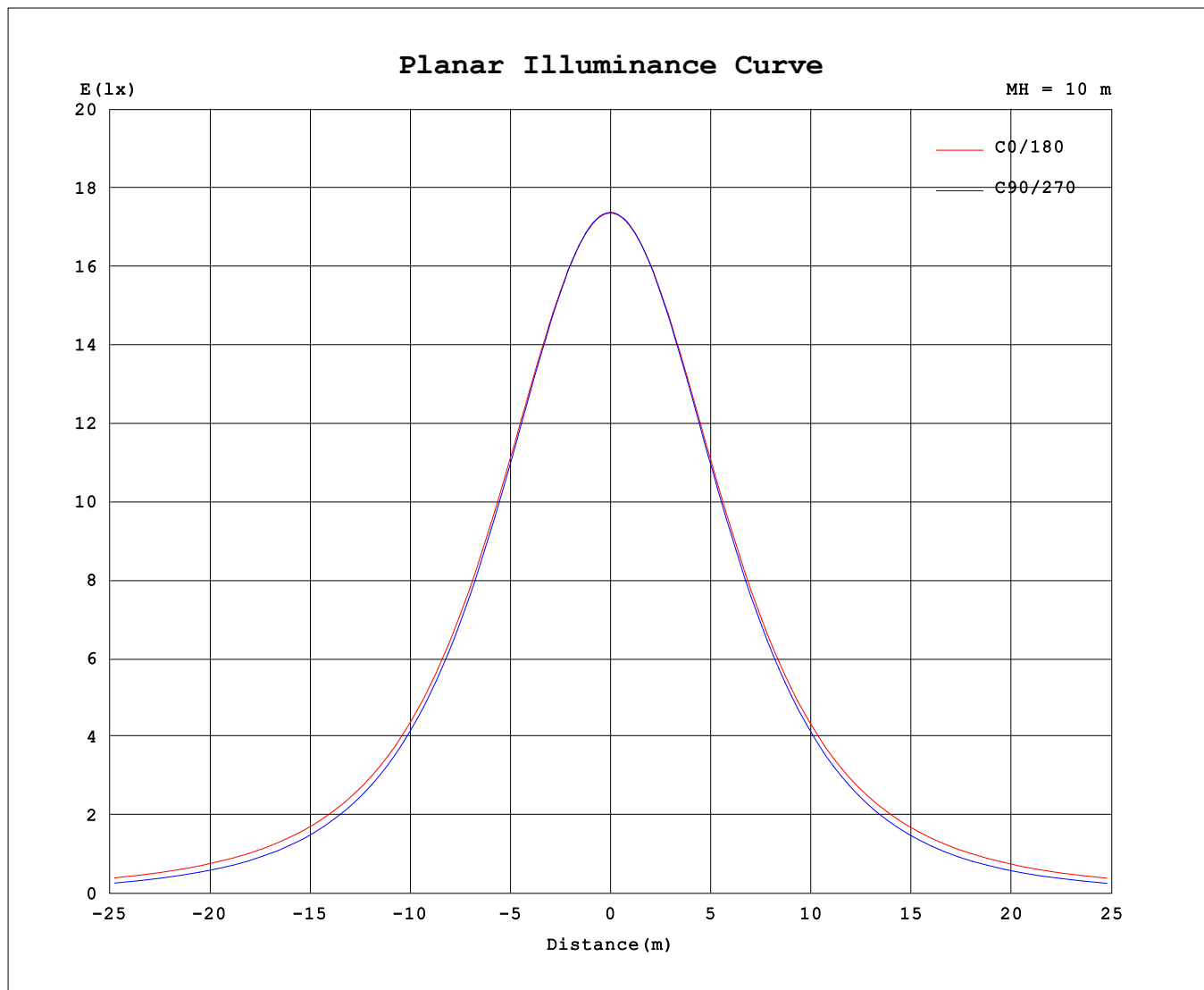
AvgL	cd/m2
L_0~180 (65) av	8202
L_0~180 (75) av	10328
L_0~180 (85) av	22384
L_90~270 (65) av	6141
L_90~270 (75) av	5022
L_90~270 (85) av	2978
L_45 (65) av	7257
L_45 (75) av	8263
L_45 (85) av	15689

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:DAMIN  
Test Date:2024-04-12

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.477  
Humidity:65.0%  
Test Distance:12.020m [K=1.0000]  
Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: DAMIN  
Test Date: 2024-04-12

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.477  
Humidity: 65.0%  
Test Distance: 12.020m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.34V I:0.2029A P:45.877W PF:0.9818 Freq:50.00Hz Lamp Flux:6050.24x1 lm																	
NAME: LED445-W46 (46W 250mA 6000K)									TYPE:						WEIGHT:		
SPEC.:									DIM.: 0.236350						SERIAL No.: 1		
MFR.:									SUR.:						Shielding Angle:		

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	1738	1738	1738	1738	1738	1738	1738	1738	1738	1738	1738	1738	1738	1738	1738	1738			
5	1732	1733	1732	1731	1731	1732	1732	1730	1730	1730	1729	1729	1729	1730	1730	1730			
10	1712	1713	1711	1710	1709	1710	1711	1711	1709	1709	1707	1706	1706	1707	1709	1710			
15	1680	1681	1677	1674	1673	1675	1676	1677	1675	1675	1672	1669	1668	1670	1673	1675			
20	1635	1634	1629	1625	1622	1626	1628	1631	1627	1626	1622	1616	1616	1619	1625	1628			
25	1577	1575	1568	1562	1558	1562	1567	1571	1567	1564	1558	1552	1551	1556	1563	1569			
30	1507	1505	1494	1486	1480	1485	1492	1499	1495	1490	1482	1473	1471	1478	1489	1497			
35	1427	1422	1409	1397	1389	1396	1406	1415	1411	1405	1394	1381	1380	1388	1403	1414			
40	1336	1330	1312	1296	1287	1295	1309	1322	1318	1309	1295	1278	1276	1287	1306	1321			
45	1237	1228	1205	1185	1173	1183	1202	1221	1219	1206	1186	1165	1161	1176	1200	1221			
50	1134	1121	1090	1064	1048	1063	1088	1116	1116	1099	1069	1041	1036	1055	1086	1115			
55	1030	1012	969	933	913	933	970	1009	1014	990	947	909	901	925	969	1008			
60	927	903	847	796	770	797	851	904	911	882	825	770	757	790	850	902			
65	827	797	726	654	619	659	735	800	812	778	704	627	608	653	735	799			
70	732	697	609	510	465	522	624	701	716	677	590	486	452	520	625	701			
75	640	602	502	376	313	396	520	606	623	580	480	353	302	394	520	608			
80	554	510	405	258	173	285	424	513	533	491	384	237	164	285	426	520			
85	472	427	317	164	62.9	193	336	429	450	406	297	146	59.8	194	342	438			
90	396	352	242	95.1	13.5	122	259	352	374	330	223	82.9	11.5	126	268	363			
95	326	284	180	53.5	8.09	74.4	194	282	303	261	162	46.3	7.94	79.2	205	295			
100	263	224	130	32.6	8.61	46.9	142	221	241	202	115	30.0	8.82	50.5	153	234			
105	208	172	93.7	24.7	10.1	34.3	103	169	187	153	82.1	24.5	10.2	35.9	112	182			
110	161	131	67.5	22.6	11.6	29.6	75.3	128	143	115	60.7	23.3	11.6	29.8	83.0	139			
115	123	99.4	50.5	22.0	13.1	27.9	56.8	96.0	109	83.4	47.1	23.1	13.0	27.1	59.6	106			
120	90.5	72.9	43.7	21.7	14.5	27.0	49.0	73.2	81.8	64.6	42.9	23.1	14.5	25.7	50.3	77.4			
125	72.2	60.2	39.6	21.9	16.0	27.1	44.6	61.3	67.3	57.0	40.1	23.6	15.9	25.2	44.0	62.8			
130	61.2	51.9	36.8	22.1	17.5	27.1	41.5	54.4	59.6	51.5	37.6	24.0	17.4	24.7	39.5	54.0			
135	52.9	46.5	34.4	22.3	18.9	26.9	39.0	49.4	53.4	47.2	35.5	24.3	18.9	24.3	37.0	48.0			
140	47.2	42.3	31.6	22.7	20.4	26.7	37.0	45.3	48.3	43.5	34.5	24.5	20.4	24.2	34.2	43.3			
145	42.4	38.7	29.6	22.9	21.7	26.7	35.2	41.7	44.0	40.3	33.1	24.5	21.7	24.1	31.3	39.4			
150	38.4	35.7	28.6	23.6	22.9	25.9	33.3	38.7	40.2	37.5	31.5	25.1	22.9	24.4	29.4	36.0			
155	35.0	33.0	27.5	24.3	24.1	26.2	31.5	35.7	36.7	34.7	30.1	25.7	24.0	24.7	28.3	33.3			
160	32.1	30.0	27.2	24.9	25.1	26.5	30.1	33.0	33.5	32.1	28.5	26.1	25.0	25.2	27.3	30.9			
165	29.5	28.2	26.6	25.4	26.0	26.7	28.4	30.1	30.8	29.4	27.9	26.5	25.8	25.6	26.7	28.6			
170	27.8	27.2	26.6	26.1	26.6	27.0	27.8	28.4	28.6	28.2	27.5	26.9	26.6	26.1	26.6	27.1			
175	27.1	26.9	26.6	26.8	27.1	27.2	27.4	27.5	27.9	27.5	27.3	27.2	27.1	26.7	26.7	26.9			
180	27.8	27.3	27.2	27.2	27.3	27.2	27.2	27.3	27.8	27.3	27.2	27.2	27.3	27.2	27.2	27.2			

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:DAMIN  
Test Date:2024-04-12

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.477  
Humidity:65.0%  
Test Distance:12.020m [K=1.0000]  
Remarks: