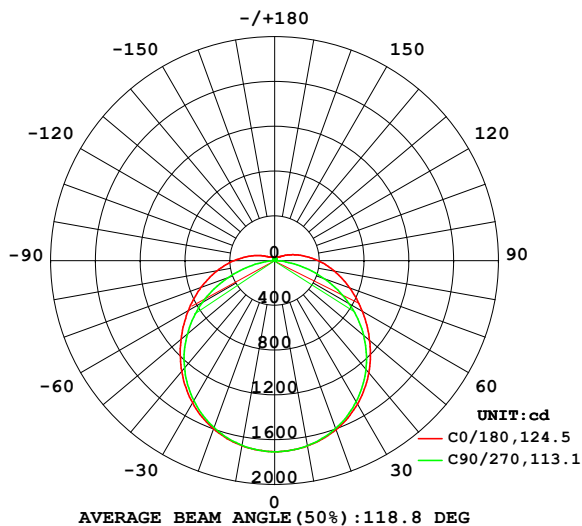


## LUMINAIRE PHOTOMETRIC TEST REPORT

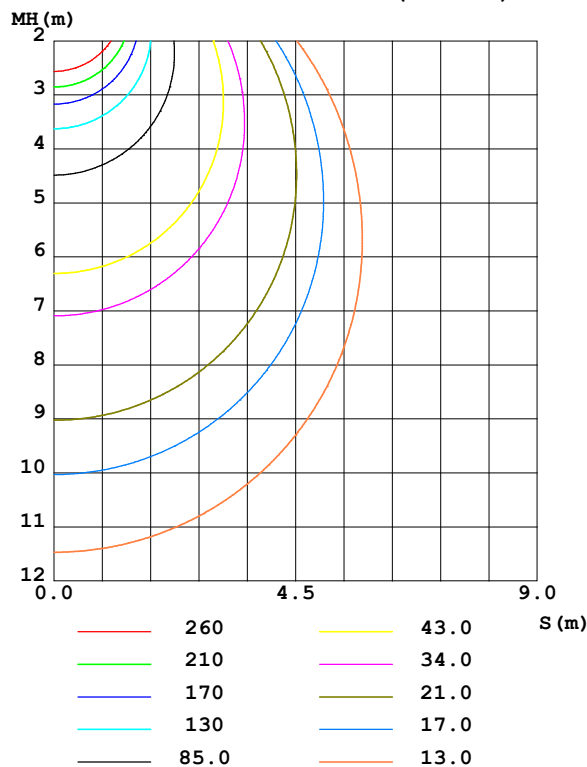
Test:U:230.46V I:0.2223A P:49.898W PF:0.9738 Freq:50.00Hz Lamp Flux:5925.48x1 lm		
NAME: LED444-W46 (50W 350mA 4000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.187450	SERIAL No.: 1
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 118.75 lm/W			
MODEL		I <sub>max</sub> (cd)	1707	S/MH(C0/180)	1.28
NOMINAL POWER(W)	49.9	LOR(%)	100.0	S/MH(C90/270)	1.26
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	5925.5	η UP,DN(C0-180)	3.9,46.6
NOMINAL FLUX(lm)	5925.48	CIE CLASS	DIRECT	η UP,DN(C180-360)	3.7,45.8
LAMPS INSIDE	1	η up (%)	7.6	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	240.3	η down (%)	92.4	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:2024-04-02

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	1682	1681	1679	1680	1679	1677	1675	1679	0- 10	161.6	161.6	2.73,2.73
20	1606	1602	1595	1599	1599	1592	1587	1596	10- 20	464.3	625.9	10.6,10.6
30	1480	1471	1457	1466	1468	1455	1445	1462	20- 30	708.2	1334	22.5,22.5
40	1309	1293	1269	1285	1292	1271	1253	1281	30- 40	862.1	2196	37.1,37.1
50	1107	1074	1038	1065	1092	1048	1018	1061	40- 50	907.5	3104	52.4,52.4
60	904.2	833.9	768.3	829.7	890.7	808.7	744.8	821.5	50- 60	845.8	3950	66.7,66.7
70	714.5	604.9	471.0	605.4	699.8	583.6	443.1	596.7	60- 70	699.9	4649	78.5,78.5
80	541.3	408.0	177.3	407.8	520.6	384.5	153.2	402.6	70- 80	506.9	5156	87,87
90	388.6	251.0	6.702	245.9	363.5	227.0	4.654	249.9	80- 90	318.8	5475	92.4,92.4
100	259.1	139.2	7.578	131.2	233.4	117.9	7.272	139.7	90-100	186.0	5661	95.5,95.5
110	158.2	72.02	10.77	66.14	136.1	59.40	10.32	73.01	100-110	103.7	5765	97.3,97.3
120	86.59	42.86	13.96	41.38	74.37	38.87	13.42	43.50	110-120	56.86	5822	98.2,98.2
130	57.02	36.43	17.06	35.95	52.65	34.20	16.45	36.55	120-130	35.25	5857	98.8,98.8
140	45.22	32.53	19.90	32.58	43.04	31.23	19.41	32.51	130-140	26.12	5883	99.3,99.3
150	37.34	28.84	22.42	29.63	36.12	28.64	22.04	28.96	140-150	19.17	5902	99.6,99.6
160	31.77	27.00	24.49	27.18	30.41	26.18	24.20	26.92	150-160	13.08	5915	99.8,99.8
170	27.56	26.44	25.99	25.99	26.57	25.83	25.89	26.32	160-170	7.568	5923	100,100
180	26.98	26.48	26.59	26.50	26.97	26.54	26.59	26.57	170-180	2.519	5925	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 2651.3 lm

%lum = 44.7%

%lamp = 44.7%

Conical surface Flux(120deg): 3949.6 lm

%lum = 66.7%

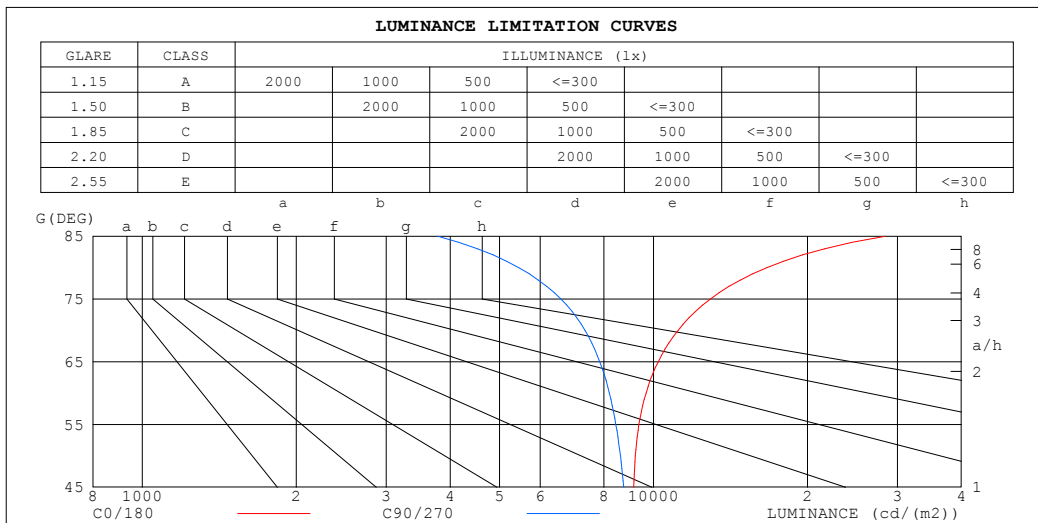
%lamp = 66.7%

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:DAMIN  
 Test Date:2024-04-02

$\gamma$  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:230.46V I:0.2223A P:49.898W PF:0.9738 Freq:50.00Hz Lamp Flux:5925.48x1 lm		
NAME: LED444-W46 (50W 350mA 4000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.187450	SERIAL No.: 1
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	28341	3787
80	16663	5447
75	12920	6589
70	11166	7346
65	10211	7849
60	9666	8196
55	9363	8434
50	9210	8614
45	9149	8740

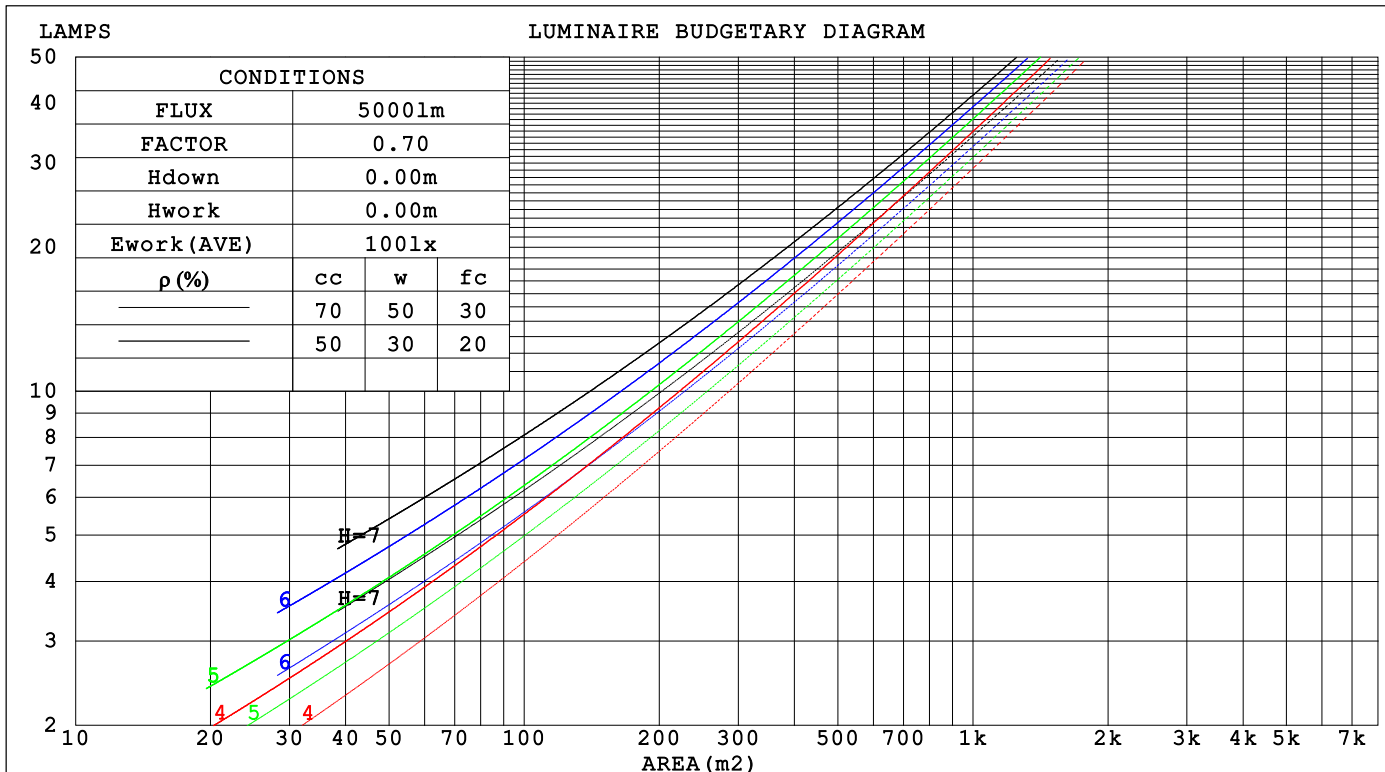
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: DAMIN  
Test Date: 2024-04-02

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:230.46V I:0.2223A P:49.898W PF:0.9738 Freq:50.00Hz Lamp Flux:5925.48x1 lm		
NAME: LED444-W46 (50W 350mA 4000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.187450	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	.74
2.0	.86	.79	.72	.83	.77	.71	.79	.73	.68	.74	.69	.65	.70	.66	.63	.60
3.0	.75	.66	.59	.73	.65	.58	.69	.62	.56	.65	.59	.54	.61	.57	.52	.50
4.0	.66	.57	.50	.64	.56	.49	.61	.53	.48	.58	.51	.46	.54	.49	.45	.42
5.0	.59	.50	.43	.57	.49	.42	.54	.47	.41	.52	.45	.40	.49	.43	.39	.36
6.0	.53	.44	.37	.52	.43	.37	.49	.41	.36	.47	.40	.35	.44	.38	.34	.32
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	.35	.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:2024-04-02

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:230.46V I:0.2223A P:49.898W PF:0.9738 Freq:50.00Hz Lamp Flux:5925.48x1 lm		
NAME: LED444-W46 (50W 350mA 4000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.187450	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	.308	.170	.052	.293	.163	.051	.278	.156	.049	.264	.150	.047		
3.0	.286	.152	.046	.278	.149	.045	.264	.143	.043	.251	.137	.042	.239	.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	.210	.111	.033	.199	.107	.032		
6.0	.219	.110	.031	.214	.108	.031	.203	.104	.030	.193	.101	.030	.184	.097	.029		
7.0	.203	.100	.028	.198	.099	.028	.188	.095	.027	.180	.092	.027	.171	.089	.026		
8.0	.189	.092	.026	.184	.091	.026	.176	.088	.025	.168	.085	.024	.160	.082	.024		
9.0	.176	.085	.024	.172	.084	.024	.164	.081	.023	.157	.079	.023	.150	.076	.022		
10.0	.165	.079	.022	.161	.078	.022	.154	.076	.021	.148	.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	.248	.248	.248	.212	.212	.212	.145	.145	.145	.083	.083	.083	.027	.027	.027		
1.0	.242	.214	.189	.207	.184	.163	.142	.126	.113	.081	.073	.065	.026	.024	.021		
2.0	.234	.191	.154	.201	.164	.133	.138	.113	.093	.079	.066	.054	.025	.021	.018		
3.0	.227	.173	.131	.194	.150	.114	.133	.104	.080	.077	.061	.047	.025	.020	.015		
4.0	.219	.161	.116	.188	.139	.101	.129	.097	.071	.075	.057	.042	.024	.018	.014		
5.0	.211	.150	.106	.181	.130	.092	.125	.091	.065	.072	.053	.038	.023	.017	.013		
6.0	.204	.142	.098	.175	.123	.085	.121	.086	.060	.070	.051	.036	.023	.017	.012		
7.0	.197	.135	.093	.169	.117	.081	.117	.082	.057	.068	.049	.034	.022	.016	.011		
8.0	.190	.130	.088	.164	.113	.077	.113	.079	.055	.066	.047	.033	.021	.015	.011		
9.0	.184	.125	.085	.158	.108	.074	.110	.076	.053	.064	.045	.031	.021	.015	.010		
10.0	.178	.121	.082	.154	.105	.072	.107	.074	.051	.062	.044	.030	.020	.014	.010		

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:DAMIN  
Test Date:2024-04-02

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:230.46V I:0.2223A P:49.898W PF:0.9738 Freq:50.00Hz Lamp Flux:5925.48x1 lm										
NAME: LED444-W46 (50W 350mA 4000K)					TYPE:			WEIGHT:		
SPEC.:					DIM.: 0.187450			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	20.3	21.8	20.7	22.1	22.5	19.7	21.1	20.0	21.5	21.8
3H	22.5	23.9	22.9	24.2	24.6	21.2	22.5	21.6	22.9	23.3
4H	23.7	25.0	24.1	25.4	25.8	21.8	23.1	22.2	23.4	23.9
6H	25.0	26.2	25.4	26.6	27.0	22.1	23.4	22.6	23.8	24.2
8H	25.7	26.8	26.1	27.3	27.7	22.3	23.4	22.7	23.9	24.3
12H	26.5	27.6	26.9	28.0	28.5	22.3	23.4	22.8	23.9	24.3
4H 2H	20.9	22.2	21.3	22.6	23.0	20.4	21.7	20.8	22.1	22.5
3H	23.3	24.5	23.8	24.9	25.4	22.1	23.3	22.6	23.7	24.2
4H	24.7	25.7	25.2	26.2	26.7	22.9	23.9	23.4	24.4	24.9
6H	26.2	27.1	26.7	27.6	28.1	23.4	24.4	23.9	24.9	25.4
8H	27.0	27.9	27.5	28.4	28.9	23.6	24.5	24.1	25.0	25.5
12H	27.9	28.8	28.5	29.3	29.8	23.7	24.5	24.3	25.0	25.6
8H 4H	25.0	25.9	25.6	26.4	27.0	23.5	24.4	24.0	24.9	25.4
6H	26.8	27.5	27.4	28.1	28.7	24.3	25.1	24.9	25.6	26.2
8H	27.8	28.5	28.4	29.0	29.6	24.7	25.3	25.2	25.9	26.5
12H	29.0	29.6	29.6	30.2	30.8	24.9	25.5	25.5	26.1	26.7
12H 4H	25.0	25.9	25.6	26.4	26.9	23.7	24.5	24.2	25.0	25.6
6H	26.9	27.6	27.5	28.1	28.7	24.7	25.3	25.2	25.9	26.5
8H	28.0	28.6	28.6	29.2	29.8	25.1	25.7	25.7	26.3	26.9
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, 5925 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 6.2)  
Area: 0.18745 m2

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:DAMIN  
Test Date:2024-04-02

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:230.46V I:0.2223A P:49.898W PF:0.9738 Freq:50.00Hz Lamp Flux:5925.48x1 lm		
NAME: LED444-W46 (50W 350mA 4000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.187450	SERIAL No.: 1
MFR.:	SUR.:	Shielding Angle:

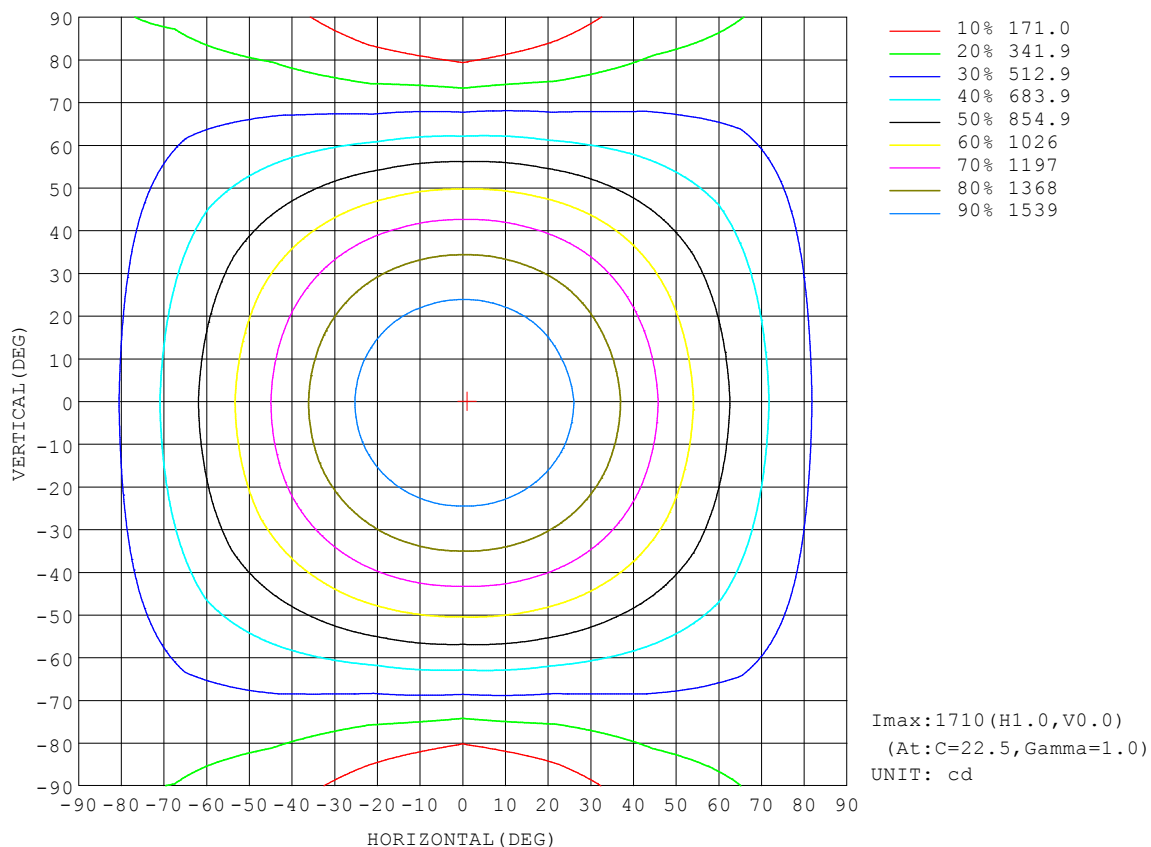
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	53	41	34	52	41	34	51	40	33	27
0.80	63	50	42	61	50	42	59	49	42	34
1.00	71	58	51	69	58	50	66	59	49	42
1.25	77	66	58	76	65	57	72	63	56	48
1.50	83	71	64	80	70	63	77	68	61	53
2.00	90	80	72	87	78	71	83	75	69	60
2.50	94	85	78	91	83	76	86	79	74	64
3.00	97	89	82	94	87	81	89	83	78	68
4.00	102	95	89	99	92	87	93	88	84	72
5.00	104	98	93	101	96	91	95	91	87	76
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: 2024-04-02

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:

## ISOCANDELA DIAGRAM

Test:U:230.46V I:0.2223A P:49.898W PF:0.9738 Freq:50.00Hz Lamp Flux:5925.48x1 lm		
NAME: LED444-W46 (50W 350mA 4000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.187450	SERIAL No.: 1
MFR.:	SUR.:	Shielding Angle:



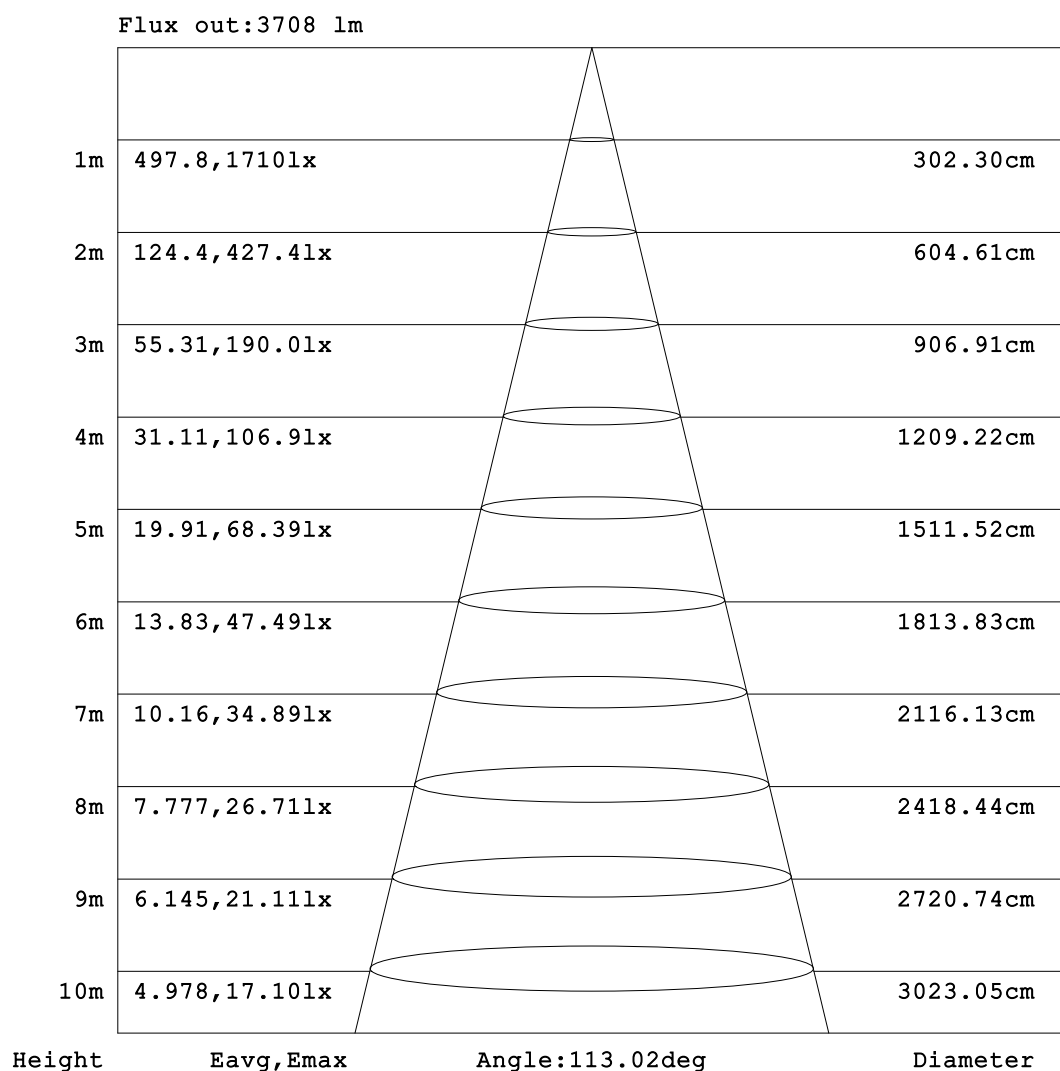
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: DAMIN  
Test Date: 2024-04-02

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:230.46V I:0.2223A P:49.898W PF:0.9738 Freq:50.00Hz Lamp Flux:5925.48x1 lm		
NAME: LED444-W46 (50W 350mA 4000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.187450	SERIAL No.: 1
MFR.:	SUR.:	Shielding Angle:



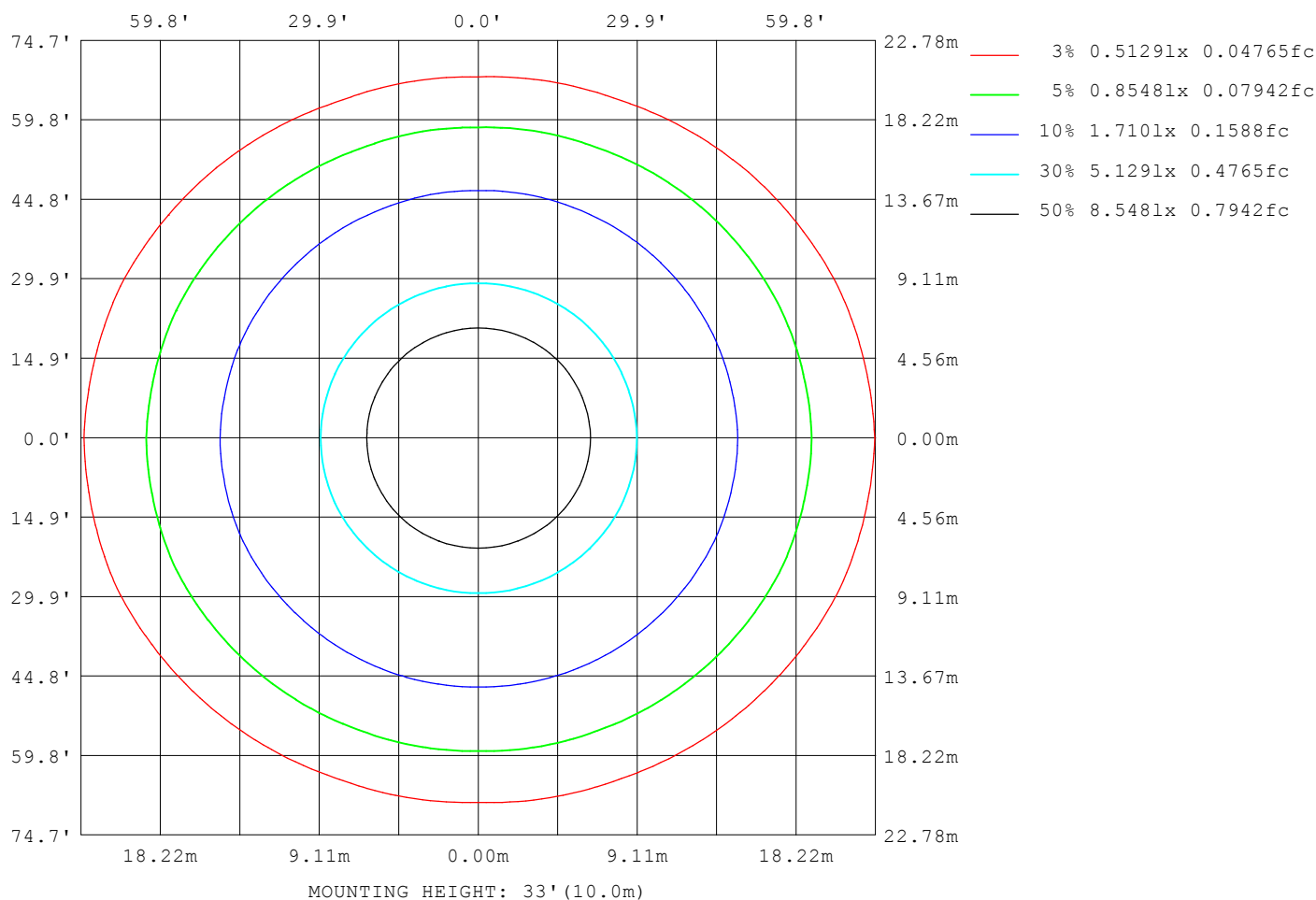
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:DAMIN  
Test Date:2024-04-02

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:230.46V I:0.2223A P:49.898W PF:0.9738 Freq:50.00Hz Lamp Flux:5925.48x1 lm		
NAME: LED444-W46 (50W 350mA 4000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.187450	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:2024-04-02

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:230.46V I:0.2223A P:49.898W PF:0.9738 Freq:50.00Hz Lamp Flux:5925.48x1 lm		
NAME: LED444-W46 (50W 350mA 4000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.187450	SERIAL No.: 1
MFR.:	SUR.:	Shielding Angle:

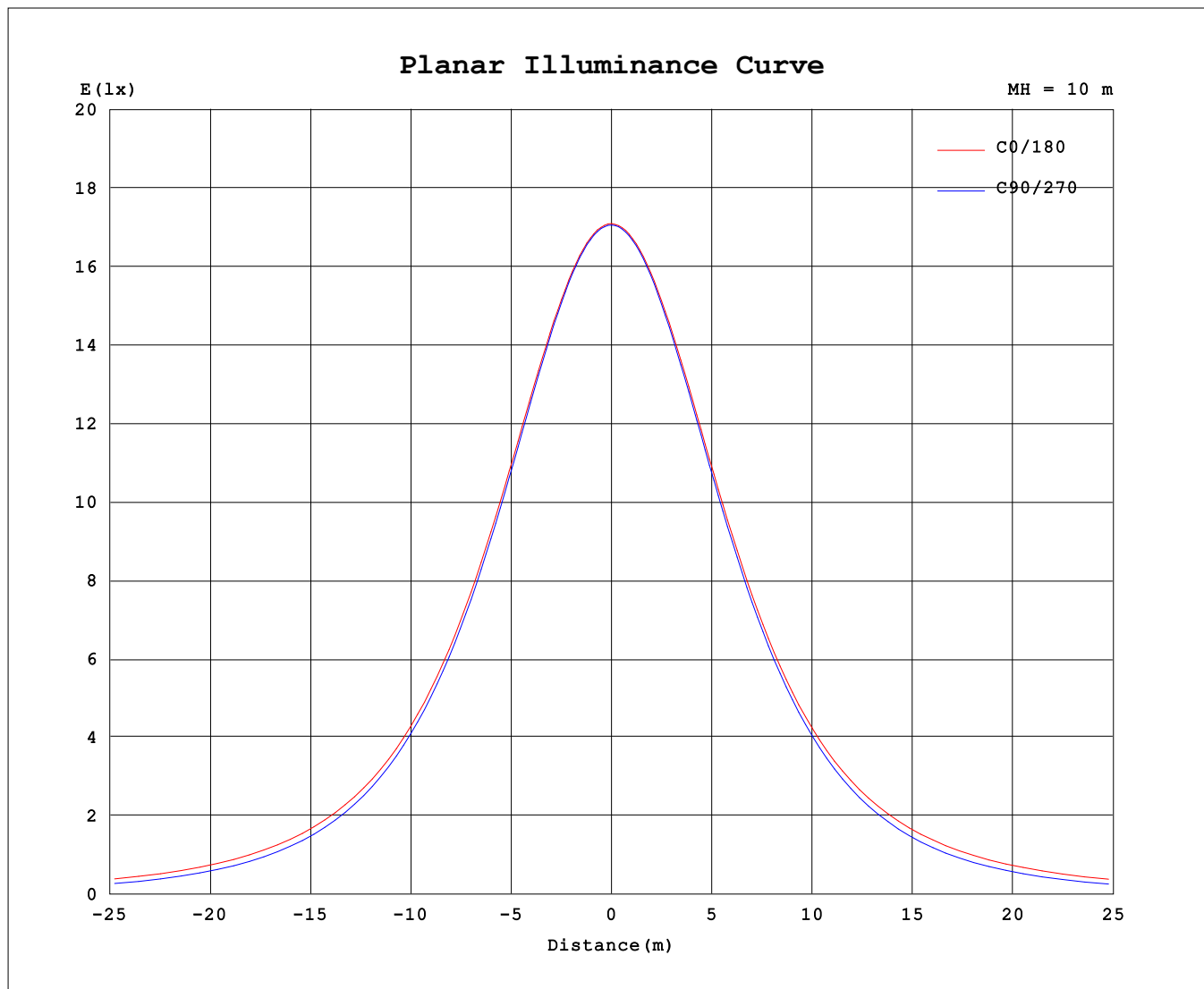
AvgL	cd/m2
L_0~180 (65) av	10105
L_0~180 (75) av	12727
L_0~180 (85) av	27582
L_90~270 (65) av	7693
L_90~270 (75) av	6308
L_90~270 (85) av	3276
L_45 (65) av	8929
L_45 (75) av	10183
L_45 (85) av	19386

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:DAMIN  
Test Date:2024-04-02

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: 2024-04-02

$\gamma$  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:230.46V I:0.2223A P:49.898W PF:0.9738 Freq:50.00Hz Lamp Flux:5925.48x1 lm		
NAME: LED444-W46 (50W 350mA 4000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.187450	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	1706	1706	1706	1706	1706	1706	1706	1706	1706	1706	1706	1706	1706	1706	1706	1706			
5	1700	1701	1701	1701	1700	1700	1700	1700	1699	1699	1698	1698	1698	1699	1699	1700			
10	1682	1683	1681	1680	1679	1680	1680	1681	1679	1678	1677	1675	1675	1676	1679	1680			
15	1650	1651	1648	1646	1644	1645	1647	1648	1645	1644	1641	1638	1638	1640	1644	1647			
20	1606	1606	1602	1598	1595	1597	1599	1603	1599	1596	1592	1588	1587	1590	1596	1600			
25	1549	1549	1543	1537	1532	1535	1539	1544	1539	1536	1530	1523	1523	1526	1535	1542			
30	1480	1479	1471	1463	1457	1461	1466	1473	1468	1463	1455	1446	1445	1450	1462	1470			
35	1400	1398	1387	1377	1369	1373	1381	1390	1385	1379	1368	1357	1355	1362	1377	1388			
40	1309	1306	1293	1279	1269	1275	1285	1297	1292	1284	1271	1257	1253	1263	1281	1295			
45	1210	1206	1188	1171	1159	1166	1179	1196	1193	1182	1163	1145	1141	1153	1175	1194			
50	1107	1099	1074	1053	1038	1047	1065	1091	1092	1076	1048	1024	1018	1032	1061	1087			
55	1005	991	955	925	907	920	947	985	990	969	928	894	885	904	941	980			
60	904	885	834	791	768	786	830	881	891	865	809	758	745	768	821	875			
65	807	783	716	652	622	648	715	781	794	763	693	619	597	630	706	774			
70	714	686	605	512	471	511	605	683	700	666	584	482	443	493	597	678			
75	626	594	502	382	320	385	502	590	609	572	478	355	292	367	494	587			
80	541	505	408	269	177	274	408	499	521	484	384	244	153	259	403	502			
85	462	425	324	177	61.9	182	322	416	439	402	300	156	45.2	172	321	422			
90	389	352	251	109	6.70	111	246	340	363	326	227	90.9	4.65	107	250	350			
95	321	286	190	63.5	6.12	64.1	182	272	295	258	166	50.2	5.86	63.9	189	283			
100	259	227	139	37.4	7.58	37.5	131	211	233	200	118	29.6	7.27	38.7	140	225			
105	205	176	100	26.1	9.14	26.3	92.5	161	180	151	82.6	22.6	8.76	27.2	101	174			
110	158	133	72.0	23.1	10.8	23.4	66.1	120	136	112	59.4	21.2	10.3	24.0	73.0	132			
115	120	99.9	52.4	22.5	12.4	22.7	49.3	87.0	102	79.5	45.3	20.8	11.9	23.1	53.7	99.0			
120	86.6	70.9	42.9	22.3	14.0	22.5	41.4	64.3	74.4	61.1	38.9	20.8	13.4	22.7	43.5	70.5			
125	68.0	57.2	38.9	22.4	15.5	22.5	38.3	54.0	60.3	51.9	36.2	20.9	14.9	22.4	39.3	57.4			
130	57.0	50.0	36.4	22.8	17.1	22.9	36.0	48.2	52.7	46.6	34.2	21.4	16.5	22.8	36.6	49.8			
135	50.2	45.3	34.4	23.1	18.5	23.2	34.1	44.0	47.4	42.7	32.6	21.9	17.9	23.1	34.3	45.0			
140	45.2	41.4	32.5	23.3	19.9	23.5	32.6	40.5	43.0	39.4	31.2	22.3	19.4	23.2	32.5	41.1			
145	40.9	37.9	30.3	23.5	21.2	23.8	31.1	37.4	39.4	36.6	29.9	22.5	20.8	23.4	30.6	37.6			
150	37.3	35.2	28.8	23.6	22.4	23.8	29.6	34.7	36.1	33.9	28.6	23.0	22.0	23.3	29.0	34.8			
155	34.3	32.9	27.9	24.4	23.5	24.3	28.3	32.1	33.1	31.4	27.5	23.6	23.2	24.0	27.9	32.5			
160	31.8	31.0	27.0	25.0	24.5	24.7	27.2	29.9	30.4	29.3	26.2	24.2	24.2	24.7	26.9	30.3			
165	29.5	28.1	26.4	25.5	25.3	25.4	26.3	27.5	28.2	27.0	25.8	25.0	25.1	25.2	26.3	28.1			
170	27.6	27.0	26.4	26.0	26.0	26.0	26.0	26.3	26.6	26.1	25.8	25.7	25.9	25.7	26.3	27.1			
175	26.9	26.7	26.4	26.4	26.4	26.5	26.4	26.4	26.7	26.2	26.3	26.3	26.4	26.2	26.4	26.6			
180	27.0	26.6	26.5	26.5	26.6	26.6	26.5	26.6	27.0	26.6	26.5	26.5	26.6	26.5	26.6	26.6			

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:DAMIN  
Test Date:2024-04-02

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: