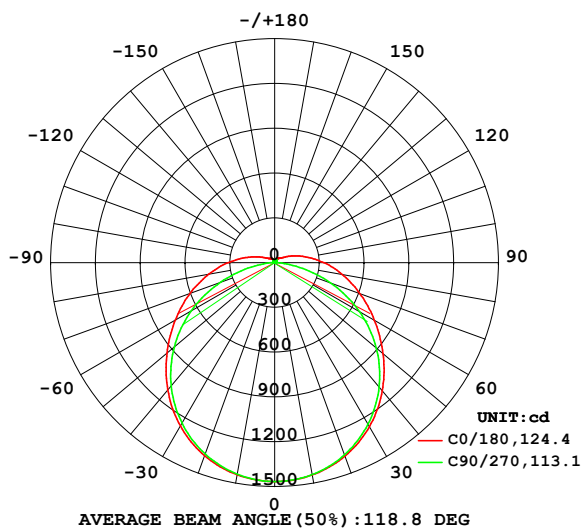


## LUMINAIRE PHOTOMETRIC TEST REPORT

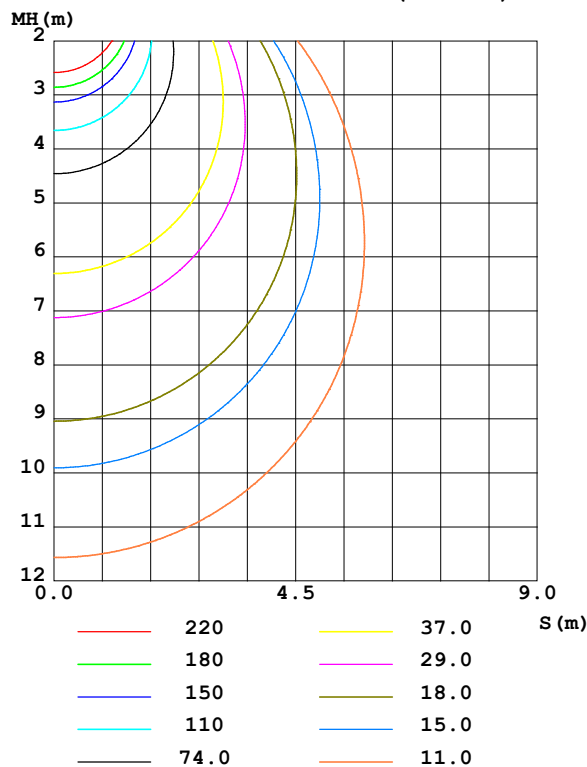
Test:U:230.50V I:0.1843A P:41.368W PF:0.9740 Freq:50.00Hz Lamp Flux:5085.35x1 lm		
NAME: LED444-W46 (42W 300mA 4000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.187450	SERIAL No.: 1
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 122.93 lm/W
MODEL		I <sub>max</sub> (cd)	1467	S/MH(C0/180)	1.28	
NOMINAL POWER(W)	41.4	LOR(%)	100.0	S/MH(C90/270)	1.26	
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	5085.4	η UP,DN(C0-180)	3.9,46.5	
NOMINAL FLUX(lm)	5085.35	CIE CLASS	DIRECT	η UP,DN(C180-360)	3.7,45.9	
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	1445	1444	1442	1444	1444	1442	1439	1441	0- 10	138.8	138.8	2.73,2.73
20	1378	1375	1370	1376	1376	1370	1364	1370	10- 20	399.0	537.8	10.6,10.6
30	1270	1261	1251	1261	1264	1253	1242	1255	20- 30	608.5	1146	22.5,22.5
40	1122	1107	1089	1106	1114	1096	1079	1099	30- 40	740.8	1887	37.1,37.1
50	947.8	917.5	888.7	917.6	941.5	904.7	877.4	909.9	40- 50	779.7	2667	52.4,52.4
60	771.9	709.2	655.8	715.2	768.4	699.1	644.5	704.8	50- 60	726.5	3393	66.7,66.7
70	608.7	510.7	398.7	522.5	603.5	501.7	386.8	510.4	60- 70	600.5	3994	78.5,78.5
80	460.4	341.7	146.3	352.0	448.4	331.6	138.5	346.8	70- 80	434.2	4428	87.1,87.1
90	330.0	208.5	5.565	212.5	312.3	194.7	4.732	216.3	80- 90	272.7	4701	92.4,92.4
100	220.1	114.6	6.407	113.1	199.5	99.90	6.319	121.8	90-100	158.6	4859	95.6,95.6
110	134.5	59.43	9.089	56.84	115.6	49.75	8.984	64.06	100-110	88.29	4948	97.3,97.3
120	73.97	36.17	11.83	35.69	62.97	32.85	11.69	38.00	110-120	48.41	4996	98.2,98.2
130	48.98	31.00	14.46	30.97	44.92	29.11	14.29	31.82	120-130	30.18	5026	98.8,98.8
140	39.00	27.68	16.91	28.06	36.85	26.83	16.83	28.21	130-140	22.46	5049	99.3,99.3
150	32.30	24.86	19.08	25.69	31.11	24.86	19.10	25.07	140-150	16.54	5065	99.6,99.6
160	27.48	23.03	20.90	23.68	26.49	22.95	20.93	23.16	150-160	11.32	5077	99.8,99.8
170	23.76	22.72	22.27	22.69	23.31	22.54	22.32	22.63	160-170	6.553	5083	100,100
180	23.10	22.78	22.84	22.72	23.18	22.83	22.83	22.74	170-180	2.170	5085	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 2278.1 lm

%lum = 44.8%

%lamp = 44.8%

Conical surface Flux(120deg): 3393.4 lm

%lum = 66.7%

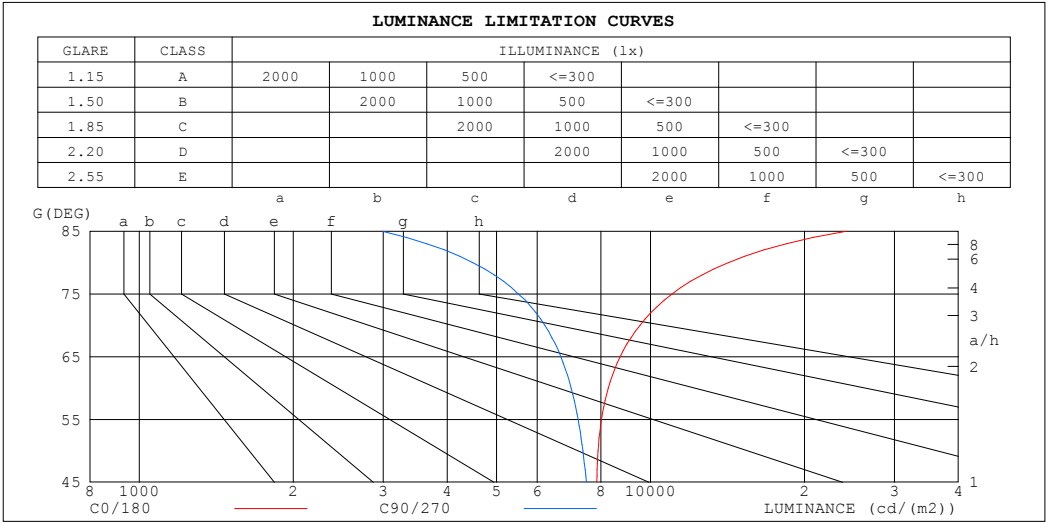
%lamp = 66.7%

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  
 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:230.50V I:0.1843A P:41.368W PF:0.9740 Freq:50.00Hz Lamp Flux:5085.35x1 lm		
NAME: LED444-W46 (42W 300mA 4000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.187450	SERIAL No.: 1
MFR.:	SUR.:	Shielding Angle:



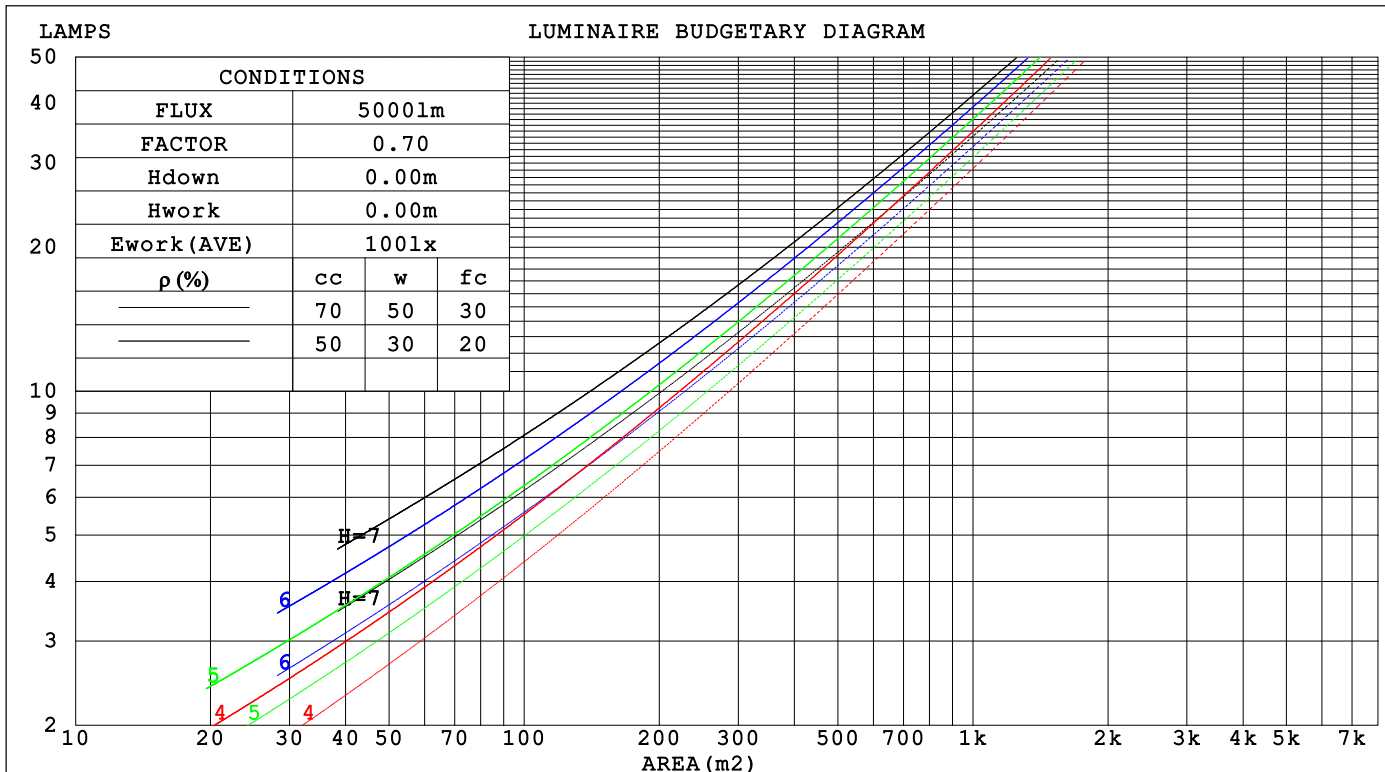
LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	24132	2992
80	14194	4492
75	11014	5514
70	9529	6216
65	8724	6673
60	8266	6994
55	8015	7213
50	7895	7372
45	7850	7491

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:

Test:U:230.50V I:0.1843A P:41.368W PF:0.9740 Freq:50.00Hz Lamp Flux:5085.35x1 lm		
NAME: LED444-W46 (42W 300mA 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	.53	.50
4.0	.66	.57	.50	.64	.56	.49	.61	.53	.48	.58	.51	.46	.55	.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



```

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:230.50V I:0.1843A P:41.368W PF:0.9740 Freq:50.00Hz Lamp Flux:5085.35x1 lm		
NAME: LED444-W46 (42W 300mA 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	.355	.202	.064	.346	.197	.063	.328	.188	.060	.312	.180	.058	.297	.172	.055		
2.0	.317	.174	.053	.308	.170	.052	.292	.163	.051	.278	.156	.049	.264	.149	.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	.209	.111	.033	.199	.107	.032		
6.0	.219	.110	.031	.213	.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	.141	.126	.112	.081	.073	.065	.026	.024	.021		
2.0	.234	.190	.153	.200	.164	.133	.137	.113	.093	.079	.066	.054	.025	.021	.018		
3.0	.226	.173	.131	.194	.149	.113	.133	.104	.080	.077	.061	.047	.025	.020	.015		
4.0	.219	.160	.116	.188	.138	.101	.129	.097	.071	.075	.057	.042	.024	.018	.014		
5.0	.211	.150	.105	.181	.130	.092	.125	.091	.065	.072	.053	.038	.023	.017	.013		
6.0	.203	.142	.098	.175	.123	.085	.121	.086	.060	.070	.051	.036	.023	.017	.012		
7.0	.196	.135	.092	.169	.117	.080	.117	.082	.057	.068	.048	.034	.022	.016	.011		
8.0	.190	.129	.088	.163	.112	.077	.113	.079	.054	.066	.047	.032	.021	.015	.011		
9.0	.184	.125	.085	.158	.108	.074	.110	.076	.052	.064	.045	.031	.021	.015	.010		
10.0	.178	.120	.082	.153	.105	.072	.106	.074	.051	.062	.043	.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:230.50V I:0.1843A P:41.368W PF:0.9740 Freq:50.00Hz Lamp Flux:5085.35x1 lm										
NAME: LED444-W46 (42W 300mA 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	19.8	21.2	20.1	21.6	21.9	19.1	20.6	19.5	20.9	21.3
3H	21.9	23.3	22.3	23.7	24.1	20.6	21.9	21.0	22.3	22.7
4H	23.1	24.4	23.5	24.8	25.2	21.1	22.4	21.6	22.8	23.2
6H	24.4	25.6	24.8	26.0	26.4	21.5	22.7	22.0	23.1	23.6
8H	25.1	26.3	25.5	26.7	27.1	21.6	22.8	22.1	23.2	23.7
12H	25.9	27.0	26.3	27.5	27.9	21.6	22.8	22.1	23.2	23.7
4H 2H	20.3	21.6	20.8	22.0	22.4	19.8	21.1	20.3	21.5	21.9
3H	22.7	23.9	23.2	24.3	24.8	21.5	22.7	22.0	23.1	23.6
4H	24.1	25.1	24.6	25.6	26.1	22.2	23.3	22.7	23.8	24.2
6H	25.6	26.5	26.1	27.0	27.5	22.8	23.7	23.3	24.2	24.7
8H	26.4	27.3	26.9	27.8	28.3	22.9	23.8	23.5	24.3	24.9
12H	27.4	28.2	27.9	28.7	29.2	23.0	23.8	23.6	24.4	24.9
8H 4H	24.4	25.3	24.9	25.8	26.3	22.9	23.7	23.4	24.2	24.8
6H	26.2	26.9	26.7	27.5	28.0	23.7	24.4	24.2	24.9	25.5
8H	27.2	27.9	27.8	28.4	29.0	24.0	24.6	24.5	25.2	25.8
12H	28.4	29.0	29.0	29.6	30.2	24.2	24.8	24.8	25.3	26.0
12H 4H	24.4	25.2	25.0	25.8	26.3	23.0	23.8	23.6	24.4	24.9
6H	26.3	26.9	26.9	27.5	28.1	24.0	24.6	24.6	25.2	25.8
8H	27.4	28.0	28.0	28.6	29.2	24.4	25.0	25.0	25.6	26.2
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, 5085 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 5.7)  
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:230.50V I:0.1843A P:41.368W PF:0.9740 Freq:50.00Hz Lamp Flux:5085.35x1 lm		
NAME: LED444-W46 (42W 300mA 4000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.187450	SERIAL No.: 1
MFR.:	SUR.:	Shielding Angle:

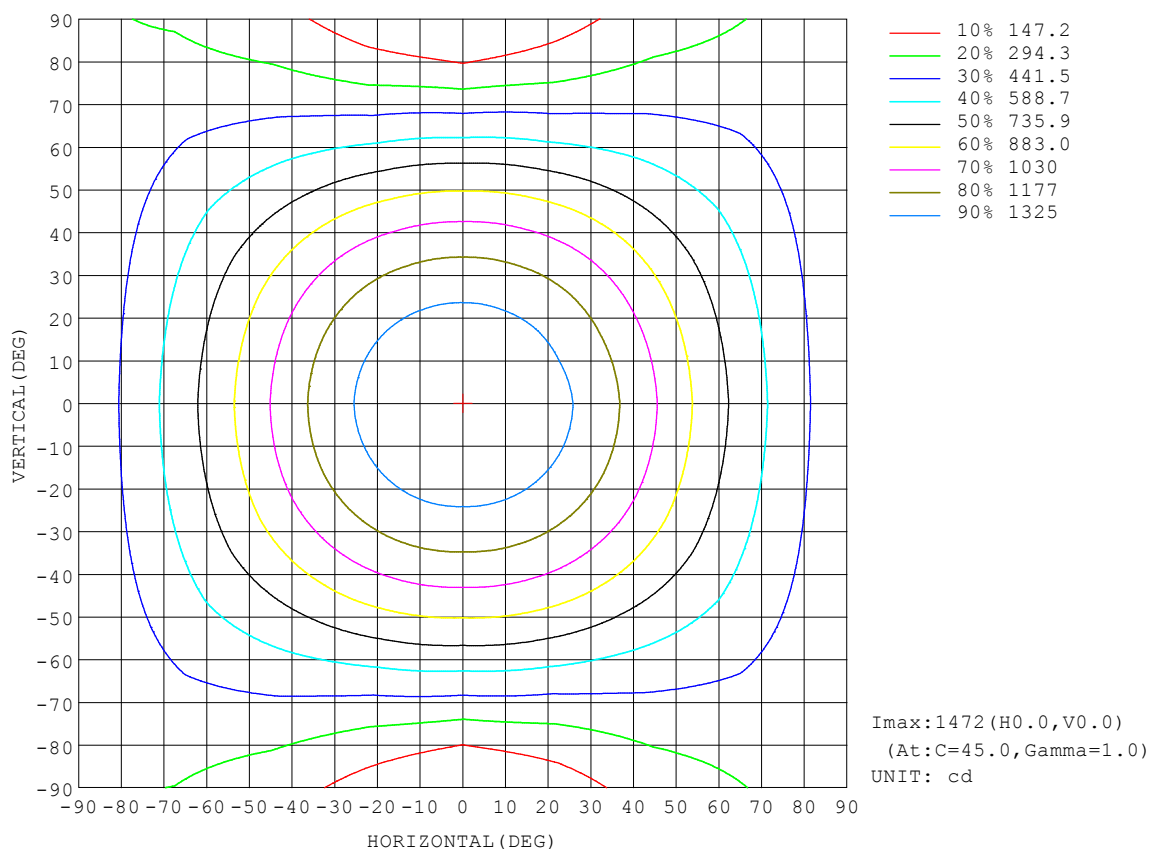
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	53	41	34	52	41	34	51	40	33	27
0.80	63	50	42	61	50	42	59	49	42	34
1.00	71	59	51	69	58	50	66	59	49	42
1.25	78	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	83	95	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

$\gamma$  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:230.50V I:0.1843A P:41.368W PF:0.9740 Freq:50.00Hz Lamp Flux:5085.35x1 lm		
NAME: LED444-W46 (42W 300mA 4000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.187450	SERIAL No.: 1
MFR.:	SUR.:	Shielding Angle:



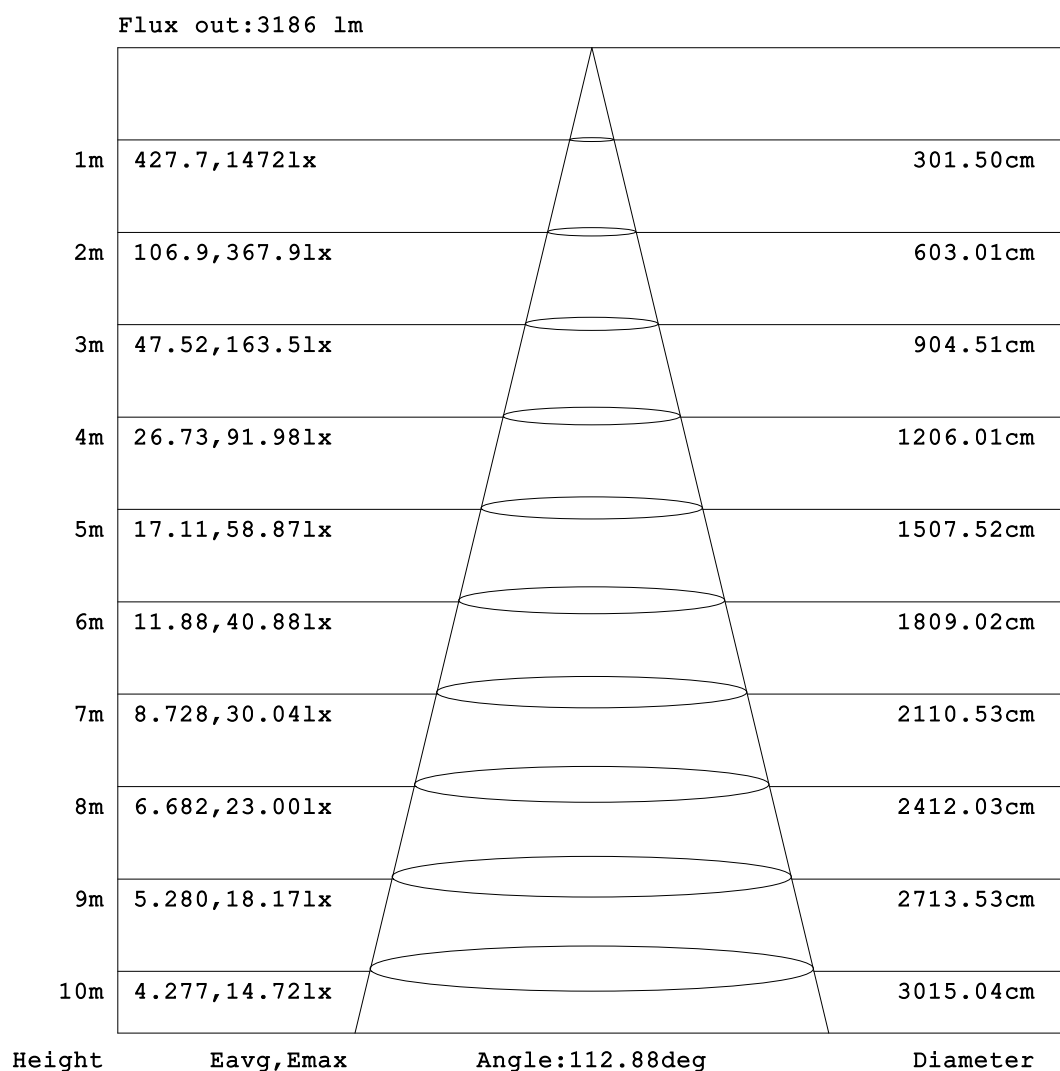
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:DAMIN  
Test Date:2024-04-02

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:230.50V I:0.1843A P:41.368W PF:0.9740 Freq:50.00Hz Lamp Flux:5085.35x1 lm		
NAME: LED444-W46 (42W 300mA 4000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.187450	SERIAL No.: 1
MFR.:	SUR.:	Shielding Angle:



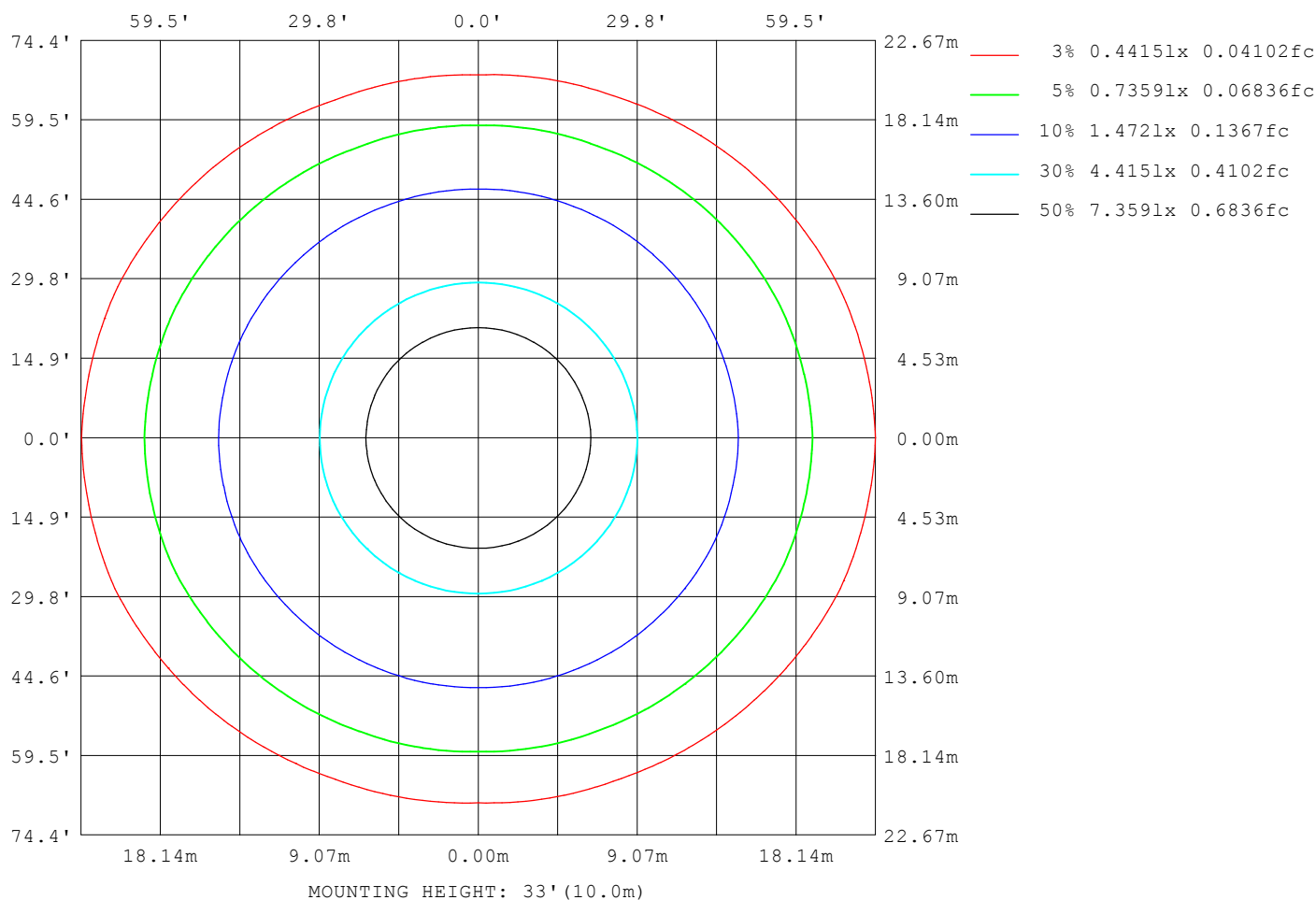
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:230.50V I:0.1843A P:41.368W PF:0.9740 Freq:50.00Hz Lamp Flux:5085.35x1 lm		
NAME: LED444-W46 (42W 300mA 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:230.50V I:0.1843A P:41.368W PF:0.9740 Freq:50.00Hz Lamp Flux:5085.35x1 lm		
NAME: LED444-W46 (42W 300mA 4000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.187450	SERIAL No.: 1
MFR.:	SUR.:	Shielding Angle:

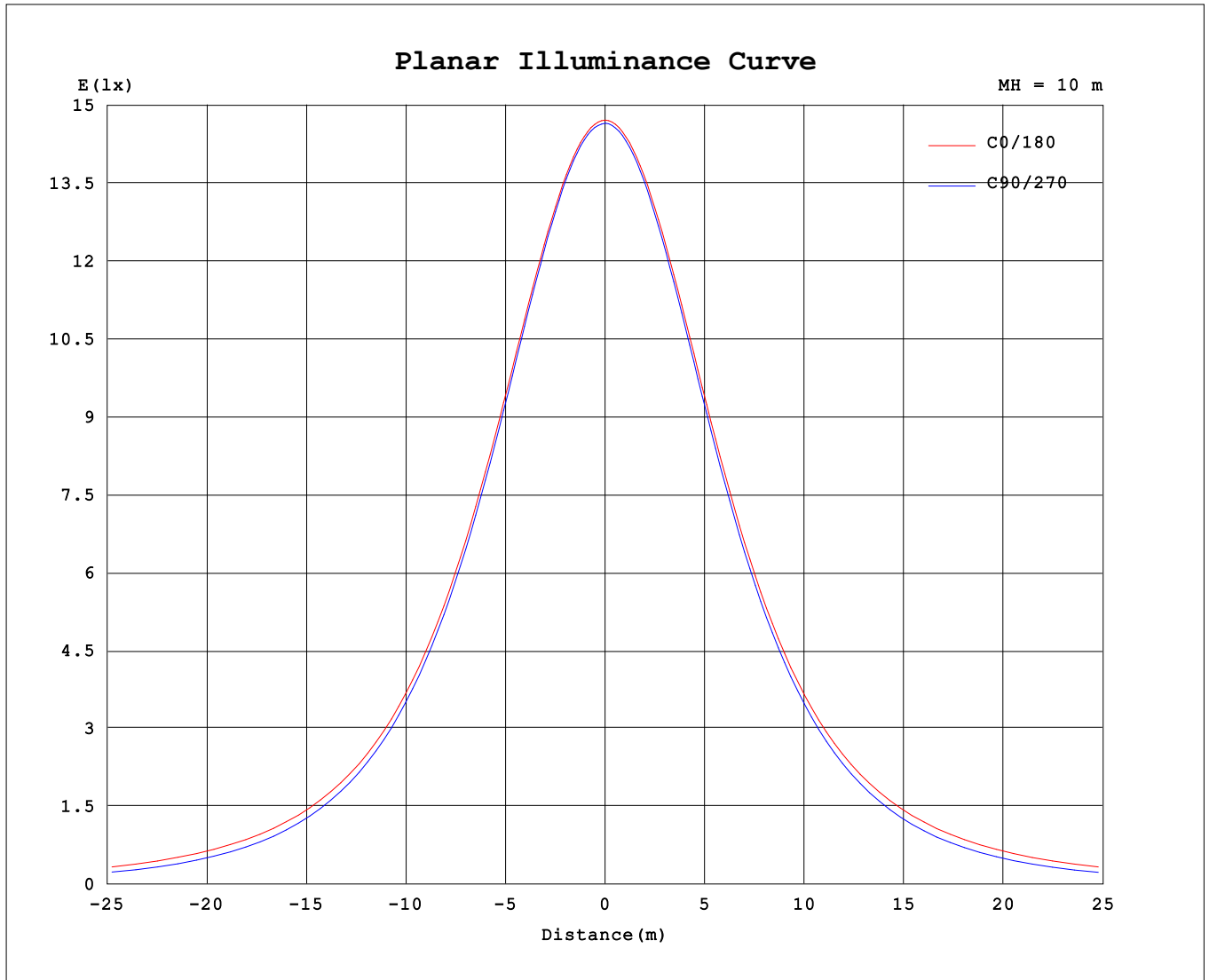
AvgL	cd/m2
L_0~180 (65) av	8667
L_0~180 (75) av	10875
L_0~180 (85) av	23585
L_90~270 (65) av	6594
L_90~270 (75) av	5418
L_90~270 (85) av	2841
L_45 (65) av	7662
L_45 (75) av	8726
L_45 (85) av	16568

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

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:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.50V I:0.1843A P:41.368W PF:0.9740 Freq:50.00Hz Lamp Flux:5085.35x1 lm		
NAME: LED444-W46 (42W 300mA 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	1466	1466	1466	1466	1466	1466	1466	1466	1466	1466	1466	1466	1466	1466	1466	1466			
5	1461	1461	1461	1461	1461	1461	1461	1461	1460	1460	1460	1459	1459	1459	1459	1460			
10	1445	1445	1444	1443	1442	1444	1444	1445	1444	1443	1442	1440	1439	1440	1441	1442			
15	1417	1417	1416	1414	1412	1415	1416	1417	1415	1414	1412	1408	1407	1409	1411	1413			
20	1378	1378	1375	1372	1370	1373	1376	1378	1376	1373	1370	1365	1364	1365	1370	1373			
25	1329	1328	1323	1319	1316	1320	1324	1328	1325	1322	1317	1310	1308	1311	1317	1322			
30	1270	1268	1261	1255	1251	1256	1261	1268	1264	1260	1253	1245	1242	1246	1255	1261			
35	1200	1198	1189	1181	1174	1181	1188	1197	1193	1188	1179	1168	1165	1170	1181	1190			
40	1122	1119	1107	1096	1089	1097	1106	1117	1114	1107	1096	1082	1079	1085	1099	1110			
45	1037	1031	1016	1002	993	1002	1015	1030	1029	1019	1004	987	982	991	1008	1023			
50	948	939	917	900	889	900	918	940	942	928	905	883	877	888	910	931			
55	859	846	814	790	776	790	816	850	854	836	802	773	765	778	808	839			
60	772	754	709	673	656	675	715	760	768	746	699	656	645	663	705	748			
65	689	666	607	551	529	556	616	673	685	658	599	536	516	544	606	662			
70	609	583	511	431	399	439	523	589	604	574	502	418	387	427	510	579			
75	532	501	422	318	268	331	434	507	523	493	413	307	258	320	425	502			
80	460	428	342	221	146	236	352	430	448	417	332	211	138	227	347	429			
85	393	359	270	143	48.9	157	277	359	378	345	258	133	43.9	153	277	361			
90	330	297	208	86.1	5.56	96.6	213	293	312	279	195	76.8	4.73	96.8	216	299			
95	272	241	157	49.2	5.17	55.8	158	234	253	221	142	41.5	5.11	58.5	165	242			
100	220	191	115	29.1	6.41	32.7	113	182	199	170	99.9	24.2	6.32	35.6	122	192			
105	174	148	82.3	20.9	7.73	23.0	79.7	138	154	128	69.5	18.6	7.63	24.7	88.4	149			
110	134	112	59.4	19.1	9.09	20.5	56.8	102	116	94.5	49.7	17.7	8.98	21.4	64.1	113			
115	102	84.0	44.3	18.8	10.5	19.8	43.0	74.1	86.0	67.1	37.6	17.5	10.4	20.5	46.3	85.2			
120	74.0	59.9	36.2	18.8	11.8	19.7	35.7	54.8	63.0	51.6	32.9	17.6	11.7	20.0	38.0	60.8			
125	58.3	48.9	33.0	18.9	13.2	19.6	33.0	46.2	51.3	44.0	30.7	17.9	13.0	19.8	34.2	49.3			
130	49.0	42.7	31.0	19.4	14.5	19.9	31.0	41.3	44.9	39.7	29.1	18.4	14.3	20.0	31.8	42.9			
135	43.2	38.8	29.3	19.7	15.7	20.2	29.4	37.7	40.5	36.5	27.9	18.9	15.6	20.1	29.9	38.9			
140	39.0	35.5	27.7	19.8	16.9	20.5	28.1	34.7	36.8	33.7	26.8	19.4	16.8	20.3	28.2	35.5			
145	35.4	32.6	26.1	19.8	18.0	20.7	26.9	32.1	33.8	31.3	25.8	19.6	18.0	20.4	26.5	32.5			
150	32.3	30.3	24.9	20.2	19.1	20.6	25.7	29.9	31.1	29.3	24.9	20.1	19.1	20.3	25.1	30.1			
155	29.7	28.3	24.0	20.8	20.0	21.1	24.6	27.8	28.7	27.3	24.0	20.7	20.1	20.8	24.1	28.1			
160	27.5	26.6	23.0	21.4	20.9	21.5	23.7	26.0	26.5	25.6	23.0	21.2	20.9	21.3	23.2	26.2			
165	25.5	24.2	22.7	21.9	21.7	21.9	23.0	24.1	24.6	23.7	22.7	21.7	21.7	21.8	22.6	24.3			
170	23.8	23.3	22.7	22.3	22.3	22.3	22.7	23.0	23.3	23.0	22.5	22.2	22.3	22.2	22.6	23.3			
175	23.1	22.9	22.7	22.7	22.7	22.7	22.6	22.7	22.9	22.6	22.7	22.6	22.7	22.5	22.7	22.9			
180	23.1	22.9	22.8	22.8	22.8	22.8	22.7	22.8	23.2	22.8	22.8	22.8	22.8	22.7	22.7	22.8			

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: