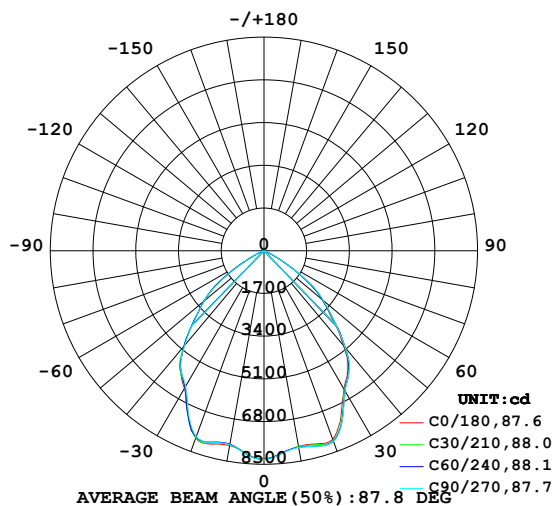


## LUMINAIRE PHOTOMETRIC TEST REPORT

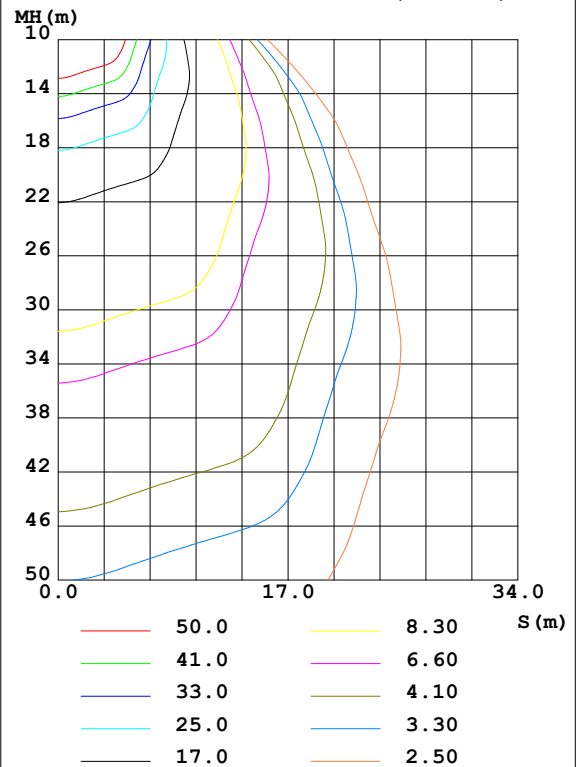
Test:U:220.16V I:0.4912A P:97.347W PF:0.9159 Freq:49.99Hz Lamp Flux:15424.5x1 lm		
NAME: 360-HB65-100W	TYPE:	WEIGHT: 4.8KG
SPEC.:	DIM.: $\phi$ 360*178MM	SERIAL No.: 1
MFR.:	SUR.: $\phi$ 284MM	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 158.45 lm/W			
MODEL	360-HB65-100W	I <sub>max</sub> (cd)	8324	S/MH (C0/180)	1.15
NOMINAL POWER (W)	100	LOR (%)	100.0	S/MH (C90/270)	1.14
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	15424	$\eta$ UP,DN (C0-180)	0.3,49.8
NOMINAL FLUX (lm)	15424.5	CIE CLASS	DIRECT	$\eta$ UP,DN (C180-360)	0.4,49.4
LAMPS INSIDE	1	$\eta$ up (%)	0.7	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	220	$\eta$ down (%)	99.3	CIBSE SHR MAX	1.25

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2024-1-8

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.446  
Humidity:65.0%  
Test Distance:11.550m [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	7906	7926	7944	7948	7874	7823	7837	7924	0- 10	766.8	766.8	4.97,4.97
20	7989	8058	8079	8016	7933	7906	7880	7948	10- 20	2262	3028	19.6,19.6
30	6367	6428	6461	6426	6332	6275	6237	6320	20- 30	3318	6347	41.1,41.1
40	4916	5032	5030	5012	4965	4951	4907	4989	30- 40	3615	9962	64.6,64.6
50	3021	3031	3090	3092	3130	3115	3096	3101	40- 50	3061	13023	84.4,84.4
60	907.0	961.8	989.1	1015	1057	1036	931.4	957.9	50- 60	1863	14886	96.5,96.5
70	94.55	92.25	88.74	88.88	84.81	83.12	82.77	84.07	60- 70	357.0	15243	98.8,98.8
80	30.29	30.55	29.54	29.92	25.85	25.64	25.80	26.30	70- 80	49.33	15292	99.1,99.1
90	14.61	14.62	14.61	14.66	12.78	12.83	12.87	12.93	80- 90	20.86	15313	99.3,99.3
100	14.05	14.03	14.02	14.07	14.44	14.52	14.60	14.63	90-100	15.20	15328	99.4,99.4
110	14.43	14.42	14.39	14.43	17.14	17.26	17.35	17.38	100-110	15.83	15344	99.5,99.5
120	15.91	15.89	15.86	15.93	19.37	19.50	19.61	19.63	110-120	16.75	15361	99.6,99.6
130	17.49	17.50	17.50	17.59	20.11	20.25	20.35	20.35	120-130	16.41	15377	99.7,99.7
140	18.56	18.57	18.61	18.70	21.34	21.47	21.55	21.56	130-140	15.07	15392	99.8,99.8
150	19.94	19.98	20.02	20.12	22.87	22.96	23.03	23.09	140-150	13.03	15405	99.9,99.9
160	22.01	22.02	22.05	22.16	24.09	24.17	24.26	24.32	150-160	10.30	15415	99.9,99.9
170	23.57	23.60	23.67	23.73	25.19	25.29	25.37	25.44	160-170	6.743	15422	100,100
180	24.45	24.48	24.58	24.66	24.43	24.51	24.61	24.65	170-180	2.343	15424	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 11612 lm

%lum = 75.3%

%lamp = 75.3%

Conical surface Flux(120deg): 14886 lm

%lum = 96.5%

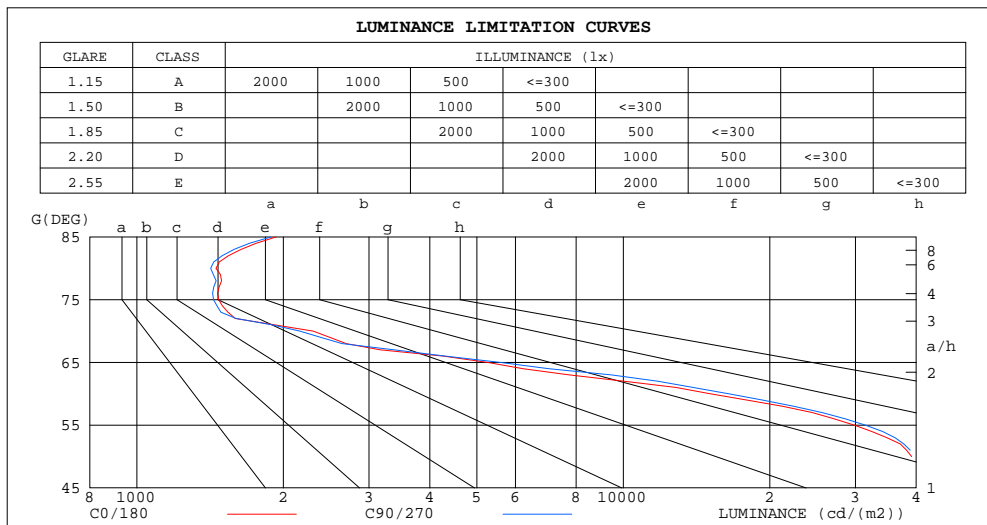
%lamp = 96.5%

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2024-1-8

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 $\gamma$  Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.446  
 Humidity:65.0%  
 Test Distance:11.550m [K=1.0000]  
 Remarks:

## LUMINANCE LIMITATION CURVES

Test:U:220.16V I:0.4912A P:97.347W PF:0.9159 Freq:49.99Hz Lamp Flux:15424.5x1 lm		
NAME: 360-HB65-100W	TYPE:	WEIGHT: 4.8KG
SPEC.:	DIM.: $\phi 360 \times 178\text{MM}$	SERIAL No.: 1
MFR.:	SUR.: $\phi 284\text{MM}$	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	1932	1886
80	1454	1418
75	1473	1438
70	2304	2162
65	5269	5599
60	15116	16484
55	29877	31483
50	39159	40056
45	45359	46426

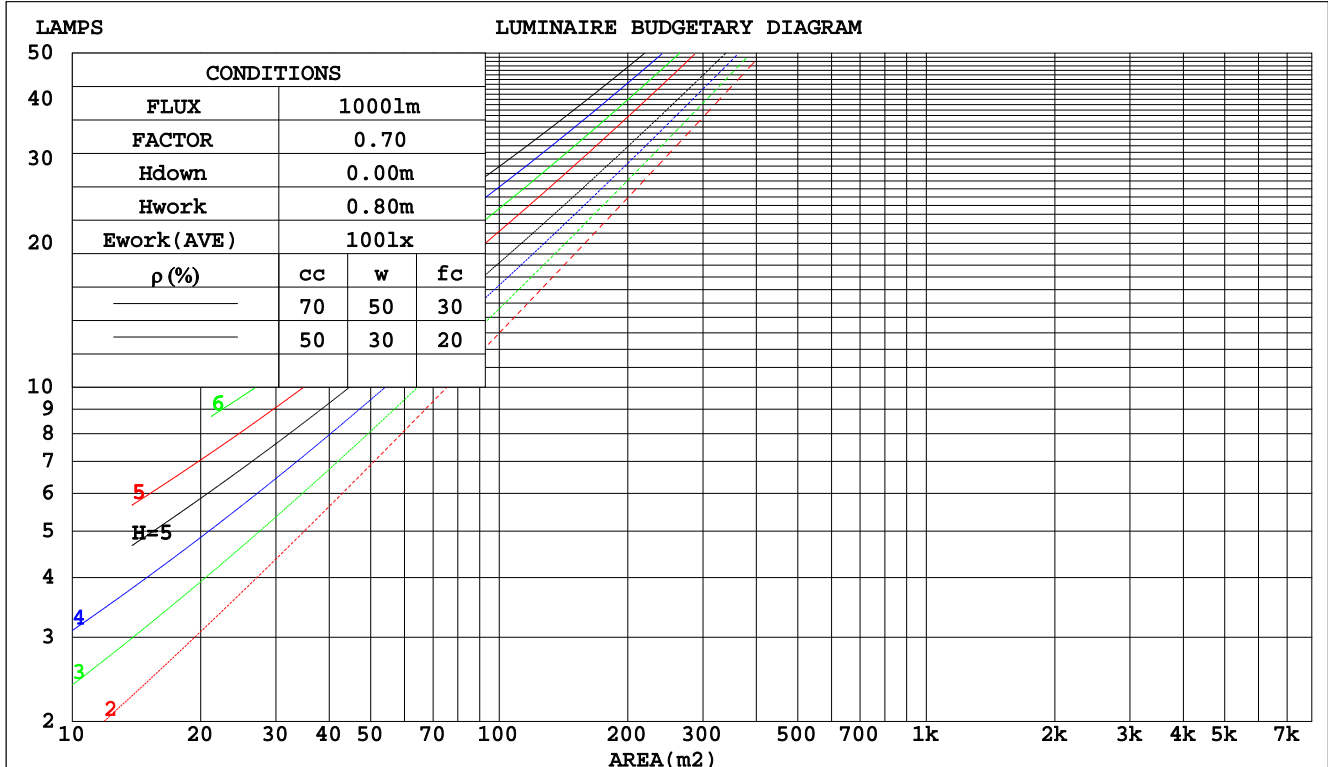
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2024-1-8

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.446  
Humidity: 65.0%  
Test Distance: 11.550m [K=1.0000]  
Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.16V I:0.4912A P:97.347W PF:0.9159 Freq:49.99Hz Lamp Flux:15424.5x1 lm		
NAME: 360-HB65-100W	TYPE:	WEIGHT: 4.8KG
SPEC.:	DIM.: $\phi 360 \times 178\text{MM}$	SERIAL No.: 1
MFR.:	SUR.: $\phi 284\text{MM}$	Shielding Angle:

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	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	1.01	1.01	1.01	.99
1.0	1.08	1.05	1.02	1.06	1.03	1.01	1.02	.99	.97	.98	.96	.94	.94	.93	.91	.89
2.0	.98	.93	.88	.96	.91	.87	.93	.89	.85	.89	.86	.83	.86	.84	.81	.79
3.0	.88	.82	.77	.87	.81	.76	.84	.79	.75	.81	.77	.74	.79	.75	.72	.70
4.0	.80	.73	.68	.79	.72	.67	.77	.71	.66	.74	.69	.65	.72	.68	.64	.63
5.0	.73	.65	.60	.72	.65	.60	.70	.64	.59	.68	.63	.58	.66	.61	.58	.56
6.0	.67	.59	.54	.66	.59	.53	.64	.58	.53	.62	.57	.52	.61	.56	.52	.50
7.0	.61	.53	.48	.60	.53	.48	.59	.52	.48	.57	.52	.47	.56	.51	.47	.45
8.0	.56	.49	.44	.56	.48	.43	.54	.48	.43	.53	.47	.43	.52	.47	.43	.41
9.0	.52	.45	.40	.51	.44	.40	.50	.44	.39	.49	.43	.39	.48	.43	.39	.37
10.0	.48	.41	.36	.48	.41	.36	.47	.40	.36	.46	.40	.36	.45	.40	.36	.34



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2024-1-8

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.446  
Humidity: 65.0%  
Test Distance: 11.550m [K=1.0000]  
Remarks:

## WEC AND CCEC

Test:U:220.16V I:0.4912A P:97.347W PF:0.9159 Freq:49.99Hz Lamp Flux:15424.5x1 lm		
NAME: 360-HB65-100W	TYPE:	WEIGHT: 4.8KG
SPEC.:	DIM.: $\phi$ 360*178MM	SERIAL No.: 1
MFR.:	SUR.: $\phi$ 284MM	Shielding Angle:

$\rho_{cc}$	80%			70%			50%			30%			10%			0	
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
$\rho_{fc}$	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.223	.127	.040	.216	.123	.039	.203	.116	.037	.191	.110	.035	.179	.104	.034		
2.0	.219	.120	.037	.213	.117	.036	.201	.112	.035	.191	.107	.034	.181	.102	.032		
3.0	.210	.112	.034	.205	.110	.033	.195	.106	.032	.186	.102	.031	.177	.098	.030		
4.0	.200	.104	.031	.196	.102	.030	.187	.099	.030	.179	.096	.029	.171	.093	.028		
5.0	.190	.097	.028	.186	.096	.028	.178	.093	.027	.171	.090	.027	.164	.088	.026		
6.0	.180	.090	.026	.177	.089	.026	.170	.087	.025	.163	.085	.025	.157	.083	.025		
7.0	.171	.085	.024	.168	.084	.024	.162	.082	.024	.156	.080	.023	.150	.078	.023		
8.0	.162	.079	.022	.159	.078	.022	.154	.077	.022	.148	.075	.022	.143	.074	.021		
9.0	.154	.075	.021	.151	.074	.021	.146	.072	.021	.142	.071	.020	.137	.070	.020		
10.0	.146	.070	.019	.144	.070	.019	.139	.068	.019	.135	.067	.019	.131	.066	.019		

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.196	.196	.196	.168	.168	.168	.114	.114	.114	.066	.066	.066	.021	.021	.021	
1.0	.180	.162	.147	.154	.139	.126	.105	.096	.087	.061	.056	.051	.019	.018	.016	
2.0	.168	.138	.112	.144	.119	.097	.099	.082	.068	.057	.048	.040	.018	.015	.013	
3.0	.159	.120	.088	.136	.103	.077	.093	.072	.054	.054	.042	.032	.017	.014	.010	
4.0	.150	.106	.071	.129	.091	.062	.089	.064	.044	.051	.037	.026	.017	.012	.008	
5.0	.143	.095	.059	.123	.082	.051	.085	.057	.036	.049	.034	.021	.016	.011	.007	
6.0	.137	.086	.050	.117	.074	.043	.081	.052	.031	.047	.031	.018	.015	.010	.006	
7.0	.131	.079	.043	.112	.068	.037	.078	.048	.026	.045	.028	.016	.015	.009	.005	
8.0	.125	.073	.037	.108	.063	.033	.074	.045	.023	.043	.026	.014	.014	.009	.005	
9.0	.120	.068	.033	.103	.059	.029	.071	.042	.021	.042	.025	.012	.013	.008	.004	
10.0	.115	.064	.030	.099	.055	.026	.069	.039	.019	.040	.023	.011	.013	.008	.004	

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2024-1-8

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.446  
Humidity:65.0%  
Test Distance:11.550m [K=1.0000]  
Remarks:

## UGR(Unified Glare Rating) Table

Test:U:220.16V I:0.4912A P:97.347W PF:0.9159 Freq:49.99Hz Lamp Flux:15424.5x1 lm											
NAME: 360-HB65-100W					TYPE:			WEIGHT: 4.8KG			
SPEC.:					DIM.: $\phi$ 360*178MM			SERIAL No.: 1			
MFR.:					SUR.: $\phi$ 284MM			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	21.5	22.8	21.9	23.1	23.5	21.6	23.0	22.0	23.3	23.6	
	3H	21.4	22.6	21.8	22.9	23.3	21.5	22.7	21.9	23.0	23.4
	4H	21.3	22.4	21.7	22.8	23.2	21.5	22.5	21.9	22.9	23.3
	6H	21.2	22.2	21.7	22.6	23.0	21.4	22.4	21.8	22.8	23.2
	8H	21.2	22.2	21.7	22.6	23.0	21.4	22.3	21.8	22.7	23.1
	12H	21.2	22.1	21.6	22.5	22.9	21.3	22.2	21.8	22.6	23.1
4H	2H	21.3	22.4	21.7	22.8	23.2	21.5	22.6	21.9	22.9	23.3
	3H	21.2	22.1	21.7	22.5	23.0	21.4	22.3	21.8	22.7	23.1
	4H	21.2	22.0	21.6	22.4	22.8	21.3	22.1	21.8	22.5	23.0
	6H	21.1	21.8	21.6	22.2	22.7	21.3	21.9	21.7	22.4	22.9
	8H	21.1	21.7	21.5	22.1	22.6	21.2	21.8	21.7	22.3	22.8
	12H	21.0	21.6	21.5	22.1	22.6	21.2	21.7	21.7	22.2	22.7
8H	4H	21.0	21.7	21.5	22.1	22.6	21.2	21.8	21.7	22.3	22.8
	6H	21.0	21.5	21.5	22.0	22.5	21.1	21.6	21.6	22.1	22.6
	8H	20.9	21.4	21.4	21.9	22.4	21.1	21.5	21.6	22.0	22.6
	12H	20.9	21.3	21.4	21.8	22.4	21.0	21.4	21.5	21.9	22.5
12H	4H	21.0	21.5	21.5	22.0	22.5	21.1	21.7	21.6	22.2	22.7
	6H	20.9	21.4	21.4	21.8	22.4	21.1	21.5	21.6	22.0	22.6
	8H	20.9	21.3	21.4	21.8	22.4	21.0	21.4	21.5	21.9	22.5
CIE190: 2010											

CIE190: 2010  
Area: 0.12 m2

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2024-1-8

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.446  
Humidity:65.0%  
Test Distance:11.550m [K=1.0000]  
Remarks:

### UTILIZATION FACTORS TABLE

Test:U:220.16V I:0.4912A P:97.347W PF:0.9159 Freq:49.99Hz Lamp Flux:15424.5x1 lm		
NAME: 360-HB65-100W	TYPE:	WEIGHT: 4.8KG
SPEC.:	DIM.: $\phi 360 \times 178\text{MM}$	SERIAL No.: 1
MFR.:	SUR.: $\phi 284\text{MM}$	Shielding Angle:

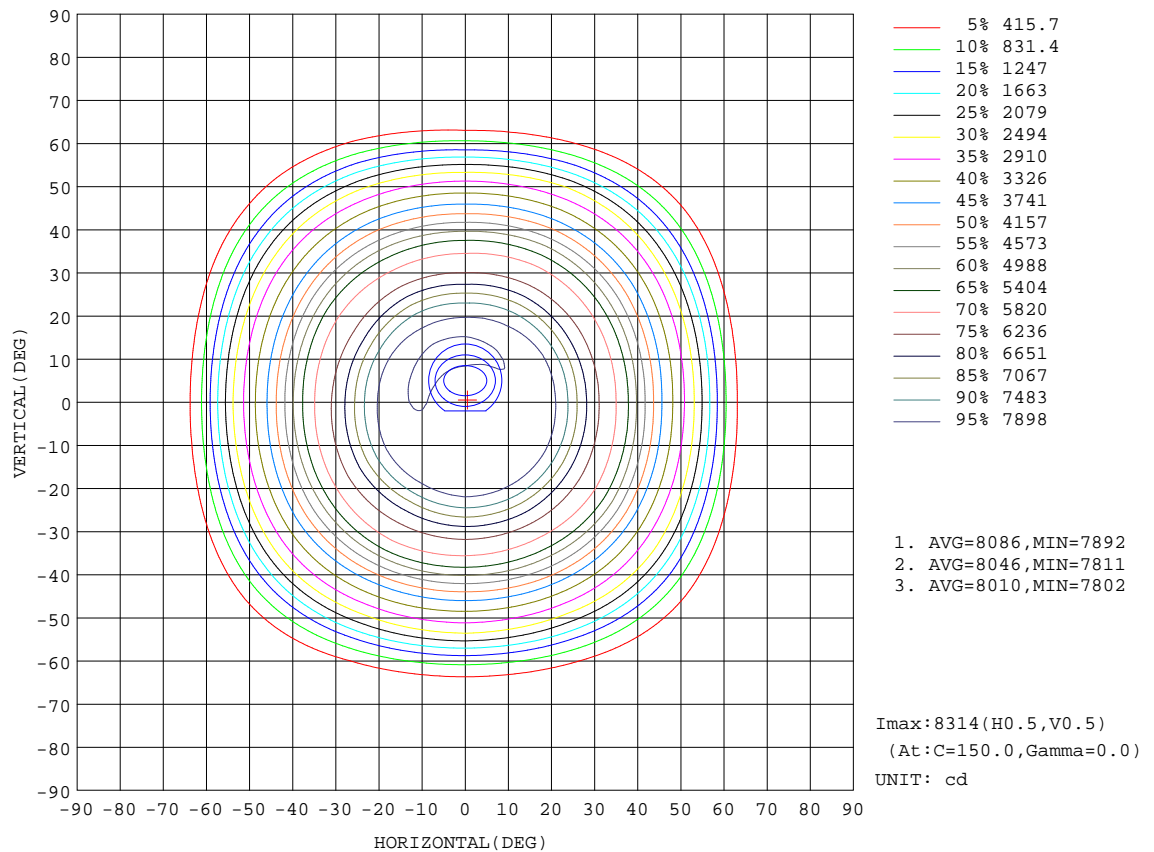
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	68	59	53	68	59	53	67	58	53	47
0.80	79	70	64	78	69	64	76	68	63	58
1.00	87	79	73	86	78	73	84	79	72	67
1.25	93	86	80	92	85	80	90	84	79	73
1.50	98	90	85	96	90	85	93	88	84	78
2.00	103	97	92	101	96	91	98	93	90	83
2.50	105	100	96	103	98	95	100	96	93	86
3.00	108	103	99	106	101	98	102	98	96	88
4.00	110	106	103	108	104	102	104	101	99	91
5.00	112	108	105	109	106	104	105	103	101	92
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:  
 Test Date:2024-1-8

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.446  
 Humidity:65.0%  
 Test Distance:11.550m [K=1.0000]  
 Remarks:

## ISOCANDELA DIAGRAM

Test:U:220.16V I:0.4912A P:97.347W PF:0.9159 Freq:49.99Hz Lamp Flux:15424.5x1 lm		
NAME: 360-HB65-100W	TYPE:	WEIGHT: 4.8KG
SPEC.:	DIM.: $\phi 360 \times 178\text{MM}$	SERIAL No.: 1
MFR.:	SUR.: $\phi 284\text{MM}$	Shielding Angle:



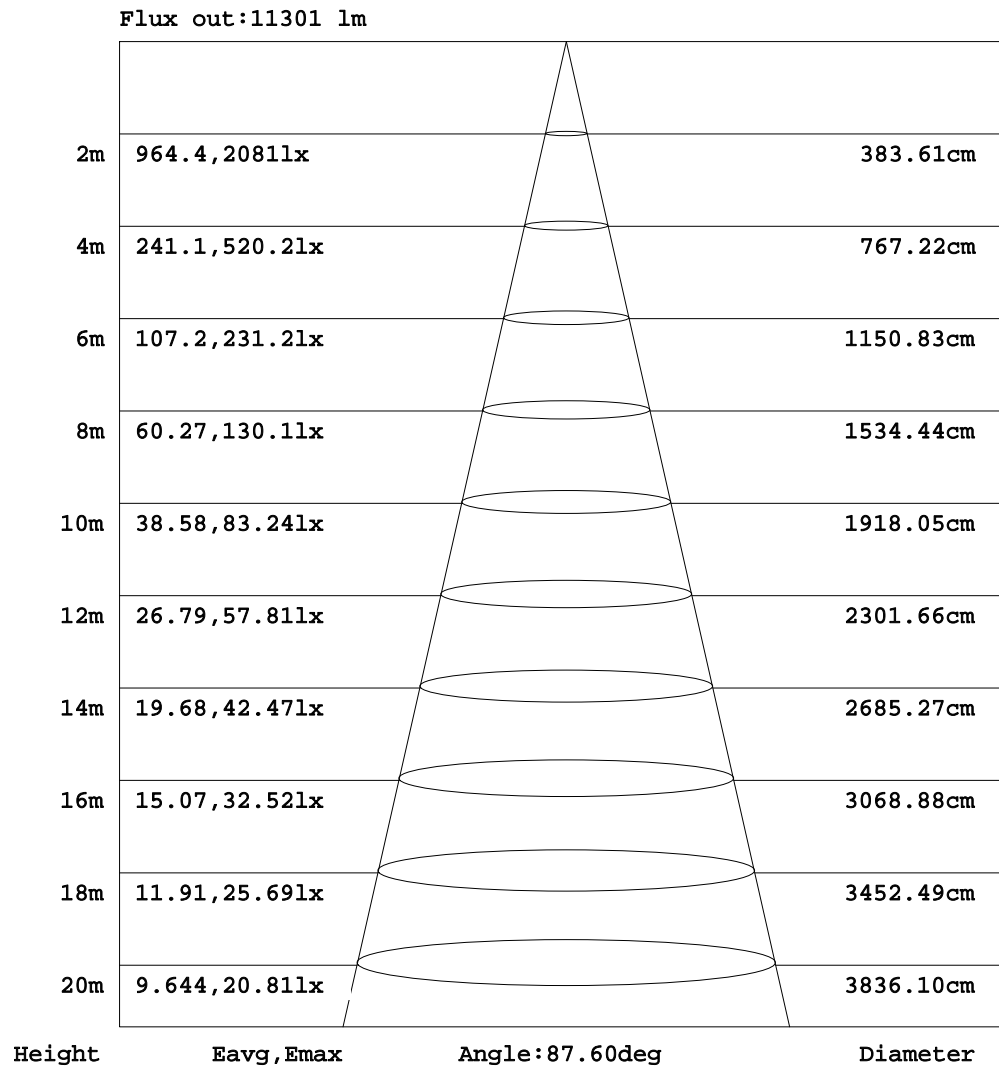
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2024-1-8

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.446  
Humidity:65.0%  
Test Distance:11.550m [K=1.0000]  
Remarks:



AAI Figure

Test:U:220.16V I:0.4912A P:97.347W PF:0.9159 Freq:49.99Hz Lamp Flux:15424.5x1 lm		
NAME: 360-HB65-100W	TYPE:	WEIGHT: 4.8KG
SPEC.:	DIM.: $\phi 360 \times 178\text{MM}$	SERIAL No.: 1
MFR.:	SUR.: $\phi 284\text{MM}$	Shielding Angle:



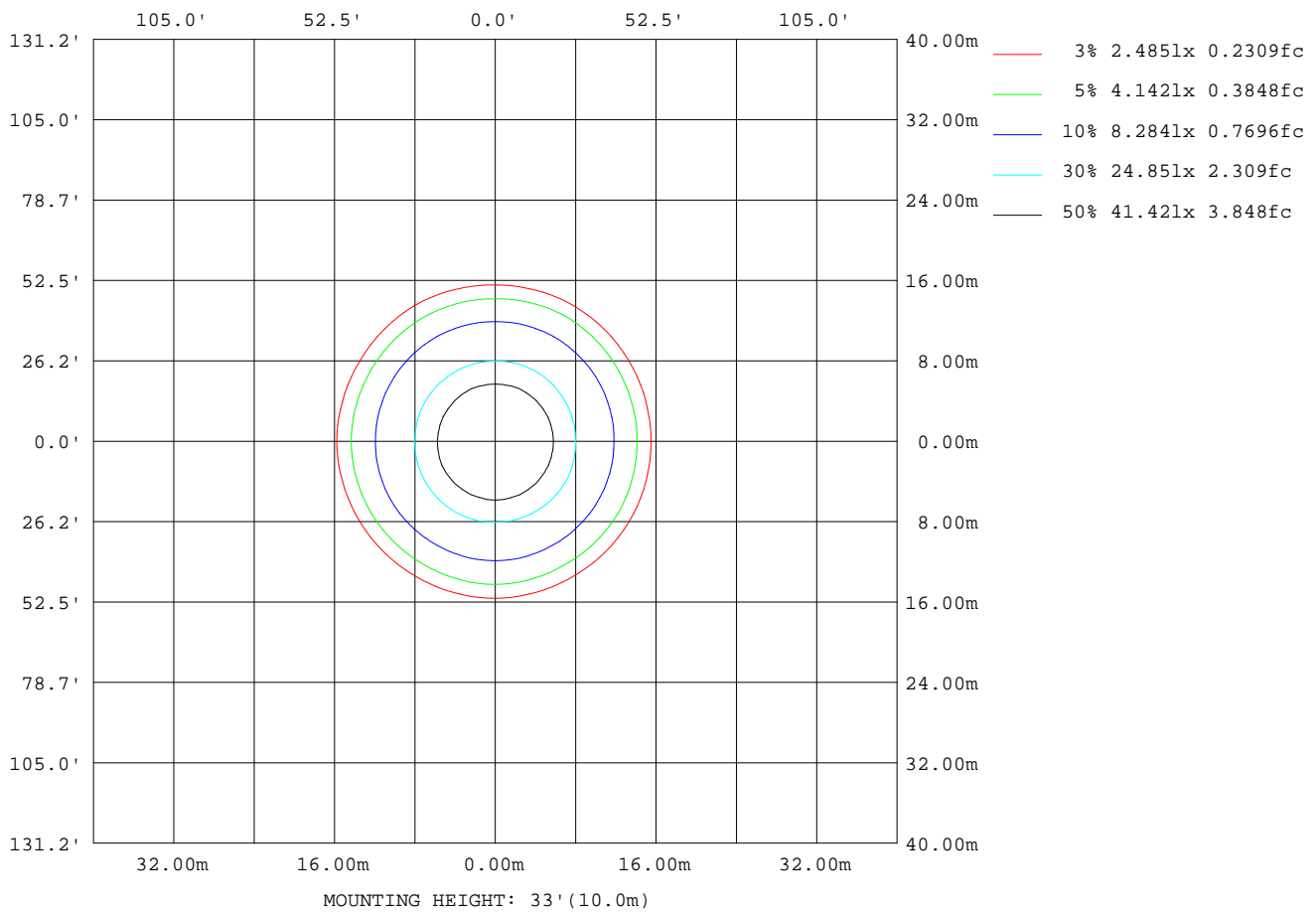
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2024-1-8

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.446  
Humidity: 65.0%  
Test Distance: 11.550m [K=1.0000]  
Remarks:

ISOLUX DIAGRAM

Test:U:220.16V I:0.4912A P:97.347W PF:0.9159 Freq:49.99Hz Lamp Flux:15424.5x1 lm		
NAME: 360-HB65-100W	TYPE:	WEIGHT: 4.8KG
SPEC.:	DIM.: $\phi 360 \times 178\text{MM}$	SERIAL No.: 1
MFR.:	SUR.: $\phi 284\text{MM}$	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2024-1-8

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.446  
Humidity: 65.0%  
Test Distance: 11.550m [K=1.0000]  
Remarks:

## LED Avg.L Report

Test:U:220.16V I:0.4912A P:97.347W PF:0.9159 Freq:49.99Hz Lamp Flux:15424.5x1 lm		
NAME: 360-HB65-100W	TYPE:	WEIGHT: 4.8KG
SPEC.:	DIM.: $\phi$ 360*178MM	SERIAL No.: 1
MFR.:	SUR.: $\phi$ 284MM	Shielding Angle:

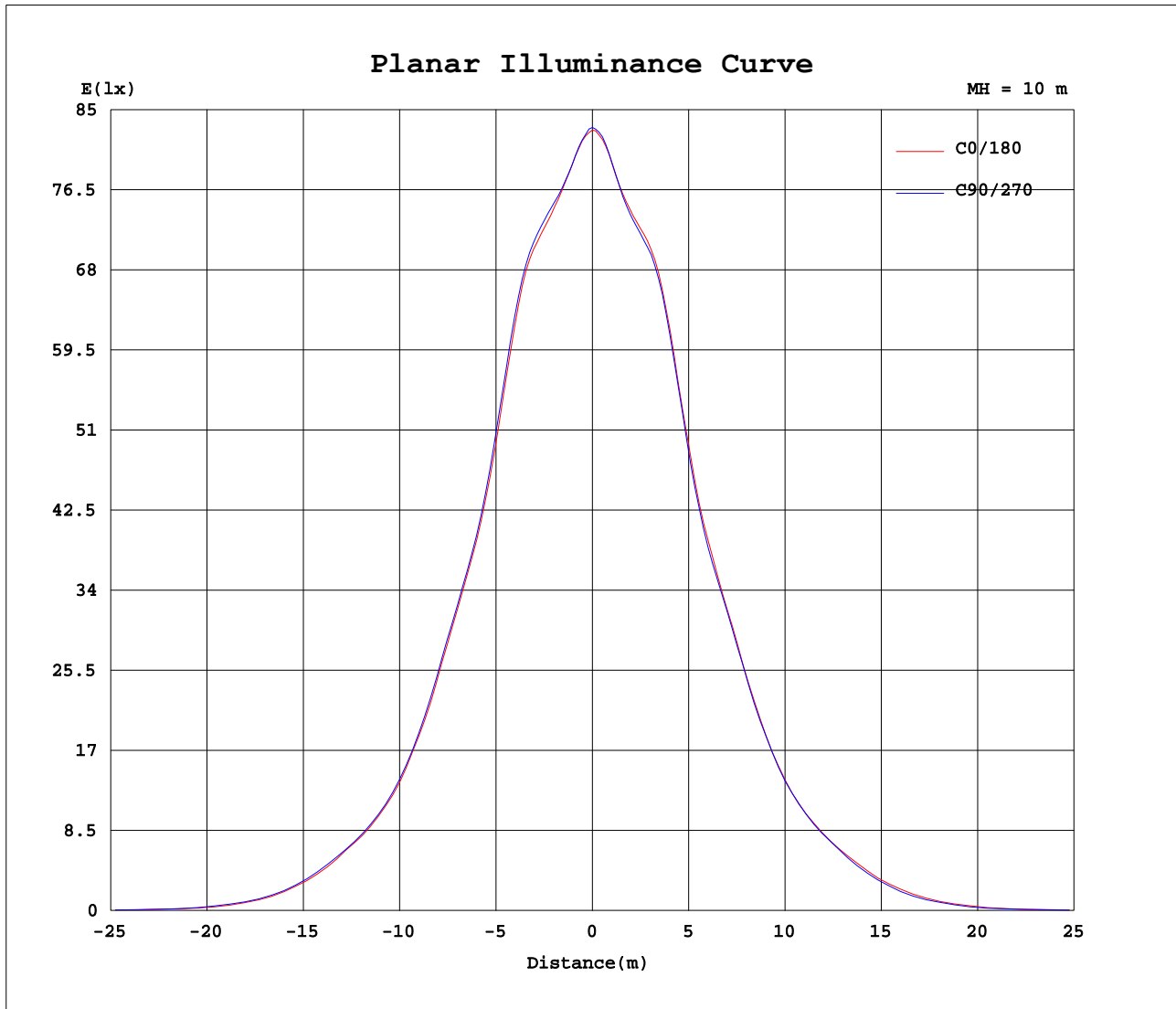
AvgL	cd/m2
L_0~180 (65) av	5435
L_0~180 (75) av	1368
L_0~180 (85) av	1778
L_90~270 (65) av	5239
L_90~270 (75) av	1362
L_90~270 (85) av	1749
L_45 (65) av	5430
L_45 (75) av	1389
L_45 (85) av	1773

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2024-1-8

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.446  
Humidity:65.0%  
Test Distance:11.550m [K=1.0000]  
Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2024-1-8

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.446  
Humidity: 65.0%  
Test Distance: 11.550m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.16V I:0.4912A P:97.347W PF:0.9159 Freq:49.99Hz Lamp Flux:15424.5x1 lm		
NAME: 360-HB65-100W	TYPE:	WEIGHT: 4.8KG
SPEC.:	DIM.: $\phi$ 360*178MM	SERIAL No.: 1
MFR.:	SUR.: $\phi$ 284MM	Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	8284	8298	8307	8311	8321	8324	8284	8298	8307	8311	8321	8324						
5	8102	8103	8078	8105	8117	8147	8114	8098	8128	8121	8161	8149						
10	7906	7912	7941	7944	7949	7947	7874	7831	7815	7837	7923	7925						
15	7961	7994	8048	8051	8040	8026	7967	7931	7882	7892	7923	7967						
20	7989	8042	8073	8079	8033	8000	7933	7926	7886	7880	7911	7985						
25	7259	7348	7384	7392	7298	7306	7175	7157	7171	7126	7197	7256						
30	6367	6405	6450	6461	6416	6435	6332	6268	6283	6237	6302	6339						
35	5815	5903	5865	5894	5933	5870	5810	5814	5767	5770	5843	5838						
40	4916	5061	5002	5030	5030	4994	4965	4950	4952	4907	5019	4959						
45	3849	3936	3930	3939	3936	3969	3928	3915	3960	3891	3992	3947						
50	3021	3035	3027	3090	3061	3123	3130	3105	3124	3096	3124	3078						
55	2056	2105	2059	2167	2115	2181	2232	2172	2174	2106	2183	2086						
60	907	965	959	989	984	1046	1057	1034	1037	931	967	949						
65	267	275	271	284	293	309	284	269	283	247	226	273						
70	94.6	96.4	88.1	88.7	89.3	88.4	84.8	83.9	82.4	82.8	84.3	83.8						
75	45.7	47.0	45.1	44.6	45.2	45.2	39.2	40.2	40.4	39.9	40.6	40.7						
80	30.3	31.3	29.8	29.5	29.7	30.1	25.8	25.4	25.8	25.8	26.5	26.1						
85	20.2	20.5	19.8	19.7	19.9	19.9	17.0	16.8	16.9	16.9	17.2	17.1						
90	14.6	14.6	14.6	14.6	14.7	14.7	12.8	12.9	12.8	12.9	12.9	13.0						
95	14.2	14.2	14.2	14.2	14.2	14.3	13.4	13.5	13.5	13.6	13.5	13.7						
100	14.0	14.0	14.0	14.0	14.1	14.1	14.4	14.5	14.5	14.6	14.6	14.7						
105	14.1	14.0	14.1	14.0	14.1	14.1	15.6	15.7	15.7	15.8	15.8	15.9						
110	14.4	14.4	14.5	14.4	14.4	14.4	17.1	17.3	17.2	17.3	17.3	17.4						
115	15.1	15.0	15.1	15.0	15.1	15.1	18.7	18.8	18.8	18.9	18.9	18.9						
120	15.9	15.9	15.9	15.9	15.9	15.9	19.4	19.5	19.5	19.6	19.6	19.6						
125	16.7	16.7	16.8	16.7	16.8	16.8	19.6	19.8	19.8	19.9	19.9	19.9						
130	17.5	17.5	17.6	17.5	17.6	17.6	20.1	20.2	20.3	20.3	20.3	20.4						
135	18.1	18.1	18.1	18.1	18.2	18.2	20.7	20.8	20.8	20.9	20.9	20.9						
140	18.6	18.5	18.6	18.6	18.7	18.7	21.3	21.5	21.5	21.6	21.5	21.6						
145	19.1	19.1	19.2	19.2	19.2	19.3	22.2	22.3	22.3	22.4	22.4	22.5						
150	19.9	19.9	20.0	20.0	20.1	20.1	22.9	23.0	23.0	23.0	23.0	23.1						
155	20.9	20.9	21.0	20.9	21.1	21.1	23.5	23.5	23.6	23.6	23.6	23.8						
160	22.0	22.0	22.1	22.1	22.2	22.2	24.1	24.2	24.2	24.3	24.3	24.4						
165	22.8	22.8	22.9	22.9	22.9	22.9	24.8	24.8	24.9	24.9	24.9	25.1						
170	23.6	23.6	23.6	23.7	23.7	23.7	25.2	25.3	25.3	25.4	25.4	25.5						
175	23.8	23.8	23.9	23.9	23.9	23.9	25.0	25.1	25.1	25.2	25.2	25.3						
180	24.5	24.4	24.5	24.6	24.7	24.7	24.4	24.5	24.5	24.6	24.6	24.7						

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2024-1-8

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.446  
Humidity:65.0%  
Test Distance:11.550m [K=1.0000]  
Remarks: