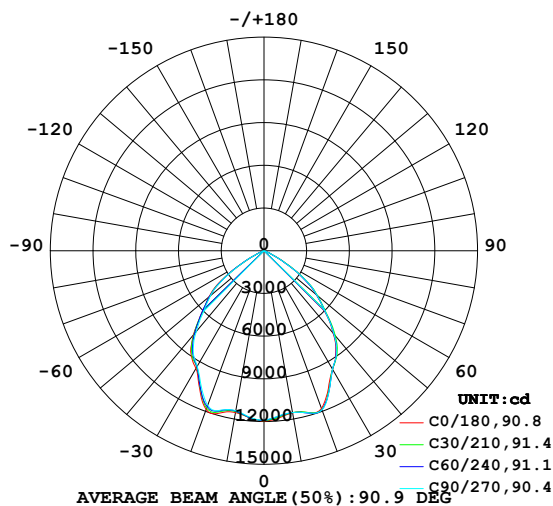


## LUMINAIRE PHOTOMETRIC TEST REPORT

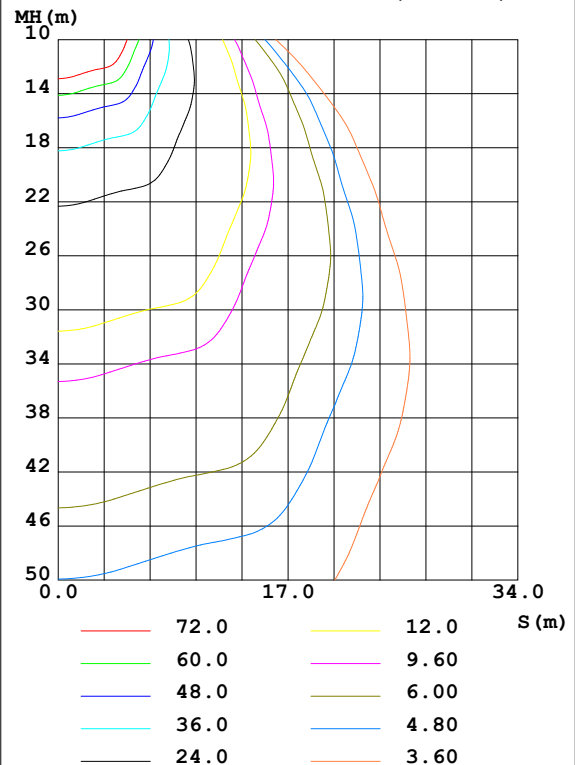
Test:U:220.08V I:0.7365A P:151.78W PF:0.9549 Freq:49.99Hz Lamp Flux:23565.6x1 lm		
NAME: 360-HB65-150W	TYPE:	WEIGHT: 4.8KG
SPEC.:	DIM.: $\phi$ 360*178MM	SERIAL No.: 1
MFR.:	SUR.: $\phi$ 284MM	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 155.26 lm/W			
MODEL	360-HB65-150W	I <sub>max</sub> (cd)	12004	S/MH (C0/180)	1.20
NOMINAL POWER (W)	150	LOR (%)	100.0	S/MH (C90/270)	1.18
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	23566	$\eta$ UP,DN (C0-180)	0.3,49.8
NOMINAL FLUX (lm)	23565.6	CIE CLASS	DIRECT	$\eta$ UP,DN (C180-360)	0.4,49.5
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	1156	1154	1154	1149	1154	1146	1141	1143	0- 10	1110	1110	4.71,4.71
20	1180	1188	1190	1178	1187	1171	1156	1157	10- 20	3321	4430	18.8,18.8
30	962.5	962.9	961.9	952.1	955.2	943.4	938.2	940.7	20- 30	4894	9325	39.6,39.6
40	756.3	770.8	764.1	760.6	771.4	762.3	740.8	754.4	30- 40	5456	14781	62.7,62.7
50	481.6	486.3	484.5	486.7	505.6	496.9	490.6	487.0	40- 50	4759	19539	82.9,82.9
60	176.1	173.3	167.9	173.0	178.2	181.4	171.5	175.2	50- 60	3068	22607	95.9,95.9
70	10.89	11.07	11.77	12.22	12.27	12.00	10.37	10.44	60- 70	679.8	23287	98.8,98.8
80	4.490	4.632	4.789	4.751	4.500	4.478	4.054	4.156	70- 80	75.56	23363	99.1,99.1
90	2.266	2.254	2.240	2.242	2.083	2.080	2.074	2.069	80- 90	32.56	23395	99.3,99.3
100	2.197	2.183	2.174	2.170	2.218	2.215	2.213	2.206	90-100	23.63	23419	99.4,99.4
110	2.258	2.246	2.234	2.231	2.597	2.595	2.599	2.591	100-110	24.16	23443	99.5,99.5
120	2.470	2.457	2.446	2.439	2.954	2.953	2.956	2.950	110-120	25.57	23469	99.6,99.6
130	2.688	2.676	2.665	2.662	3.039	3.035	3.037	3.035	120-130	24.92	23493	99.7,99.7
140	2.832	2.821	2.812	2.810	3.215	3.206	3.205	3.200	130-140	22.67	23516	99.8,99.8
150	3.063	3.052	3.041	3.041	3.510	3.493	3.487	3.487	140-150	19.65	23536	99.9,99.9
160	3.421	3.415	3.406	3.402	3.734	3.717	3.708	3.711	150-160	15.80	23552	99.9,99.9
170	3.682	3.673	3.666	3.658	3.914	3.899	3.891	3.886	160-170	10.39	23562	100,100
180	3.797	3.784	3.782	3.774	3.799	3.786	3.780	3.775	170-180	3.613	23566	100,100
DEG	LUMINOUS INTENSITY:X10cd									UNIT:lm		

Conical surface Flux(90deg): 17322 lm

%lum = 73.5%

%lamp = 73.5%

Conical surface Flux(120deg): 22607 lm

%lum = 95.9%

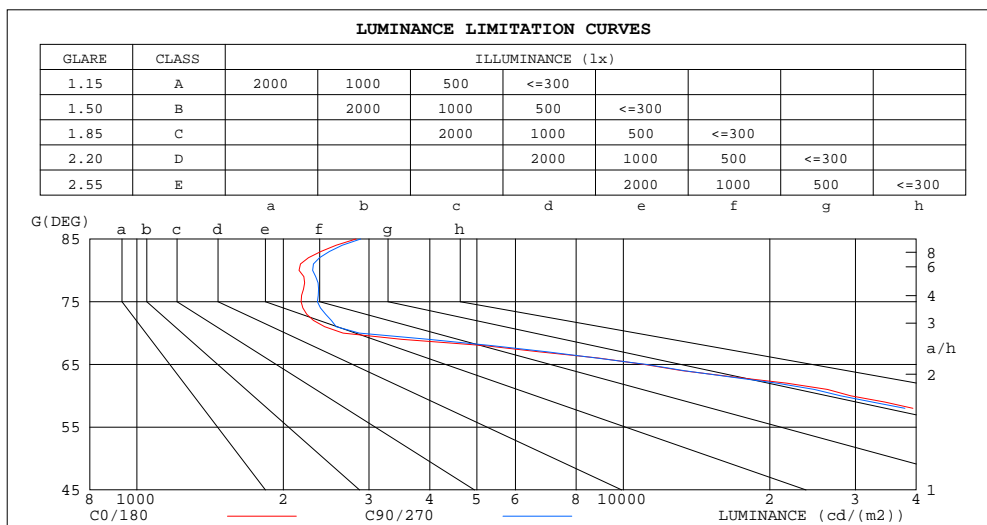
%lamp = 95.9%

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:

## LUMINANCE LIMITATION CURVES

Test:U:220.08V I:0.7365A P:151.78W PF:0.9549 Freq:49.99Hz Lamp Flux:23565.6x1 lm		
NAME: 360-HB65-150W	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	2822	2885
80	2155	2298
75	2175	2351
70	2653	2867
65	11043	11166
60	29346	27985
55	50594	50274
50	62438	62808
45	71277	72205

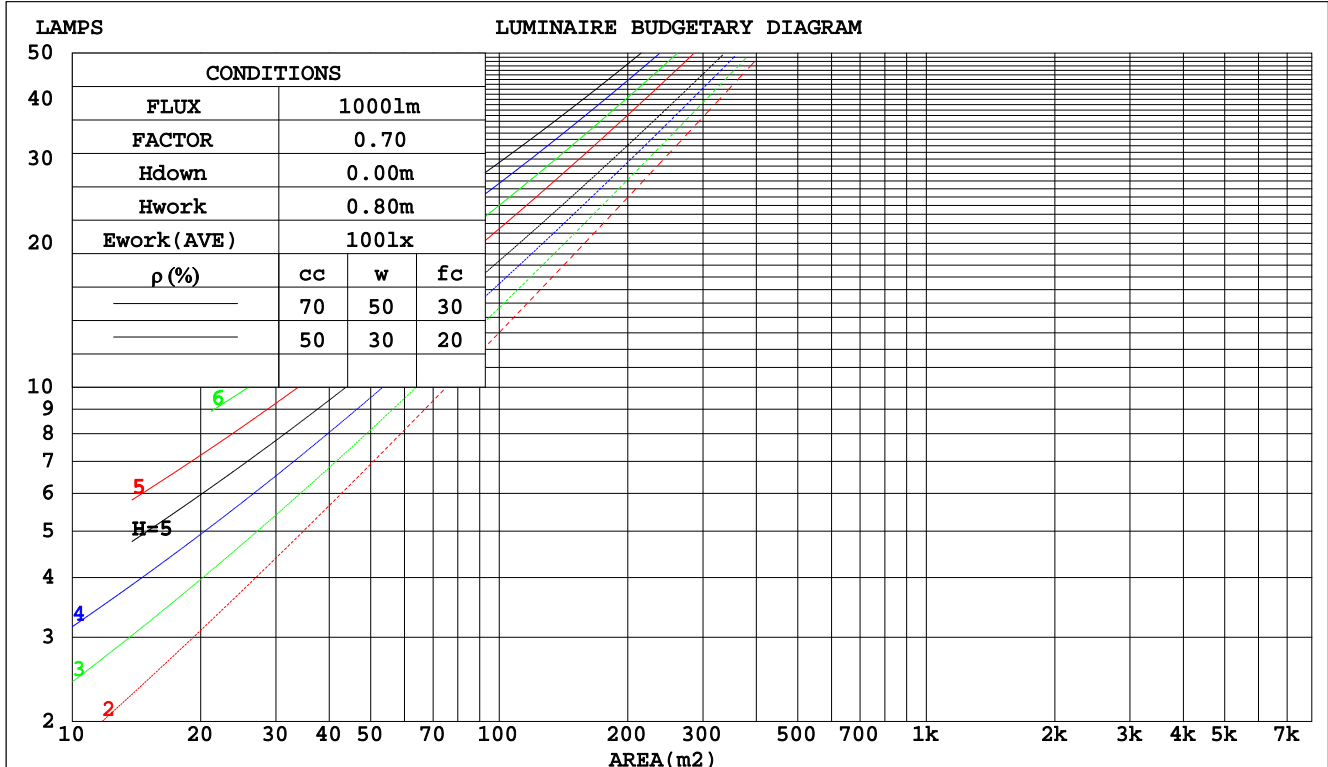
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2024-1-8

$\gamma$  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:220.08V I:0.7365A P:151.78W PF:0.9549 Freq:49.99Hz Lamp Flux:23565.6x1 lm		
NAME: 360-HB65-150W	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	1.00	1.02	.99	.97	.98	.96	.94	.94	.93	.91	.89
2.0	.97	.92	.88	.96	.91	.87	.92	.88	.85	.89	.86	.83	.86	.83	.81	.79
3.0	.88	.81	.76	.86	.80	.76	.83	.78	.74	.81	.76	.73	.78	.75	.72	.70
4.0	.80	.72	.67	.78	.72	.66	.76	.70	.65	.74	.69	.64	.71	.67	.64	.62
5.0	.72	.65	.59	.71	.64	.59	.69	.63	.58	.67	.62	.57	.65	.61	.57	.55
6.0	.66	.58	.53	.65	.58	.52	.63	.57	.52	.61	.56	.51	.60	.55	.51	.49
7.0	.60	.53	.47	.59	.52	.47	.58	.51	.47	.56	.51	.46	.55	.50	.46	.44
8.0	.55	.48	.43	.55	.47	.42	.53	.47	.42	.52	.46	.42	.51	.46	.42	.40
9.0	.51	.44	.39	.50	.43	.39	.49	.43	.38	.48	.42	.38	.47	.42	.38	.36
10.0	.47	.40	.35	.47	.40	.35	.46	.39	.35	.45	.39	.35	.44	.39	.35	.33



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:220.08V I:0.7365A P:151.78W PF:0.9549 Freq:49.99Hz Lamp Flux:23565.6x1 lm		
NAME: 360-HB65-150W	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	.227	.129	.041	.219	.125	.040	.206	.118	.038	.194	.112	.036	.183	.106	.034	
2.0	.223	.122	.037	.217	.119	.037	.205	.114	.035	.195	.109	.034	.185	.105	.033	
3.0	.214	.114	.034	.209	.112	.034	.199	.108	.033	.189	.104	.032	.181	.100	.031	
4.0	.204	.106	.031	.199	.104	.031	.190	.101	.030	.182	.098	.029	.174	.095	.029	
5.0	.193	.098	.029	.189	.097	.028	.181	.094	.028	.174	.092	.027	.167	.089	.027	
6.0	.183	.092	.026	.179	.091	.026	.172	.088	.026	.166	.086	.025	.160	.084	.025	
7.0	.173	.086	.024	.170	.085	.024	.164	.083	.024	.158	.081	.024	.152	.079	.023	
8.0	.164	.080	.023	.161	.079	.022	.156	.078	.022	.150	.076	.022	.145	.075	.022	
9.0	.156	.075	.021	.153	.075	.021	.148	.073	.021	.143	.072	.021	.139	.070	.020	
10.0	.148	.071	.020	.146	.070	.020	.141	.069	.019	.137	.068	.019	.133	.067	.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	.167	.167	.167	.114	.114	.114	.066	.066	.066	.021	.021	.021	
1.0	.180	.162	.147	.154	.139	.126	.105	.096	.087	.061	.055	.051	.019	.018	.016	
2.0	.169	.138	.112	.144	.119	.097	.099	.082	.068	.057	.048	.040	.018	.015	.013	
3.0	.159	.120	.088	.137	.103	.076	.094	.072	.053	.054	.042	.031	.017	.014	.010	
4.0	.151	.106	.071	.130	.091	.061	.089	.064	.043	.052	.037	.026	.017	.012	.008	
5.0	.144	.095	.058	.124	.082	.051	.085	.057	.036	.049	.034	.021	.016	.011	.007	
6.0	.138	.086	.049	.118	.075	.043	.082	.052	.030	.047	.031	.018	.015	.010	.006	
7.0	.132	.079	.042	.113	.069	.037	.078	.048	.026	.045	.028	.016	.015	.009	.005	
8.0	.126	.073	.037	.108	.064	.032	.075	.045	.023	.044	.026	.014	.014	.009	.005	
9.0	.121	.068	.033	.104	.059	.029	.072	.042	.020	.042	.025	.012	.014	.008	.004	
10.0	.116	.064	.030	.100	.056	.026	.069	.039	.018	.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:220.08V I:0.7365A P:151.78W PF:0.9549 Freq:49.99Hz Lamp Flux:23565.6x1 lm										
NAME: 360-HB65-150W					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	24.1	25.5	24.5	25.8	26.1	23.7	25.0	24.0	25.3	25.7
3H	24.0	25.2	24.4	25.6	25.9	23.6	24.8	24.0	25.1	25.5
4H	23.9	25.1	24.4	25.4	25.8	23.5	24.6	23.9	25.0	25.4
6H	23.9	24.9	24.3	25.3	25.7	23.4	24.4	23.9	24.8	25.2
8H	23.8	24.8	24.3	25.2	25.6	23.4	24.4	23.8	24.8	25.2
12H	23.8	24.7	24.2	25.1	25.6	23.4	24.3	23.8	24.7	25.1
4H 2H	24.0	25.1	24.4	25.5	25.9	23.5	24.6	24.0	25.0	25.4
3H	23.9	24.8	24.3	25.2	25.6	23.5	24.4	23.9	24.8	25.2
4H	23.8	24.6	24.3	25.1	25.5	23.4	24.2	23.8	24.6	25.1
6H	23.8	24.4	24.2	24.9	25.4	23.3	24.0	23.8	24.5	24.9
8H	23.7	24.3	24.2	24.8	25.3	23.3	23.9	23.7	24.4	24.9
12H	23.7	24.2	24.2	24.7	25.2	23.2	23.8	23.7	24.3	24.8
8H 4H	23.7	24.3	24.2	24.8	25.3	23.3	23.9	23.7	24.4	24.8
6H	23.6	24.1	24.1	24.6	25.1	23.2	23.7	23.7	24.2	24.7
8H	23.6	24.0	24.1	24.6	25.1	23.1	23.6	23.6	24.1	24.6
12H	23.5	23.9	24.0	24.4	25.0	23.1	23.5	23.6	24.0	24.6
12H 4H	23.7	24.2	24.2	24.7	25.2	23.2	23.8	23.7	24.3	24.8
6H	23.6	24.0	24.1	24.5	25.1	23.1	23.6	23.7	24.1	24.6
8H	23.5	23.9	24.0	24.4	25.0	23.1	23.5	23.6	24.0	24.6
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  
 $\gamma$  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:220.08V I:0.7365A P:151.78W PF:0.9549 Freq:49.99Hz Lamp Flux:23565.6x1 lm		
NAME: 360-HB65-150W	TYPE:	WEIGHT: 4.8KG
SPEC.:	DIM.: $\varnothing 360 \times 178 \text{MM}$	SERIAL No.: 1
MFR.:	SUR.: $\varnothing 284 \text{MM}$	Shielding Angle:

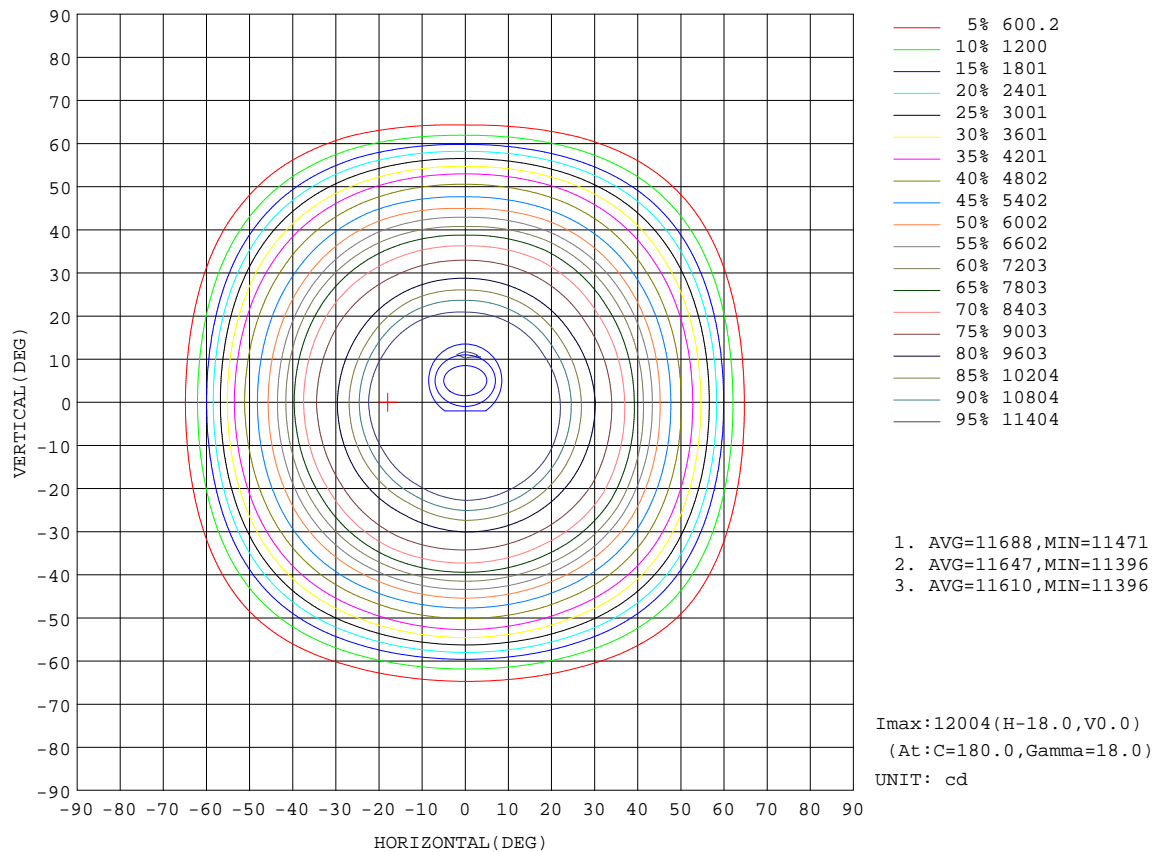
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	67	57	51	67	57	51	65	57	51	46
0.80	78	68	62	77	68	62	75	67	62	56
1.00	86	77	72	85	77	72	83	78	71	65
1.25	93	85	79	91	84	79	89	83	78	72
1.50	97	90	84	95	89	84	93	87	83	77
2.00	102	96	91	101	95	91	97	93	89	83
2.50	105	99	95	103	98	94	100	95	92	85
3.00	107	102	98	105	101	97	102	98	95	88
4.00	110	106	103	108	104	101	104	101	98	90
5.00	112	108	105	109	106	103	105	102	100	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:220.08V I:0.7365A P:151.78W PF:0.9549 Freq:49.99Hz Lamp Flux:23565.6x1 lm		
NAME: 360-HB65-150W	TYPE:	WEIGHT: 4.8KG
SPEC.:	DIM.: $\phi 360 \times 178\text{MM}$	SERIAL No.: 1
MFR.:	SUR.: $\phi 284\text{MM}$	Shielding Angle:



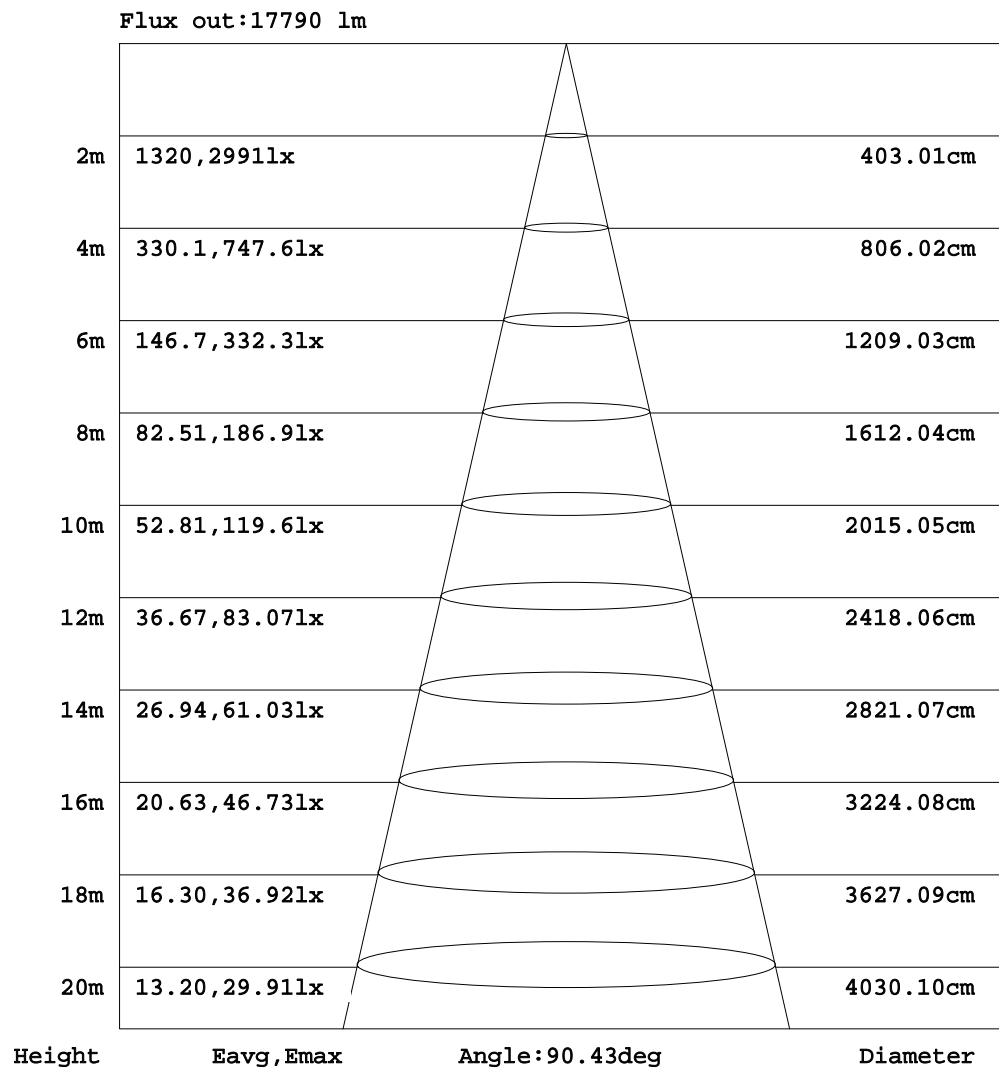
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2024-1-8

$\gamma$  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:220.08V I:0.7365A P:151.78W PF:0.9549 Freq:49.99Hz Lamp Flux:23565.6x1 lm		
NAME: 360-HB65-150W	TYPE:	WEIGHT: 4.8KG
SPEC.:	DIM.: $\phi 360 \times 178\text{MM}$	SERIAL No.: 1
MFR.:	SUR.: $\phi 284\text{MM}$	Shielding Angle:



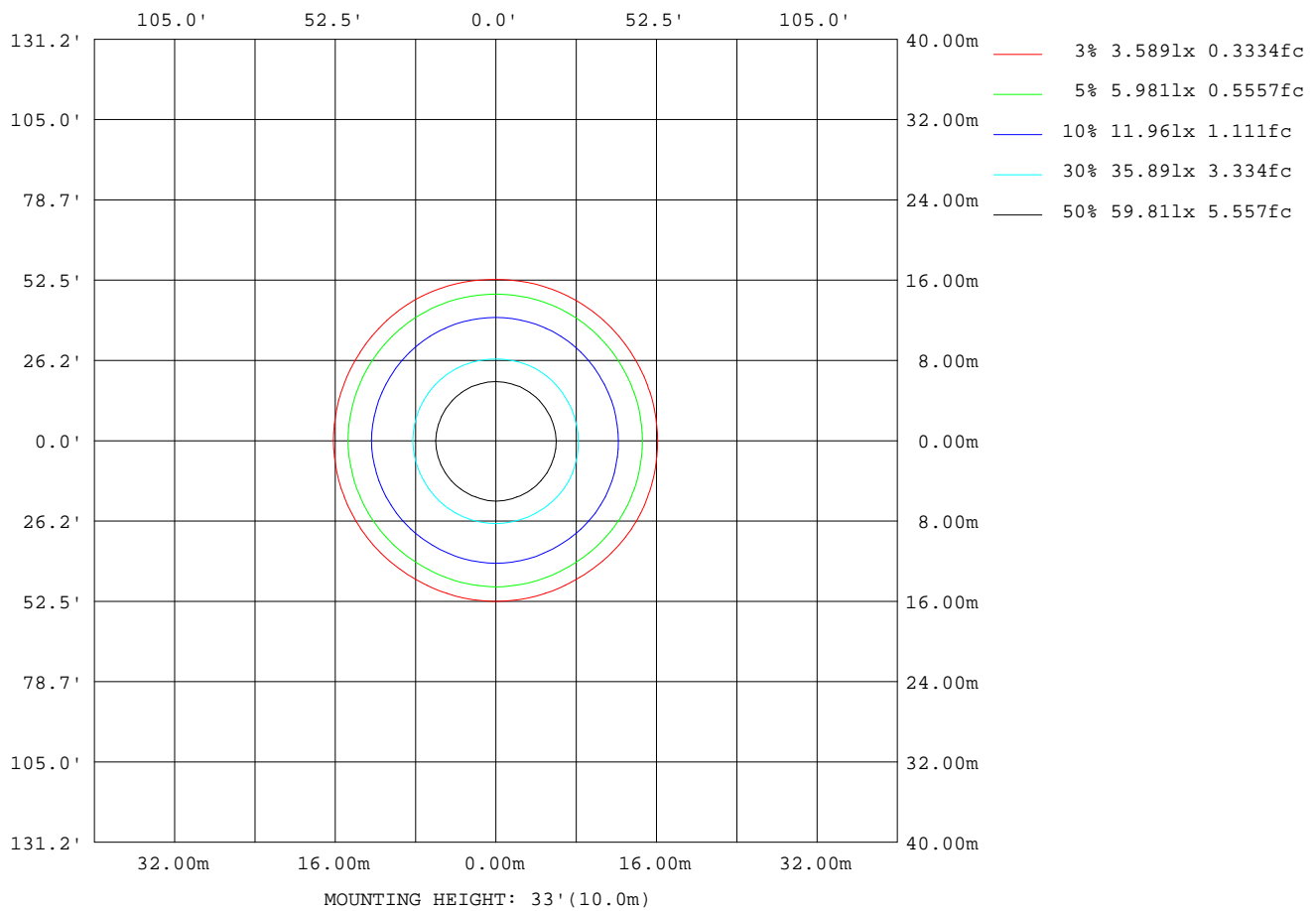
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:220.08V I:0.7365A P:151.78W PF:0.9549 Freq:49.99Hz Lamp Flux:23565.6x1 lm		
NAME: 360-HB65-150W	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:220.08V I:0.7365A P:151.78W PF:0.9549 Freq:49.99Hz Lamp Flux:23565.6x1 lm		
NAME: 360-HB65-150W	TYPE:	WEIGHT: 4.8KG
SPEC.:	DIM.: $\phi$ 360*178MM	SERIAL No.: 1
MFR.:	SUR.: $\phi$ 284MM	Shielding Angle:

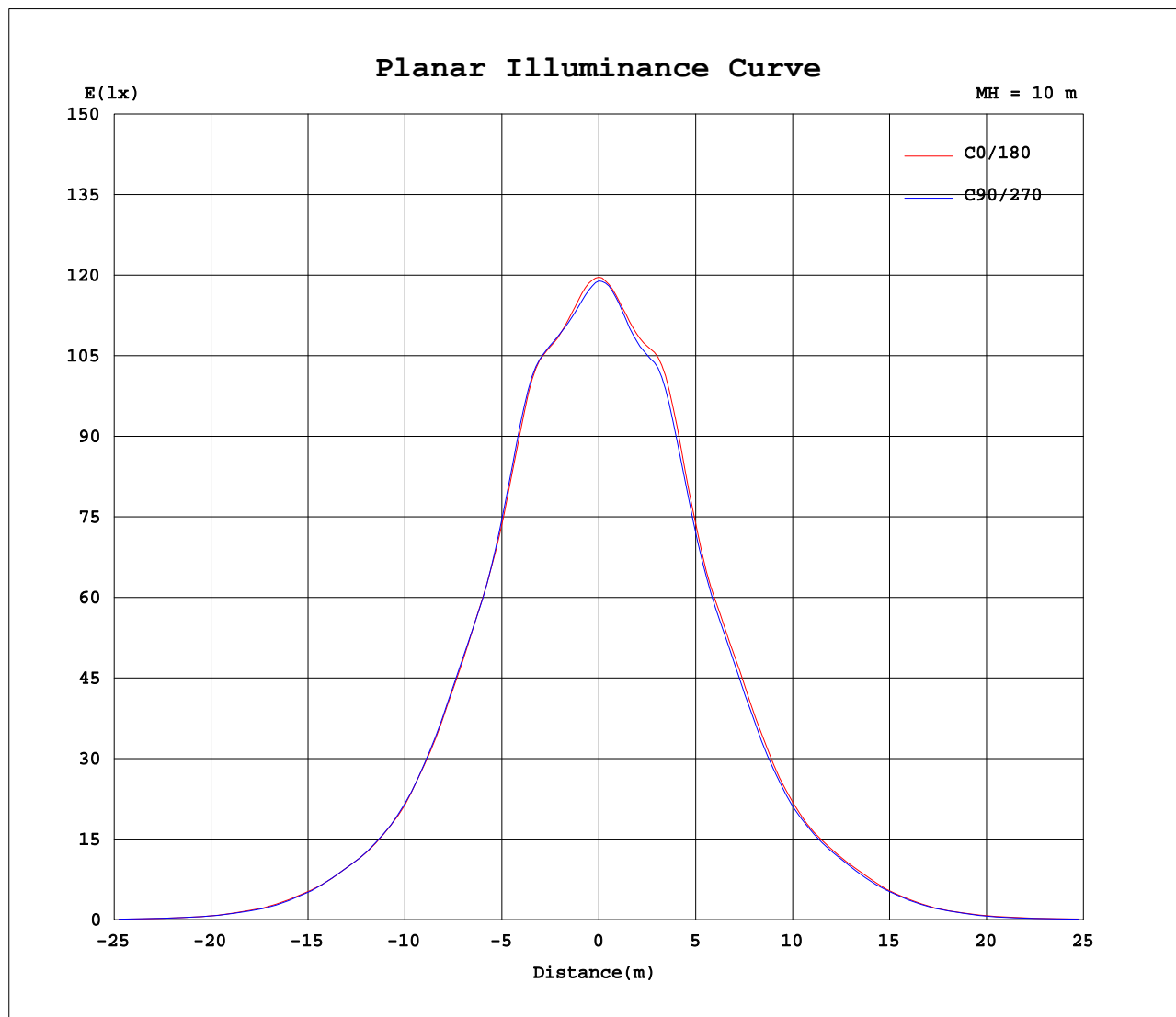
AvgL	cd/m2
L_0~180 (65) av	11271
L_0~180 (75) av	2200
L_0~180 (85) av	2765
L_90~270 (65) av	10441
L_90~270 (75) av	2191
L_90~270 (85) av	2697
L_45 (65) av	11124
L_45 (75) av	2220
L_45 (85) av	2721

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:220.08V I:0.7365A P:151.78W PF:0.9549 Freq:49.99Hz Lamp Flux:23565.6x1 lm		
NAME: 360-HB65-150W	TYPE:	WEIGHT: 4.8KG
SPEC.:	DIM.: $\phi$ 360*178MM	SERIAL No.: 1
MFR.:	SUR.: $\phi$ 284MM	Shielding Angle:

Table--1

UNIT: X10cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	1196	1194	1191	1190	1187	1186	1196	1194	1191	1190	1187	1186						
5	1179	1174	1166	1165	1162	1163	1177	1176	1177	1172	1174	1170						
10	1156	1154	1154	1154	1150	1148	1154	1148	1144	1141	1143	1143						
15	1176	1175	1180	1178	1178	1174	1179	1169	1162	1158	1156	1160						
20	1180	1187	1189	1190	1182	1175	1187	1177	1166	1156	1156	1159						
25	1069	1080	1084	1084	1066	1066	1069	1062	1058	1046	1049	1054						
30	962	963	963	962	950	954	955	945	942	938	938	944						
35	880	893	882	888	891	883	893	885	874	867	872	866						
40	756	778	763	764	763	758	771	765	759	741	760	748						
45	605	619	609	613	610	616	619	614	621	597	613	605						
50	482	491	481	484	481	493	506	495	499	491	493	481						
55	348	350	337	346	336	351	368	358	357	350	355	345						
60	176	178	169	168	168	178	178	178	185	171	174	177						
65	56.0	61.8	55.9	56.6	53.5	57.4	58.3	53.4	59.2	49.3	55.4	53.6						
70	10.9	11.0	11.1	11.8	11.9	12.5	12.3	12.2	11.8	10.4	10.4	10.5						
75	6.76	6.93	7.10	7.30	7.19	7.22	6.91	7.10	6.85	6.31	6.32	6.37						
80	4.49	4.66	4.60	4.79	4.72	4.79	4.50	4.54	4.42	4.05	4.17	4.15						
85	2.95	3.00	2.96	3.02	3.01	3.00	2.83	2.78	2.74	2.62	2.66	2.64						
90	2.27	2.26	2.25	2.24	2.24	2.24	2.08	2.08	2.08	2.07	2.06	2.07						
95	2.21	2.21	2.20	2.19	2.19	2.19	2.13	2.13	2.12	2.12	2.11	2.12						
100	2.20	2.19	2.18	2.17	2.17	2.17	2.22	2.22	2.21	2.21	2.20	2.21						
105	2.21	2.20	2.19	2.18	2.18	2.18	2.36	2.36	2.35	2.36	2.35	2.35						
110	2.26	2.25	2.24	2.23	2.23	2.23	2.60	2.60	2.59	2.60	2.59	2.59						
115	2.35	2.34	2.34	2.33	2.33	2.32	2.84	2.84	2.83	2.85	2.84	2.84						
120	2.47	2.46	2.46	2.45	2.44	2.44	2.95	2.96	2.95	2.96	2.95	2.95						
125	2.58	2.57	2.57	2.56	2.56	2.55	2.99	2.99	2.99	2.99	2.99	2.99						
130	2.69	2.68	2.67	2.66	2.66	2.66	3.04	3.04	3.04	3.04	3.04	3.04						
135	2.77	2.75	2.75	2.75	2.74	2.74	3.11	3.11	3.10	3.11	3.10	3.10						
140	2.83	2.82	2.82	2.81	2.81	2.81	3.22	3.21	3.20	3.21	3.20	3.20						
145	2.92	2.90	2.90	2.89	2.89	2.89	3.37	3.36	3.36	3.35	3.35	3.35						
150	3.06	3.05	3.05	3.04	3.04	3.04	3.51	3.50	3.49	3.49	3.49	3.49						
155	3.25	3.24	3.24	3.23	3.23	3.23	3.63	3.62	3.61	3.60	3.60	3.61						
160	3.42	3.41	3.42	3.41	3.40	3.40	3.73	3.72	3.71	3.71	3.71	3.71						
165	3.56	3.56	3.56	3.55	3.54	3.55	3.83	3.82	3.81	3.80	3.80	3.80						
170	3.68	3.68	3.67	3.67	3.66	3.65	3.91	3.90	3.90	3.89	3.89	3.88						
175	3.69	3.69	3.68	3.67	3.67	3.67	3.89	3.87	3.87	3.87	3.86	3.86						
180	3.80	3.79	3.78	3.78	3.77	3.77	3.80	3.79	3.78	3.78	3.78	3.77						

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: