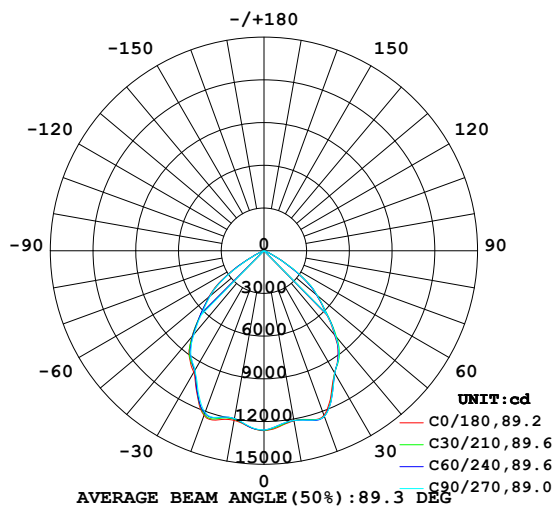


## LUMINAIRE PHOTOMETRIC TEST REPORT

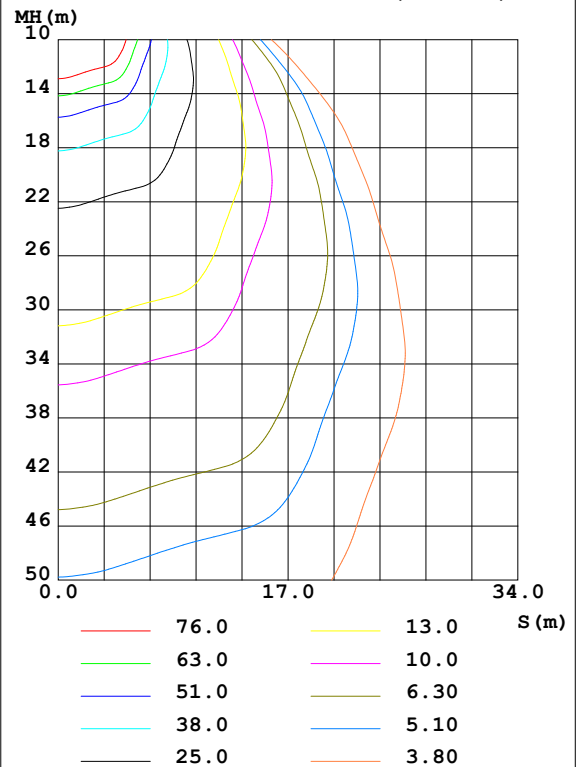
Test:U:220.05V I:0.7160A P:147.42W PF:0.9528 Freq:49.99Hz Lamp Flux:24127.2x1 lm		
NAME: 360-HB65-150W	TYPE:	WEIGHT: 4.8KG
SPEC.:	DIM.: $\phi$ 360*178MM	SERIAL No.: 1
MFR.:	SUR.: $\phi$ 284MM	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 163.66 lm/W			
MODEL	360-HB65-150W	I <sub>max</sub> (cd)	12638	S/MH (C0/180)	1.17
NOMINAL POWER (W)	150	LOR (%)	100.0	S/MH (C90/270)	1.15
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	24127	$\eta$ UP,DN (C0-180)	0.3,49.7
NOMINAL FLUX (lm)	24127.2	CIE CLASS	DIRECT	$\eta$ UP,DN (C180-360)	0.4,49.6
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	1213	1211	1211	1207	1210	1200	1197	1202	0- 10	1168	1168	4.84,4.84
20	1231	1238	1238	1227	1231	1220	1209	1213	10- 20	3468	4635	19.2,19.2
30	991.7	993.5	994.9	986.6	986.3	975.5	968.7	975.2	20- 30	5100	9735	40.3,40.3
40	771.6	786.0	781.7	778.8	785.6	780.7	764.2	775.9	30- 40	5618	15353	63.6,63.6
50	482.7	484.4	487.5	489.1	505.0	500.3	493.3	491.7	40- 50	4828	20182	83.6,83.6
60	160.9	163.0	161.9	166.2	176.1	176.4	161.5	165.6	50- 60	3030	23211	96.2,96.2
70	12.75	12.93	12.78	13.07	12.92	12.68	11.80	12.03	60- 70	631.0	23842	98.8,98.8
80	4.591	4.764	4.770	4.718	4.294	4.278	4.081	4.191	70- 80	77.03	23919	99.1,99.1
90	2.295	2.286	2.278	2.276	2.062	2.060	2.057	2.055	80- 90	32.82	23952	99.3,99.3
100	2.228	2.213	2.208	2.205	2.276	2.275	2.274	2.273	90-100	23.93	23976	99.4,99.4
110	2.291	2.279	2.268	2.268	2.697	2.698	2.701	2.694	100-110	24.80	24001	99.5,99.5
120	2.513	2.502	2.493	2.490	3.061	3.062	3.063	3.060	110-120	26.29	24027	99.6,99.6
130	2.748	2.736	2.730	2.728	3.158	3.158	3.160	3.158	120-130	25.67	24053	99.7,99.7
140	2.902	2.893	2.888	2.889	3.339	3.335	3.335	3.330	130-140	23.43	24076	99.8,99.8
150	3.139	3.128	3.124	3.125	3.606	3.594	3.590	3.591	140-150	20.26	24097	99.9,99.9
160	3.487	3.479	3.471	3.474	3.819	3.805	3.800	3.803	150-160	16.16	24113	99.9,99.9
170	3.759	3.752	3.747	3.743	4.015	4.002	3.998	3.996	160-170	10.64	24123	100,100
180	3.896	3.885	3.887	3.881	3.902	3.886	3.883	3.881	170-180	3.706	24127	100,100
DEG	LUMINOUS INTENSITY:X10cd									UNIT:lm		

Conical surface Flux(90deg): 17943 lm

%lum = 74.4%

%lamp = 74.4%

Conical surface Flux(120deg): 23211 lm

%lum = 96.2%

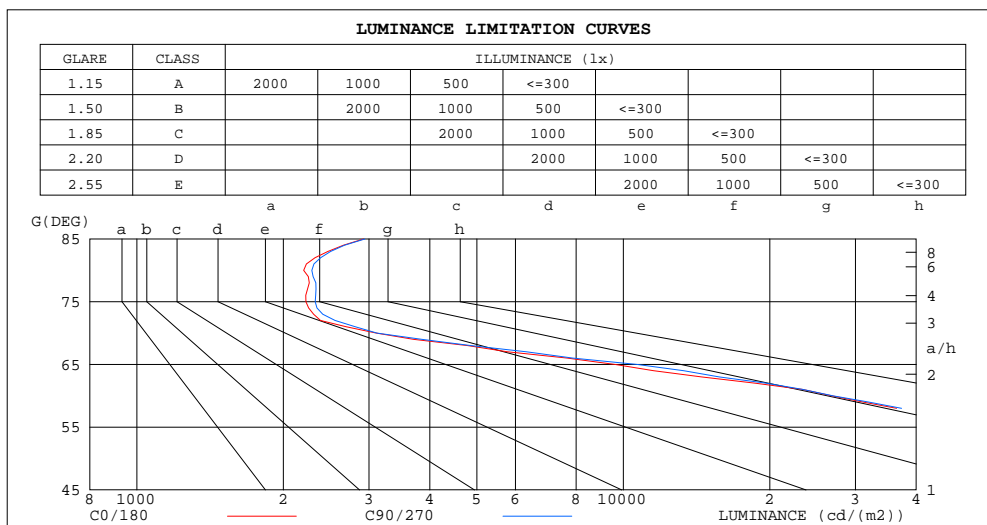
%lamp = 96.2%

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:220.05V I:0.7160A P:147.42W PF:0.9528 Freq:49.99Hz Lamp Flux:24127.2x1 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:



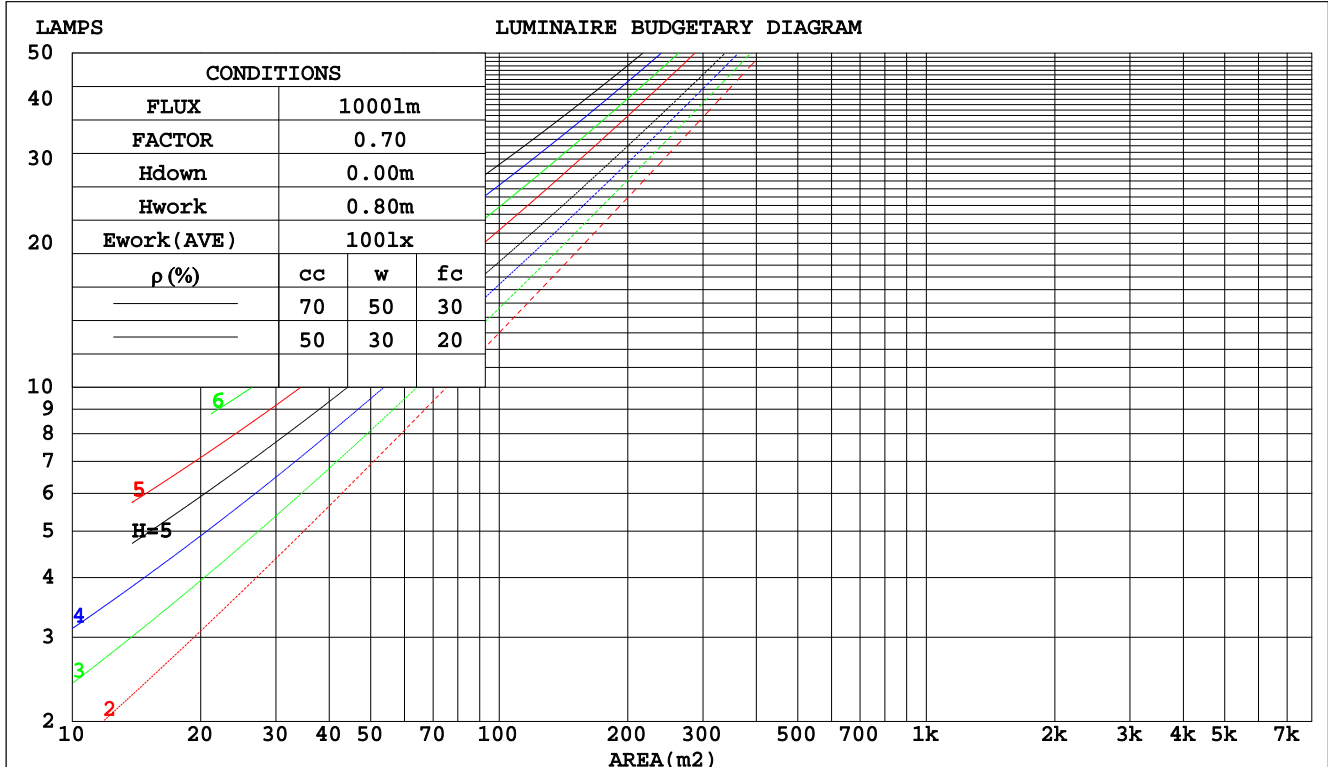
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2024-1-8

$\gamma$  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:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.05V I:0.7160A P:147.42W PF:0.9528 Freq:49.99Hz Lamp Flux:24127.2x1 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	.98	.92	.88	.96	.91	.87	.92	.88	.85	.89	.86	.83	.86	.83	.81	.79
3.0	.88	.82	.77	.87	.81	.76	.84	.79	.75	.81	.77	.73	.79	.75	.72	.70
4.0	.80	.73	.67	.79	.72	.67	.76	.70	.66	.74	.69	.65	.72	.68	.64	.62
5.0	.73	.65	.59	.71	.64	.59	.69	.63	.58	.68	.62	.58	.66	.61	.57	.55
6.0	.66	.59	.53	.65	.58	.53	.64	.57	.52	.62	.56	.52	.60	.55	.51	.50
7.0	.61	.53	.48	.60	.53	.47	.58	.52	.47	.57	.51	.47	.56	.50	.46	.45
8.0	.56	.48	.43	.55	.48	.43	.54	.47	.43	.53	.47	.42	.51	.46	.42	.40
9.0	.51	.44	.39	.51	.44	.39	.50	.43	.39	.49	.43	.39	.48	.42	.38	.37
10.0	.48	.41	.36	.47	.40	.36	.46	.40	.36	.45	.40	.35	.44	.39	.35	.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:220.05V I:0.7160A P:147.42W PF:0.9528 Freq:49.99Hz Lamp Flux:24127.2x1 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	.225	.128	.041	.218	.124	.039	.205	.117	.037	.192	.111	.036	.181	.105	.034			
2.0	.221	.121	.037	.215	.118	.036	.203	.113	.035	.193	.108	.034	.183	.104	.033			
3.0	.212	.113	.034	.207	.111	.033	.197	.107	.032	.188	.103	.032	.179	.099	.031			
4.0	.202	.105	.031	.197	.103	.031	.189	.100	.030	.180	.097	.029	.173	.094	.029			
5.0	.192	.098	.028	.188	.096	.028	.180	.094	.028	.173	.091	.027	.166	.089	.027			
6.0	.182	.091	.026	.178	.090	.026	.171	.088	.026	.165	.086	.025	.158	.083	.025			
7.0	.172	.085	.024	.169	.084	.024	.163	.082	.024	.157	.080	.023	.151	.079	.023			
8.0	.163	.080	.022	.160	.079	.022	.155	.077	.022	.149	.076	.022	.144	.074	.022			
9.0	.155	.075	.021	.152	.074	.021	.147	.073	.021	.142	.071	.020	.138	.070	.020			
10.0	.147	.071	.020	.145	.070	.020	.140	.069	.019	.136	.067	.019	.132	.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	.076	.094	.072	.054	.054	.042	.032	.017	.014	.010	
4.0	.151	.106	.071	.129	.091	.062	.089	.064	.043	.052	.037	.026	.017	.012	.008	
5.0	.144	.095	.059	.123	.082	.051	.085	.057	.036	.049	.034	.021	.016	.011	.007	
6.0	.137	.086	.049	.118	.075	.043	.081	.052	.030	.047	.031	.018	.015	.010	.006	
7.0	.131	.079	.043	.113	.068	.037	.078	.048	.026	.045	.028	.016	.015	.009	.005	
8.0	.125	.073	.037	.108	.063	.032	.075	.045	.023	.043	.026	.014	.014	.009	.005	
9.0	.120	.068	.033	.104	.059	.029	.072	.042	.021	.042	.025	.012	.014	.008	.004	
10.0	.115	.064	.030	.099	.056	.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:220.05V I:0.7160A P:147.42W PF:0.9528 Freq:49.99Hz Lamp Flux:24127.2x1 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	23.6	25.0	24.0	25.3	25.6	23.5	24.8	23.9	25.1	25.5
3H	23.5	24.7	23.9	25.0	25.4	23.4	24.6	23.8	24.9	25.3
4H	23.5	24.5	23.9	24.9	25.3	23.3	24.4	23.7	24.8	25.2
6H	23.4	24.4	23.8	24.8	25.2	23.2	24.3	23.7	24.6	25.0
8H	23.3	24.3	23.8	24.7	25.1	23.2	24.2	23.6	24.6	25.0
12H	23.3	24.2	23.7	24.6	25.1	23.2	24.1	23.6	24.5	24.9
4H 2H	23.5	24.6	23.9	25.0	25.4	23.3	24.4	23.8	24.8	25.2
3H	23.4	24.3	23.8	24.7	25.1	23.3	24.1	23.7	24.6	25.0
4H	23.3	24.1	23.8	24.5	25.0	23.2	24.0	23.6	24.4	24.9
6H	23.3	23.9	23.7	24.4	24.9	23.1	23.8	23.6	24.3	24.7
8H	23.2	23.8	23.7	24.3	24.8	23.1	23.7	23.5	24.2	24.6
12H	23.2	23.7	23.7	24.2	24.7	23.0	23.6	23.5	24.1	24.6
8H 4H	23.2	23.8	23.7	24.3	24.8	23.1	23.7	23.5	24.1	24.6
6H	23.1	23.6	23.6	24.1	24.6	23.0	23.5	23.5	24.0	24.5
8H	23.0	23.5	23.6	24.0	24.6	22.9	23.4	23.4	23.9	24.4
12H	23.0	23.4	23.5	23.9	24.5	22.9	23.3	23.4	23.8	24.4
12H 4H	23.1	23.7	23.6	24.2	24.7	23.0	23.6	23.5	24.1	24.6
6H	23.0	23.5	23.6	24.0	24.6	22.9	23.4	23.5	23.9	24.4
8H	23.0	23.4	23.5	23.9	24.5	22.9	23.3	23.4	23.8	24.4
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:220.05V I:0.7160A P:147.42W PF:0.9528 Freq:49.99Hz Lamp Flux:24127.2x1 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:

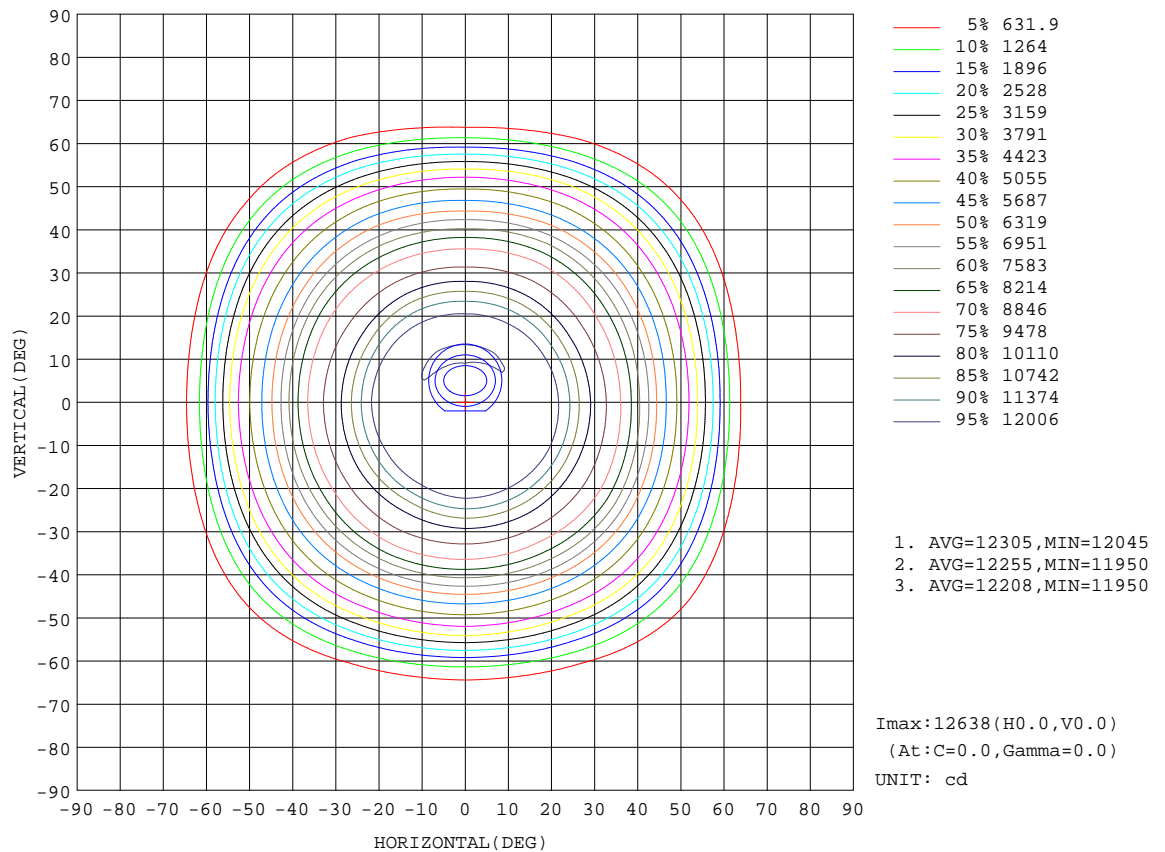
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	68	58	52	67	58	52	66	57	52	46
0.80	78	69	63	77	69	63	76	68	62	57
1.00	87	78	72	85	77	72	83	78	72	66
1.25	93	85	80	92	85	79	89	83	79	73
1.50	97	90	85	96	89	84	93	87	83	77
2.00	102	96	92	101	95	91	98	93	89	83
2.50	105	100	95	103	98	94	100	96	92	85
3.00	107	103	99	105	101	98	102	98	95	88
4.00	110	106	103	108	104	101	104	101	99	90
5.00	112	108	105	109	106	104	105	103	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:220.05V I:0.7160A P:147.42W PF:0.9528 Freq:49.99Hz Lamp Flux:24127.2x1 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:



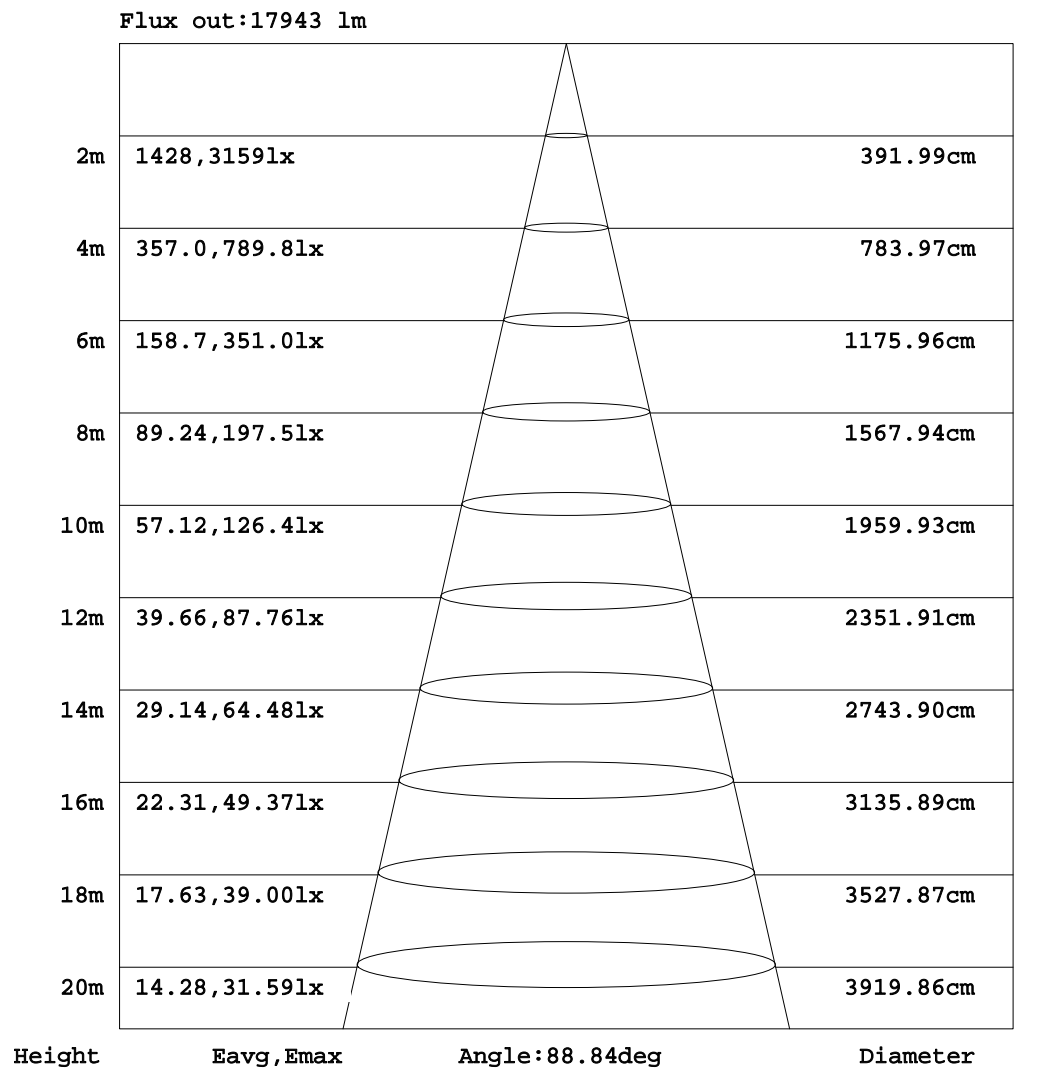
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2024-1-8

$\gamma$  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:220.05V I:0.7160A P:147.42W PF:0.9528 Freq:49.99Hz Lamp Flux:24127.2x1 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:



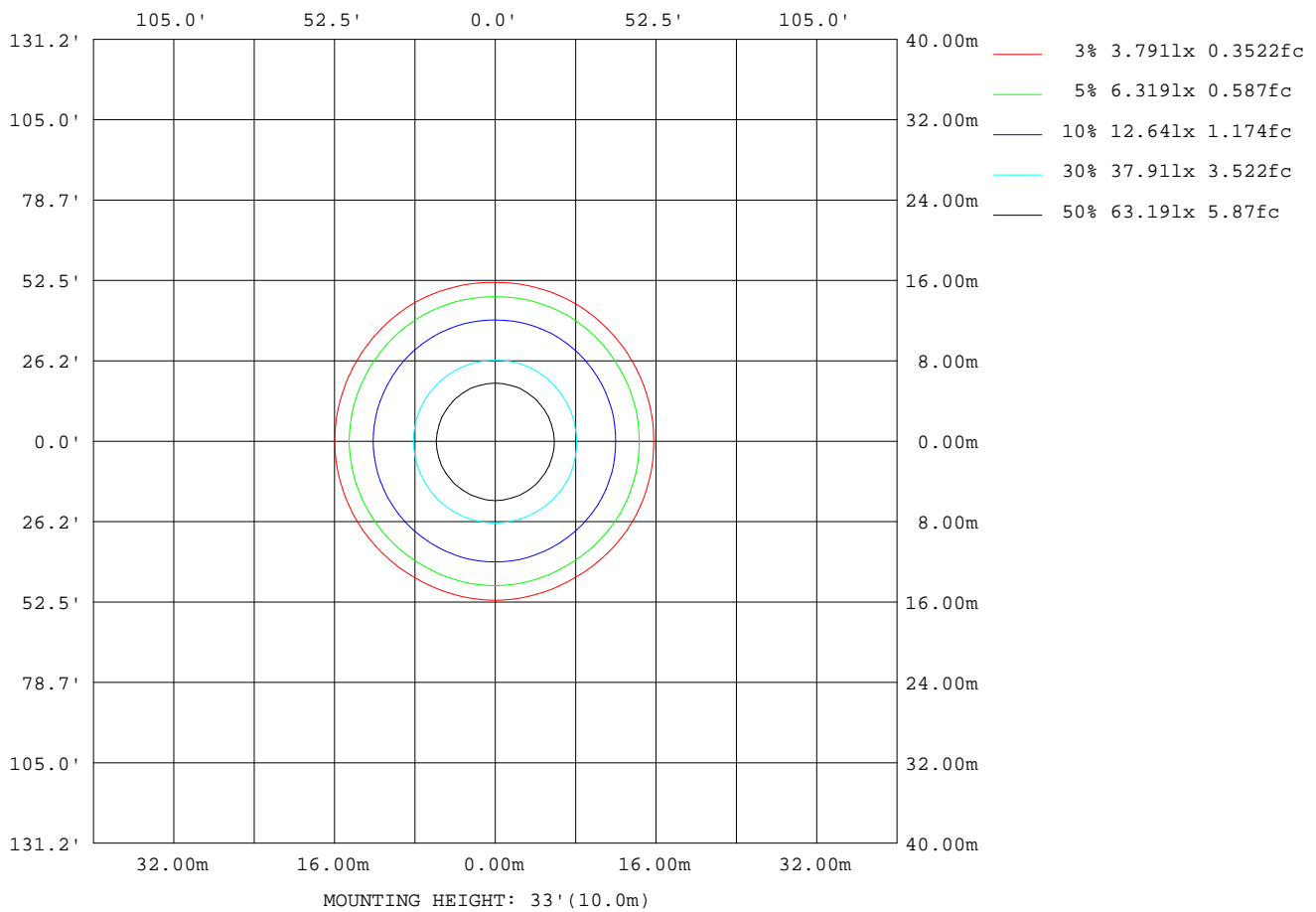
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:220.05V I:0.7160A P:147.42W PF:0.9528 Freq:49.99Hz Lamp Flux:24127.2x1 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:220.05V I:0.7160A P:147.42W PF:0.9528 Freq:49.99Hz Lamp Flux:24127.2x1 lm		
NAME: 360-HB65-150W	TYPE:	WEIGHT: 4.8KG
SPEC.:	DIM.: $\phi$ 360*178MM	SERIAL No.: 1
MFR.:	SUR.: $\phi$ 284MM	Shielding Angle:

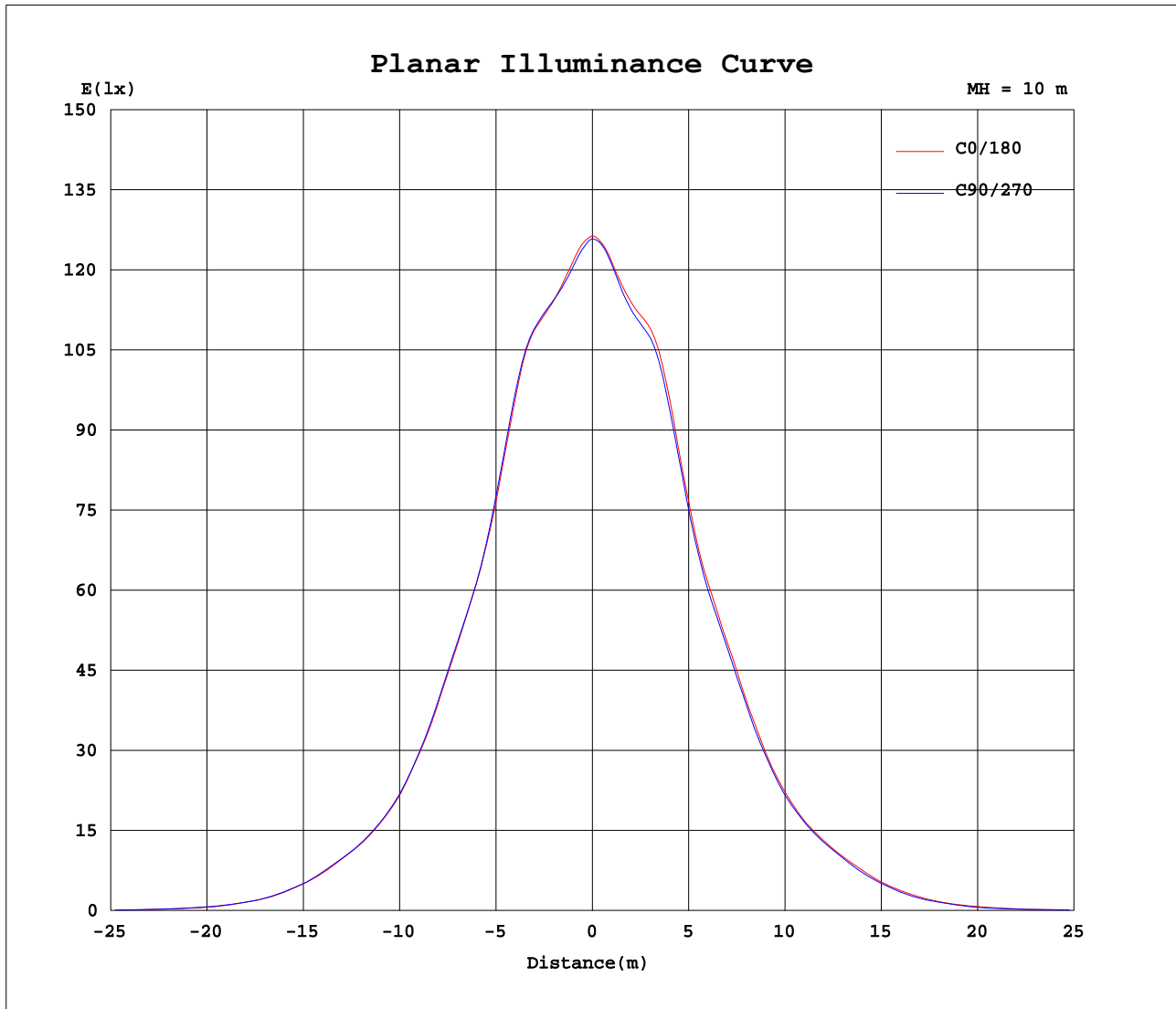
AvgL	cd/m2
L_0~180 (65) av	10400
L_0~180 (75) av	2169
L_0~180 (85) av	2782
L_90~270 (65) av	9728
L_90~270 (75) av	2181
L_90~270 (85) av	2737
L_45 (65) av	10222
L_45 (75) av	2217
L_45 (85) av	2765

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:220.05V I:0.7160A P:147.42W PF:0.9528 Freq:49.99Hz Lamp Flux:24127.2x1 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	1264	1262	1260	1259	1257	1255	1264	1262	1260	1259	1257	1255						
5	1240	1235	1229	1229	1227	1229	1240	1238	1239	1235	1238	1234						
10	1213	1211	1211	1211	1208	1206	1210	1202	1198	1197	1201	1203						
15	1227	1227	1232	1231	1229	1226	1229	1220	1211	1210	1210	1214						
20	1231	1237	1238	1238	1231	1224	1231	1225	1215	1209	1210	1216						
25	1117	1126	1130	1130	1114	1114	1111	1106	1105	1095	1100	1107						
30	992	992	995	995	985	988	986	977	974	969	972	978						
35	906	919	909	914	918	910	914	911	900	895	904	899						
40	772	793	779	782	782	776	786	783	778	764	782	770						
45	610	623	617	617	618	624	627	624	629	611	627	618						
50	483	487	482	487	484	495	505	500	501	493	497	487						
55	339	342	332	346	336	350	366	357	355	345	354	340						
60	161	166	160	162	162	171	176	175	177	162	166	165						
65	48.8	55.9	49.5	54.2	49.8	53.8	56.7	49.5	56.9	44.5	51.3	47.3						
70	12.8	13.2	12.6	12.8	12.9	13.3	12.9	12.8	12.5	11.8	12.0	12.0						
75	6.91	7.25	7.19	7.22	7.09	7.17	6.56	6.74	6.64	6.33	6.44	6.44						
80	4.59	4.84	4.69	4.77	4.65	4.79	4.29	4.29	4.27	4.08	4.22	4.16						
85	3.06	3.12	3.06	3.08	3.05	3.09	2.76	2.71	2.71	2.65	2.71	2.69						
90	2.29	2.29	2.28	2.28	2.28	2.28	2.06	2.06	2.06	2.06	2.05	2.06						
95	2.24	2.23	2.23	2.22	2.23	2.22	2.14	2.15	2.14	2.14	2.14	2.14						
100	2.23	2.21	2.21	2.21	2.21	2.20	2.28	2.28	2.27	2.27	2.27	2.27						
105	2.24	2.23	2.22	2.21	2.22	2.21	2.45	2.45	2.45	2.45	2.44	2.45						
110	2.29	2.28	2.28	2.27	2.27	2.27	2.70	2.70	2.69	2.70	2.69	2.70						
115	2.39	2.38	2.38	2.37	2.37	2.37	2.94	2.95	2.94	2.95	2.94	2.94						
120	2.51	2.50	2.50	2.49	2.49	2.49	3.06	3.06	3.06	3.06	3.06	3.06						
125	2.63	2.62	2.62	2.62	2.61	2.61	3.10	3.10	3.10	3.10	3.10	3.10						
130	2.75	2.73	2.74	2.73	2.73	2.73	3.16	3.16	3.16	3.16	3.16	3.16						
135	2.83	2.82	2.82	2.82	2.82	2.82	3.24	3.23	3.23	3.24	3.23	3.23						
140	2.90	2.89	2.89	2.89	2.89	2.89	3.34	3.34	3.33	3.34	3.33	3.33						
145	2.99	2.98	2.98	2.98	2.98	2.98	3.48	3.48	3.47	3.47	3.47	3.47						
150	3.14	3.13	3.13	3.12	3.12	3.13	3.61	3.60	3.59	3.59	3.59	3.59						
155	3.31	3.30	3.30	3.29	3.30	3.30	3.71	3.71	3.70	3.69	3.69	3.70						
160	3.49	3.48	3.48	3.47	3.47	3.47	3.82	3.81	3.80	3.80	3.80	3.81						
165	3.63	3.62	3.63	3.62	3.62	3.62	3.93	3.92	3.91	3.91	3.91	3.91						
170	3.76	3.75	3.75	3.75	3.74	3.74	4.01	4.00	4.00	4.00	4.00	3.99						
175	3.78	3.78	3.77	3.77	3.76	3.77	3.99	3.98	3.98	3.97	3.97	3.97						
180	3.90	3.89	3.88	3.89	3.88	3.88	3.90	3.89	3.88	3.88	3.88	3.88						

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: