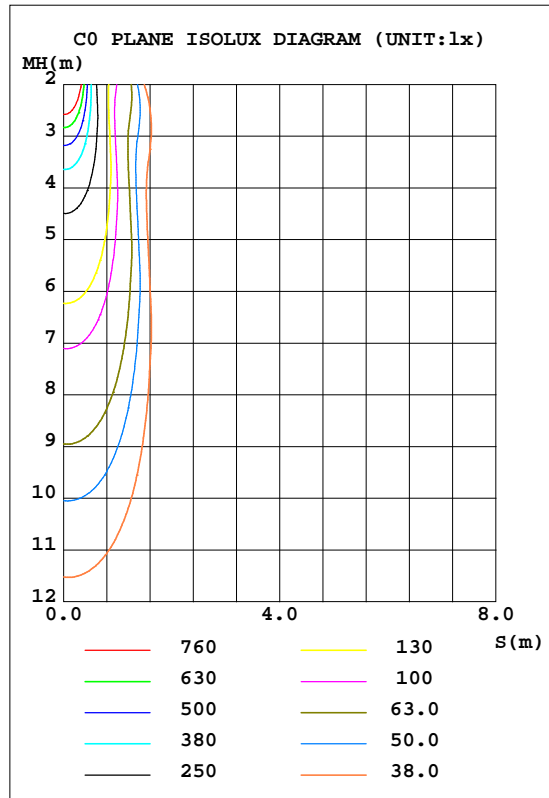
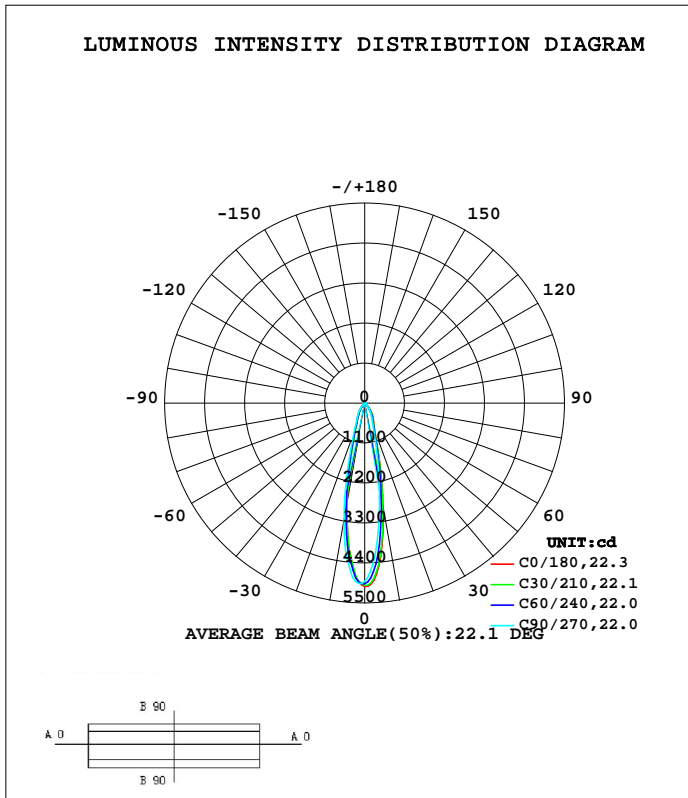


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.10V I:0.1129A P:14.462W PF:0.5818 Freq:49.99Hz Lamp Flux:1266.57x1 lm		
NAME: HT-XBD-15W/NW	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 87.58 lm/W			
MODEL		I <sub>max</sub> (cd)	5045	S/MH(C0/180)	0.37
NOMINAL POWER(W)	--	LOR(%)	100.0	S/MH(C90/270)	0.42
RATED VOLTAGE(V)	--	TOTAL FLUX(lm)	1266.6	η UP, DN(C0-180)	0.0,46.8
NOMINAL FLUX(lm)	1266.57	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0,53.2
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	--	η down(%)	100.0	CIBSE SHR MAX	1.00



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:XIAOXIN  
 Test Date:2022-12-09

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-3000H\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:9.000m [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	2923	2803	2338	2292	2839	2832	3286	3404	0- 10	362.7	362.7	28.6,28.6
20	812.5	779.7	702.4	662.6	746.4	709.6	861.5	926.9	10- 20	422.3	785.0	62,62
30	464.7	429.5	357.5	310.4	319.1	317.3	382.7	452.0	20- 30	242.3	1027	81.1,81.1
40	190.4	177.6	118.7	102.7	118.2	116.5	161.9	196.7	30- 40	160.9	1188	93.8,93.8
50	31.08	32.72	25.68	24.73	31.24	31.48	38.14	41.61	40- 50	55.70	1244	98.2,98.2
60	6.516	6.570	6.257	6.240	7.103	7.036	8.083	8.012	50- 60	14.11	1258	99.3,99.3
70	3.132	3.184	3.349	3.737	4.270	4.185	3.714	3.526	60- 70	4.898	1263	99.7,99.7
80	1.859	1.706	1.101	2.167	3.022	2.218	1.267	1.925	70- 80	3.059	1266	100,100
90	0.0507	0.0492	0.0455	0.0462	0.2020	0.0701	0.0671	0.0745	80- 90	0.6234	1267	100,100
100									90-100			
110									100-110			
120									110-120			
130									120-130			
140									130-140			
150									140-150			
160									150-160			
170									160-170			
180									170-180			
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 1225.2 lm

%lum = 96.7%  
%lamp = 96.7%

Conical surface Flux(120deg): 1258 lm

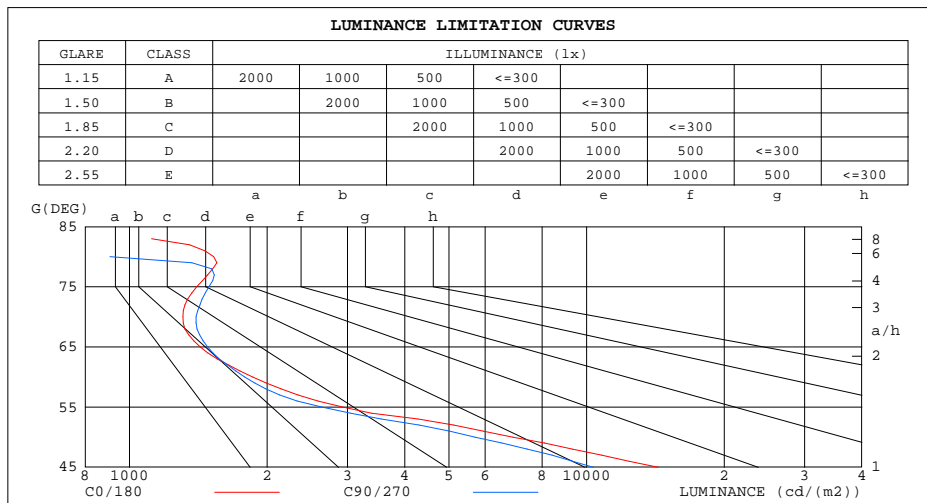
%lum = 99.3%  
%lamp = 99.3%

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:XIAOXIN  
Test Date:2022-12-09

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-3000H\_V1 SYSTEM V2.00.411  
Humidity:65.0%  
Test Distance:9.000m [K=1.0000]  
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:220.10V I:0.1129A P:14.462W PF:0.5818 Freq:49.99Hz Lamp Flux:1266.57x1 lm		
NAME: HT-XBD-15W/NW	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	484	118
80	1529	906
75	1403	1491
70	1308	1399
65	1427	1483
60	1862	1788
55	2932	2638
50	6907	5708
45	14344	10343

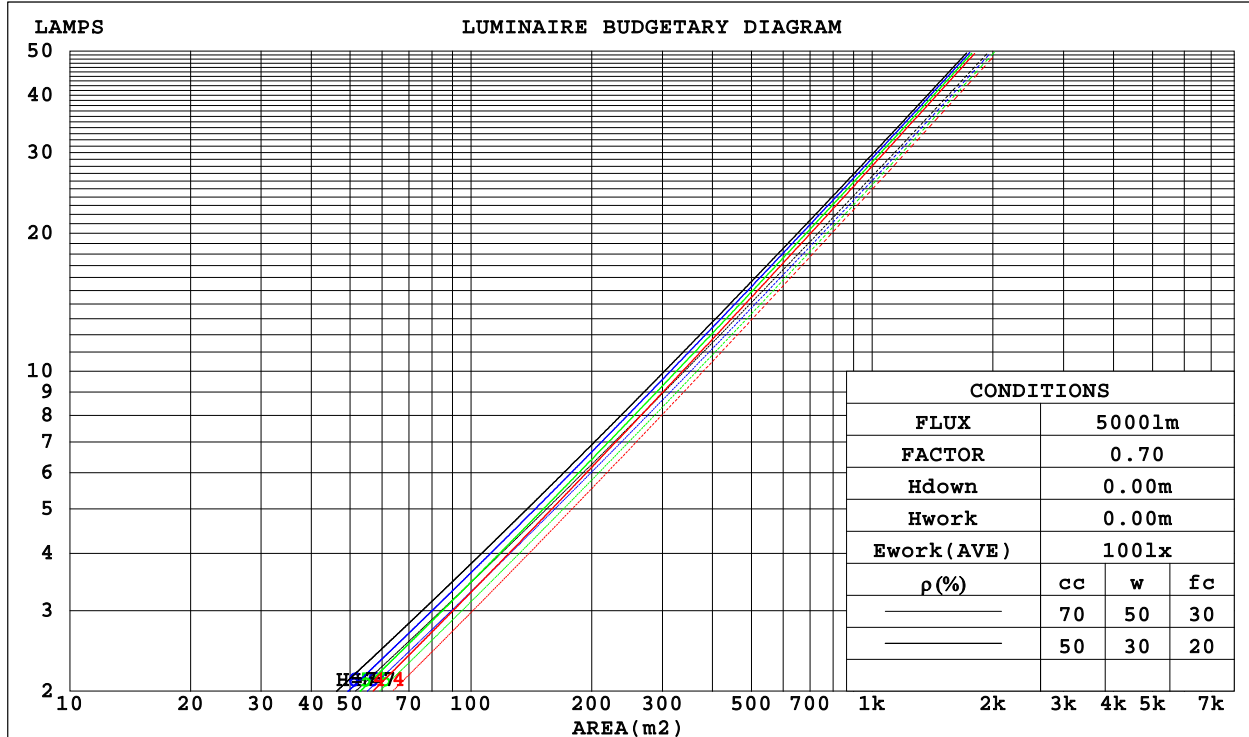
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: XIAOXIN  
 Test Date: 2022-12-09

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-3000H\_V1 SYSTEM V2.00.411  
 Humidity: 65.0%  
 Test Distance: 9.000m [K=1.0000]  
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.10V I:0.1129A P:14.462W PF:0.5818 Freq:49.99Hz Lamp Flux:1266.57x1 lm		
NAME: HT-XBD-15W/NW	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	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	1.02	1.02	1.02	1.00
1.0	1.12	1.10	1.08	1.10	1.08	1.06	1.06	1.04	1.03	1.02	1.01	.00	.99	.98	.97	.95
2.0	1.05	1.02	.99	1.04	1.01	.98	1.01	.98	.96	.98	.96	.94	.95	.93	.92	.90
3.0	.00	.96	.92	.98	.95	.91	.96	.93	.90	.94	.91	.89	.91	.89	.87	.86
4.0	.95	.90	.87	.94	.89	.86	.92	.88	.85	.90	.87	.84	.88	.85	.83	.82
5.0	.90	.85	.82	.89	.85	.81	.88	.84	.81	.86	.83	.80	.85	.82	.79	.78
6.0	.86	.81	.78	.85	.81	.77	.84	.80	.77	.83	.79	.76	.82	.78	.76	.75
7.0	.83	.78	.74	.82	.77	.74	.81	.77	.74	.80	.76	.73	.79	.75	.73	.72
8.0	.79	.74	.71	.79	.74	.71	.78	.74	.71	.77	.73	.70	.76	.73	.70	.69
9.0	.76	.71	.68	.76	.71	.68	.75	.71	.68	.74	.70	.68	.73	.70	.67	.66
10.0	.73	.69	.66	.73	.69	.66	.72	.68	.65	.72	.68	.65	.71	.68	.65	.64



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:XIAOXIN  
 Test Date:2022-12-09

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-3000H\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:9.000m [K=1.0000]  
 Remarks:

WEC AND CCEC

Test:U:220.10V I:0.1129A P:14.462W PF:0.5818 Freq:49.99Hz Lamp Flux:1266.57x1 lm		
NAME: HT-XBD-15W/NW	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
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	.156	.089	.028	.150	.085	.027	.137	.079	.025	.126	.072	.023	.115	.067	.022	
2.0	.147	.081	.025	.142	.078	.024	.132	.073	.023	.122	.068	.021	.113	.064	.020	
3.0	.139	.074	.022	.134	.072	.022	.125	.068	.021	.117	.064	.020	.110	.061	.019	
4.0	.131	.068	.020	.127	.067	.020	.120	.063	.019	.113	.061	.018	.106	.058	.018	
5.0	.124	.063	.018	.121	.062	.018	.114	.059	.018	.108	.057	.017	.103	.055	.016	
6.0	.118	.059	.017	.115	.058	.017	.109	.056	.016	.104	.054	.016	.099	.052	.015	
7.0	.112	.055	.016	.109	.055	.016	.105	.053	.015	.100	.051	.015	.096	.050	.015	
8.0	.107	.052	.015	.105	.051	.015	.100	.050	.014	.096	.049	.014	.092	.047	.014	
9.0	.102	.049	.014	.100	.049	.014	.096	.048	.013	.093	.046	.013	.089	.045	.013	
10.0	.098	.047	.013	.096	.046	.013	.092	.045	.013	.089	.044	.013	.086	.043	.012	

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	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.170	.157	.147	.145	.135	.126	.099	.093	.087	.057	.054	.051	.018	.017	.016	
2.0	.153	.133	.115	.131	.114	.100	.090	.079	.070	.052	.046	.041	.017	.015	.013	
3.0	.139	.113	.093	.119	.098	.080	.082	.068	.056	.047	.040	.033	.015	.013	.011	
4.0	.128	.098	.076	.110	.085	.066	.075	.059	.046	.044	.035	.027	.014	.011	.009	
5.0	.118	.086	.063	.101	.075	.055	.070	.052	.039	.040	.031	.023	.013	.010	.008	
6.0	.110	.077	.053	.094	.066	.046	.065	.046	.033	.038	.027	.019	.012	.009	.006	
7.0	.103	.069	.045	.088	.060	.039	.061	.042	.028	.035	.025	.017	.011	.008	.005	
8.0	.096	.062	.039	.083	.054	.034	.057	.038	.024	.033	.022	.014	.011	.007	.005	
9.0	.091	.057	.034	.078	.049	.029	.054	.035	.021	.032	.020	.012	.010	.007	.004	
10.0	.086	.052	.030	.074	.045	.026	.052	.032	.018	.030	.019	.011	.010	.006	.004	

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:XIAOXIN  
 Test Date:2022-12-09

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-3000H\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:9.000m [K=1.0000]  
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:220.10V I:0.1129A P:14.462W PF:0.5818 Freq:49.99Hz Lamp Flux:1266.57x1 lm												
NAME: HT-XBD-15W/NW					TYPE:			WEIGHT:				
SPEC.:					DIM.:			SERIAL No.:				
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	2H	17.2	18.0	17.4	18.2	18.3	15.8	16.5	16.0	16.7	16.9	
	3H	17.1	17.8	17.3	18.0	18.2	15.6	16.4	15.9	16.6	16.7	
	4H	17.0	17.7	17.3	17.9	18.1	15.6	16.3	15.9	16.5	16.7	
	6H	16.9	17.6	17.2	17.8	18.1	15.5	16.2	15.8	16.4	16.7	
	8H	16.9	17.5	17.2	17.8	18.0	15.5	16.1	15.8	16.4	16.6	
	12H	16.9	17.5	17.2	17.7	18.0	15.4	16.0	15.8	16.3	16.6	
	4H	2H	17.0	17.7	17.3	17.9	18.1	15.5	16.2	15.8	16.4	16.7
		3H	16.8	17.4	17.2	17.7	18.0	15.4	16.0	15.7	16.3	16.6
		4H	16.8	17.3	17.1	17.6	17.9	15.4	15.9	15.7	16.2	16.5
		6H	16.7	17.2	17.1	17.5	17.9	15.3	15.8	15.7	16.2	16.5
		8H	16.7	17.1	17.1	17.5	17.9	15.3	15.7	15.7	16.1	16.4
		12H	16.6	17.1	17.0	17.4	17.8	15.2	15.6	15.6	16.0	16.4
	8H	4H	16.7	17.1	17.0	17.4	17.8	15.3	15.7	15.7	16.1	16.4
		6H	16.6	17.0	17.0	17.4	17.8	15.2	15.6	15.6	16.0	16.4
		8H	16.6	16.9	17.0	17.3	17.8	15.2	15.5	15.6	15.9	16.3
		12H	16.5	16.8	17.0	17.2	17.7	15.1	15.4	15.6	15.8	16.3
	12H	4H	16.6	17.0	17.0	17.4	17.8	15.2	15.6	15.6	16.0	16.4
		6H	16.6	16.9	17.0	17.3	17.7	15.2	15.5	15.6	15.9	16.4
		8H	16.5	16.8	17.0	17.2	17.7	15.1	15.4	15.6	15.8	16.3
Variations with the observer position at spacings:												
S = 1.0H	+ 2.9 / - 9.5					+ 2.8 / - 8.2						
1.5H	+ 5.0 / - 8.5					+ 4.7 / - 7.3						
2.0H	+ 5.6 / - 4.8					+ 5.1 / - 4.1						

CIE Pub.117, 1267 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 0.8)  
 Area: 0.007 m2

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:XIAOXIN  
 Test Date:2022-12-09

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-3000H\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:9.000m [K=1.0000]  
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:220.10V I:0.1129A P:14.462W PF:0.5818 Freq:49.99Hz Lamp Flux:1266.57x1 lm		
NAME: HT-XBD-15W/NW	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

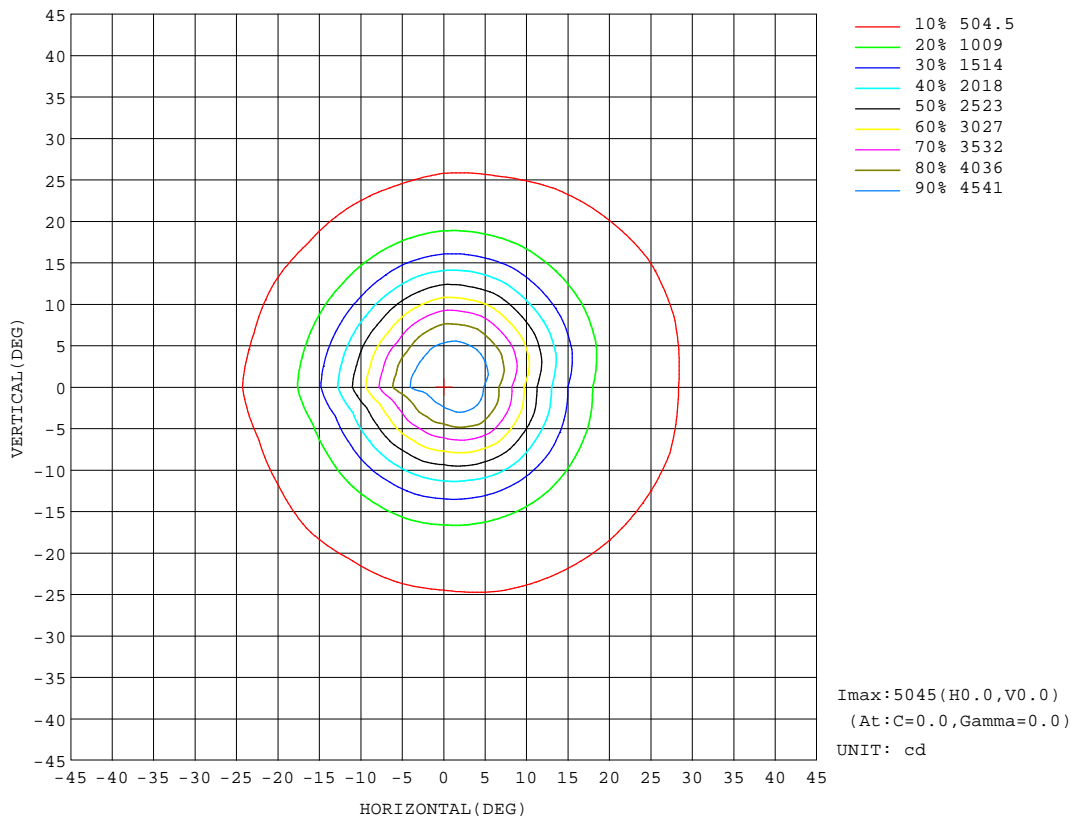
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	88	81	78	87	81	78	86	81	77	74
0.80	95	89	86	94	89	86	93	88	85	81
1.00	100	94	90	99	94	90	97	93	90	86
1.25	103	98	95	102	98	95	100	97	94	90
1.50	106	101	98	105	101	98	103	99	97	92
2.00	109	105	102	107	104	101	105	102	99	94
2.50	110	107	104	109	105	103	106	103	101	95
3.00	112	109	106	110	107	105	107	104	103	96
4.00	114	111	109	112	110	108	108	106	105	98
5.00	115	113	111	113	111	109	109	108	106	99
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:XIAOXIN  
 Test Date:2022-12-09

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-3000H\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:9.000m [K=1.0000]  
 Remarks:

ISOCANDELA DIAGRAM

Test:U:220.10V I:0.1129A P:14.462W PF:0.5818 Freq:49.99Hz Lamp Flux:1266.57x1 lm		
NAME: HT-XBD-15W/NW	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:XIAOXIN  
 Test Date:2022-12-09

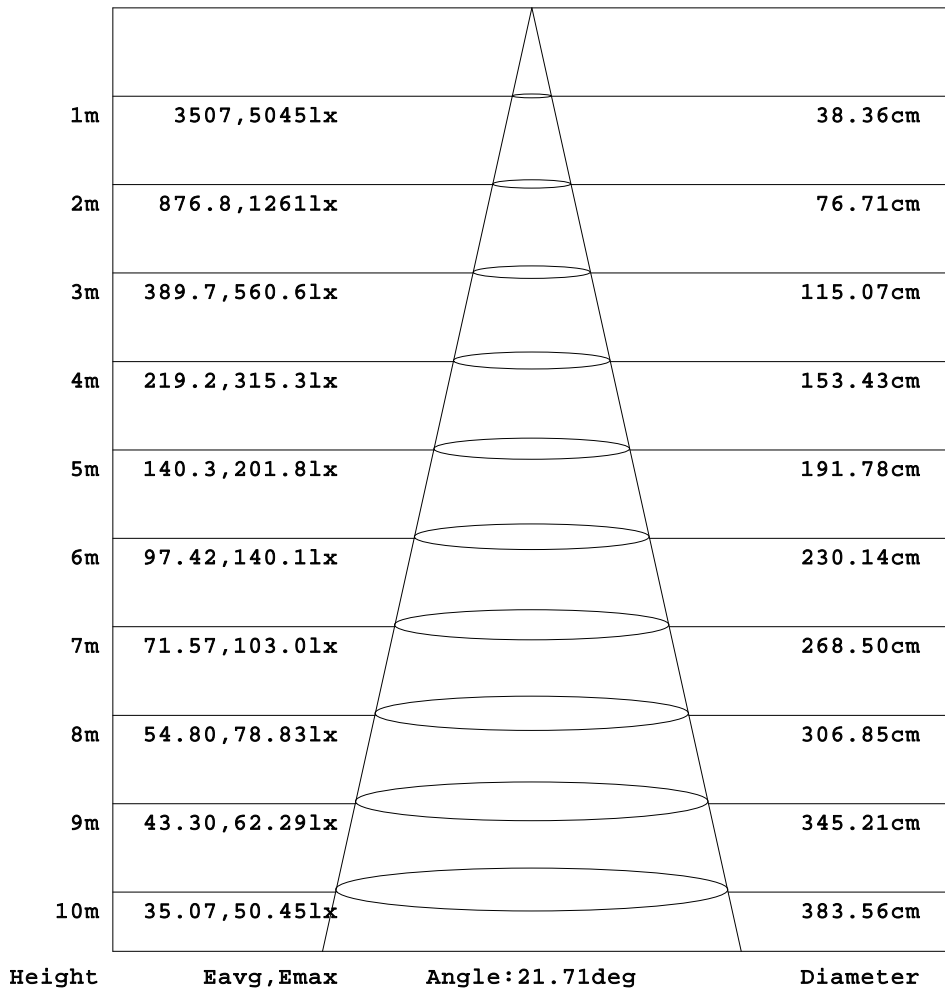
$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-3000H\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:9.000m [K=1.0000]  
 Remarks:



AAI Figure

Test:U:220.10V I:0.1129A P:14.462W PF:0.5818 Freq:49.99Hz Lamp Flux:1266.57x1 lm		
NAME: HT-XBD-15W/NW	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Flux out:416.3 lm



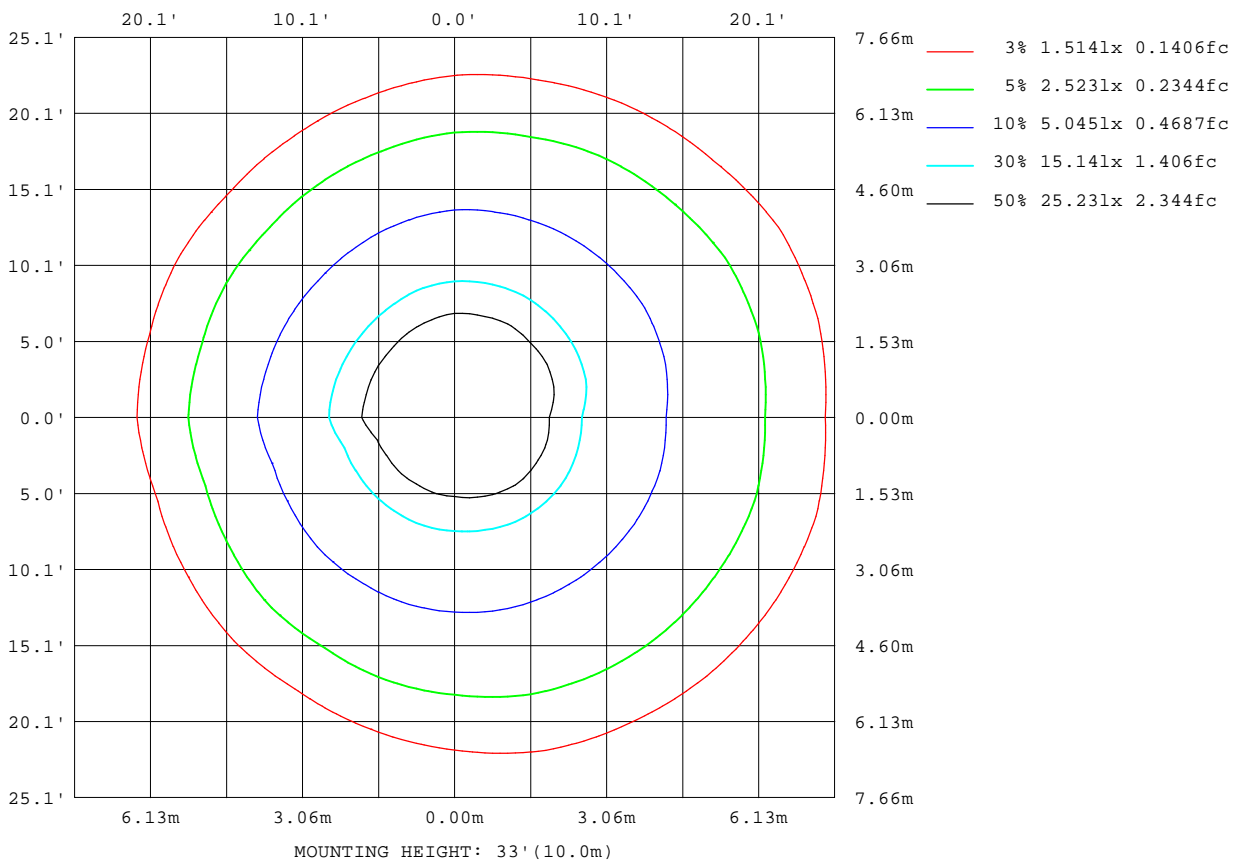
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:XIAOXIN  
 Test Date:2022-12-09

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-3000H\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:9.000m [K=1.0000]  
 Remarks:

ISOLUX DIAGRAM

Test:U:220.10V I:0.1129A P:14.462W PF:0.5818 Freq:49.99Hz Lamp Flux:1266.57x1 lm		
NAME: HT-XBD-15W/NW	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: XIAOXIN  
 Test Date: 2022-12-09

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-3000H\_V1 SYSTEM V2.00.411  
 Humidity: 65.0%  
 Test Distance: 9.000m [K=1.0000]  
 Remarks:

LED Avg.L Report

Test:U:220.10V I:0.1129A P:14.462W PF:0.5818 Freq:49.99Hz Lamp Flux:1266.57x1 lm		
NAME: HT-XBD-15W/NW	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

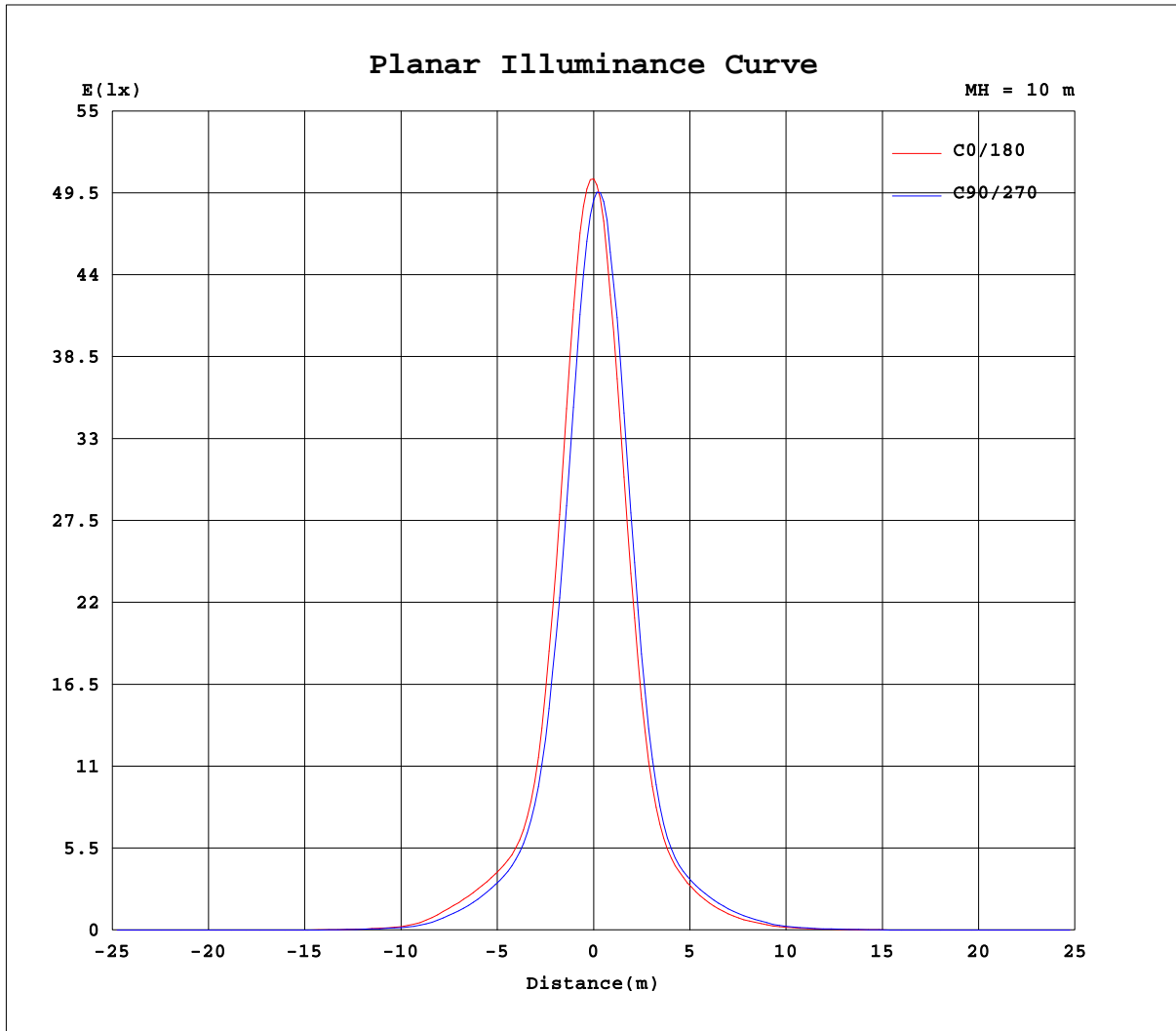
AvgL	cd/m2
L_0~180(65)av	1602
L_0~180(75)av	1690
L_0~180(85)av	1067
L_90~270(65)av	1635
L_90~270(75)av	1523
L_90~270(85)av	135
L_45(65)av	1617
L_45(75)av	1616
L_45(85)av	319

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:XIAOXIN  
 Test Date:2022-12-09

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-3000H\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:9.000m [K=1.0000]  
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: XIAOXIN  
 Test Date: 2022-12-09

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-3000H\_V1 SYSTEM V2.00.411  
 Humidity: 65.0%  
 Test Distance: 9.000m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.10V I:0.1129A P:14.462W PF:0.5818 Freq:49.99Hz Lamp Flux:1266.57x1 lm		
NAME: HT-XBD-15W/NW	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	5045	5030	5016	4993	4967	4932	4906	4897	4882	4880	4870	4877	5045	5030	5016	4993	4967	4932	4906
5	4501	4491	4447	4328	4191	4031	3878	3844	3769	3805	3809	3917	4317	4307	4304	4343	4415	4545	4605
10	2923	2957	2875	2803	2621	2465	2338	2319	2258	2292	2296	2405	2839	2774	2811	2832	2978	3119	3286
15	1507	1519	1511	1445	1361	1289	1236	1217	1182	1182	1176	1223	1474	1429	1422	1441	1532	1676	1766
20	812	818	800	780	751	727	702	687	667	663	651	657	746	717	708	710	747	803	861
25	588	588	570	550	532	516	489	476	454	455	438	437	477	456	459	456	479	498	530
30	465	466	447	429	410	389	357	334	311	310	299	292	319	310	318	317	333	354	383
35	339	347	331	312	288	269	237	211	194	193	183	177	200	200	205	203	215	236	261
40	190	206	200	178	155	143	119	103	96.7	103	96.2	99.5	118	117	120	117	124	140	162
45	71.0	82.6	79.5	71.1	63.8	60.5	51.2	49.3	45.9	47.7	45.9	48.1	55.7	53.8	54.5	53.9	58.6	64.1	73.2
50	31.1	34.6	35.4	32.7	30.5	28.0	25.7	24.3	24.0	24.7	25.4	26.1	31.2	31.1	30.9	31.5	33.1	36.5	38.1
55	11.8	13.0	13.2	12.7	12.0	11.1	10.6	10.3	10.3	10.5	10.8	11.2	14.4	14.0	13.9	14.3	15.3	17.1	17.9
60	6.52	6.52	6.59	6.57	6.48	6.31	6.26	6.25	6.24	6.24	6.27	6.34	7.10	6.94	6.90	7.04	7.35	7.83	8.08
65	4.22	4.22	4.26	4.30	4.36	4.34	4.39	4.47	4.55	4.67	4.76	4.86	5.25	5.19	5.17	5.17	5.22	5.29	5.28
70	3.13	3.11	3.14	3.18	3.25	3.29	3.35	3.46	3.59	3.74	3.87	3.97	4.27	4.24	4.21	4.18	4.05	3.88	3.71
75	2.54	2.56	2.59	2.55	2.63	2.66	2.70	2.82	2.98	3.12	3.24	3.34	3.58	3.55	3.54	3.35	3.13	2.96	2.82
80	1.86	1.88	1.83	1.71	1.62	1.40	1.10	1.26	1.69	2.17	2.54	2.69	3.02	3.00	2.77	2.22	1.73	1.24	1.27
85	0.30	0.33	0.25	0.17	0.12	0.09	0.07	0.08	0.11	0.19	0.29	0.37	1.01	0.80	0.32	0.20	0.13	0.10	0.09
90	0.05	0.05	0.05	0.05	0.04	0.05	0.05	0.05	0.04	0.05	0.05	0.13	0.20	0.16	0.09	0.07	0.07	0.07	0.07

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:XIAOXIN  
Test Date:2022-12-09  
  
γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-3000H\_V1 SYSTEM V2.00.411  
Humidity:65.0%  
Test Distance:9.000m [K=1.0000]  
Remarks:

**LUMINOUS DISTRIBUTION INTENSITY DATA**

Test:U:220.10V I:0.1129A P:14.462W PF:0.5818 Freq:49.99Hz Lamp Flux:1266.57x1 lm		
NAME: HT-XBD-15W/NW	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C( DEG) γ (DEG)						
	285	300	315	330	345	
0	4897	4882	4880	4870	4877	
5	4692	4746	4738	4732	4655	
10	3339	3433	3404	3402	3270	
15	1841	1885	1871	1849	1783	
20	890	922	927	933	901	
25	547	572	593	614	609	
30	400	431	452	476	479	
35	277	301	322	353	357	
40	171	184	197	222	218	
45	72.4	76.0	83.1	92.6	86.1	
50	38.8	39.8	41.6	43.1	39.9	
55	18.5	17.9	18.6	17.4	16.1	
60	8.19	8.19	8.01	7.78	7.40	
65	5.29	5.19	5.00	4.81	4.63	
70	3.64	3.63	3.53	3.40	3.30	
75	2.73	2.75	2.69	2.72	2.68	
80	1.65	1.82	1.93	2.03	2.13	
85	0.11	0.16	0.23	0.61	0.72	
90	0.07	0.07	0.07	0.08	0.11	

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:XIAOXIN  
 Test Date:2022-12-09

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-3000H\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:9.000m [K=1.0000]  
 Remarks: