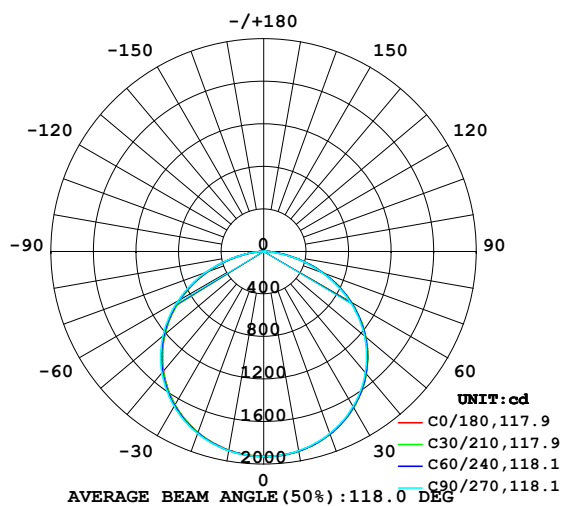


LUMINAIRE PHOTOMETRIC TEST REPORT

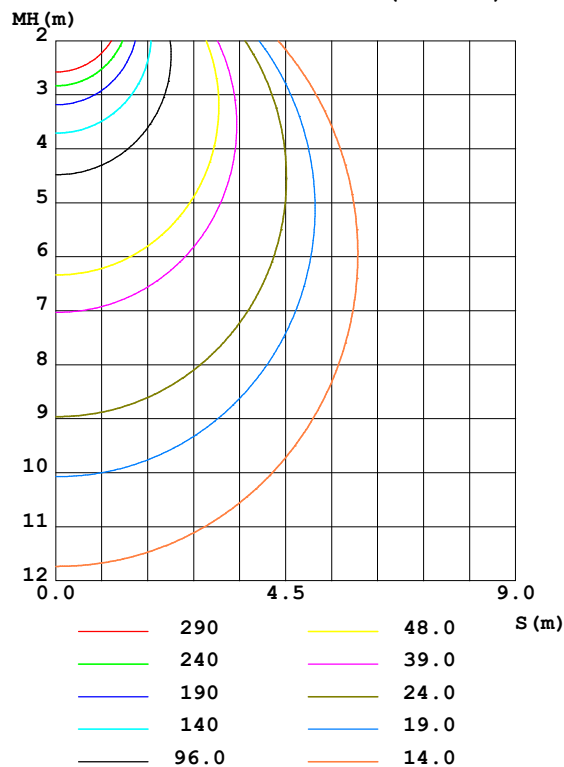
Test:U:24.0V I:1.627A P:39.05W PF:1.000 Freq:0Hz Lamp Flux:5848.64x1 lm		
NAME: EKF54406000	SUR.: 1m*0.14m	SERIAL No.:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 149.78 lm/W			
MODEL	EKF54406000	I _{max} (cd)	1928	S/MH (C0/180)	1.29
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	1.30
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	5848.6	η UP, DN (C0-180)	0.2, 50.1
NOMINAL FLUX (lm)	5848.64	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.2, 49.5
LAMPS INSIDE	1	η up (%)	0.4	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)	24	η down (%)	99.6	CIBSE SHR MAX	1.50

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Bo Zou
 Test Date: 2021-06-8

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.291
 Humidity: 50.2%
 Test Distance: 10.149m [K=1.0000]
 Remarks: standard: GB/T 9468-2008

Checker: Bo Zou

Assessor: Chunbo Zhou

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1906	1906	1902	1900	1897	1899	1902	1905	0- 10	182.8	182.8	3.13,3.13
20	1828	1828	1820	1815	1810	1814	1821	1825	10- 20	527.6	710.5	12.1,12.1
30	1693	1693	1682	1675	1667	1672	1684	1689	20- 30	810.6	1521	26,26
40	1501	1501	1488	1479	1468	1474	1489	1495	30- 40	995.7	2517	43,43
50	1253	1252	1237	1227	1213	1220	1238	1245	40- 50	1055	3572	61.1,61.1
60	950.3	949.5	932.4	922.7	907.3	913.2	933.3	940.7	50- 60	972.8	4545	77.7,77.7
70	602.0	600.9	583.5	574.8	558.8	563.4	583.2	586.1	60- 70	751.0	5296	90.5,90.5
80	243.7	241.7	229.3	221.7	208.3	212.1	226.4	223.5	70- 80	422.5	5718	97.8,97.8
90	13.89	15.00	0.9074	12.05	7.320	8.986	6.086	10.35	80- 90	104.5	5823	99.6,99.6
100	1.477	1.485	1.568	1.610	1.382	1.244	1.302	1.169	90-100	2.830	5825	99.6,99.6
110	2.515	2.631	2.812	2.774	2.294	2.310	2.408	2.202	100-110	2.035	5827	99.6,99.6
120	3.754	3.887	4.118	4.041	3.482	3.553	3.666	3.405	110-120	3.082	5831	99.7,99.7
130	4.939	5.050	5.242	5.192	4.629	4.712	4.840	4.581	120-130	3.869	5834	99.8,99.8
140	5.888	6.037	6.161	6.146	5.638	5.699	5.815	5.608	130-140	4.170	5839	99.8,99.8
150	6.704	6.836	6.915	6.915	6.466	6.521	6.614	6.441	140-150	3.945	5843	99.9,99.9
160	7.422	7.447	7.457	7.486	7.241	7.205	7.258	7.132	150-160	3.238	5846	100,100
170	7.914	7.886	7.873	7.891	7.868	7.720	7.783	7.697	160-170	2.143	5848	100,100
180	8.171	8.068	8.068	8.079	8.171	8.062	8.074	8.085	170-180	0.7587	5849	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

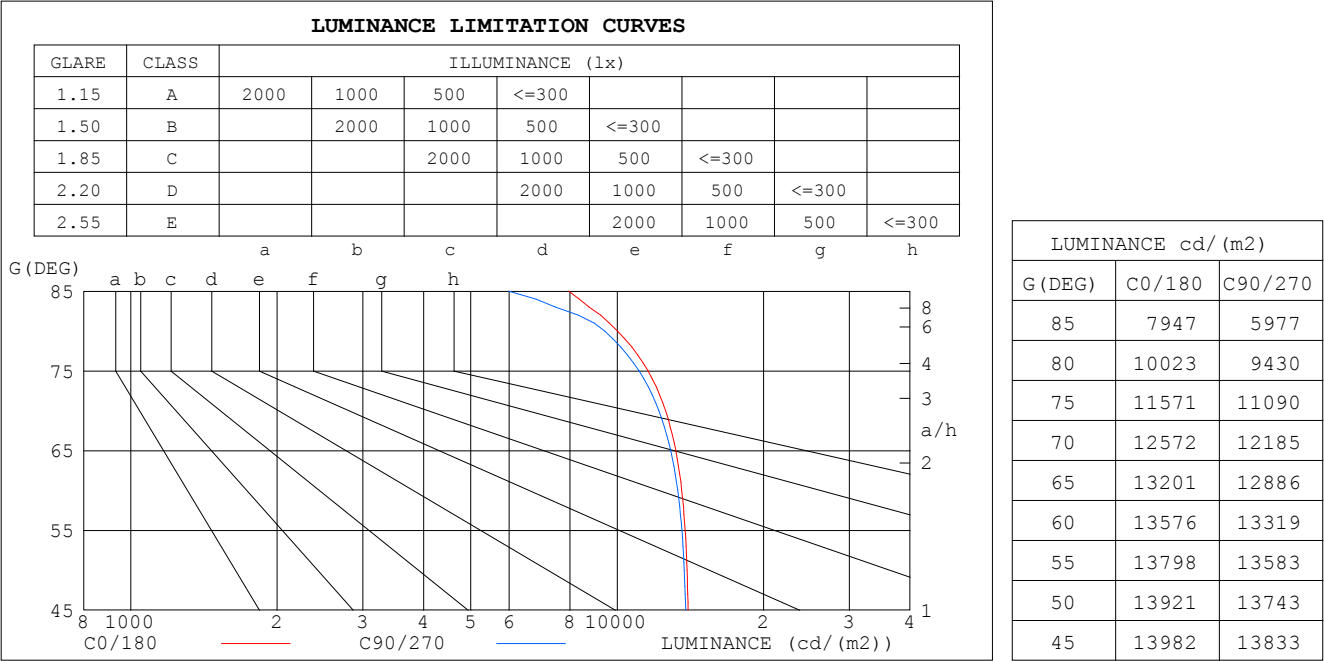
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Bo Zou
 Test Date:2021-06-8

Checker: Bo Zou

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
 Humidity:50.2%
 Test Distance:10.149m [K=1.0000]
 Remarks: standard: GB/T 9468-2008

Assessor: Chunbo Zhou

LUMINANCE LIMITATION CURVES



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Bo Zou
Test Date:2021-06-8

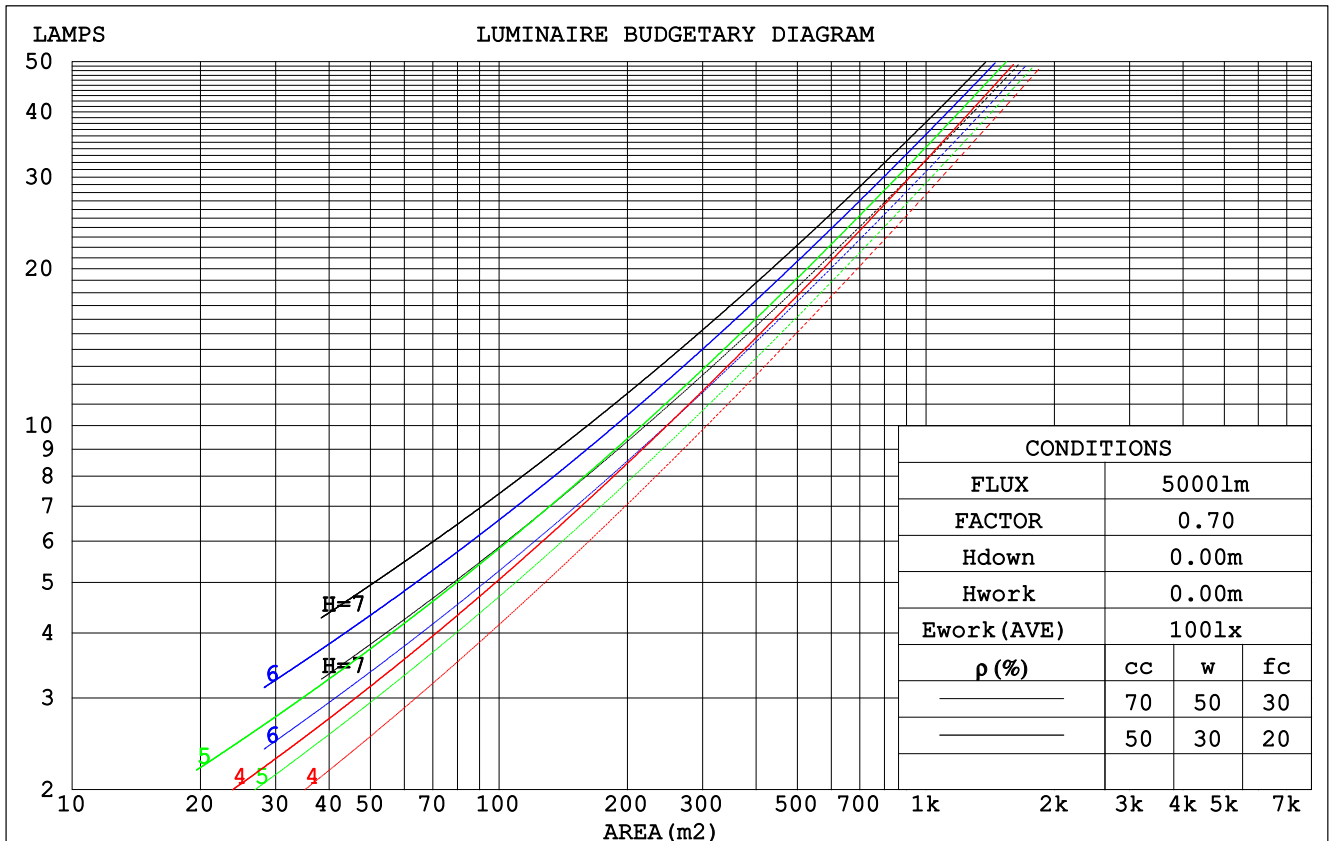
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
Humidity:50.2%
Test Distance:10.149m [K=1.0000]
Remarks: standard: GB/T 9468-2008

Checker: Bo Zou

Assessor: Chunbo Zhou

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

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	1.19	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	.00
1.0	1.04	.99	.95	1.01	.97	.94	.97	.94	.91	.93	.90	.88	.89	.87	.85	.83
2.0	.90	.83	.77	.88	.82	.76	.84	.79	.74	.81	.77	.73	.78	.74	.71	.69
3.0	.79	.70	.64	.77	.69	.63	.74	.67	.62	.71	.66	.61	.69	.64	.60	.58
4.0	.70	.61	.54	.68	.60	.53	.66	.58	.53	.63	.57	.52	.61	.56	.51	.49
5.0	.62	.53	.46	.61	.52	.46	.59	.51	.45	.57	.50	.45	.55	.49	.44	.42
6.0	.56	.47	.40	.55	.46	.40	.53	.45	.40	.51	.44	.39	.50	.43	.39	.37
7.0	.50	.42	.35	.50	.41	.35	.48	.40	.35	.47	.40	.35	.45	.39	.34	.32
8.0	.46	.37	.31	.45	.37	.31	.44	.36	.31	.43	.36	.31	.41	.35	.31	.29
9.0	.42	.34	.28	.42	.34	.28	.40	.33	.28	.39	.33	.28	.38	.32	.28	.26
10.0	.39	.31	.26	.38	.31	.25	.37	.30	.25	.36	.30	.25	.35	.29	.25	.23



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Bo Zou
 Test Date: 2021-06-8

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.291
 Humidity: 50.2%
 Test Distance: 10.149m [K=1.0000]
 Remarks: standard: GB/T 9468-2008

Checker: Bo Zou

Assessor: Chunbo Zhou

WEC AND CCEC

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	.313	.178	.056	.305	.174	.055	.292	.167	.053	.279	.161	.052	.268	.155	.050	
2.0	.295	.162	.050	.288	.159	.049	.276	.154	.048	.265	.149	.047	.255	.144	.046	
3.0	.273	.145	.043	.267	.143	.043	.257	.139	.042	.247	.135	.041	.238	.132	.041	
4.0	.252	.131	.038	.247	.129	.038	.237	.126	.038	.229	.123	.037	.220	.120	.036	
5.0	.233	.119	.034	.228	.117	.034	.220	.114	.034	.212	.112	.033	.205	.109	.033	
6.0	.216	.108	.031	.212	.107	.031	.204	.105	.030	.197	.102	.030	.191	.100	.030	
7.0	.201	.099	.028	.197	.098	.028	.190	.096	.028	.184	.094	.027	.178	.093	.027	
8.0	.187	.091	.026	.184	.091	.026	.178	.089	.025	.172	.087	.025	.167	.086	.025	
9.0	.175	.085	.024	.173	.084	.024	.167	.083	.023	.162	.081	.023	.157	.080	.023	
10.0	.165	.079	.022	.162	.078	.022	.157	.077	.022	.153	.076	.022	.148	.075	.021	

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	.194	.194	.194	.166	.166	.166	.113	.113	.113	.065	.065	.065	.021	.021	.021	
1.0	.184	.160	.138	.157	.137	.118	.108	.094	.082	.062	.055	.048	.020	.018	.015	
2.0	.176	.135	.101	.151	.117	.087	.103	.081	.061	.060	.047	.036	.019	.015	.012	
3.0	.169	.118	.077	.144	.102	.067	.099	.071	.047	.057	.041	.028	.018	.013	.009	
4.0	.161	.105	.061	.138	.090	.053	.095	.063	.038	.055	.037	.022	.018	.012	.007	
5.0	.154	.094	.050	.132	.081	.044	.091	.057	.031	.053	.033	.018	.017	.011	.006	
6.0	.146	.086	.042	.126	.074	.037	.087	.052	.026	.050	.031	.016	.016	.010	.005	
7.0	.140	.079	.036	.120	.068	.032	.083	.048	.023	.048	.028	.013	.016	.009	.004	
8.0	.133	.073	.032	.115	.063	.028	.079	.045	.020	.046	.026	.012	.015	.009	.004	
9.0	.127	.068	.029	.109	.059	.025	.076	.042	.018	.044	.025	.011	.014	.008	.003	
10.0	.121	.064	.026	.105	.056	.023	.073	.039	.016	.042	.023	.010	.014	.008	.003	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Bo Zou
 Test Date:2021-06-8

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
 Humidity:50.2%
 Test Distance:10.149m [K=1.0000]
 Remarks: standard: GB/T 9468-2008

Checker: Bo Zou

Assessor: Chunbo Zhou

UGR(Unified Glare Rating) Table

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	16.0	17.5	16.3	17.7	18.0	15.9	17.5	16.2	17.7	17.9
3H	17.6	19.0	17.9	19.3	19.5	17.5	18.9	17.8	19.2	19.4
4H	18.2	19.6	18.5	19.8	20.1	18.1	19.4	18.4	19.7	20.0
6H	18.6	19.9	19.0	20.2	20.5	18.5	19.8	18.8	20.0	20.3
8H	18.8	20.0	19.1	20.3	20.6	18.6	19.8	18.9	20.1	20.4
12H	18.8	20.0	19.2	20.3	20.6	18.6	19.8	19.0	20.1	20.4
4H 2H	16.6	18.0	17.0	18.2	18.5	16.6	17.9	16.9	18.2	18.5
3H	18.4	19.6	18.8	19.9	20.2	18.3	19.5	18.7	19.8	20.1
4H	19.2	20.2	19.5	20.6	20.9	19.0	20.1	19.4	20.5	20.8
6H	19.7	20.6	20.1	21.0	21.4	19.6	20.5	20.0	20.9	21.2
8H	19.9	20.7	20.3	21.1	21.5	19.7	20.6	20.1	21.0	21.4
12H	20.0	20.8	20.4	21.2	21.6	19.8	20.6	20.2	21.0	21.4
8H 4H	19.4	20.3	19.8	20.7	21.1	19.3	20.2	19.7	20.6	21.0
6H	20.1	20.8	20.5	21.2	21.7	20.0	20.7	20.4	21.1	21.6
8H	20.3	21.0	20.8	21.4	21.9	20.2	20.8	20.7	21.3	21.7
12H	20.5	21.1	21.0	21.5	22.0	20.3	20.9	20.8	21.3	21.8
12H 4H	19.4	20.2	19.9	20.6	21.0	19.3	20.1	19.8	20.5	21.0
6H	20.1	20.8	20.6	21.2	21.7	20.0	20.7	20.5	21.1	21.6
8H	20.4	21.0	20.9	21.4	21.9	20.3	20.8	20.8	21.3	21.8
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.4				

CIE Pub.117, 5849 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 6.1$)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Bo Zou
 Test Date: 2021-06-8

Checker: Bo Zou

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.291
 Humidity: 50.2%
 Test Distance: 10.149m [K=1.0000]
 Remarks: standard: GB/T 9468-2008

Assessor: Chunbo Zhou

UTILIZATION FACTORS TABLE

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) $k(RI) \times RCR = 5$									
$k = 0.60$	57	45	38	56	45	38	55	44	37	31
0.80	67	55	47	66	54	47	64	54	47	40
1.00	75	64	56	74	63	56	72	65	56	48
1.25	82	72	64	81	71	64	78	69	63	56
1.50	87	77	70	86	76	70	83	75	69	61
2.00	94	86	79	93	84	78	89	82	77	69
2.50	98	91	84	96	89	83	92	86	82	73
3.00	102	95	89	100	93	88	95	90	86	77
4.00	106	100	95	104	98	94	99	95	91	82
5.00	108	104	99	106	102	98	101	98	95	85
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

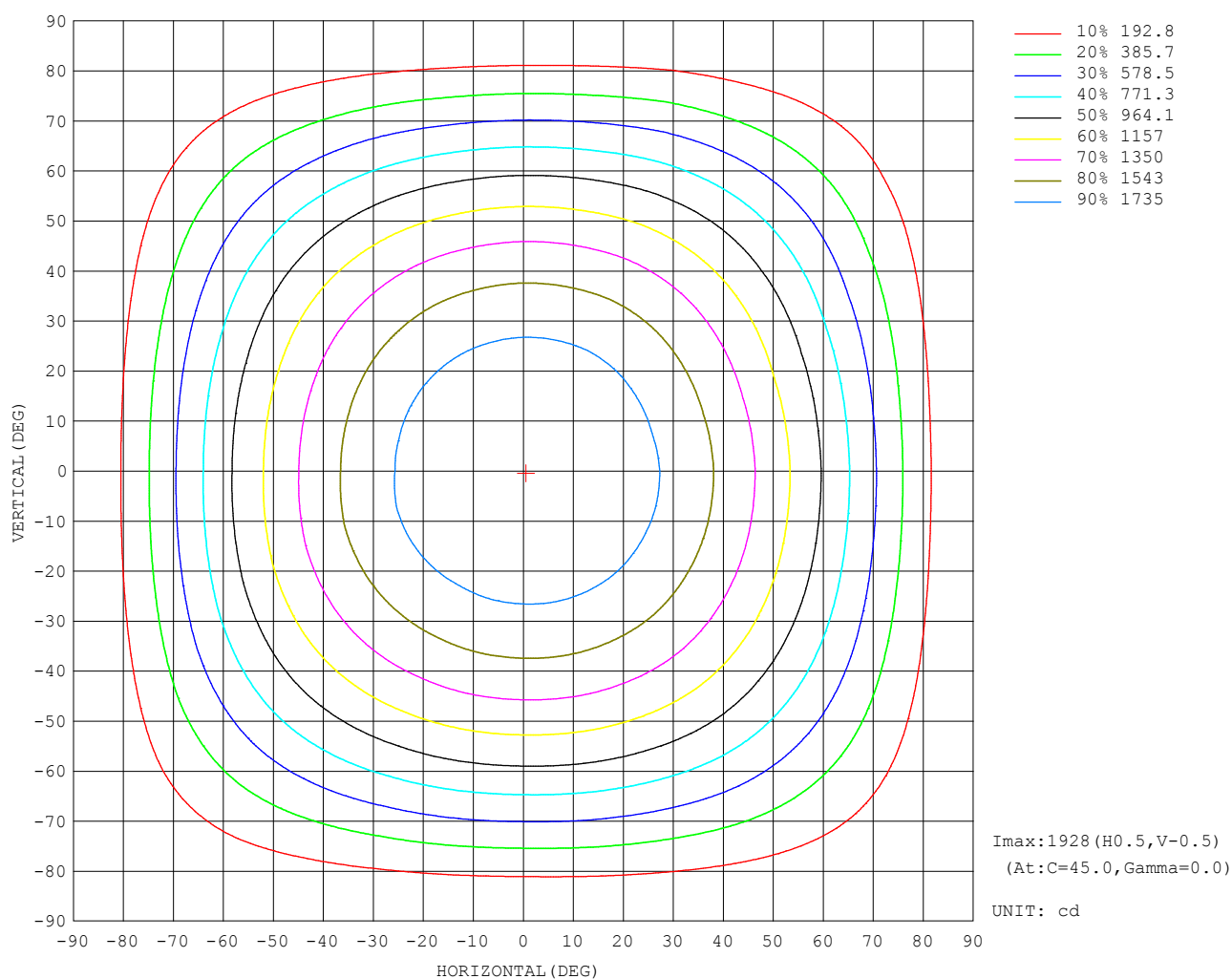
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 Test Date: 2021-06-8

Checker: Bo Zou

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.291
 Humidity: 50.2%
 Test Distance: 10.149m [K=1.0000]
 Remarks: standard: GB/T 9468-2008

Assessor: Chunbo Zhou

ISOCANDELA DIAGRAM



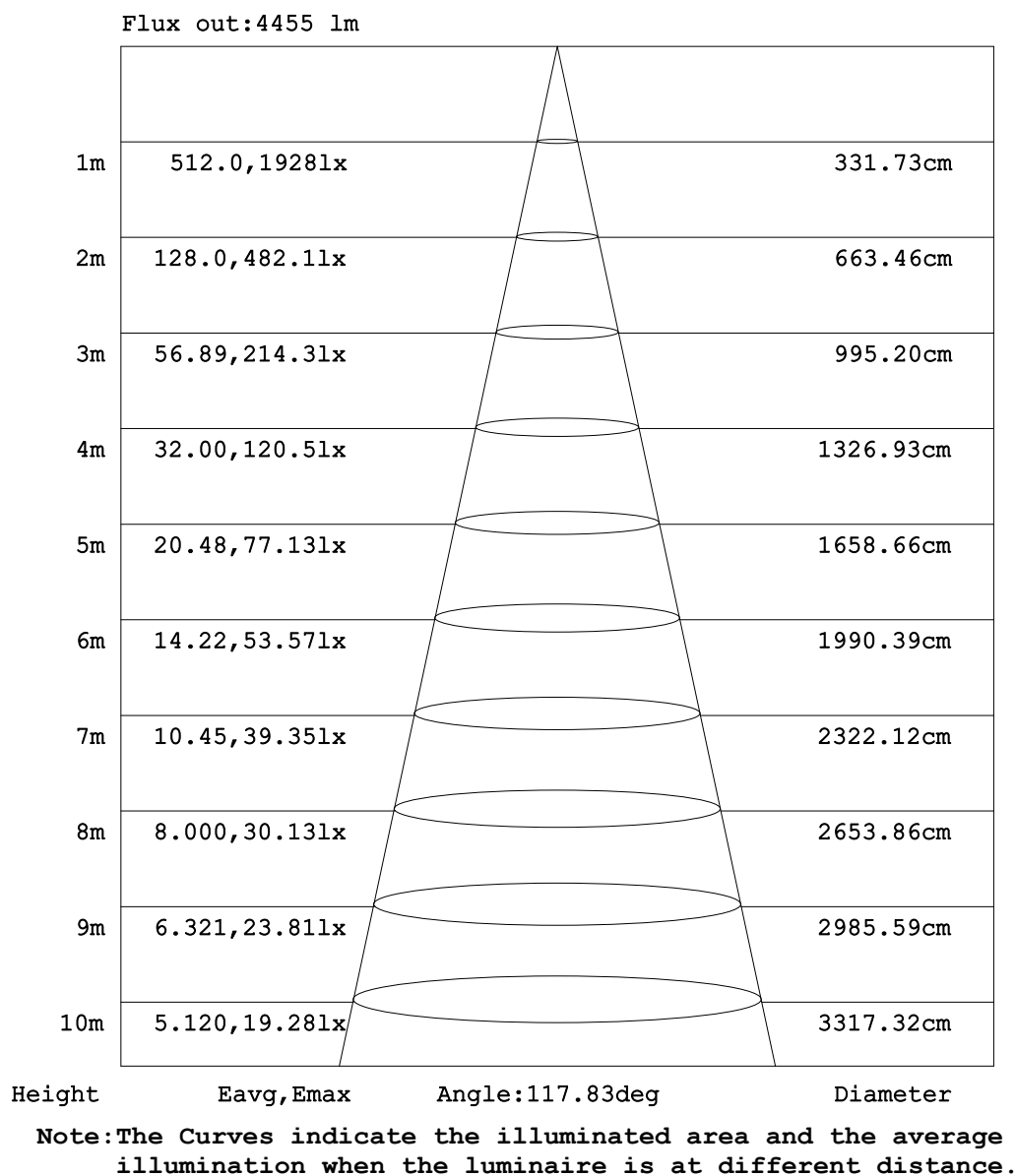
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Temperature:25.3DEG
Operators:Bo Zou
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γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
Humidity:50.2%
Test Distance:10.149m [K=1.0000]
Remarks: standard: GB/T 9468-2008

Checker: Bo Zou

Assessor: Chunbo Zhou

AAI Figure



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Bo Zou
 Test Date: 2021-06-8

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.291
 Humidity: 50.2%
 Test Distance: 10.149m [K=1.0000]
 Remarks: standard: GB/T 9468-2008

Checker: Bo Zou

Assessor: Chunbo Zhou

LED Avg.L Report

Test:U:24.0V I:1.627A P:39.05W PF:1.000 Freq:0Hz Lamp Flux:5848.64x1 lm		
NAME: EKF54406000	SUR.:1m*0.14m	SERIAL No.:
MFR.: LEDIA		

AvgL	cd/m2
L_0~180 (65) av	12831
L_0~180 (75) av	11021
L_0~180 (85) av	6988
L_90~270 (65) av	12890
L_90~270 (75) av	11080
L_90~270 (85) av	5976
L_45 (65) av	12858
L_45 (75) av	11013
L_45 (85) av	6936

Standard: GB/T 29293-2012

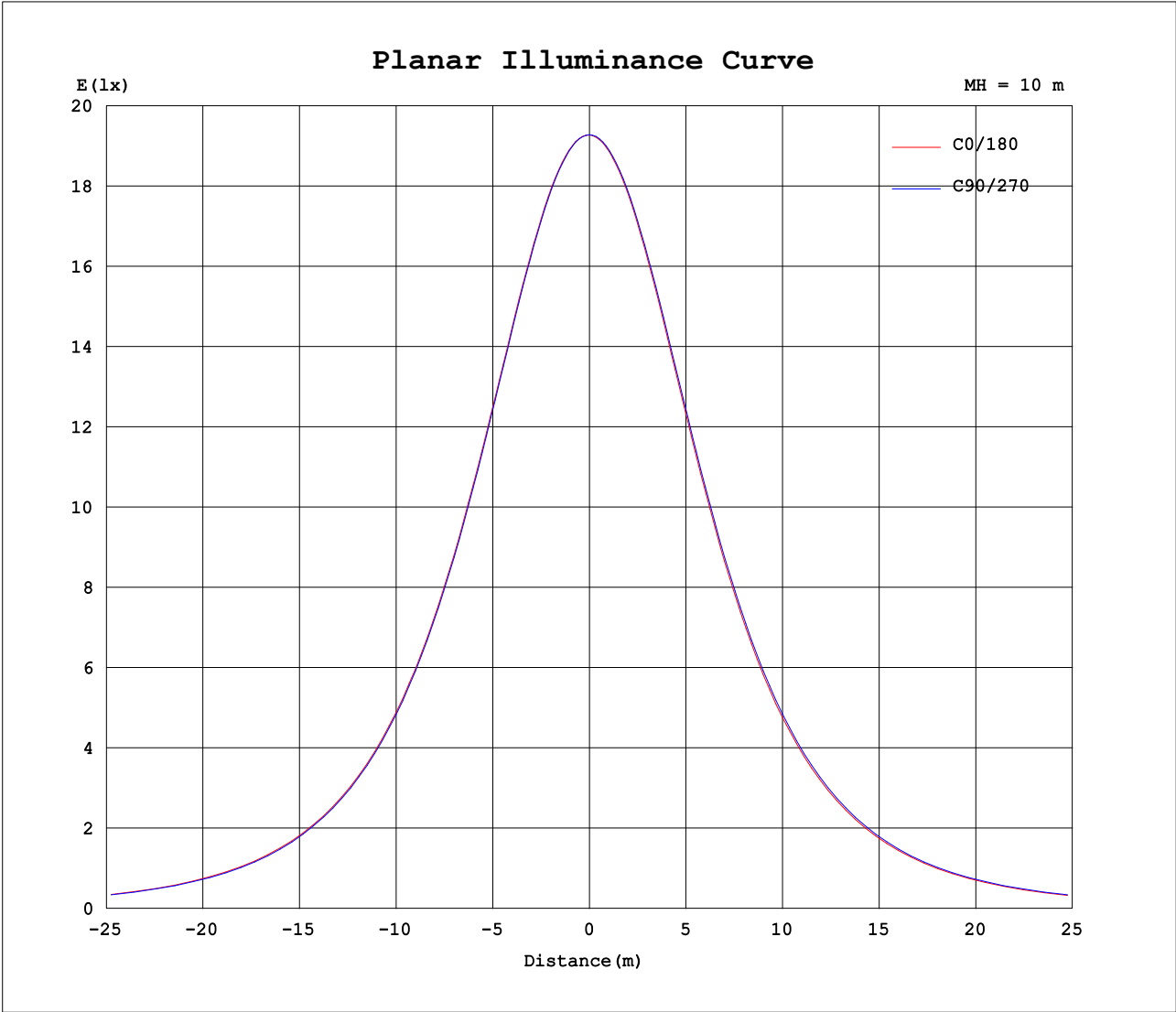
C Range: 0 - 360DEG
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γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
 Humidity:50.2%
 Test Distance:10.149m [K=1.0000]
 Remarks: standard: GB/T 9468-2008

Assessor: Chunbo Zhou

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Bo Zou
Test Date:2021-06-8

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
Humidity:50.2%
Test Distance:10.149m [K=1.0000]
Remarks: standard: GB/T 9468-2008

Checker: Bo Zou

Assessor: Chunbo Zhou

LUMINOUS DISTRIBUTION INTENSITY DATA

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	1927	1928	1928	1928	1928	1928	1928	1927	1927	1928	1928	1928	1927	1928	1928	1928	1928	1928	1928
5	1923	1924	1924	1924	1923	1923	1922	1920	1920	1920	1921	1922	1919	1920	1920	1921	1921	1922	1922
10	1906	1907	1906	1906	1905	1904	1902	1900	1899	1900	1900	1901	1897	1897	1898	1899	1901	1901	1902
15	1874	1875	1874	1874	1872	1871	1868	1866	1864	1865	1866	1866	1861	1861	1862	1863	1866	1867	1869
20	1828	1829	1828	1828	1825	1824	1820	1818	1814	1815	1817	1817	1810	1810	1812	1814	1817	1818	1821
25	1768	1768	1767	1767	1765	1763	1759	1756	1751	1752	1754	1754	1745	1745	1747	1750	1753	1756	1760
30	1693	1694	1693	1693	1690	1687	1682	1679	1674	1675	1677	1678	1667	1666	1669	1672	1676	1679	1684
35	1605	1606	1604	1604	1600	1598	1592	1588	1583	1584	1586	1586	1574	1573	1577	1580	1585	1588	1594
40	1501	1503	1501	1501	1497	1494	1488	1484	1477	1479	1481	1482	1468	1467	1471	1474	1480	1483	1489
45	1384	1386	1384	1384	1379	1376	1369	1365	1358	1360	1363	1363	1347	1346	1350	1354	1360	1364	1371
50	1253	1254	1252	1252	1247	1244	1237	1232	1225	1227	1230	1231	1213	1212	1216	1220	1227	1231	1238
55	1108	1110	1108	1108	1102	1099	1091	1087	1079	1081	1085	1085	1066	1065	1070	1073	1080	1084	1092
60	950	952	950	949	944	940	932	928	921	923	927	928	907	906	910	913	921	925	933
65	781	783	780	780	774	771	762	758	751	753	758	759	737	735	740	742	750	754	763
70	602	604	601	601	595	592	583	580	572	575	580	581	559	557	561	563	571	574	583
75	419	422	419	419	413	410	402	399	391	395	400	401	379	377	381	383	390	393	401
80	244	244	243	242	238	235	229	225	221	222	229	228	208	208	210	212	217	220	226
85	97.0	98.2	96.9	96.5	93.7	92.6	72.9	86.6	82.8	83.8	88.3	87.8	73.6	72.6	74.7	76.1	80.1	81.9	72.9
90	13.9	14.7	15.0	15.0	13.9	11.2	0.91	10.3	11.6	12.0	14.2	13.1	7.32	7.15	8.25	8.99	10.1	8.46	6.09
95	1.42	1.58	1.74	1.56	1.38	1.13	1.10	1.15	1.34	1.72	3.10	2.96	1.26	1.40	1.41	1.34	1.03	0.90	0.92
100	1.48	1.49	1.43	1.48	1.47	1.57	1.57	1.62	1.57	1.61	2.05	2.12	1.38	1.32	1.34	1.24	1.30	1.28	1.30
105	1.93	1.96	1.94	2.02	2.03	2.14	2.16	2.20	2.14	2.16	2.09	2.24	1.74	1.69	1.76	1.76	1.82	1.78	1.82
110	2.51	2.55	2.54	2.63	2.67	2.78	2.81	2.84	2.77	2.77	2.67	2.69	2.29	2.25	2.33	2.31	2.39	2.38	2.41
115	3.14	3.17	3.16	3.25	3.32	3.43	3.49	3.49	3.42	3.41	3.30	3.29	2.88	2.85	2.93	2.93	3.01	2.99	3.04
120	3.75	3.78	3.79	3.89	3.94	4.06	4.12	4.13	4.04	4.04	3.92	3.90	3.48	3.47	3.54	3.55	3.63	3.62	3.67
125	4.34	4.38	4.40	4.48	4.54	4.66	4.69	4.72	4.65	4.64	4.50	4.48	4.08	4.04	4.12	4.15	4.23	4.22	4.27
130	4.94	4.95	4.94	5.05	5.09	5.21	5.24	5.26	5.20	5.19	5.05	5.06	4.63	4.61	4.68	4.71	4.80	4.78	4.84
135	5.41	5.50	5.47	5.57	5.59	5.70	5.73	5.76	5.69	5.70	5.58	5.57	5.16	5.13	5.21	5.23	5.32	5.31	5.36
140	5.89	5.99	5.95	6.04	6.04	6.15	6.16	6.20	6.14	6.15	6.05	6.04	5.64	5.61	5.69	5.70	5.79	5.77	5.82
145	6.32	6.44	6.39	6.47	6.46	6.56	6.58	6.60	6.52	6.56	6.46	6.47	6.07	6.05	6.13	6.14	6.22	6.25	6.23
150	6.70	6.84	6.78	6.84	6.82	6.91	6.91	6.95	6.88	6.92	6.83	6.86	6.47	6.45	6.53	6.52	6.60	6.59	6.61
155	7.07	7.17	7.13	7.17	7.14	7.22	7.23	7.26	7.17	7.22	7.14	7.18	6.85	6.80	6.89	6.87	6.94	6.90	6.94
160	7.42	7.46	7.42	7.45	7.43	7.48	7.46	7.51	7.43	7.49	7.42	7.47	7.24	7.15	7.22	7.21	7.27	7.23	7.26
165	7.70	7.70	7.64	7.69	7.63	7.70	7.68	7.71	7.65	7.70	7.69	7.72	7.60	7.46	7.52	7.50	7.55	7.51	7.54
170	7.91	7.93	7.83	7.89	7.82	7.89	7.87	7.90	7.83	7.89	7.90	7.94	7.87	7.72	7.78	7.72	7.79	7.74	7.78
175	8.08	8.08	7.99	8.05	7.98	8.05	7.99	8.03	7.97	8.04	8.11	8.19	8.08	7.95	7.98	7.94	7.99	7.93	7.98
180	8.17	8.13	8.07	8.07	8.06	8.06	8.07	8.09	8.07	8.08	8.16	8.25	8.17	8.09	8.09	8.06	8.06	8.07	8.07

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Bo Zou
Test Date:2021-06-8

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
Humidity:50.2%
Test Distance:10.149m [K=1.0000]
Remarks: standard: GB/T 9468-2008

Checker: Bo Zou

Assessor: Chunbo Zhou

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	1927	1927	1928	1928	1928														
5	1922	1922	1923	1923	1923														
10	1903	1904	1905	1904	1904														
15	1870	1872	1872	1871	1870														
20	1823	1825	1825	1823	1823														
25	1761	1765	1764	1761	1761														
30	1686	1690	1689	1686	1684														
35	1597	1601	1599	1595	1594														
40	1493	1498	1495	1491	1489														
45	1374	1381	1377	1372	1370														
50	1242	1249	1245	1239	1234														
55	1097	1104	1100	1090	1085														
60	938	945	941	929	925														
65	767	775	768	758	752														
70	588	596	586	575	570														
75	405	413	401	392	387														
80	232	237	223	217	217														
85	89.6	94.1	82.1	79.9	77.5														
90	6.97	13.0	10.3	9.97	8.69														
95	0.88	0.95	1.13	1.18	1.13														
100	1.23	1.23	1.17	1.23	1.22														
105	1.75	1.72	1.65	1.68	1.63														
110	2.31	2.28	2.20	2.23	2.16														
115	2.94	2.89	2.82	2.81	2.75														
120	3.58	3.52	3.40	3.43	3.35														
125	4.20	4.13	4.01	4.02	3.94														
130	4.76	4.69	4.58	4.60	4.50														
135	5.24	5.22	5.13	5.13	5.05														
140	5.69	5.68	5.61	5.63	5.56														
145	6.14	6.11	6.05	6.08	6.03														
150	6.50	6.50	6.44	6.49	6.43														
155	6.87	6.84	6.78	6.85	6.81														
160	7.16	7.18	7.13	7.20	7.17														
165	7.44	7.47	7.43	7.52	7.52														
170	7.70	7.74	7.70	7.77	7.87														
175	7.90	7.95	7.96	8.01	8.04														
180	8.07	8.07	8.09	8.14	8.25														

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Bo Zou
 Test Date:2021-06-8

Checker: Bo Zou

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
 Humidity:50.2%
 Test Distance:10.149m [K=1.0000]
 Remarks: standard: GB/T 9468-2008

Assessor: Chunbo Zhou