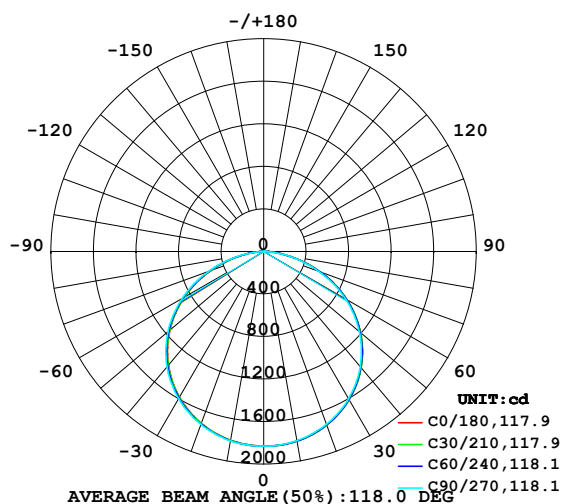


LUMINAIRE PHOTOMETRIC TEST REPORT

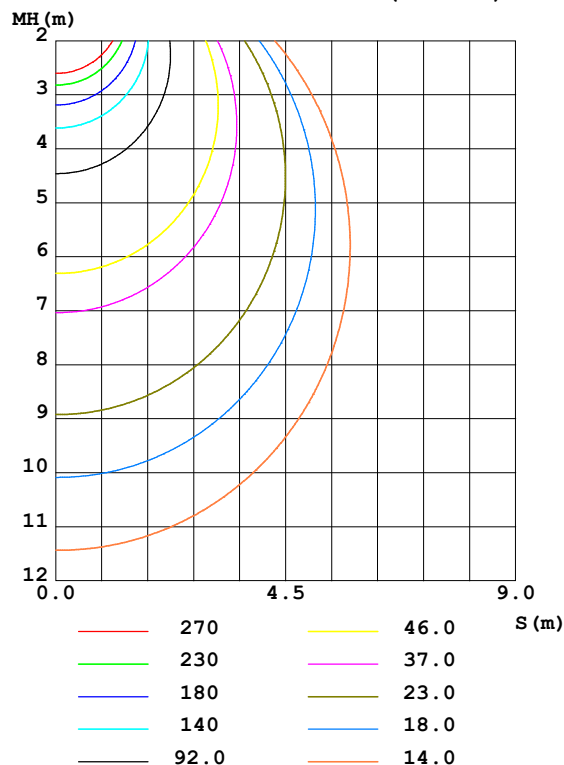
Test:U:24.0V I:1.611A P:38.66W PF:1.000 Freq:0Hz Lamp Flux:5556.21x1 lm		
NAME: EKF52406000	SUR.: 1m*0.14m	SERIAL No.:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 143.70 lm/W			
MODEL	EKF52406000	I _{max} (cd)	1832	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)	5556.2	η UP, DN (C0-180)	0.2, 50.1
NOMINAL FLUX (lm)	5556.21	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	1810	1811	1807	1805	1802	1804	1807	1809	0- 10	173.7	173.7	3.13,3.13
20	1737	1736	1729	1725	1719	1723	1730	1734	10- 20	501.3	674.9	12.1,12.1
30	1609	1608	1598	1592	1583	1588	1600	1605	20- 30	770.1	1445	26,26
40	1426	1426	1413	1405	1394	1400	1415	1421	30- 40	945.9	2391	43,43
50	1190	1189	1175	1166	1152	1159	1176	1183	40- 50	1002	3393	61.1,61.1
60	902.8	902.0	885.7	876.6	861.9	867.5	886.7	893.7	50- 60	924.1	4317	77.7,77.7
70	571.9	570.8	554.3	546.0	530.9	535.2	554.1	556.8	60- 70	713.4	5031	90.5,90.5
80	231.5	229.6	217.8	210.6	197.9	201.5	215.1	212.3	70- 80	401.4	5432	97.8,97.8
90	13.20	14.25	0.8620	11.45	6.954	8.537	5.782	9.832	80- 90	99.30	5531	99.6,99.6
100	1.403	1.411	1.490	1.529	1.312	1.182	1.237	1.110	90-100	2.688	5534	99.6,99.6
110	2.389	2.500	2.672	2.635	2.179	2.194	2.288	2.092	100-110	1.934	5536	99.6,99.6
120	3.567	3.692	3.912	3.839	3.308	3.375	3.483	3.235	110-120	2.928	5539	99.7,99.7
130	4.693	4.798	4.980	4.933	4.398	4.476	4.598	4.352	120-130	3.676	5543	99.8,99.8
140	5.594	5.736	5.853	5.839	5.356	5.414	5.524	5.327	130-140	3.962	5547	99.8,99.8
150	6.368	6.495	6.569	6.570	6.142	6.195	6.283	6.119	140-150	3.748	5550	99.9,99.9
160	7.051	7.074	7.084	7.112	6.879	6.845	6.895	6.775	150-160	3.076	5553	100,100
170	7.518	7.491	7.479	7.497	7.475	7.334	7.394	7.312	160-170	2.036	5555	100,100
180	7.762	7.664	7.664	7.675	7.762	7.659	7.670	7.681	170-180	0.7207	5556	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

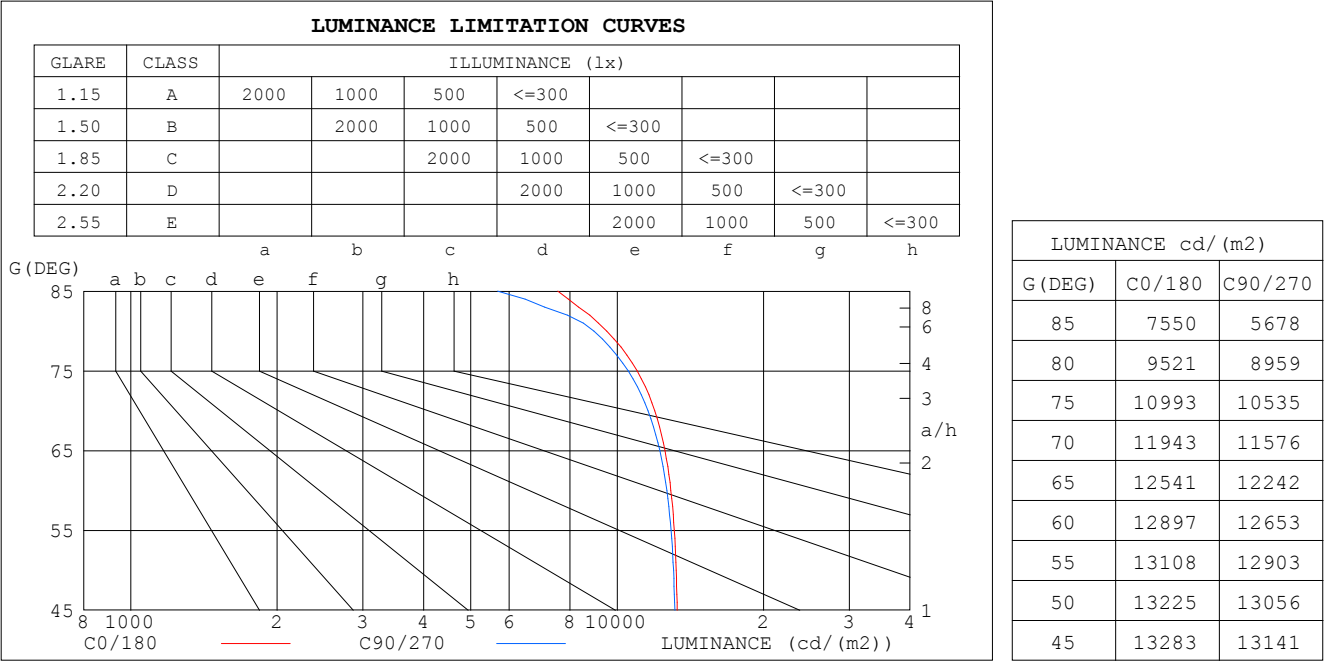
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Bo Zou
 Test Date:2021-06-8

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

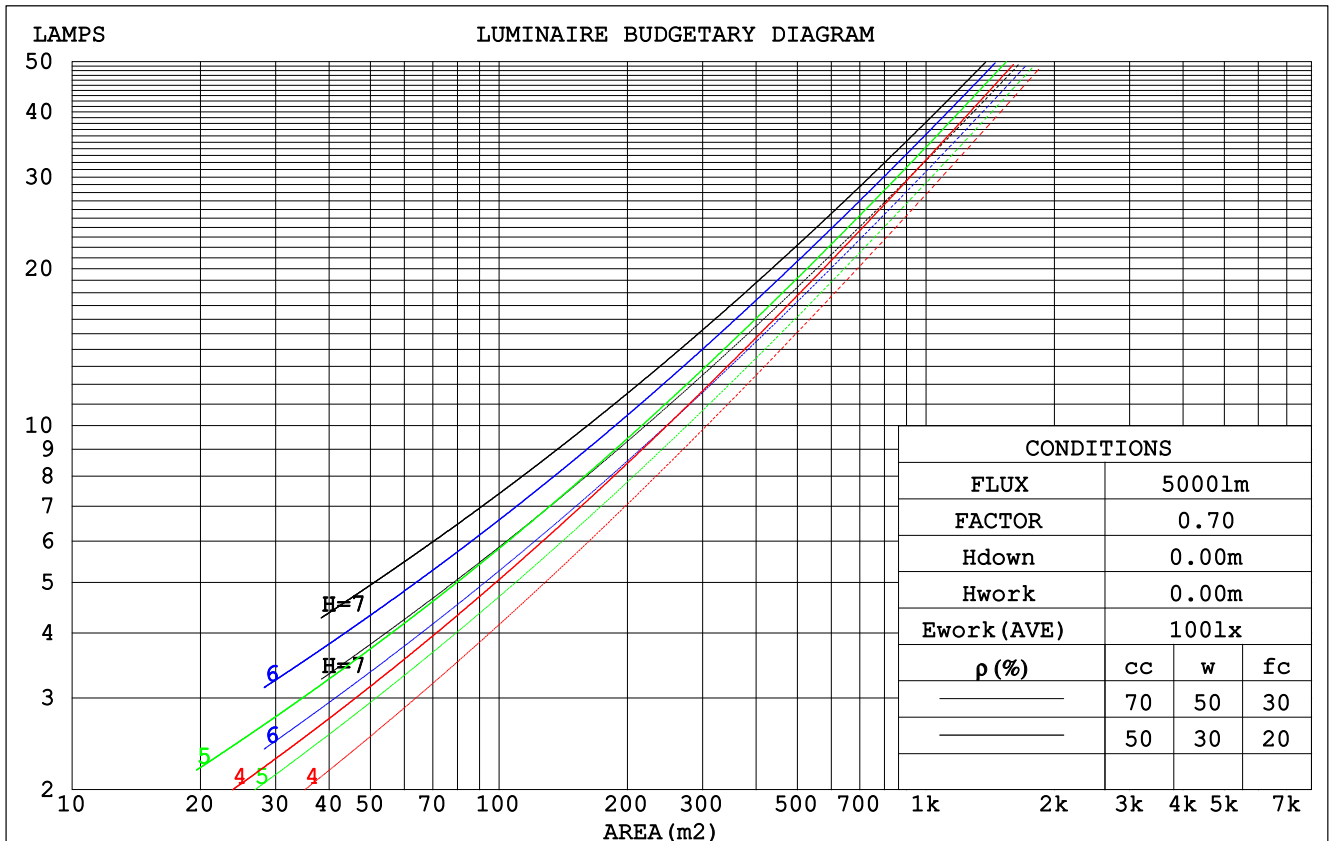
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
Humidity:50.2%
Test Distance:10.149m [K=1.0000]
Remarks: standard: GB/T 9468-2008

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, 5556 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 6.0)

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

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		

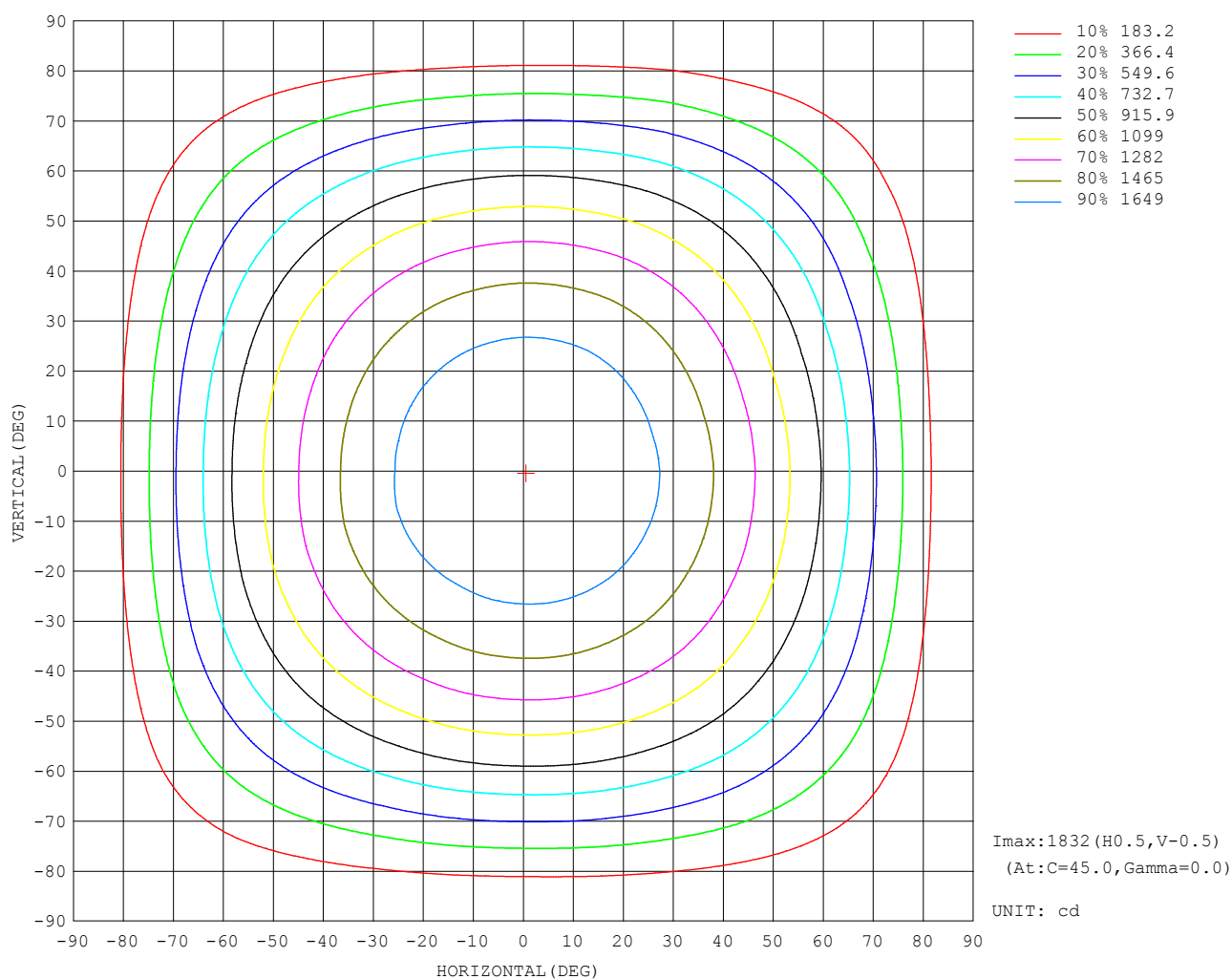
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 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Bo Zou
 Test Date: 2021-06-8

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

ISOCANDELA DIAGRAM



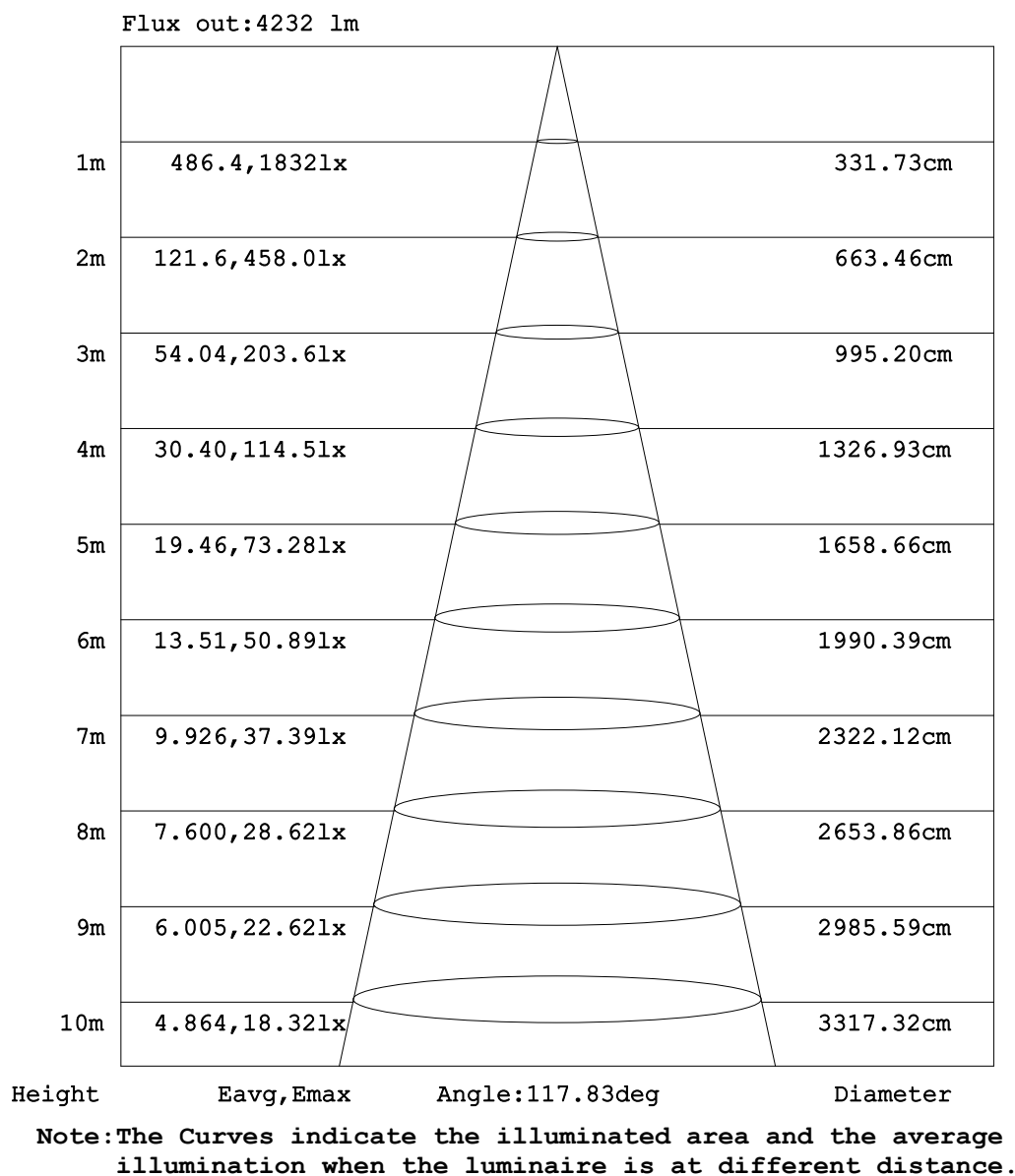
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γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
Humidity:50.2%
Test Distance:10.149m [K=1.0000]
Remarks: standard: GB/T 9468-2008

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:1.611A P:38.66W PF:1.000 Freq:0Hz Lamp Flux:5556.21x1 lm		
NAME: EKF52406000	SUR.:1m*0.14m	SERIAL No.:
MFR.: LEDIA		

AvgL	cd/m2
L_0~180 (65) av	12189
L_0~180 (75) av	10470
L_0~180 (85) av	6639
L_90~270 (65) av	12245
L_90~270 (75) av	10526
L_90~270 (85) av	5677
L_45 (65) av	12216
L_45 (75) av	10463
L_45 (85) av	6589

Standard: GB/T 29293-2012

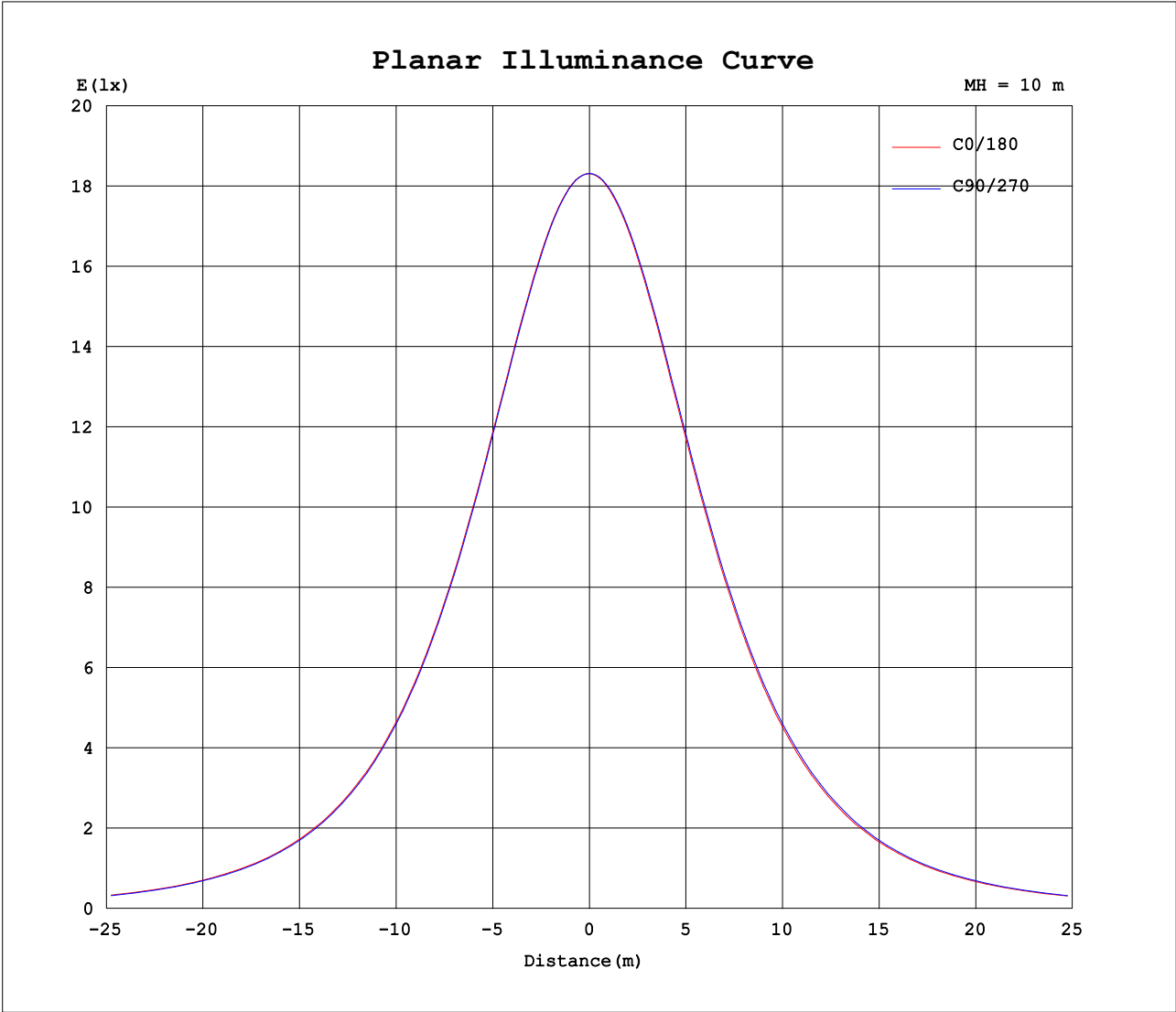
C Range: 0 - 360DEG
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Checker: Bo Zou

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

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	1831	1831	1831	1832	1832	1832	1831	1831	1831	1831	1831	1832	1831	1831	1831	1832	1832	1832	1831
5	1827	1828	1828	1828	1827	1827	1825	1824	1824	1824	1825	1825	1823	1824	1824	1825	1825	1826	1826
10	1810	1811	1811	1811	1809	1809	1807	1805	1804	1805	1805	1806	1802	1802	1803	1804	1806	1806	1807
15	1781	1781	1780	1780	1779	1777	1774	1773	1770	1771	1773	1773	1768	1768	1769	1770	1773	1774	1776
20	1737	1738	1736	1736	1734	1733	1729	1727	1723	1725	1726	1726	1719	1719	1721	1723	1726	1727	1730
25	1679	1680	1679	1679	1676	1675	1671	1668	1664	1665	1666	1666	1658	1658	1660	1662	1666	1668	1672
30	1609	1610	1608	1608	1605	1603	1598	1595	1590	1592	1593	1594	1583	1583	1586	1588	1593	1595	1600
35	1524	1525	1524	1524	1520	1518	1513	1509	1504	1505	1507	1507	1495	1495	1498	1501	1506	1509	1514
40	1426	1428	1426	1426	1422	1419	1413	1410	1404	1405	1407	1408	1394	1394	1397	1400	1406	1409	1415
45	1315	1317	1315	1314	1310	1307	1301	1297	1290	1292	1295	1295	1280	1279	1283	1286	1292	1296	1302
50	1190	1192	1190	1189	1185	1182	1175	1171	1164	1166	1169	1169	1152	1152	1156	1159	1166	1169	1176
55	1053	1055	1052	1052	1047	1044	1036	1032	1025	1027	1031	1031	1013	1012	1016	1019	1026	1030	1038
60	903	905	902	902	896	893	886	882	875	877	881	881	862	860	865	868	875	879	887
65	742	744	741	741	735	732	724	720	713	715	720	721	700	698	703	705	713	716	725
70	572	574	571	571	565	562	554	551	543	546	551	552	531	529	533	535	542	546	554
75	398	401	398	398	392	389	382	379	372	375	380	381	360	358	362	364	370	373	381
80	231	232	231	230	226	223	218	214	210	211	217	217	198	197	199	202	206	209	215
85	92.1	93.3	92.0	91.7	89.0	88.0	69.3	82.3	78.7	79.6	83.9	83.4	69.9	68.9	71.0	72.3	76.1	77.9	69.3
90	13.2	14.0	14.2	14.3	13.2	10.7	0.86	9.77	11.0	11.4	13.5	12.5	6.95	6.80	7.84	8.54	9.58	8.04	5.78
95	1.35	1.50	1.65	1.48	1.31	1.07	1.05	1.09	1.28	1.63	2.95	2.81	1.20	1.33	1.34	1.27	0.98	0.86	0.88
100	1.40	1.42	1.36	1.41	1.40	1.49	1.49	1.54	1.50	1.53	1.95	2.02	1.31	1.25	1.27	1.18	1.24	1.22	1.24
105	1.84	1.86	1.84	1.92	1.93	2.03	2.05	2.09	2.04	2.05	1.99	2.13	1.65	1.61	1.68	1.67	1.73	1.69	1.73
110	2.39	2.42	2.41	2.50	2.53	2.64	2.67	2.70	2.63	2.63	2.54	2.55	2.18	2.14	2.21	2.19	2.27	2.27	2.29
115	2.98	3.02	3.00	3.09	3.15	3.26	3.31	3.32	3.25	3.24	3.14	3.13	2.74	2.71	2.79	2.78	2.86	2.84	2.89
120	3.57	3.59	3.60	3.69	3.74	3.86	3.91	3.92	3.84	3.84	3.72	3.71	3.31	3.29	3.36	3.38	3.45	3.44	3.48
125	4.12	4.16	4.18	4.26	4.31	4.42	4.46	4.48	4.42	4.41	4.27	4.26	3.87	3.84	3.91	3.94	4.02	4.01	4.06
130	4.69	4.71	4.69	4.80	4.83	4.95	4.98	5.00	4.94	4.93	4.80	4.80	4.40	4.38	4.45	4.48	4.56	4.54	4.60
135	5.14	5.22	5.20	5.29	5.31	5.41	5.44	5.47	5.40	5.41	5.30	5.29	4.90	4.88	4.95	4.96	5.05	5.05	5.09
140	5.59	5.69	5.65	5.74	5.73	5.84	5.85	5.89	5.84	5.84	5.75	5.74	5.36	5.33	5.41	5.41	5.50	5.48	5.52
145	6.01	6.12	6.07	6.14	6.14	6.23	6.25	6.27	6.19	6.23	6.14	6.15	5.77	5.75	5.83	5.83	5.91	5.94	5.92
150	6.37	6.49	6.44	6.49	6.48	6.56	6.57	6.60	6.54	6.57	6.49	6.52	6.14	6.12	6.21	6.20	6.27	6.26	6.28
155	6.72	6.81	6.77	6.81	6.79	6.86	6.87	6.90	6.81	6.86	6.79	6.83	6.51	6.46	6.54	6.53	6.60	6.56	6.60
160	7.05	7.09	7.05	7.07	7.06	7.11	7.08	7.13	7.06	7.11	7.05	7.10	6.88	6.80	6.86	6.84	6.91	6.87	6.89
165	7.32	7.32	7.26	7.30	7.25	7.31	7.30	7.33	7.26	7.31	7.30	7.33	7.22	7.09	7.14	7.12	7.17	7.13	7.17
170	7.52	7.53	7.44	7.49	7.43	7.49	7.48	7.50	7.44	7.50	7.51	7.54	7.47	7.33	7.39	7.33	7.40	7.35	7.39
175	7.68	7.68	7.59	7.64	7.58	7.64	7.59	7.63	7.57	7.64	7.70	7.78	7.68	7.56	7.58	7.55	7.59	7.53	7.58
180	7.76	7.72	7.66	7.66	7.66	7.66	7.66	7.68	7.66	7.68	7.76	7.84	7.76	7.68	7.69	7.66	7.66	7.66	7.67

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	1831	1831	1831	1831	1832														
5	1826	1826	1827	1826	1827														
10	1808	1809	1809	1809	1809														
15	1777	1779	1778	1777	1777														
20	1732	1734	1734	1732	1732														
25	1673	1677	1676	1673	1673														
30	1602	1606	1605	1602	1600														
35	1517	1521	1519	1515	1514														
40	1418	1423	1421	1416	1415														
45	1306	1312	1308	1303	1302														
50	1180	1187	1183	1177	1172														
55	1042	1048	1045	1036	1031														
60	891	898	894	883	879														
65	729	736	729	720	715														
70	558	566	557	547	541														
75	385	393	381	372	368														
80	220	225	212	206	206														
85	85.1	89.4	78.0	75.9	73.7														
90	6.63	12.4	9.83	9.47	8.26														
95	0.84	0.91	1.07	1.12	1.07														
100	1.16	1.17	1.11	1.17	1.16														
105	1.66	1.63	1.57	1.59	1.55														
110	2.19	2.17	2.09	2.11	2.05														
115	2.79	2.75	2.68	2.67	2.62														
120	3.40	3.34	3.23	3.26	3.19														
125	3.99	3.92	3.81	3.82	3.74														
130	4.53	4.46	4.35	4.37	4.28														
135	4.98	4.95	4.87	4.87	4.80														
140	5.41	5.40	5.33	5.35	5.28														
145	5.83	5.81	5.75	5.77	5.73														
150	6.18	6.18	6.12	6.16	6.11														
155	6.53	6.50	6.44	6.51	6.47														
160	6.80	6.82	6.78	6.84	6.81														
165	7.07	7.10	7.06	7.14	7.15														
170	7.32	7.36	7.31	7.38	7.47														
175	7.50	7.55	7.56	7.61	7.64														
180	7.66	7.67	7.68	7.73	7.84														

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