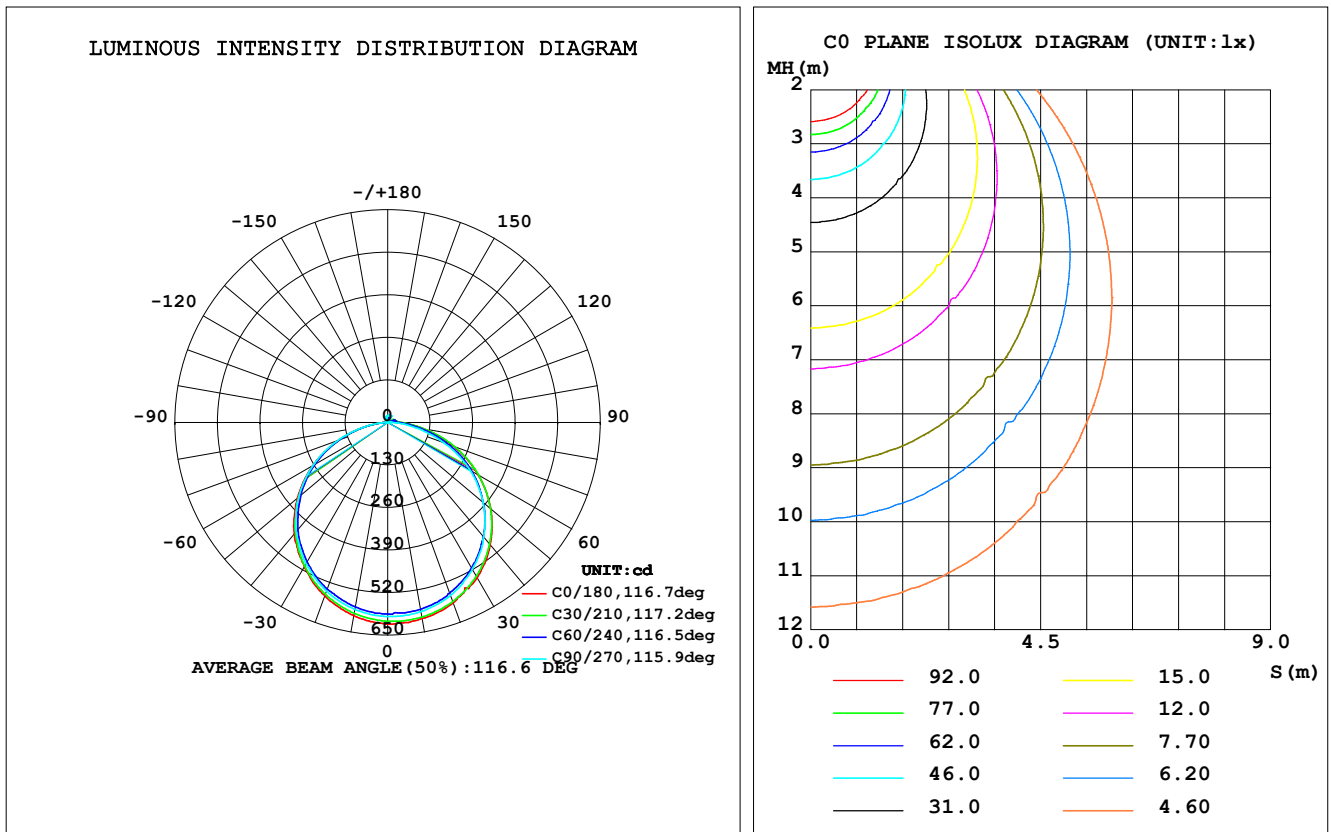


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:24.00V I:0.6684A P:16.54W PF:1.000 Lamp Flux:1803.73x1 lm		
NAME: EKF5216HL9065	SUR.:0.1*1	SERIAL No.:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 109.05 lm/W			
MODEL	EKF5216HL9065	Imax(cd)	625.0	S/MH(C0/180)	1.24
NOMINAL POWER(W)	16	LOR(%)	100.0	S/MH(C90/270)	1.25
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	1803.7	η UP,DN(C0-180)	1.4,50.9
NOMINAL FLUX(lm)	1803.73	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.2,46.5
LAMPS INSIDE	1	η up(%)	2.6	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	24	η down(%)	97.4	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature:24.7DEG
Operators:Hu Cong
Test Date:2021-04-16

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Humidity:54.2%
Test Distance:10.149m [K=1.0000]
Remarks: standard: GB/T 9468-2008

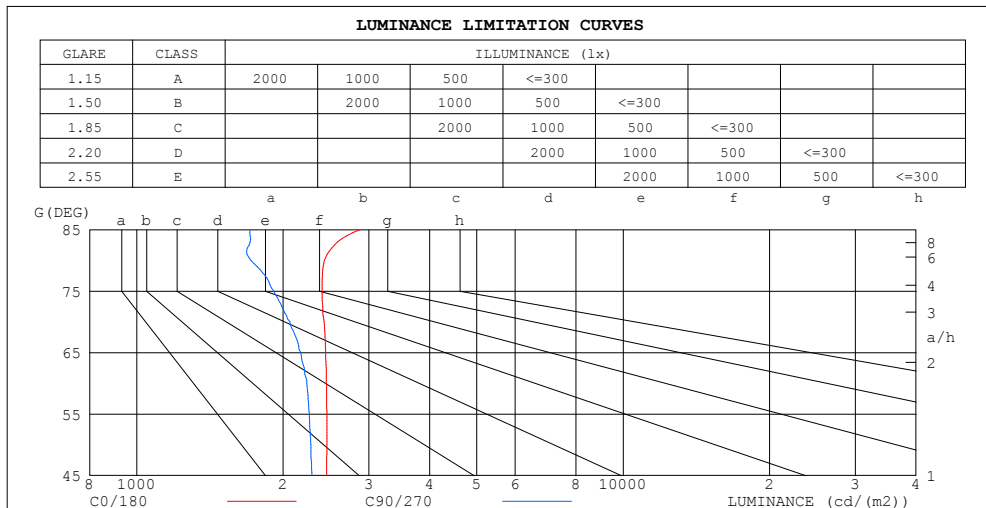
Checker: Hucong

Assessor: Chunbo Zhou

ZONAL FLUX DIAGRAM AND LUMINANCE LIMITATION CURVES

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
5	613.6	603.5	592.3	572.4	610.4	598.5	588.8	570.2	0- 5	14.10	14.10	0.78,0.78
10	607.9	598.6	586.9	566.1	599.5	588.5	579.8	563.0	5- 10	41.86	55.96	3.1,3.1
15	600.0	586.9	576.8	554.7	583.7	574.2	566.5	550.1	10- 15	68.28	124.2	6.89,6.89
20	586.2	570.9	562.4	539.0	563.4	555.7	548.3	532.5	15- 20	92.46	216.7	12,12
25	557.8	554.4	543.1	519.8	539.3	532.1	524.8	510.1	20- 25	113.7	330.4	18.3,18.3
30	547.7	533.4	517.2	495.5	509.3	504.5	499.1	487.1	25- 30	131.4	461.8	25.6,25.6
35	520.2	507.1	490.1	466.8	478.1	472.6	468.3	456.1	30- 35	144.8	606.7	33.6,33.6
40	488.0	476.3	456.5	432.5	444.4	437.2	435.0	422.8	35- 40	153.6	760.3	42.2,42.2
45	452.4	441.9	421.1	394.6	403.3	397.9	396.3	386.2	40- 45	157.4	917.6	50.9,50.9
50	411.3	400.6	381.1	355.7	360.3	355.5	355.0	346.5	45- 50	155.9	1074	59.5,59.5
55	366.7	358.5	337.5	312.2	314.0	309.8	310.3	302.0	50- 55	149.5	1223	67.8,67.8
60	319.0	313.1	290.8	265.1	264.8	261.5	263.9	257.0	55- 60	137.9	1361	75.5,75.5
65	268.7	264.3	238.7	216.9	213.6	210.2	214.2	207.6	60- 65	121.8	1483	82.2,82.2
70	215.9	213.1	183.6	166.8	161.2	157.7	163.1	158.9	65- 70	101.1	1584	87.8,87.8
75	161.9	160.6	128.8	117.1	109.4	106.3	111.7	114.9	70- 75	77.05	1661	92.1,92.1
80	109.8	109.3	77.43	69.70	61.66	58.83	62.64	68.12	75- 80	52.63	1714	95,95
85	65.37	65.47	38.75	32.43	25.50	22.28	22.63	25.98	80- 85	29.88	1743	96.7,96.7
90	36.05	38.32	7.130	13.97	6.842	4.775	1.225	9.506	85- 90	13.43	1757	97.4,97.4
95	21.61	27.56	9.789	10.75	0.4251	0.5105	0.4182	1.286	90- 95	6.003	1763	97.7,97.7
100	14.77	24.87	1.418	12.05	0.5073	0.5921	0.6241	1.744	95-100	4.396	1767	98,98
105	10.12	22.74	0.6033	8.116	0.6723	0.8361	0.8373	3.472	100-105	3.842	1771	98.2,98.2
110	6.511	20.81	0.7057	1.463	0.8580	1.042	1.091	5.790	105-110	3.614	1775	98.4,98.4
115	4.329	3.179	0.9043	1.146	1.070	1.261	1.386	8.466	110-115	2.683	1777	98.5,98.5
120	2.354	1.139	1.124	1.193	1.276	1.554	2.273	11.40	115-120	2.363	1780	98.7,98.7
125	1.501	1.344	1.329	1.365	1.495	1.816	3.279	14.18	120-125	2.122	1782	98.8,98.8
130	1.706	1.563	1.521	1.570	1.666	2.153	3.940	17.01	125-130	2.236	1784	98.9,98.9
135	1.882	1.776	1.689	1.770	1.831	2.365	6.854	19.51	130-135	2.395	1786	99,99
140	1.995	1.955	1.916	1.947	1.968	2.502	10.36	21.52	135-140	2.487	1789	99.2,99.2
145	2.146	2.098	2.002	5.063	2.099	2.632	12.54	22.06	140-145	2.423	1791	99.3,99.3
150	2.228	2.222	21.86	7.326	2.235	2.747	14.34	23.32	145-150	2.525	1794	99.5,99.5
155	2.375	2.339	22.15	9.609	2.352	2.778	16.00	24.54	150-155	2.764	1797	99.6,99.6
160	2.454	12.30	22.31	13.73	2.489	2.981	17.46	25.55	155-160	2.406	1799	99.7,99.7
165	2.584	11.65	22.28	15.76	2.612	3.283	18.73	25.92	160-165	1.946	1801	99.9,99.9
170	2.676	11.00	22.07	18.28	2.708	4.387	19.90	24.50	165-170	1.481	1803	99.9,99.9
175	2.797	10.17	21.71	21.69	2.777	5.176	20.83	23.68	170-175	0.9056	1803	100,100
180	2.804	8.330	21.21	22.84	2.804	5.965	21.56	23.11	175-180	0.3107	1804	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/ (m2)		
G (DEG)	C0/180	C90/270
85	2885	1710
80	2432	1715
75	2406	1914
70	2428	2064
65	2445	2172
60	2454	2237
55	2459	2263
50	2461	2280
45	2461	2291

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature:24.7DEG
Operators:Hu Cong
Test Date:2021-04-16

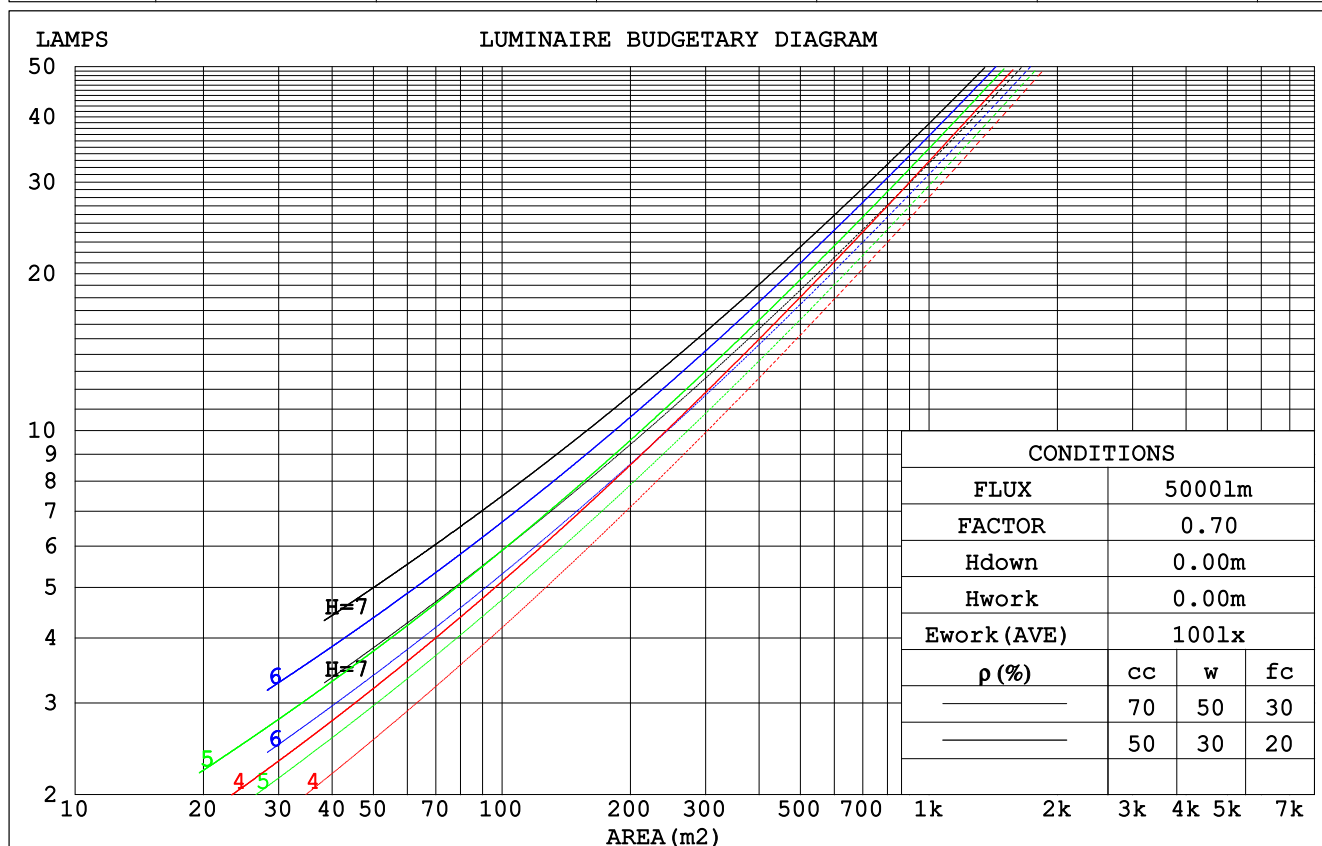
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Humidity:54.2%
Test Distance:10.149m [K=1.0000]
Remarks: standard: GB/T 9468-2008

Checker: Hucong

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	1.18	1.18	1.18	1.15	1.15	1.15	1.10	1.10	1.10	1.04	1.04	1.04	.00	.00	.00	.97
1.0	1.03	.98	.94	1.00	.96	.93	.96	.92	.89	.91	.89	.86	.87	.85	.83	.81
2.0	.89	.82	.76	.87	.81	.75	.83	.78	.73	.80	.75	.71	.76	.72	.69	.67
3.0	.78	.70	.63	.76	.69	.63	.73	.66	.61	.70	.64	.60	.67	.62	.58	.56
4.0	.69	.60	.53	.68	.59	.53	.65	.58	.52	.62	.56	.51	.60	.54	.50	.48
5.0	.62	.53	.46	.60	.52	.45	.58	.50	.45	.56	.49	.44	.54	.48	.43	.41
6.0	.55	.46	.40	.54	.46	.40	.52	.45	.39	.50	.44	.38	.48	.43	.38	.36
7.0	.50	.41	.35	.49	.41	.35	.47	.40	.34	.46	.39	.34	.44	.38	.34	.32
8.0	.46	.37	.31	.45	.37	.31	.43	.36	.31	.42	.35	.30	.41	.35	.30	.28
9.0	.42	.34	.28	.41	.33	.28	.40	.33	.28	.39	.32	.27	.37	.31	.27	.25
10.0	.39	.31	.25	.38	.30	.25	.37	.30	.25	.36	.29	.25	.35	.29	.25	.23



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature: 24.7DEG
 Operators: Hu Cong
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γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Humidity: 54.2%
 Test Distance: 10.149m [K=1.0000]
 Remarks: standard: GB/T 9468-2008

Checker: Hucong

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 Coeffcients (WEC)									
0.0																
1.0	.318	.181	.057	.310	.177	.056	.295	.169	.054	.281	.162	.052	.269	.156	.050	
2.0	.296	.162	.050	.289	.159	.049	.276	.154	.048	.264	.148	.046	.253	.143	.045	
3.0	.273	.145	.044	.267	.143	.043	.255	.138	.042	.245	.134	.041	.235	.130	.040	
4.0	.251	.131	.038	.246	.129	.038	.236	.125	.037	.226	.121	.037	.217	.118	.036	
5.0	.232	.118	.034	.227	.117	.034	.218	.113	.033	.209	.110	.033	.201	.107	.032	
6.0	.215	.108	.031	.211	.106	.031	.202	.104	.030	.194	.101	.030	.187	.099	.029	
7.0	.200	.099	.028	.196	.098	.028	.188	.095	.027	.181	.093	.027	.175	.091	.027	
8.0	.186	.091	.026	.183	.090	.025	.176	.088	.025	.170	.086	.025	.164	.084	.025	
9.0	.175	.084	.024	.171	.084	.023	.165	.082	.023	.160	.080	.023	.154	.078	.023	
10.0	.164	.079	.022	.161	.078	.022	.156	.076	.021	.150	.075	.021	.146	.073	.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	.210	.210	.210	.180	.180	.180	.123	.123	.123	.070	.070	.070	.023	.023	.023	
1.0	.201	.176	.154	.172	.151	.132	.118	.104	.091	.068	.060	.053	.022	.019	.017	
2.0	.193	.152	.118	.165	.131	.102	.113	.091	.071	.065	.053	.042	.021	.017	.014	
3.0	.185	.135	.094	.159	.116	.082	.109	.081	.057	.063	.047	.034	.020	.015	.011	
4.0	.178	.121	.078	.153	.105	.068	.105	.073	.048	.061	.043	.028	.020	.014	.009	
5.0	.170	.111	.067	.146	.096	.059	.101	.067	.041	.058	.039	.025	.019	.013	.008	
6.0	.163	.103	.059	.140	.089	.052	.097	.062	.037	.056	.037	.022	.018	.012	.007	
7.0	.156	.096	.054	.134	.083	.047	.093	.058	.033	.054	.034	.020	.017	.011	.007	
8.0	.150	.090	.049	.129	.078	.043	.089	.055	.030	.052	.032	.018	.017	.011	.006	
9.0	.144	.085	.046	.124	.074	.040	.086	.052	.028	.050	.031	.017	.016	.010	.006	
10.0	.138	.081	.043	.119	.070	.037	.083	.049	.027	.048	.029	.016	.016	.010	.005	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature:24.7DEG
 Operators:Hu Cong
 Test Date:2021-04-16

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Humidity:54.2%
 Test Distance:10.149m [K=1.0000]
 Remarks: standard: GB/T 9468-2008

Checker: Hucong

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	16.4	17.9	16.7	18.1	18.4	15.8	17.3	16.1	17.6	17.8
3H	18.1	19.5	18.5	19.8	20.1	17.5	18.8	17.8	19.1	19.4
4H	18.9	20.2	19.3	20.5	20.8	18.1	19.4	18.5	19.7	20.1
6H	19.5	20.8	19.9	21.1	21.4	18.6	19.9	19.0	20.2	20.5
8H	19.8	21.0	20.2	21.3	21.7	18.8	20.0	19.2	20.3	20.7
12H	20.0	21.2	20.4	21.5	21.9	18.9	20.0	19.3	20.4	20.8
4H 2H	17.0	18.3	17.4	18.6	18.9	16.6	17.9	16.9	18.2	18.5
3H	19.0	20.1	19.4	20.5	20.9	18.4	19.6	18.8	19.9	20.3
4H	19.9	21.0	20.3	21.3	21.7	19.2	20.3	19.6	20.6	21.0
6H	20.7	21.6	21.1	22.0	22.5	19.9	20.8	20.3	21.2	21.6
8H	21.0	21.9	21.5	22.3	22.8	20.1	21.0	20.6	21.4	21.8
12H	21.4	22.2	21.8	22.6	23.1	20.3	21.1	20.8	21.5	22.0
8H 4H	20.2	21.1	20.7	21.5	22.0	19.6	20.5	20.1	20.9	21.4
6H	21.2	22.0	21.7	22.4	22.9	20.5	21.2	21.0	21.7	22.2
8H	21.7	22.4	22.2	22.8	23.3	20.9	21.5	21.4	22.0	22.5
12H	22.2	22.7	22.7	23.2	23.7	21.2	21.7	21.7	22.2	22.7
12H 4H	20.3	21.1	20.7	21.5	22.0	19.7	20.5	20.2	20.9	21.4
6H	21.3	22.0	21.8	22.4	23.0	20.6	21.3	21.1	21.7	22.3
8H	21.9	22.4	22.4	22.9	23.5	21.1	21.6	21.6	22.1	22.6
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	+ 0.1 / - 0.3					+ 0.1 / - 0.4				

CIE Pub.117 Corrected 1804 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.0)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature:24.7DEG
Operators:Hu Cong
Test Date:2021-04-16

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Humidity:54.2%
Test Distance:10.149m [K=1.0000]
Remarks: standard: GB/T 9468-2008

Checker: Hucong

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) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	37	55	44	37	54	43	37	30
0.80	66	54	47	65	54	46	63	53	46	39
1.00	74	63	56	73	62	55	71	64	55	47
1.25	81	71	63	80	70	63	77	68	62	54
1.50	87	76	69	85	75	69	81	73	67	59
2.00	93	85	78	91	83	77	88	81	75	67
2.50	98	89	83	95	88	82	91	85	80	71
3.00	101	94	88	99	92	87	94	89	84	75
4.00	105	99	94	102	97	93	98	93	90	80
5.00	108	102	98	105	100	96	100	96	93	83
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

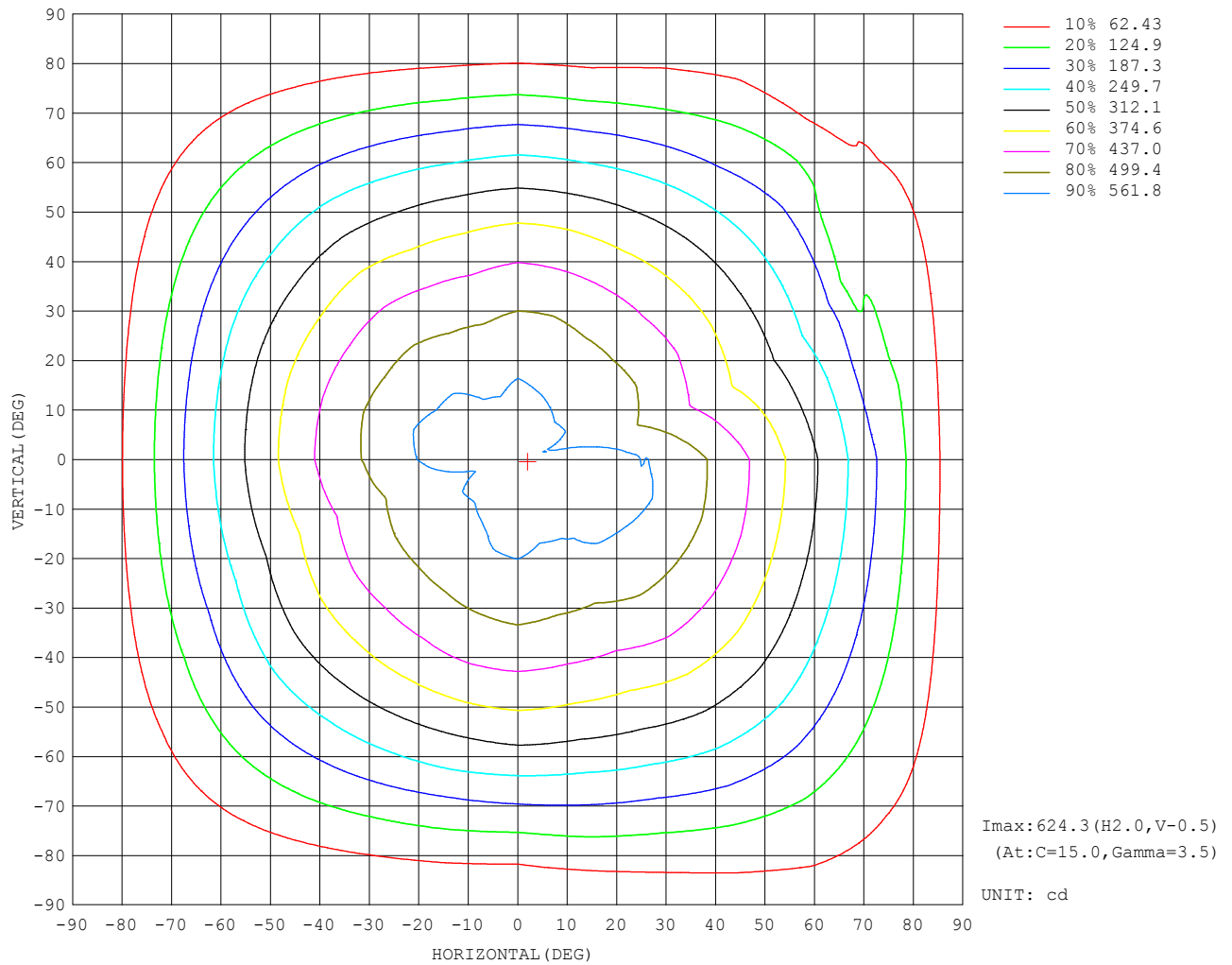
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature: 24.7DEG
 Operators: Hu Cong
 Test Date: 2021-04-16

Checker: Hucong

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.291
 Humidity: 54.2%
 Test Distance: 10.149m [K=1.0000]
 Remarks: standard: GB/T 9468-2008

Assessor: Chunbo Zhou

ISOCANDELA DIAGRAM



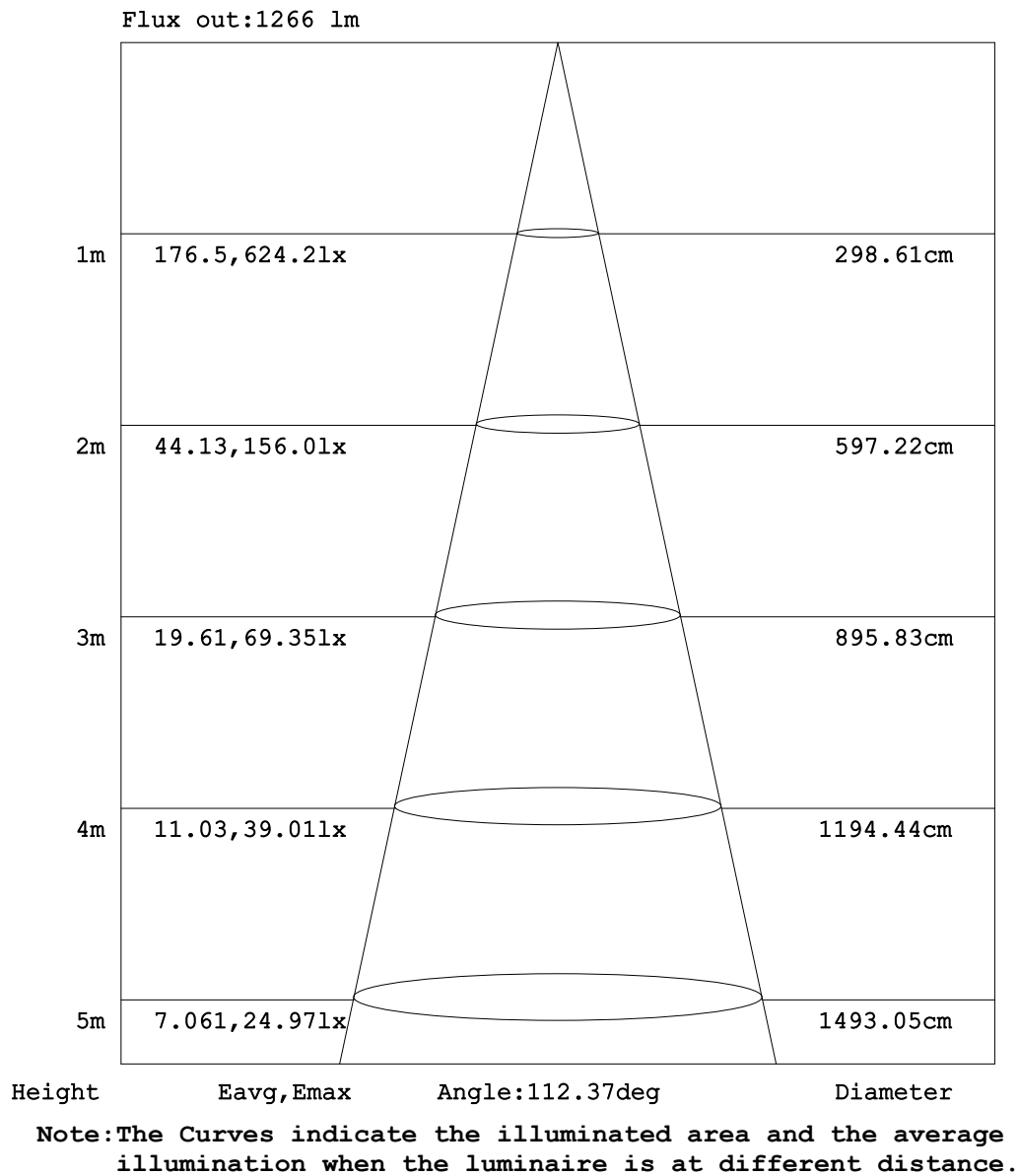
C Range: 0 - 360DEG
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γ Range: 0 - 180DEG
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Humidity:54.2%
Test Distance:10.149m [K=1.0000]
Remarks: standard: GB/T 9468-2008

Checker: Hucong

Assessor: Chunbo Zhou

AAI Figure



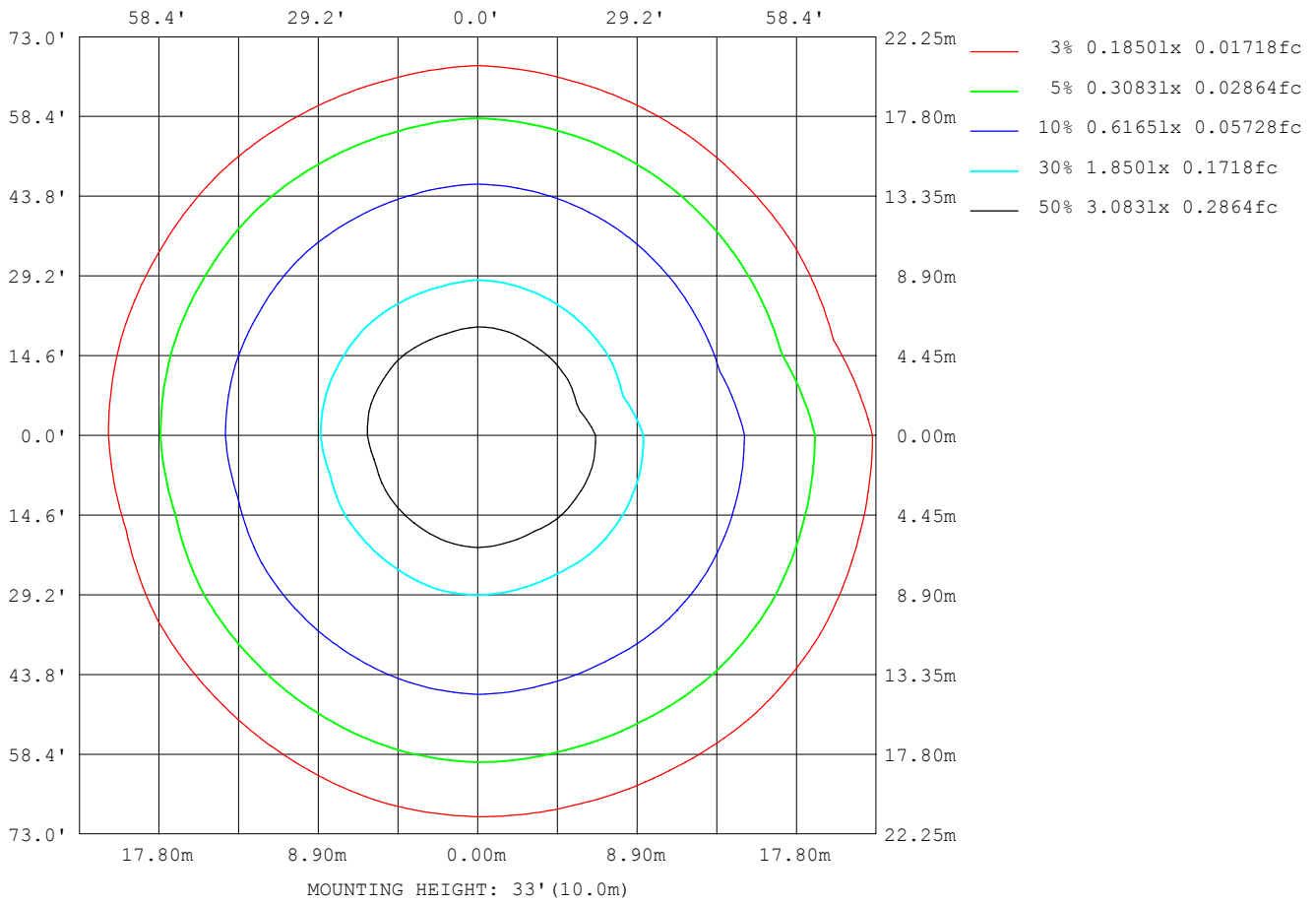
C Range: 0 - 360DEG
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γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Humidity: 54.2%
 Test Distance: 10.149m [K=1.0000]
 Remarks: standard: GB/T 9468-2008

Checker: Hucong

Assessor: Chunbo Zhou

ISOLUX DIAGRAM



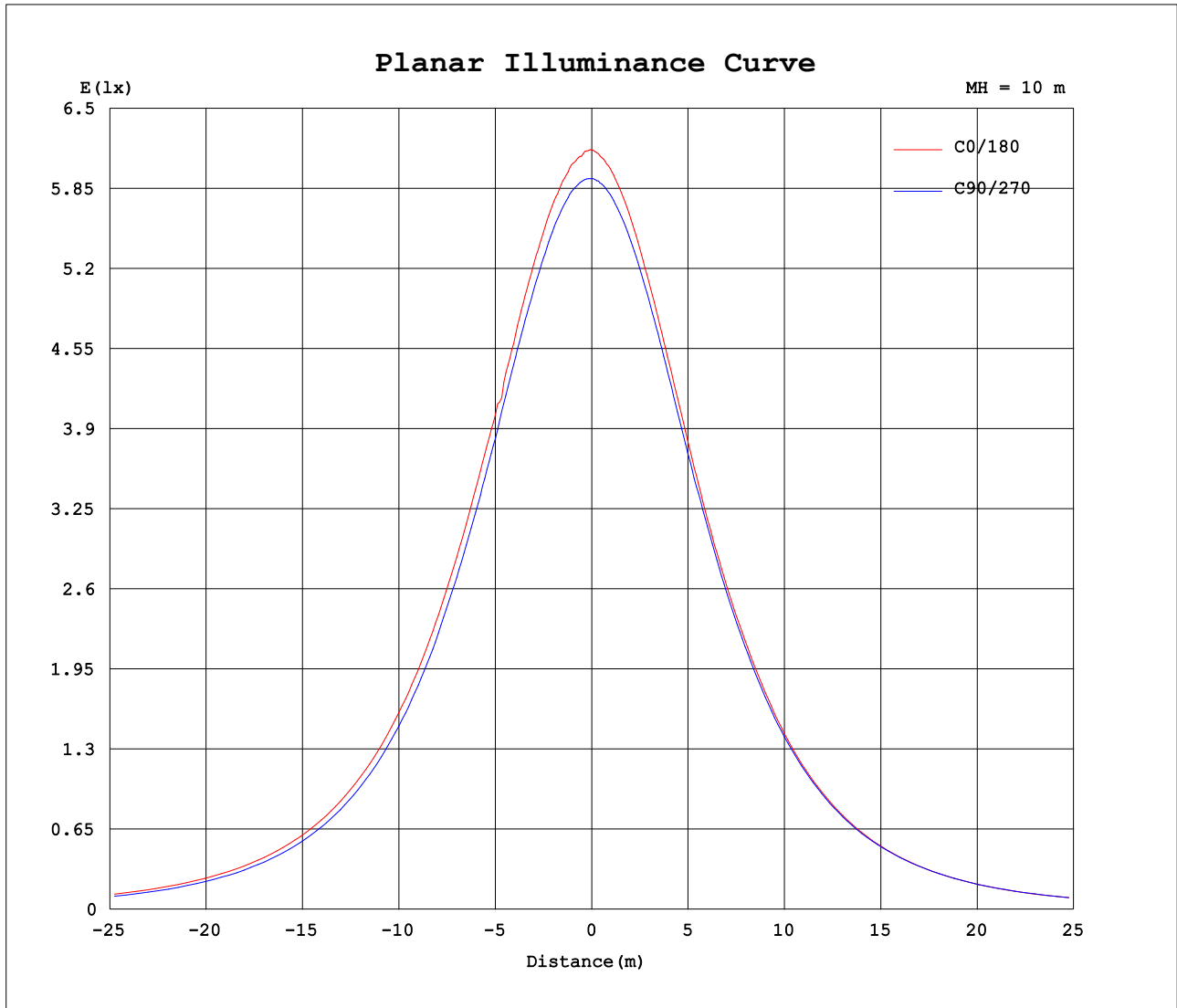
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature: 24.7DEG
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γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Humidity: 54.2%
 Test Distance: 10.149m [K=1.0000]
 Remarks: standard: GB/T 9468-2008

Checker: Hucong

Assessor: Chunbo Zhou

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature: 24.7DEG
Operators: Hu Cong
Test Date: 2021-04-16

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Humidity: 54.2%
Test Distance: 10.149m [K=1.0000]
Remarks: standard: GB/T 9468-2008

Checker: Hucong

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	617	624	607	604	585	583	593	586	576	574	577	566	617	624	607	604	585	583	593
5	614	625	608	603	584	583	592	586	576	572	574	565	610	618	602	598	582	579	589
10	608	620	604	599	580	578	587	583	573	566	568	559	599	607	592	589	572	570	580
15	600	611	596	587	570	568	577	570	560	555	557	547	584	592	577	574	558	556	566
20	586	597	582	571	555	554	562	558	545	539	541	533	563	571	559	556	542	538	548
25	558	577	564	554	536	535	543	535	525	520	519	513	539	545	535	532	519	516	525
30	548	553	542	533	513	512	517	513	501	496	494	487	509	516	507	504	493	489	499
35	520	524	516	507	486	484	490	483	472	467	465	457	478	482	475	473	461	458	468
40	488	491	484	476	455	453	456	454	439	432	432	424	444	445	439	437	428	425	435
45	452	454	450	442	421	418	421	416	404	395	394	384	403	405	398	398	387	387	396
50	411	412	410	401	381	376	381	373	363	356	353	343	360	361	355	355	348	347	355
55	367	366	367	358	340	334	337	329	318	312	310	299	314	315	309	310	304	303	310
60	319	319	321	313	297	289	291	282	273	265	263	252	265	265	261	262	257	257	264
65	269	268	271	264	249	241	239	234	223	217	214	203	214	213	210	210	207	207	214
70	216	215	219	213	198	192	184	177	172	167	162	154	161	160	158	158	157	157	163
75	162	162	165	161	148	142	129	127	121	117	112	105	109	108	107	106	107	107	112
80	110	110	113	109	99.8	92.9	77.4	78.7	74.1	69.7	65.4	60.3	61.7	60.2	59.8	58.8	59.3	59.4	62.6
85	65.4	64.6	69.8	65.5	57.4	49.8	38.7	37.4	34.8	32.4	29.9	27.4	25.5	24.2	23.6	22.3	22.0	21.5	22.6
90	36.1	35.5	42.0	38.3	31.8	24.8	7.13	14.4	14.9	14.0	11.7	10.4	6.84	6.28	5.78	4.78	3.85	2.53	1.23
95	21.6	20.8	29.8	27.6	24.0	17.9	9.79	5.11	12.8	10.8	7.15	5.12	0.43	0.47	0.48	0.51	0.47	0.46	0.42
100	14.8	14.9	26.1	24.9	22.2	16.8	1.42	0.45	6.98	12.0	9.24	6.35	0.51	0.49	0.53	0.59	0.66	0.60	0.62
105	10.1	11.4	23.3	22.7	21.4	17.9	0.60	0.58	0.93	8.12	11.3	8.12	0.67	0.63	0.71	0.84	0.89	0.83	0.84
110	6.51	8.25	20.8	20.8	21.0	1.93	0.71	1.49	0.84	1.46	9.51	10.6	0.86	0.82	0.91	1.04	1.17	1.08	1.09
115	4.33	5.59	19.5	3.18	0.90	0.95	0.90	0.94	0.96	1.15	2.77	11.4	1.07	1.06	1.14	1.26	1.47	1.39	1.39
120	2.35	3.96	18.1	1.14	1.05	1.15	1.12	1.14	1.12	1.19	1.77	7.55	1.28	1.26	1.36	1.55	1.76	2.01	2.27
125	1.50	3.13	1.40	1.34	1.27	1.34	1.33	1.37	1.33	1.36	1.55	2.40	1.49	1.49	1.58	1.82	2.04	3.00	3.28
130	1.71	1.84	1.53	1.56	1.46	1.54	1.52	1.56	4.31	1.57	1.56	1.99	1.67	1.70	1.79	2.15	2.29	4.15	3.94
135	1.88	1.81	1.72	1.78	1.70	1.74	1.69	2.38	7.81	1.77	1.78	1.91	1.83	1.82	1.97	2.37	2.48	5.92	6.85
140	1.99	2.00	1.93	1.95	1.88	1.91	1.92	2.81	9.09	1.95	1.94	2.15	1.97	1.97	2.15	2.50	2.59	7.23	10.4
145	2.15	2.16	2.06	2.10	1.98	2.04	2.00	3.34	12.4	5.06	2.15	2.25	2.10	2.14	2.29	2.63	2.64	8.24	12.5
150	2.23	2.29	2.17	2.22	2.13	21.4	21.9	17.2	13.7	7.33	2.21	2.37	2.24	2.23	2.43	2.75	2.98	10.7	14.3
155	2.38	2.40	2.35	2.34	17.7	20.8	22.2	13.4	17.2	9.61	2.36	2.47	2.35	2.37	2.53	2.78	3.65	12.5	16.0
160	2.45	2.51	2.38	12.3	17.3	19.6	22.3	7.37	17.7	13.7	2.42	2.54	2.49	2.45	2.62	2.98	4.60	13.5	17.5
165	2.58	2.61	3.02	11.7	16.9	18.5	22.3	9.79	20.7	15.8	6.20	2.63	2.61	2.58	2.69	3.28	6.75	14.6	18.7
170	2.68	2.69	4.63	11.0	16.1	17.6	22.1	14.2	22.2	18.3	10.3	2.69	2.71	2.65	2.71	4.39	7.94	15.5	19.9
175	2.80	2.75	3.82	10.2	15.4	16.9	21.7	18.6	22.4	21.7	14.7	2.76	2.78	2.69	2.71	5.18	9.54	16.4	20.8
180	2.80	2.81	3.46	8.33	14.4	16.1	21.2	20.6	23.1	22.8	19.0	3.09	2.80	2.81	2.71	5.96	12.4	17.4	21.6

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature:24.7DEG
Operators:Hu Cong
Test Date:2021-04-16

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Humidity:54.2%
Test Distance:10.149m [K=1.0000]
Remarks: standard: GB/T 9468-2008

Checker: Hucong

Assessor: Chunbo Zhou

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345													
0	586	576	574	577	566													
5	585	573	570	573	561													
10	576	567	563	565	553													
15	560	554	550	552	540													
20	542	536	533	534	522													
25	521	514	510	514	500													
30	498	487	487	487	474													
35	465	458	456	456	445													
40	430	425	423	424	412													
45	390	386	386	384	377													
50	353	347	347	345	345													
55	306	304	302	302	308													
60	259	257	257	256	258													
65	208	208	208	214	212													
70	156	159	159	168	128													
75	105	108	115	116	94.4													
80	57.7	66.3	68.1	49.2	70.4													
85	22.1	27.4	26.0	36.9	40.3													
90	3.50	7.22	9.51	12.8	17.2													
95	0.75	0.72	1.29	3.27	8.60													
100	1.15	0.88	1.74	4.40	10.5													
105	2.23	1.83	3.47	6.80	13.4													
110	4.10	3.19	5.79	9.36	16.5													
115	6.50	6.33	8.47	12.1	19.6													
120	8.95	7.65	11.4	15.1	22.7													
125	11.3	11.7	14.2	18.0	25.3													
130	13.9	14.4	17.0	20.3	26.0													
135	16.1	18.1	19.5	22.6	25.1													
140	18.1	20.6	21.5	23.7	24.0													
145	19.7	22.6	22.1	23.7	21.3													
150	21.3	24.1	23.3	24.9	18.5													
155	22.2	25.3	24.5	24.5	15.4													
160	22.6	26.2	25.5	23.4	12.2													
165	22.7	26.1	25.9	23.6	9.55													
170	22.8	24.9	24.5	22.6	6.72													
175	22.8	24.0	23.7	20.0	3.84													
180	22.7	23.4	23.1	19.3	2.85													

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature:24.7DEG
Operators:Hu Cong
Test Date:2021-04-16

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Humidity:54.2%
Test Distance:10.149m [K=1.0000]
Remarks: standard: GB/T 9468-2008

Checker: Hucong

Assessor: Chunbo Zhou