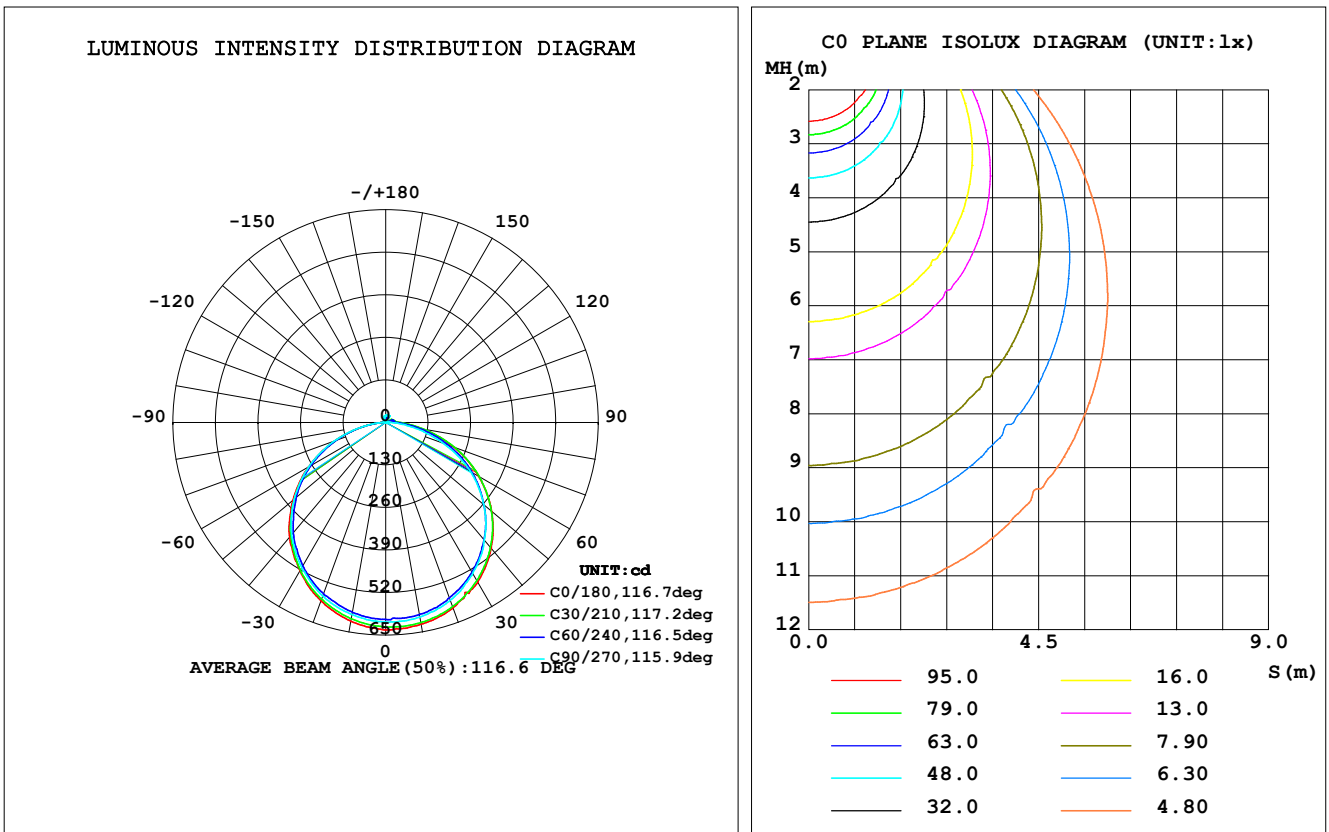


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:24.00V I:0.6419A P:15.41W PF:1.000 Lamp Flux:1854.89x1 lm		
NAME: EKF5216HL90	SUR.:0.1*1	SERIAL No.:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 120.40 lm/W			
MODEL	EKF5216HL90	Imax(cd)	642.7	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)	1854.9	η UP,DN(C0-180)	1.4,50.9
NOMINAL FLUX(lm)	1854.89	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

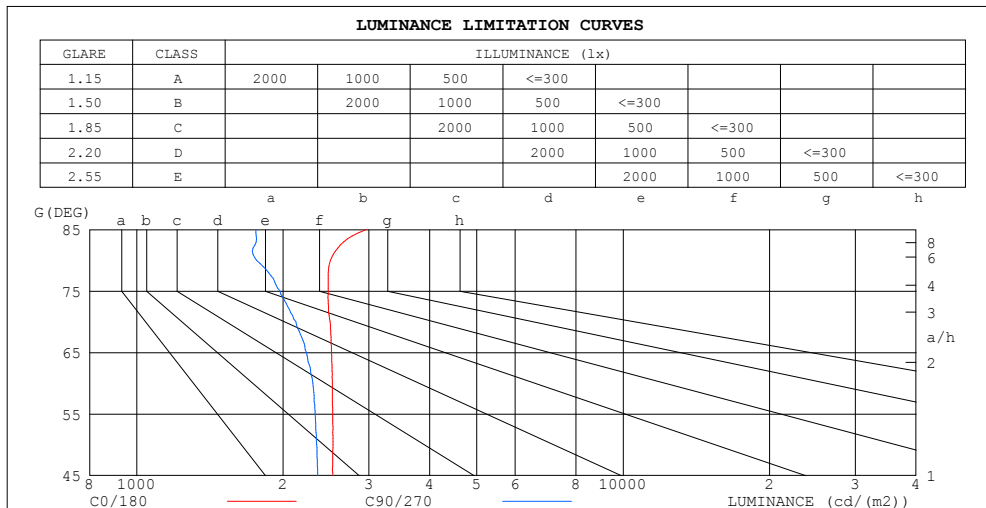
Checker: Hucong

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	631.0	620.6	609.1	588.6	627.7	615.4	605.5	586.4	0- 5	14.50	14.50	0.78,0.78
10	625.1	615.6	603.5	582.2	616.5	605.2	596.2	579.0	5- 10	43.05	57.54	3.1,3.1
15	617.0	603.6	593.1	570.4	600.2	590.5	582.5	565.7	10- 15	70.21	127.8	6.89,6.89
20	602.8	587.1	578.3	554.3	579.4	571.4	563.9	547.6	15- 20	95.08	222.8	12,12
25	573.6	570.2	558.5	534.5	554.6	547.2	539.7	524.6	20- 25	117.0	339.8	18.3,18.3
30	563.2	548.6	531.9	509.6	523.8	518.8	513.2	501.0	25- 30	135.1	474.9	25.6,25.6
35	534.9	521.5	504.0	480.1	491.7	486.0	481.6	469.0	30- 35	148.9	623.9	33.6,33.6
40	501.8	489.8	469.4	444.7	457.0	449.6	447.4	434.8	35- 40	158.0	781.9	42.2,42.2
45	465.2	454.5	433.0	405.8	414.8	409.2	407.5	397.1	40- 45	161.8	943.7	50.9,50.9
50	423.0	411.9	391.9	365.8	370.5	365.5	365.0	356.3	45- 50	160.3	1104	59.5,59.5
55	377.1	368.7	347.0	321.1	322.9	318.6	319.1	310.5	50- 55	153.7	1258	67.8,67.8
60	328.1	322.0	299.1	272.7	272.3	269.0	271.4	264.3	55- 60	141.9	1400	75.5,75.5
65	276.3	271.8	245.5	223.1	219.6	216.2	220.3	213.5	60- 65	125.3	1525	82.2,82.2
70	222.0	219.2	188.8	171.5	165.8	162.1	167.7	163.4	65- 70	103.9	1629	87.8,87.8
75	166.5	165.2	132.4	120.4	112.5	109.4	114.8	118.1	70- 75	79.24	1708	92.1,92.1
80	112.9	112.4	79.63	71.67	63.41	60.50	64.41	70.05	75- 80	54.12	1762	95,95
85	67.22	67.33	39.85	33.35	26.22	22.91	23.27	26.71	80- 85	30.73	1793	96.7,96.7
90	37.08	39.40	7.332	14.37	7.036	4.911	1.260	9.776	85- 90	13.81	1807	97.4,97.4
95	22.22	28.35	10.07	11.06	0.4371	0.5250	0.4301	1.323	90- 95	6.173	1813	97.7,97.7
100	15.19	25.57	1.458	12.39	0.5217	0.6089	0.6418	1.793	95-100	4.521	1817	98,98
105	10.41	23.38	0.6204	8.346	0.6914	0.8598	0.8611	3.570	100-105	3.951	1821	98.2,98.2
110	6.696	21.40	0.7257	1.505	0.8824	1.072	1.122	5.954	105-110	3.717	1825	98.4,98.4
115	4.452	3.269	0.9300	1.179	1.100	1.297	1.425	8.706	110-115	2.759	1828	98.5,98.5
120	2.421	1.171	1.155	1.227	1.312	1.598	2.337	11.72	115-120	2.430	1830	98.7,98.7
125	1.544	1.382	1.367	1.403	1.537	1.868	3.372	14.58	120-125	2.182	1832	98.8,98.8
130	1.754	1.608	1.564	1.615	1.714	2.214	4.052	17.49	125-130	2.300	1835	98.9,98.9
135	1.935	1.827	1.737	1.820	1.883	2.432	7.048	20.06	130-135	2.463	1837	99,99
140	2.052	2.010	1.971	2.002	2.024	2.573	10.65	22.13	135-140	2.558	1840	99.2,99.2
145	2.207	2.158	2.058	5.206	2.158	2.707	12.90	22.69	140-145	2.492	1842	99.3,99.3
150	2.291	2.285	22.48	7.534	2.299	2.825	14.75	23.98	145-150	2.597	1845	99.5,99.5
155	2.443	2.406	22.78	9.881	2.419	2.857	16.45	25.23	150-155	2.843	1848	99.6,99.6
160	2.523	12.65	22.95	14.12	2.559	3.066	17.95	26.27	155-160	2.475	1850	99.7,99.7
165	2.657	11.98	22.91	16.21	2.686	3.376	19.27	26.66	160-165	2.002	1852	99.9,99.9
170	2.752	11.31	22.70	18.80	2.785	4.511	20.47	25.19	165-170	1.523	1854	99.9,99.9
175	2.877	10.46	22.33	22.30	2.855	5.322	21.42	24.35	170-175	0.9312	1855	100,100
180	2.884	8.566	21.81	23.49	2.884	6.134	22.17	23.77	175-180	0.3195	1855	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m ²)		
G (DEG)	C0/180	C90/270
85	2967	1758
80	2501	1764
75	2474	1968
70	2497	2123
65	2515	2234
60	2524	2300
55	2528	2327
50	2531	2345
45	2530	2355

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

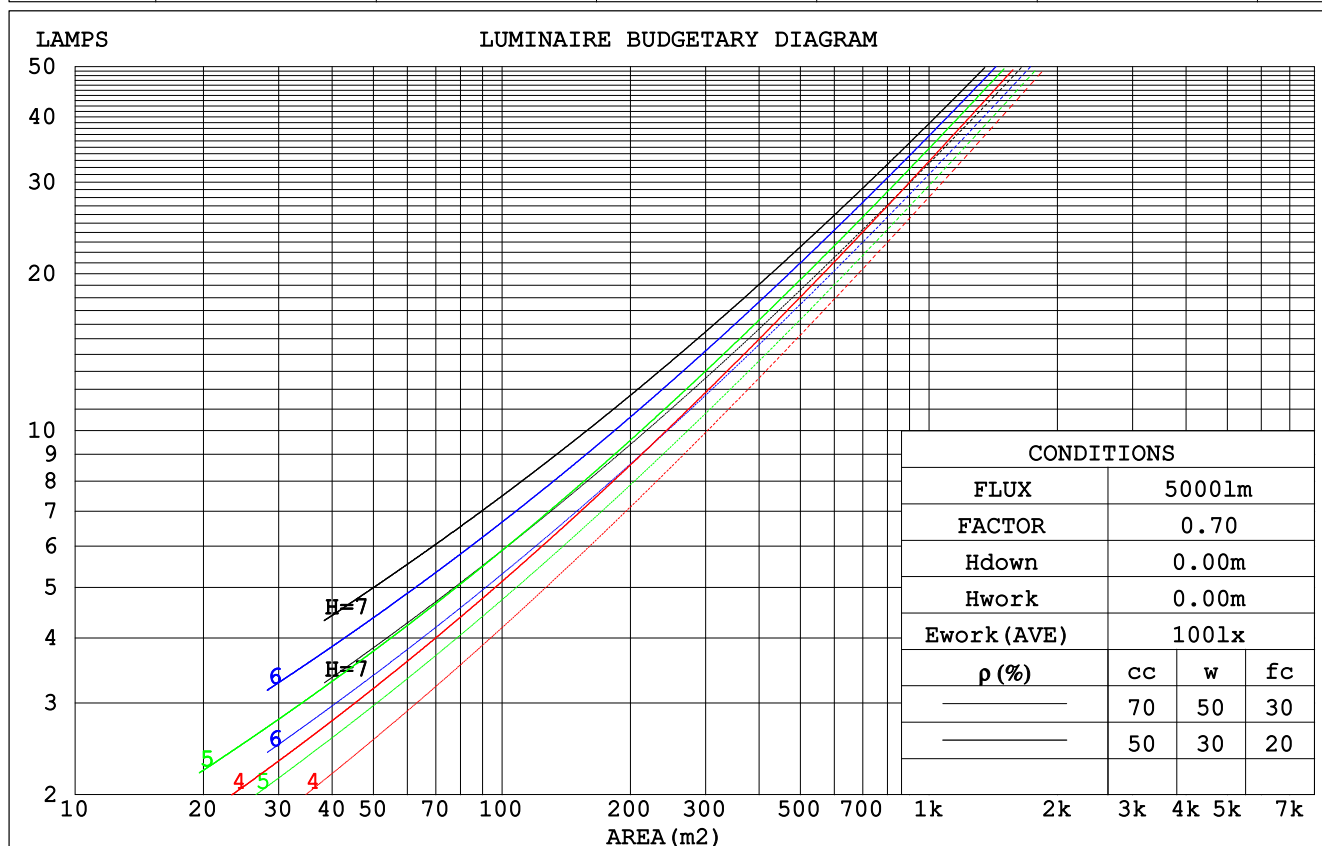
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Humidity:54.2%
Test Distance:10.149m [K=1.0000]
Remarks: standard: GB/T 9468-2008

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
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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 Coefficients(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	16.5	18.0	16.8	18.2	18.5	15.9	17.4	16.2	17.7	17.9
3H	18.2	19.6	18.6	19.9	20.2	17.6	18.9	17.9	19.2	19.5
4H	19.0	20.3	19.4	20.6	20.9	18.2	19.5	18.6	19.8	20.2
6H	19.6	20.9	20.0	21.2	21.5	18.7	20.0	19.1	20.3	20.6
8H	19.9	21.1	20.3	21.4	21.8	18.9	20.1	19.3	20.4	20.7
12H	20.1	21.3	20.5	21.6	22.0	19.0	20.1	19.4	20.5	20.9
4H 2H	17.1	18.4	17.5	18.7	19.0	16.7	18.0	17.0	18.3	18.6
3H	19.1	20.2	19.5	20.6	20.9	18.5	19.7	18.9	20.0	20.4
4H	20.0	21.1	20.4	21.4	21.8	19.3	20.4	19.7	20.7	21.1
6H	20.8	21.7	21.2	22.1	22.6	20.0	20.9	20.4	21.3	21.7
8H	21.1	22.0	21.6	22.4	22.9	20.2	21.1	20.7	21.5	21.9
12H	21.5	22.3	21.9	22.7	23.2	20.4	21.2	20.9	21.6	22.1
8H 4H	20.3	21.2	20.8	21.6	22.1	19.7	20.6	20.2	21.0	21.5
6H	21.3	22.1	21.8	22.5	23.0	20.6	21.3	21.1	21.8	22.3
8H	21.8	22.5	22.3	22.9	23.4	20.9	21.6	21.4	22.1	22.6
12H	22.3	22.8	22.8	23.3	23.8	21.3	21.8	21.8	22.3	22.8
12H 4H	20.4	21.2	20.8	21.6	22.1	19.8	20.6	20.3	21.0	21.5
6H	21.4	22.1	21.9	22.5	23.1	20.7	21.4	21.2	21.8	22.4
8H	22.0	22.5	22.5	23.0	23.6	21.2	21.7	21.7	22.2	22.7
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 1855 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.1)

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		

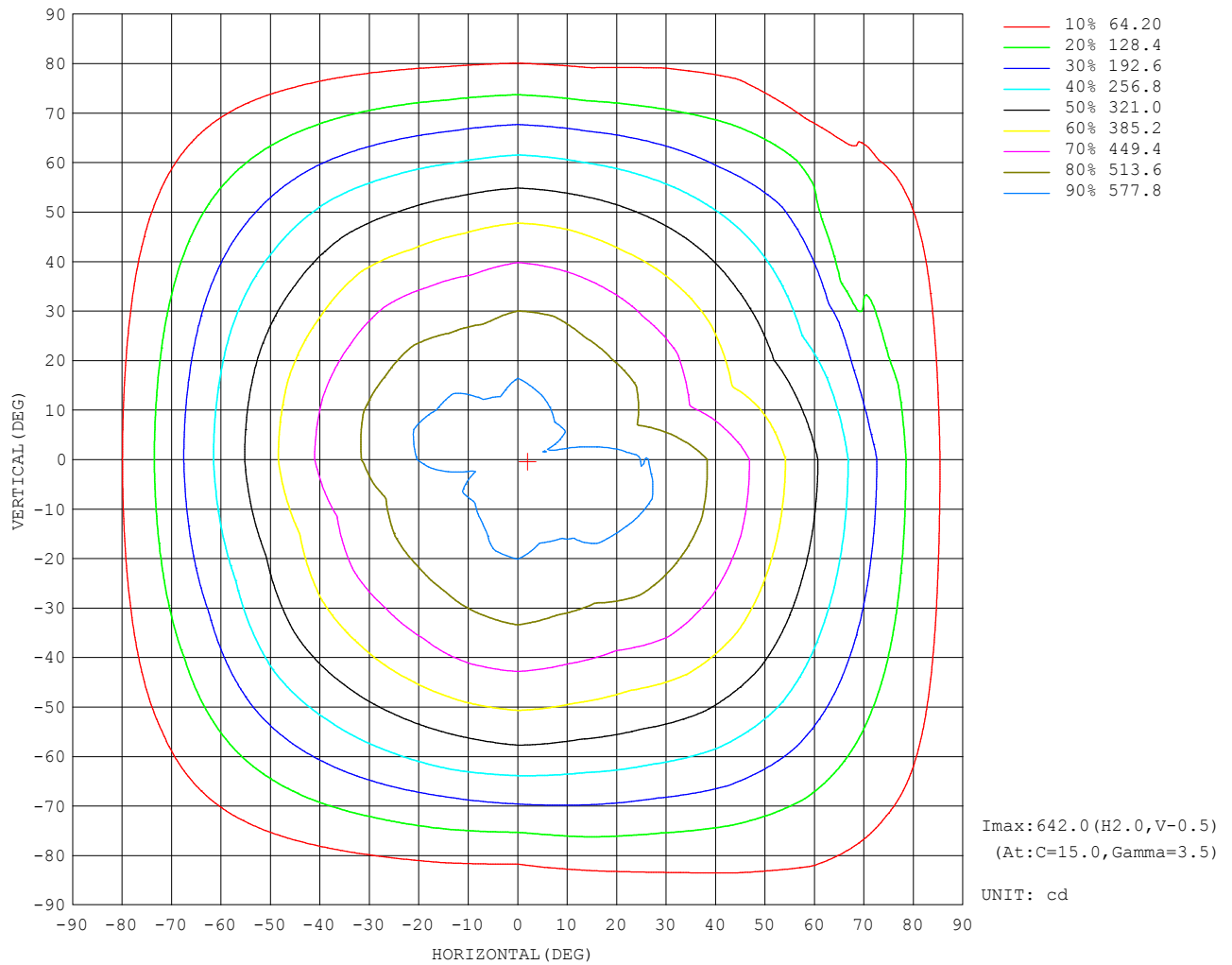
C Range: 0 - 360DEG
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 Test Speed: MEDIUM
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 Operators: Hu Cong
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γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Humidity: 54.2%
 Test Distance: 10.149m [K=1.0000]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

Assessor: Chunbo Zhou

ISOCANDELA DIAGRAM



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

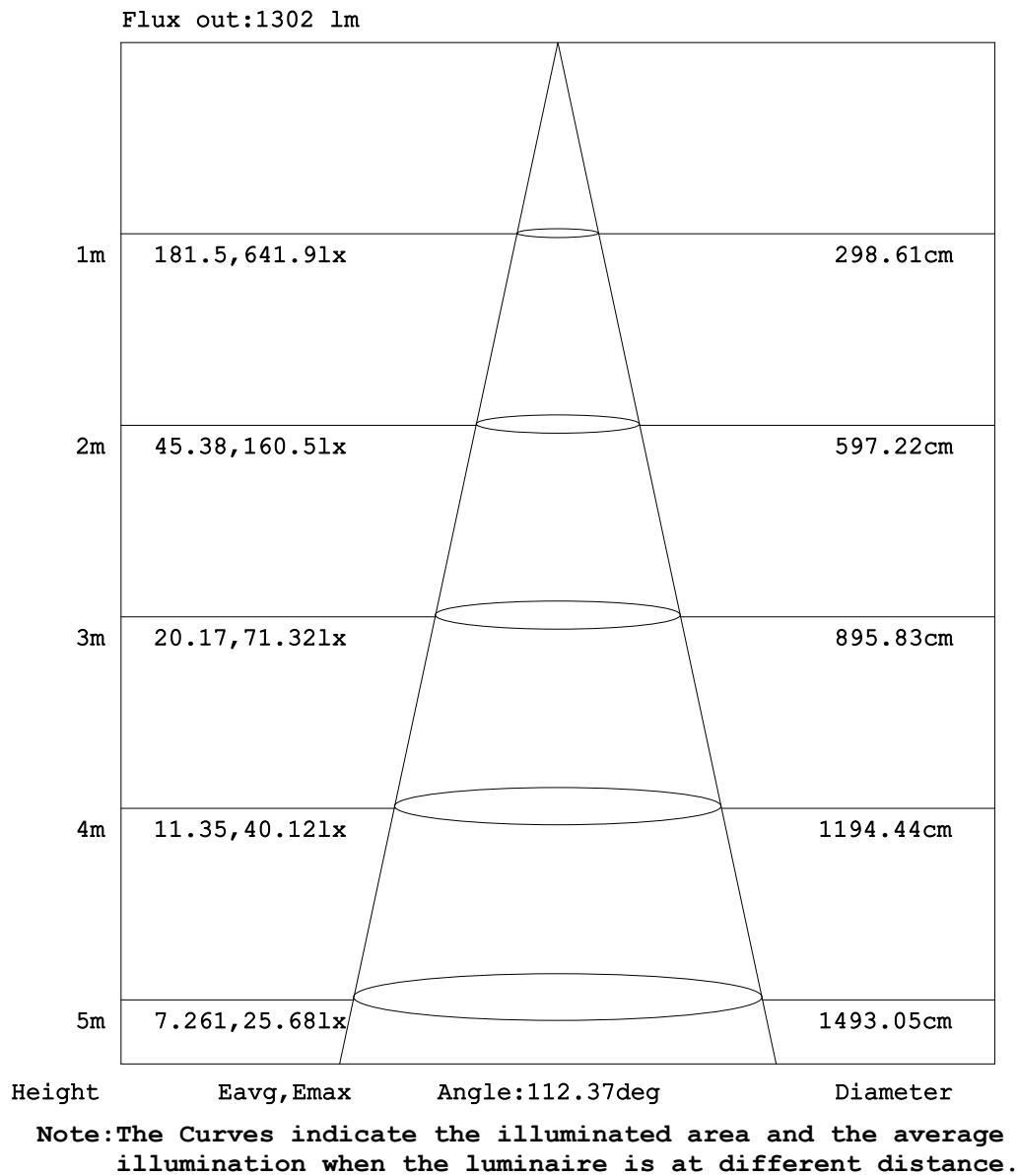
Checker: Hucong

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG

Humidity:54.2%
Test Distance:10.149m [K=1.0000]
Remarks: standard: GB/T 9468-2008

Assessor: Chunbo Zhou

AAI Figure



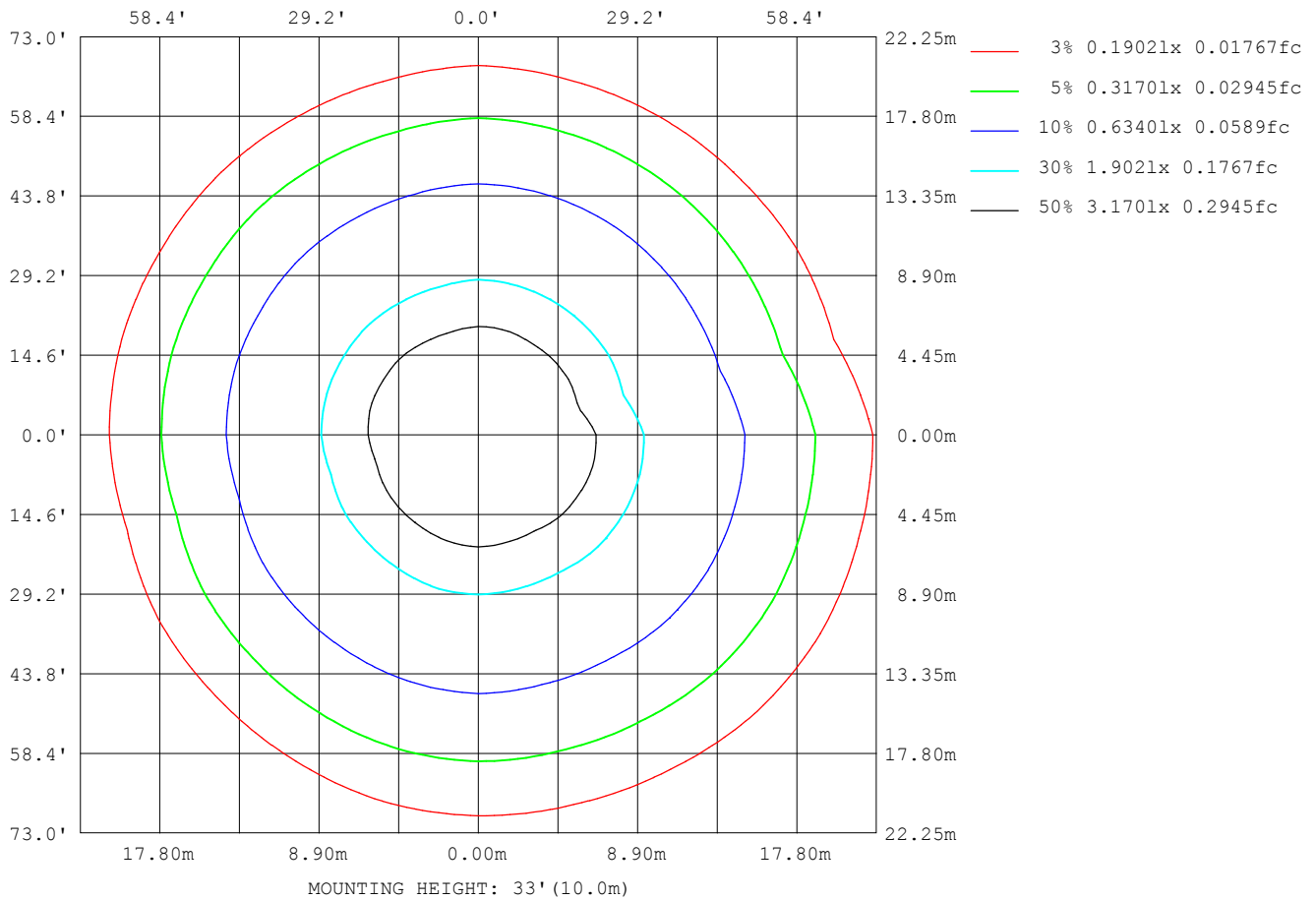
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature: 24.7DEG
 Operators: Hu Cong
 Test Date: 2021-04-16

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

ISOLUX DIAGRAM



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

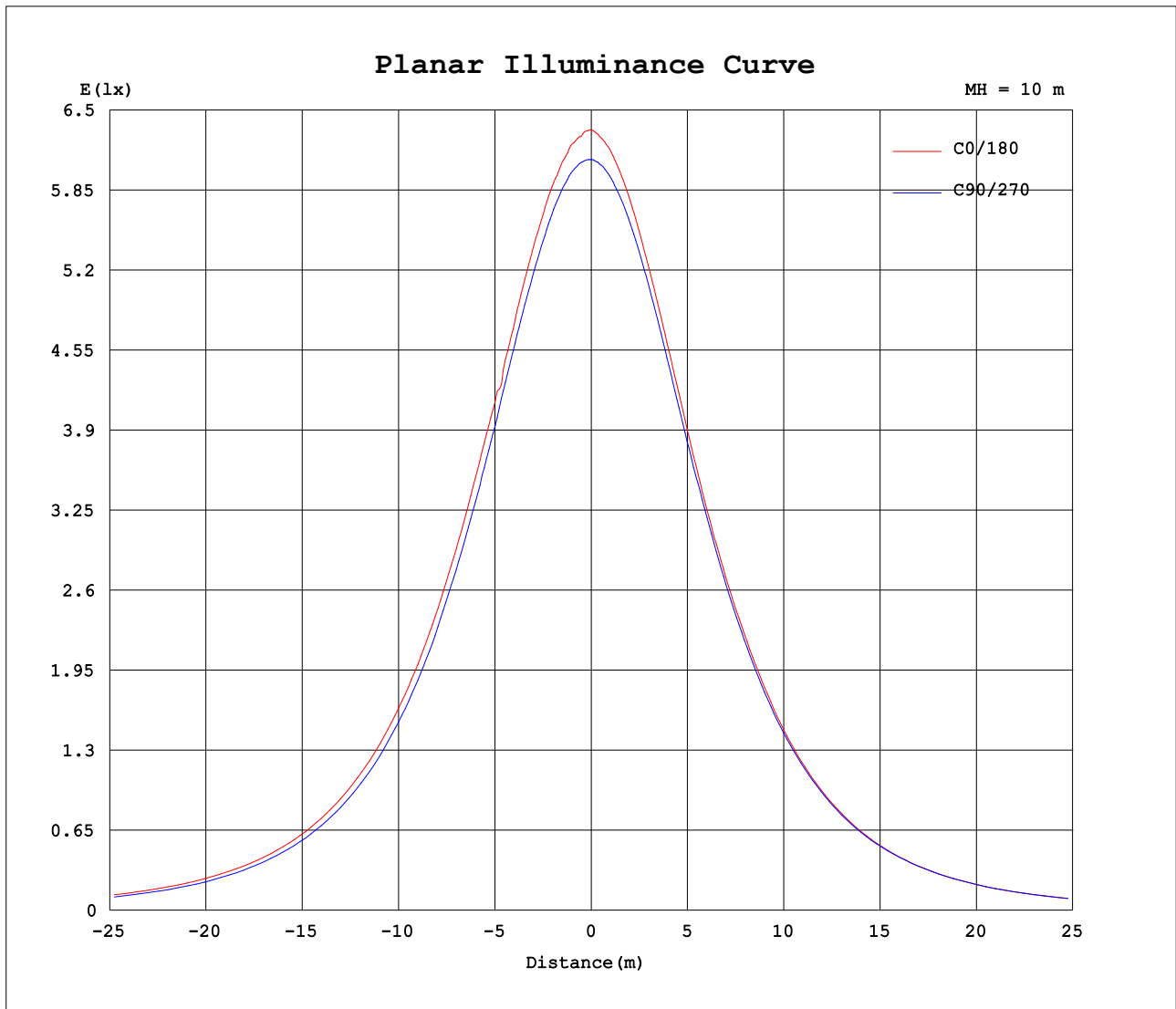
Checker: Hucong

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG

Humidity: 54.2%
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: 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	634	642	625	621	601	599	610	603	593	590	593	582	634	642	625	621	601	599	610
5	631	642	625	621	600	599	609	603	593	589	591	581	628	636	619	615	598	595	605
10	625	638	621	616	596	594	604	600	589	582	584	575	616	625	609	605	589	586	596
15	617	628	613	604	586	584	593	586	576	570	573	563	600	608	594	590	574	572	583
20	603	613	599	587	571	570	578	574	560	554	556	548	579	587	574	571	557	554	564
25	574	593	580	570	552	550	559	550	540	535	534	527	555	561	550	547	534	530	540
30	563	569	557	549	528	526	532	528	515	510	508	501	524	530	521	519	507	503	513
35	535	539	530	521	500	498	504	497	486	480	478	470	492	495	488	486	474	471	482
40	502	505	498	490	468	466	469	467	452	445	445	436	457	458	451	450	440	437	447
45	465	467	463	454	433	430	433	428	415	406	405	395	415	416	409	409	398	398	408
50	423	423	422	412	392	387	392	384	373	366	363	352	371	371	365	366	358	357	365
55	377	377	377	369	350	344	347	339	327	321	318	307	323	324	318	319	312	312	319
60	328	328	330	322	305	297	299	290	281	273	270	260	272	273	268	269	264	264	271
65	276	276	279	272	256	248	245	241	230	223	220	209	220	219	216	216	213	213	220
70	222	221	225	219	204	197	189	182	177	172	166	158	166	164	163	162	161	161	168
75	167	166	170	165	152	147	132	131	125	120	115	108	112	111	110	109	110	110	115
80	113	113	117	112	103	95.5	79.6	80.9	76.2	71.7	67.2	62.0	63.4	61.9	61.5	60.5	61.0	61.1	64.4
85	67.2	66.4	71.8	67.3	59.0	51.2	39.8	38.5	35.8	33.3	30.7	28.1	26.2	24.9	24.2	22.9	22.6	22.1	23.3
90	37.1	36.5	43.2	39.4	32.7	25.5	7.33	14.8	15.3	14.4	12.1	10.7	7.04	6.46	5.94	4.91	3.96	2.60	1.26
95	22.2	21.4	30.6	28.3	24.7	18.4	10.1	5.26	13.2	11.1	7.36	5.27	0.44	0.49	0.49	0.53	0.48	0.48	0.43
100	15.2	15.3	26.8	25.6	22.9	17.2	1.46	0.46	7.17	12.4	9.50	6.53	0.52	0.50	0.54	0.61	0.68	0.62	0.64
105	10.4	11.7	23.9	23.4	22.0	18.4	0.62	0.60	0.96	8.35	11.7	8.35	0.69	0.65	0.73	0.86	0.91	0.86	0.86
110	6.70	8.48	21.4	21.4	21.6	1.98	0.73	1.53	0.86	1.51	9.78	10.9	0.88	0.85	0.94	1.07	1.20	1.11	1.12
115	4.45	5.75	20.0	3.27	0.92	0.97	0.93	0.97	0.99	1.18	2.85	11.8	1.10	1.09	1.17	1.30	1.51	1.43	1.43
120	2.42	4.08	18.6	1.17	1.08	1.18	1.16	1.17	1.15	1.23	1.82	7.76	1.31	1.30	1.40	1.60	1.81	2.07	2.34
125	1.54	3.21	1.44	1.38	1.31	1.38	1.37	1.41	1.37	1.40	1.59	2.46	1.54	1.54	1.62	1.87	2.10	3.08	3.37
130	1.75	1.89	1.57	1.61	1.51	1.59	1.56	1.60	4.43	1.61	1.61	2.04	1.71	1.75	1.84	2.21	2.36	4.27	4.05
135	1.94	1.86	1.77	1.83	1.75	1.79	1.74	2.45	8.03	1.82	1.83	1.97	1.88	1.87	2.03	2.43	2.55	6.09	7.05
140	2.05	2.05	1.98	2.01	1.94	1.96	1.97	2.89	9.34	2.00	1.99	2.21	2.02	2.03	2.21	2.57	2.67	7.44	10.7
145	2.21	2.22	2.11	2.16	2.04	2.09	2.06	3.44	12.8	5.21	2.21	2.31	2.16	2.21	2.36	2.71	2.71	8.47	12.9
150	2.29	2.36	2.23	2.28	2.19	22.0	22.5	17.7	14.0	7.53	2.27	2.44	2.30	2.30	2.50	2.83	3.06	11.0	14.7
155	2.44	2.47	2.42	2.41	18.2	21.4	22.8	13.8	17.6	9.88	2.43	2.54	2.42	2.44	2.60	2.86	3.76	12.9	16.5
160	2.52	2.58	2.45	12.6	17.7	20.2	22.9	7.58	18.2	14.1	2.49	2.62	2.56	2.52	2.69	3.07	4.73	13.9	18.0
165	2.66	2.68	3.11	12.0	17.4	19.0	22.9	10.1	21.3	16.2	6.37	2.70	2.69	2.66	2.76	3.38	6.94	15.1	19.3
170	2.75	2.77	4.76	11.3	16.6	18.1	22.7	14.6	22.8	18.8	10.6	2.76	2.79	2.73	2.79	4.51	8.16	15.9	20.5
175	2.88	2.83	3.93	10.5	15.8	17.3	22.3	19.1	23.0	22.3	15.1	2.83	2.86	2.77	2.79	5.32	9.81	16.8	21.4
180	2.88	2.89	3.56	8.57	14.8	16.6	21.8	21.2	23.7	23.5	19.6	3.17	2.88	2.89	2.79	6.13	12.8	17.9	22.2

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	603	593	590	593	582													
5	602	589	586	590	577													
10	592	583	579	581	568													
15	576	570	566	568	555													
20	557	551	548	549	537													
25	536	529	525	528	514													
30	512	501	501	501	488													
35	478	471	469	469	458													
40	442	437	435	436	423													
45	401	397	397	395	387													
50	363	357	356	354	355													
55	314	312	311	310	317													
60	267	265	264	264	266													
65	214	214	214	221	218													
70	161	163	163	173	132													
75	108	111	118	120	97.1													
80	59.3	68.2	70.1	50.6	72.4													
85	22.7	28.2	26.7	37.9	41.4													
90	3.60	7.43	9.78	13.2	17.7													
95	0.77	0.74	1.32	3.36	8.85													
100	1.18	0.90	1.79	4.53	10.8													
105	2.29	1.88	3.57	7.00	13.7													
110	4.22	3.28	5.95	9.62	17.0													
115	6.68	6.51	8.71	12.4	20.2													
120	9.20	7.86	11.7	15.5	23.3													
125	11.7	12.0	14.6	18.5	26.1													
130	14.2	14.8	17.5	20.8	26.7													
135	16.5	18.6	20.1	23.2	25.8													
140	18.6	21.2	22.1	24.4	24.7													
145	20.3	23.2	22.7	24.3	21.9													
150	21.9	24.8	24.0	25.7	19.1													
155	22.9	26.1	25.2	25.2	15.9													
160	23.2	27.0	26.3	24.0	12.5													
165	23.3	26.9	26.7	24.3	9.82													
170	23.4	25.6	25.2	23.3	6.91													
175	23.4	24.6	24.4	20.6	3.94													
180	23.3	24.1	23.8	19.9	2.93													

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