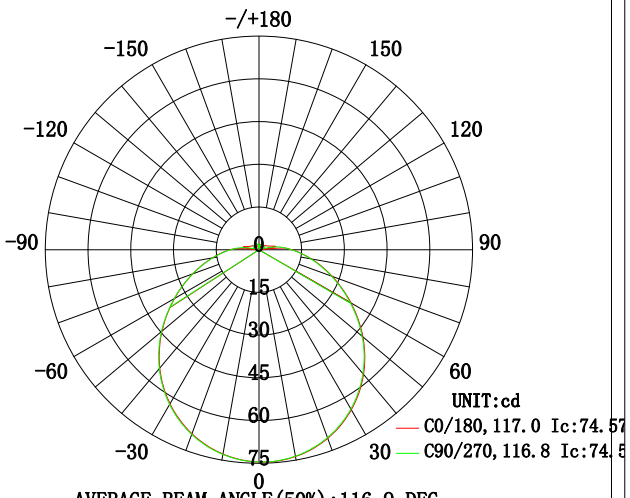
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LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:5.820V I:0.5427A P:3.159W PF:1.000 Freq:0Hz Lamp Flux:260.333x1 lm		
NAME: 1	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

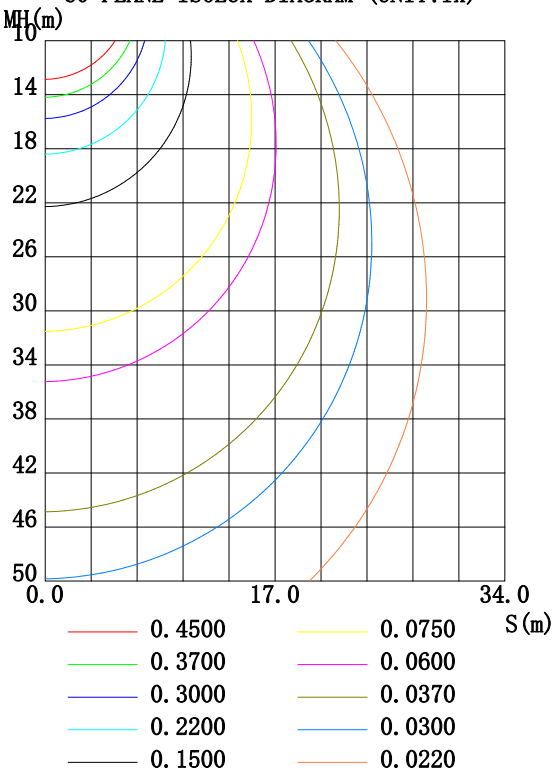
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 82.42 lm/W	
MODEL	HCP-91306	Imax(cd)	74.58	S/MH(C0/180)	1.29
NOMINAL POWER(W)	3	LOR(%)	100.0	S/MH(C90/270)	1.29
RATED VOLTAGE(V)	5.82	TOTAL FLUX(lm)	260.33	η UP,DN(C0-180)	3.7,45.1
NOMINAL FLUX(lm)	260.333	CIE CLASS	DIRECT	η UP,DN(C180-360)	4.0,47.2
LAMPS INSIDE	1	η up(%)	7.7	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	5.82	η down(%)	92.3	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):116.9 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Near
Test Date:2017-12-26

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.354
Humidity:65.0%
Test Distance:2.686m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	72.86	72.81	72.99	73.44	73.74	73.80	73.61	73.19	0- 10	7.056	7.056	2.71, 2.71
20	68.78	68.68	69.02	69.87	70.49	70.61	70.24	69.42	10- 20	20.26	27.32	10.5, 10.5
30	62.48	62.34	62.75	63.94	64.86	65.04	64.56	63.39	20- 30	30.85	58.17	22.3, 22.3
40	54.21	53.98	54.49	55.90	57.11	57.33	56.77	55.32	30- 40	37.47	95.63	36.7, 36.7
50	44.47	44.18	44.69	46.26	47.62	47.87	47.29	45.72	40- 50	39.33	135.0	51.8, 51.8
60	34.25	33.88	34.39	35.90	37.27	37.50	36.93	35.46	50- 60	36.56	171.5	65.9, 65.9
70	24.77	24.40	24.79	26.16	27.39	27.56	27.08	25.86	60- 70	30.47	202.0	77.6, 77.6
80	16.64	16.26	16.55	17.70	18.71	18.84	18.50	17.58	70- 80	22.90	224.9	86.4, 86.4
90	10.22	9.853	10.02	10.86	11.61	11.73	11.48	10.93	80- 90	15.33	240.2	92.3, 92.3
100	5.703	1.484	3.905	1.971	4.557	2.914	6.012	2.612	90-100	7.675	247.9	95.2, 95.2
110	3.602	2.930	1.006	3.186	3.921	3.267	0.6740	3.263	100-110	3.090	251.0	96.4, 96.4
120	2.823	2.482	2.286	2.521	2.876	2.420	2.198	2.479	110-120	2.579	253.6	97.4, 97.4
130	2.259	2.511	2.342	2.479	2.148	2.392	2.163	2.465	120-130	2.106	255.7	98.2, 98.2
140	2.178	2.378	2.425	2.382	2.084	2.305	2.183	2.272	130-140	1.800	257.5	98.9, 98.9
150	2.306	2.217	2.465	2.143	2.045	2.013	2.202	1.878	140-150	1.300	258.8	99.4, 99.4
160	2.056	2.044	2.107	1.900	1.575	1.796	1.731	1.895	150-160	0.9308	259.7	99.8, 99.8
170	1.433	1.425	2.143	0.9452	1.519	0.9411	1.804	1.318	160-170	0.5173	260.2	100, 100
180	0.9216	0.8986	1.128	0.9937	0.9186	0.8995	1.127	0.9919	170-180	0.1129	260.3	100, 100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 115.37 lm

%lum = 44.3%
%lamp = 44.3%

Conical surface Flux(120deg): 171.52 lm

%lum = 65.9%
%lamp = 65.9%

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Near
Test Date:2017-12-26

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.354
Humidity:65.0%
Test Distance:2.686m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

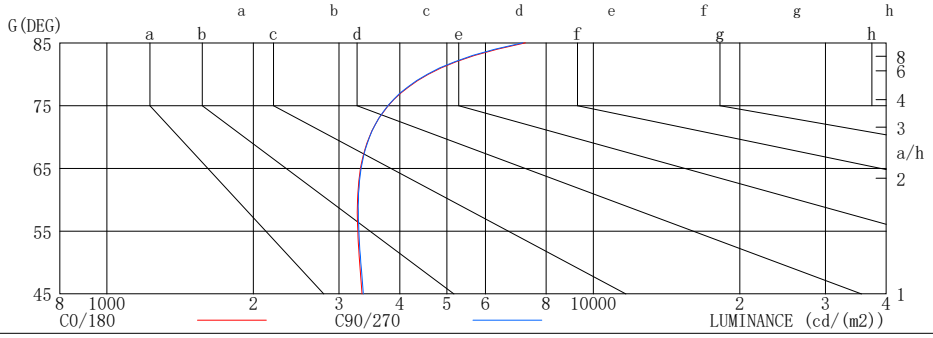
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LUMINANCE LIMITATION CURVES

Test:U:5.820V I:0.5427A P:3.159W PF:1.000 Freq:0Hz Lamp Flux:260.333x1 lm		
NAME: 1	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	7246	7160
80	4582	4561
75	3788	3784
70	3464	3467
65	3321	3331
60	3276	3291
55	3280	3295
50	3309	3326
45	3346	3365

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Near
Test Date:2017-12-26

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.354
Humidity:65.0%
Test Distance:2.686m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

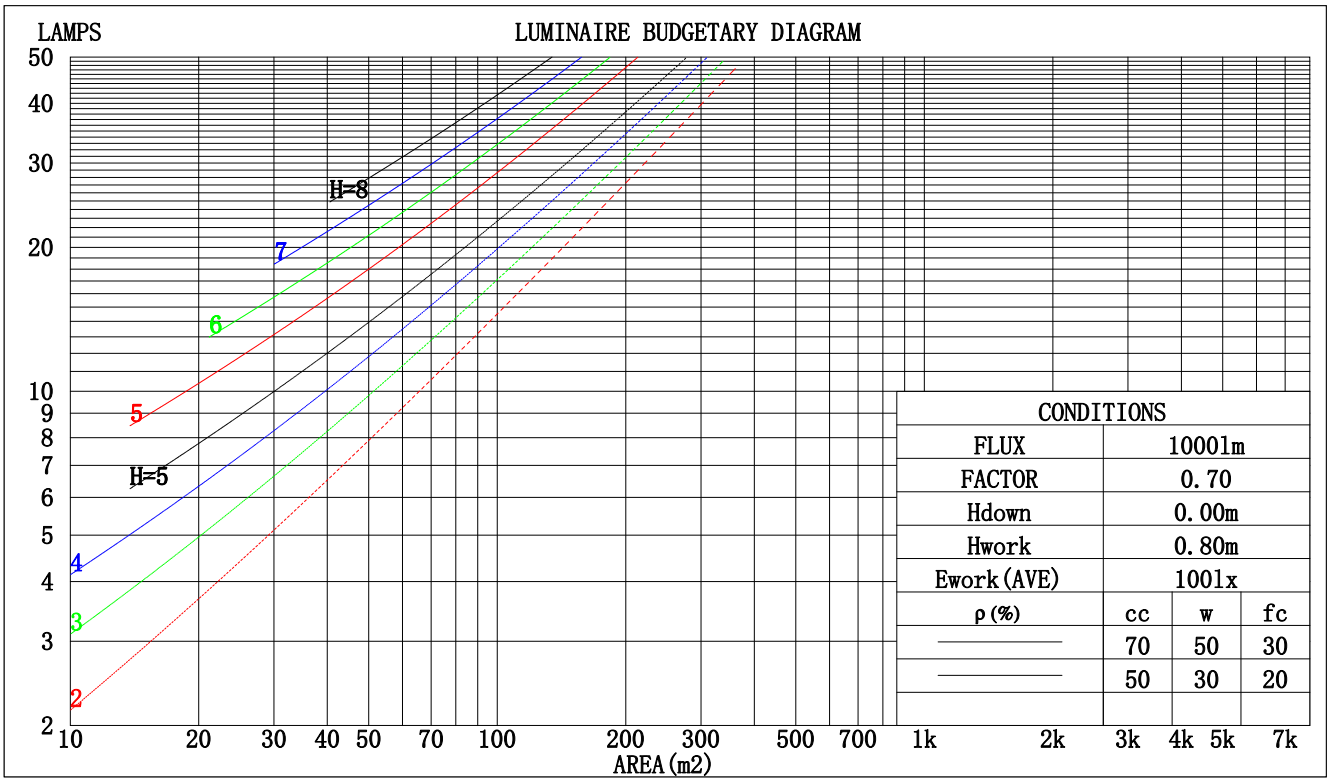
Assessor: Akin Xu

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CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:5.820V I:0.5427A P:3.159W PF:1.000 Freq:0Hz Lamp Flux:260.333x1 lm		
NAME: 1	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio			Coefficients of Utilization(CU)												
0.0	1.17	1.17	1.17	1.14	1.14	1.14	1.07	1.07	1.07	1.01	1.01	1.01	.95	.95	.95	.92
1.0	.99	.94	.90	.96	.92	.88	.90	.87	.83	.85	.82	.79	.80	.78	.76	.73
2.0	.86	.78	.72	.83	.76	.70	.78	.72	.67	.74	.69	.65	.69	.66	.62	.59
3.0	.75	.66	.59	.72	.64	.58	.68	.61	.56	.64	.59	.54	.61	.56	.52	.49
4.0	.66	.57	.50	.64	.55	.49	.60	.53	.47	.57	.51	.46	.54	.49	.44	.42
5.0	.59	.49	.42	.57	.48	.42	.54	.46	.41	.51	.45	.39	.49	.43	.38	.36
6.0	.53	.43	.37	.51	.43	.36	.49	.41	.35	.46	.40	.34	.44	.38	.34	.31
7.0	.48	.39	.32	.46	.38	.32	.44	.37	.31	.42	.35	.30	.40	.34	.30	.28
8.0	.43	.35	.29	.42	.34	.28	.40	.33	.28	.39	.32	.27	.37	.31	.27	.24
9.0	.40	.31	.26	.39	.31	.26	.37	.30	.25	.36	.29	.24	.34	.28	.24	.22
10.0	.37	.29	.23	.36	.28	.23	.34	.27	.23	.33	.27	.22	.32	.26	.22	.20



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Near
Test Date:2017-12-26

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.354
Humidity:65.0%
Test Distance:2.686m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

WEC AND CCEC

Test:U:5.820V I:0.5427A P:3.159W PF:1.000 Freq:0Hz Lamp Flux:260.333x1 lm		
NAME: 1	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coeffcients(WEC)									
0.0																
1.0	.362	.206	.065	.352	.201	.064	.334	.192	.061	.318	.183	.059	.303	.175	.057	
2.0	.320	.176	.054	.312	.172	.053	.296	.164	.051	.281	.158	.049	.267	.151	.048	
3.0	.288	.153	.046	.280	.150	.045	.266	.144	.044	.253	.138	.042	.240	.133	.041	
4.0	.261	.136	.040	.254	.133	.039	.241	.128	.038	.230	.123	.037	.218	.119	.036	
5.0	.239	.122	.035	.233	.119	.035	.221	.115	.034	.210	.111	.033	.200	.107	.032	
6.0	.220	.110	.032	.214	.108	.031	.204	.104	.030	.194	.101	.030	.185	.097	.029	
7.0	.203	.100	.028	.198	.099	.028	.189	.095	.027	.180	.092	.027	.172	.089	.026	
8.0	.189	.092	.026	.184	.091	.026	.176	.088	.025	.168	.085	.025	.160	.082	.024	
9.0	.176	.085	.024	.172	.084	.024	.165	.081	.023	.157	.079	.023	.150	.076	.022	
10.0	.165	.079	.022	.162	.078	.022	.154	.076	.021	.148	.073	.021	.141	.071	.020	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.249	.249	.249	.213	.213	.213	.145	.145	.145	.084	.084	.084	.027	.027	.027	
1.0	.243	.215	.190	.208	.185	.163	.142	.127	.113	.082	.073	.066	.026	.024	.021	
2.0	.236	.192	.154	.202	.165	.133	.138	.114	.093	.080	.066	.055	.026	.021	.018	
3.0	.228	.174	.132	.195	.151	.114	.134	.105	.080	.078	.061	.047	.025	.020	.015	
4.0	.220	.162	.117	.189	.140	.102	.130	.097	.071	.075	.057	.042	.024	.019	.014	
5.0	.212	.151	.106	.182	.131	.093	.126	.092	.065	.073	.054	.039	.023	.018	.013	
6.0	.205	.143	.099	.176	.124	.086	.122	.087	.061	.071	.051	.036	.023	.017	.012	
7.0	.198	.137	.093	.170	.118	.081	.118	.083	.058	.068	.049	.034	.022	.016	.011	
8.0	.191	.131	.089	.165	.113	.078	.114	.080	.055	.066	.047	.033	.021	.015	.011	
9.0	.185	.126	.086	.159	.109	.075	.110	.077	.053	.064	.045	.032	.021	.015	.011	
10.0	.179	.122	.083	.154	.106	.073	.107	.074	.052	.063	.044	.031	.020	.014	.010	

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Near
Test Date:2017-12-26

Checker: Near Gao

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.354
Humidity:65.0%
Test Distance:2.686m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Assessor: Akin Xu

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UGR(Unified Glare Rating) Table

Test:U:5.820V I:0.5427A P:3.159W PF:1.000 Freq:0Hz Lamp Flux:260.333x1 lm		
NAME: 1	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	21.0	22.4	21.3	22.8	23.1	21.0	22.4	21.3	22.8	23.2
	3H	22.8	24.2	23.2	24.6	25.0	22.8	24.2	23.2	24.6	25.0
	4H	23.8	25.1	24.2	25.5	25.9	23.8	25.1	24.2	25.5	25.9
	6H	24.8	26.0	25.2	26.4	26.9	24.8	26.0	25.2	26.4	26.9
	8H	25.3	26.5	25.8	26.9	27.4	25.3	26.5	25.8	26.9	27.4
	12H	25.9	27.0	26.4	27.5	28.0	25.9	27.0	26.4	27.5	27.9
4H	2H	21.6	22.9	22.0	23.3	23.7	21.6	22.9	22.0	23.3	23.7
	3H	23.7	24.8	24.2	25.3	25.7	23.7	24.9	24.2	25.3	25.8
	4H	24.8	25.9	25.3	26.3	26.8	24.8	25.9	25.3	26.3	26.8
	6H	26.0	26.9	26.5	27.4	28.0	26.0	26.9	26.5	27.4	28.0
	8H	26.6	27.5	27.2	28.0	28.6	26.6	27.5	27.2	28.0	28.6
	12H	27.4	28.2	27.9	28.7	29.3	27.3	28.1	27.9	28.7	29.2
8H	4H	25.3	26.1	25.8	26.6	27.2	25.3	26.1	25.8	26.6	27.2
	6H	26.7	27.4	27.3	28.0	28.6	26.7	27.4	27.2	28.0	28.6
	8H	27.5	28.2	28.1	28.7	29.3	27.5	28.2	28.1	28.7	29.3
	12H	28.4	29.0	29.0	29.6	30.2	28.4	29.0	29.0	29.6	30.2
12H	4H	25.3	26.1	25.9	26.7	27.2	25.3	26.2	25.9	26.7	27.2
	6H	26.9	27.5	27.5	28.1	28.7	26.9	27.5	27.4	28.1	28.7
	8H	27.8	28.4	28.4	28.9	29.6	27.8	28.4	28.4	28.9	29.6

Variations with the observer position at spacings:		
S = 1.0H	+ 0.1 / - 0.1	+ 0.1 / - 0.1
1.5H	+ 0.2 / - 0.3	+ 0.2 / - 0.3
2.0H	+ 0.2 / - 0.3	+ 0.2 / - 0.3

CIE Pub.117, 260.3 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -4.7)

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Near
Test Date:2017-12-26

Checker: Near Gao

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.354
Humidity:65.0%
Test Distance:2.686m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Assessor: Akin Xu

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UTILIZATION FACTORS TABLE

Test:U:5.820V I:0.5427A P:3.159W PF:1.000 Freq:0Hz Lamp Flux:260.333x1 lm		
NAME: 1	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	53	41	34	52	40	33	50	40	33	27
0.80	62	50	42	61	49	42	59	48	41	34
1.00	70	58	50	69	57	50	66	59	49	41
1.25	77	66	58	75	65	57	72	63	56	47
1.50	82	71	63	80	70	62	76	68	61	52
2.00	89	79	72	87	78	71	82	75	69	59
2.50	93	84	77	91	82	76	86	79	73	63
3.00	97	89	82	94	87	81	89	83	78	67
4.00	101	94	89	98	92	87	93	88	83	72
5.00	104	98	93	101	95	91	95	91	87	75
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended					SHRNOM = 1.25	

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Near
Test Date:2017-12-26

Checker: Near Gao

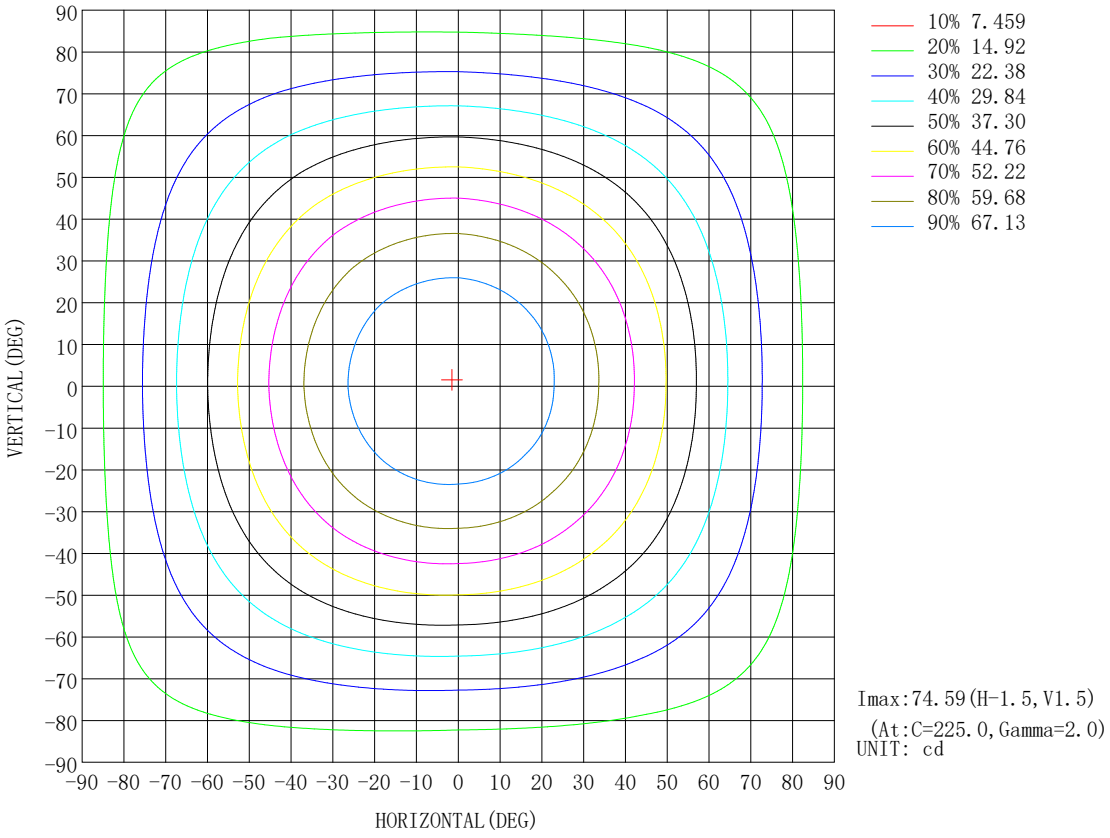
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Humidity:65.0%
Test Distance:2.686m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Assessor: Akin Xu

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ISOCANDELA DIAGRAM

Test:U:5.820V I:0.5427A P:3.159W PF:1.000 Freq:0Hz Lamp Flux:260.333x1 lm		
NAME: 1	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
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γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.354
Humidity:65.0%
Test Distance:2.686m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

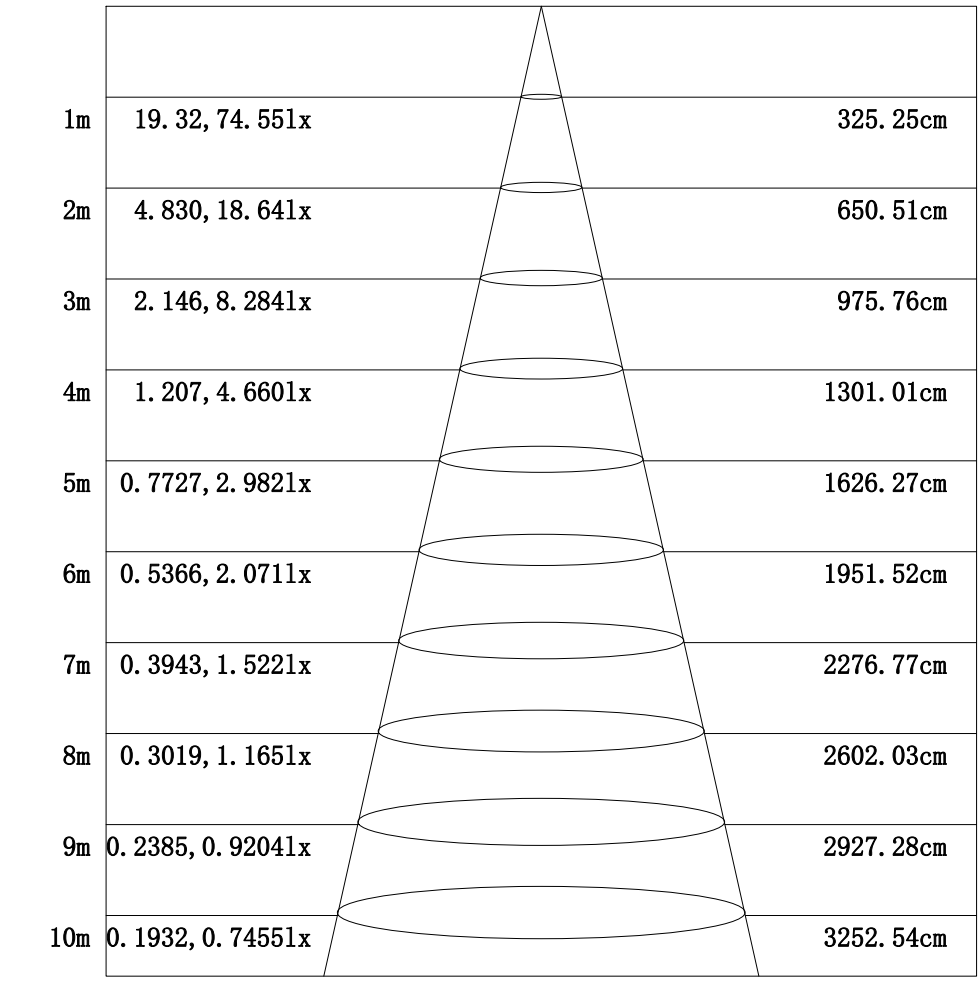
Assessor: Akin Xu

HAVIT COMMERCIAL
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AAI Figure

Test:U:5.820V I:0.5427A P:3.159W PF:1.000 Freq:0Hz Lamp Flux:260.333x1 lm		
NAME: 1	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Flux out:168.1 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: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Near
Test Date:2017-12-26

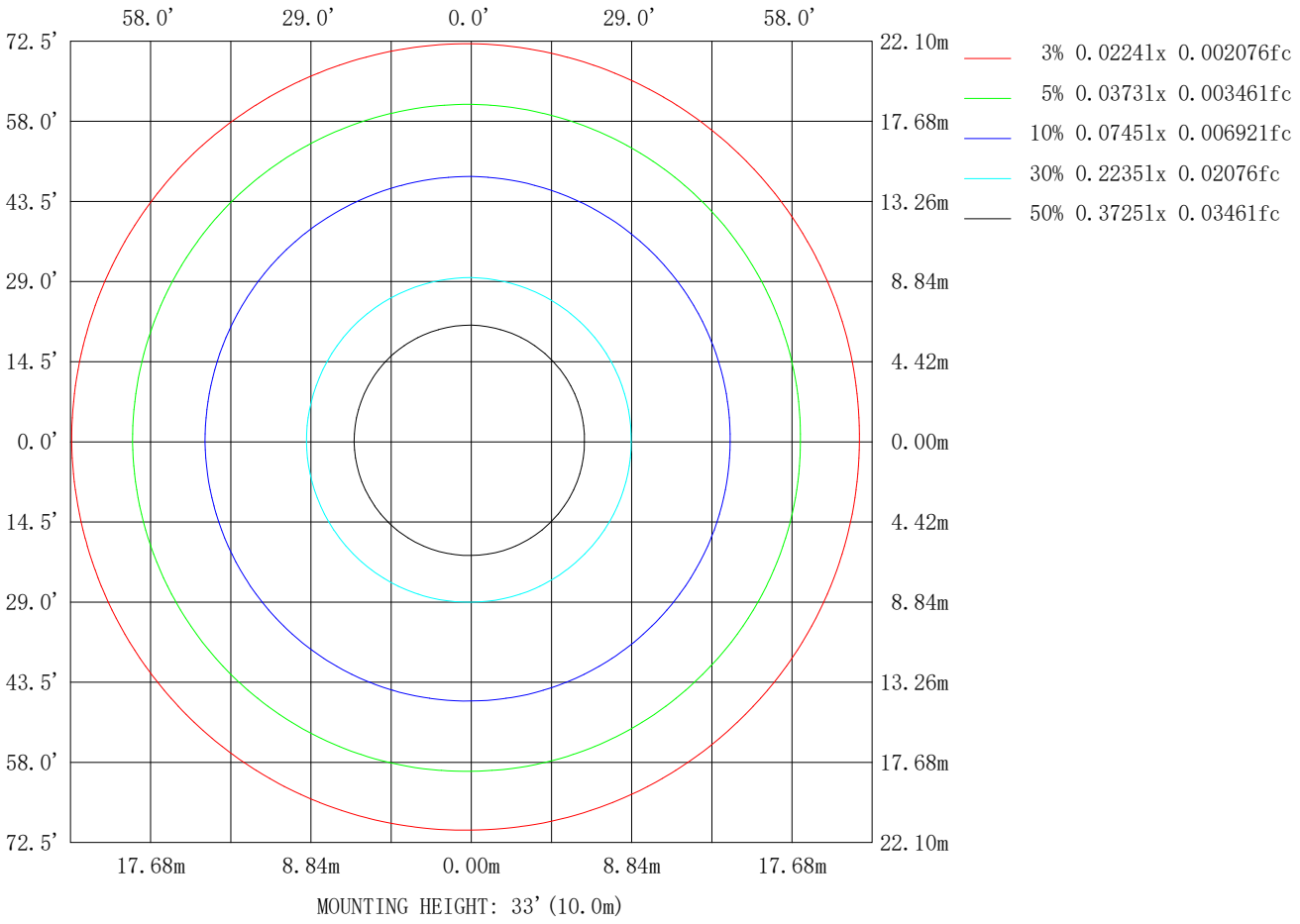
Checker: Near Gao

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.354
Humidity:65.0%
Test Distance:2.686m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Assessor: Akin Xu

ISOLUX DIAGRAM

Test:U:5.820V I:0.5427A P:3.159W PF:1.000 Freq:0Hz Lamp Flux:260.333x1 lm		
NAME: 1	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Near
Test Date:2017-12-26

Checker: Near Gao

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.354
Humidity:65.0%
Test Distance:2.686m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Assessor: Akin Xu

LED Avg.L Report

Test:U:5.820V I:0.5427A P:3.159W PF:1.000 Freq:0Hz Lamp Flux:260.333x1 lm		
NAME: 1	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

AvgL	cd/m2
L_0~180(65)av	3484
L_0~180(75)av	4009
L_0~180(85)av	7709
L_90~270(65)av	3470
L_90~270(75)av	3981
L_90~270(85)av	7621
L_45(65)av	3476
L_45(75)av	3996
L_45(85)av	7690

Standard: GB/T 29293-2012

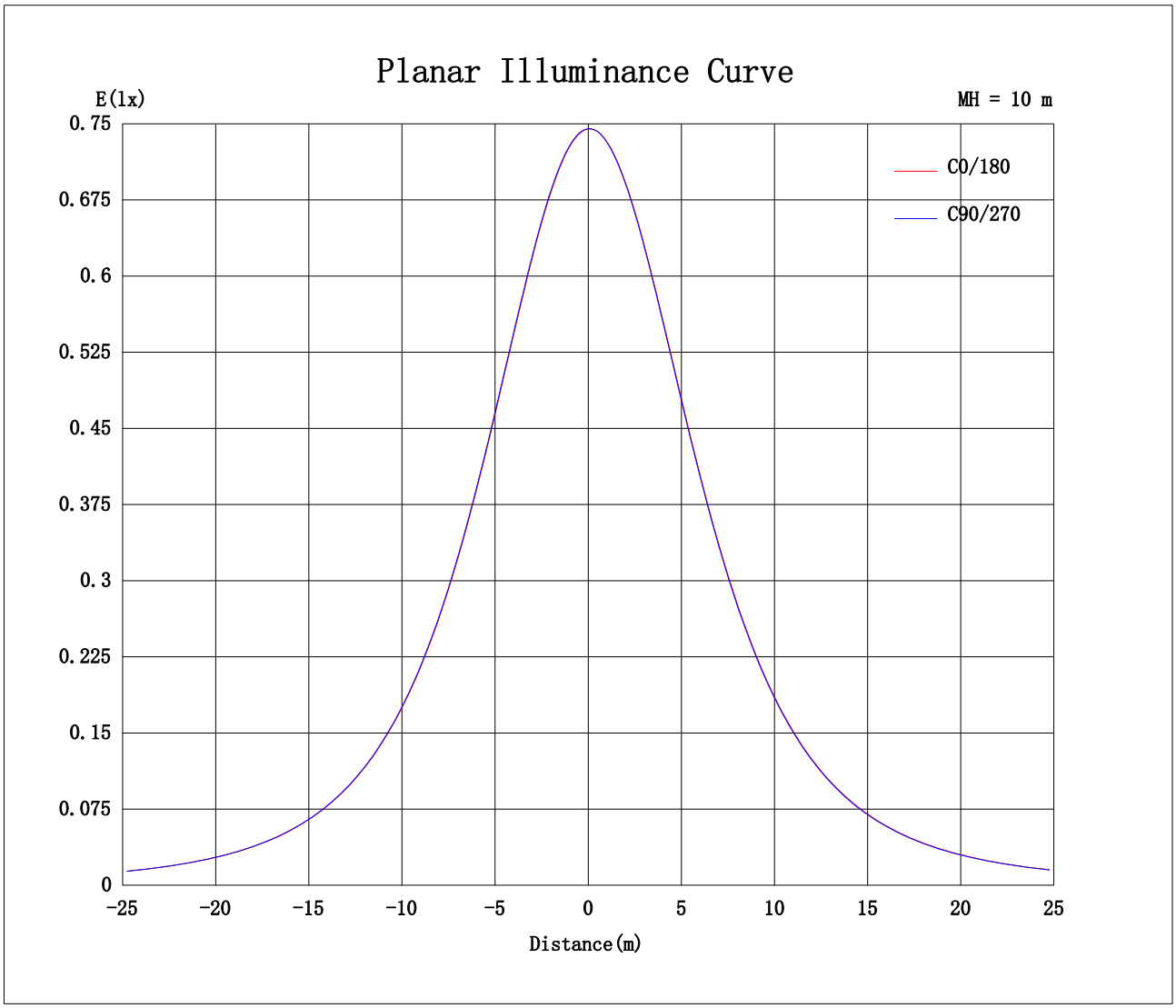
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Near
Test Date:2017-12-26

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.354
Humidity:65.0%
Test Distance:2.686m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Near
Test Date:2017-12-26

Checker: Near Gao

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.354
Humidity:65.0%
Test Distance:2.686m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Assessor: Akin Xu

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:5.820V I:0.5427A P:3.159W PF:1.000 Freq:0Hz Lamp Flux:260.333x1 lm		
NAME: 1	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--1 UNIT: cd

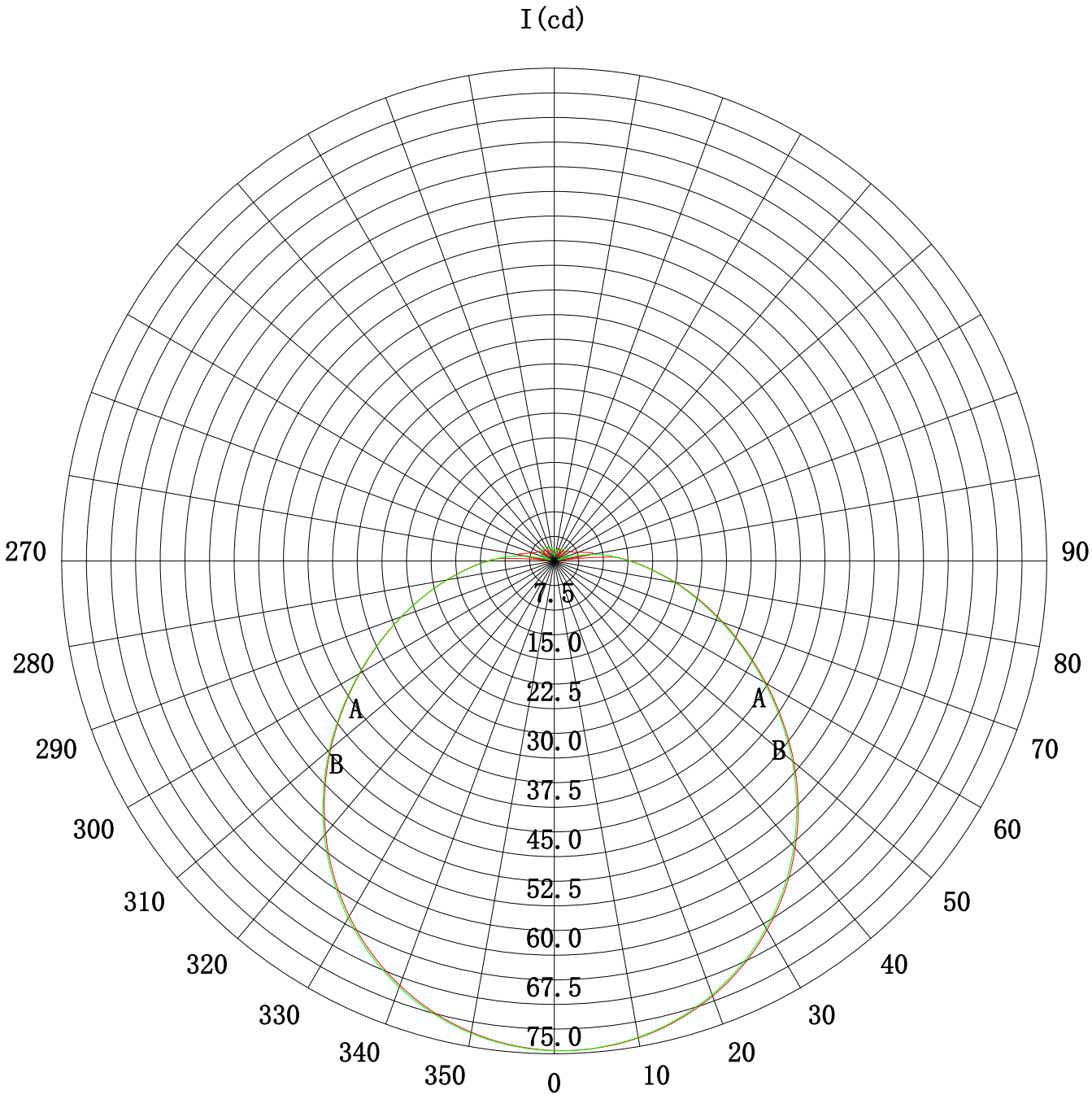
γ (DEG) \ C(DEG)	0	45	90	135	180	225	270	315
0	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
5	74.0	74.0	74.1	74.3	74.4	74.5	74.4	74.2
10	72.9	72.8	73.0	73.4	73.7	73.8	73.6	73.2
15	71.1	71.0	71.3	72.0	72.4	72.5	72.2	71.6
20	68.8	68.7	69.0	69.9	70.5	70.6	70.2	69.4
25	65.9	65.7	66.2	67.2	68.0	68.1	67.7	66.7
30	62.5	62.3	62.7	63.9	64.9	65.0	64.6	63.4
35	58.6	58.4	58.9	60.1	61.2	61.4	60.9	59.6
40	54.2	54.0	54.5	55.9	57.1	57.3	56.8	55.3
45	49.5	49.2	49.7	51.2	52.6	52.8	52.2	50.7
50	44.5	44.2	44.7	46.3	47.6	47.9	47.3	45.7
55	39.3	39.0	39.5	41.1	42.5	42.7	42.1	40.6
60	34.2	33.9	34.4	35.9	37.3	37.5	36.9	35.5
65	29.3	29.0	29.4	30.9	32.2	32.4	31.9	30.5
70	24.8	24.4	24.8	26.2	27.4	27.6	27.1	25.9
75	20.5	20.2	20.5	21.7	22.9	23.0	22.6	21.5
80	16.6	16.3	16.6	17.7	18.7	18.8	18.5	17.6
85	13.2	12.8	13.0	14.1	14.9	15.1	14.7	14.1
90	10.2	9.85	10.0	10.9	11.6	11.7	11.5	10.9
95	3.60	5.96	7.47	7.73	6.63	8.51	8.73	8.18
100	5.70	1.48	3.91	1.97	4.56	2.91	6.01	2.61
105	4.53	2.90	0.97	2.26	5.07	2.32	2.01	2.41
110	3.60	2.93	1.01	3.19	3.92	3.27	0.67	3.26
115	3.07	2.55	2.10	2.67	3.22	2.64	1.85	2.67
120	2.82	2.48	2.29	2.52	2.88	2.42	2.20	2.48
125	2.01	2.48	2.31	2.49	2.68	2.39	2.16	2.46
130	2.26	2.51	2.34	2.48	2.15	2.39	2.16	2.46
135	2.16	2.52	2.38	2.46	2.05	2.39	2.17	2.45
140	2.18	2.38	2.42	2.38	2.08	2.30	2.18	2.27
145	1.18	2.25	2.47	2.20	0.97	2.05	2.19	2.04
150	2.31	2.22	2.47	2.14	2.04	2.01	2.20	1.88
155	2.28	2.07	2.22	1.79	1.87	1.88	1.90	1.83
160	2.06	2.04	2.11	1.90	1.58	1.80	1.73	1.89
165	1.68	2.17	1.92	2.11	2.01	1.79	1.60	1.87
170	1.43	1.43	2.14	0.95	1.52	0.94	1.80	1.32
175	1.50	1.48	1.06	1.12	1.38	0.98	0.91	1.09
180	0.92	0.90	1.13	0.99	0.92	0.90	1.13	0.99

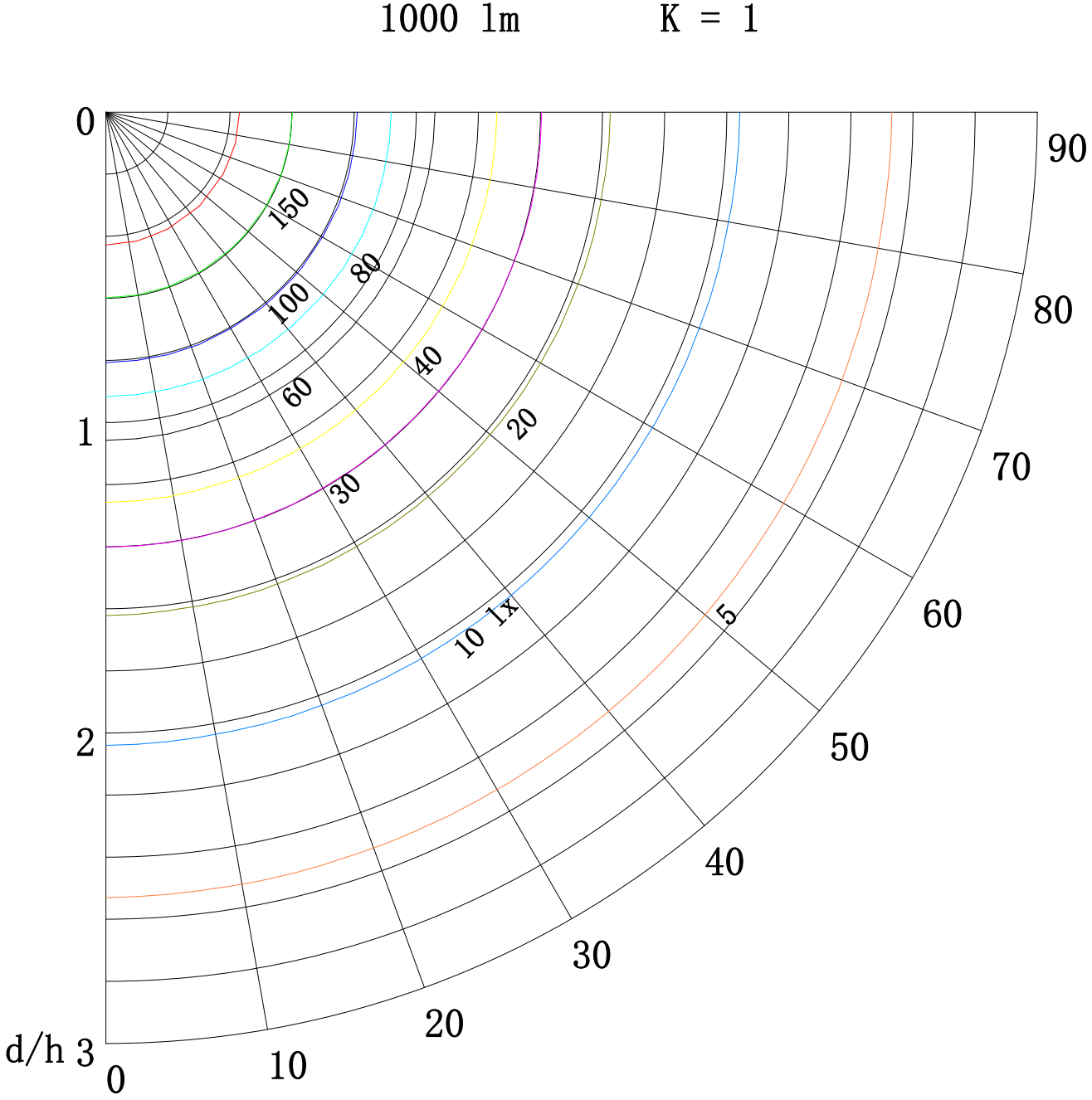
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Near
Test Date:2017-12-26

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.354
Humidity:65.0%
Test Distance:2.686m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu


I(cd)
90
80
70
60
50
40
30
20
10
0
350
340
330
320
310
300
290
280
270
7.5
15.0
22.5
30.0
37.5
45.0
52.5
60.0
67.5
75.0
A
B
A
B


1000 lm
K = 1
0
1
2
3
d/h
0
10
20
30
40
50
60
70
80
90
150
100
80
60
40
30
20
10 lx
5

F = 1000 lm
K = 0.7
Hcc = 0.8 m
Hfc = 0.0 m
Eave = 100 lx

	Pcc	Pw	Pfc
———	70	50	30
———	50	30	20

