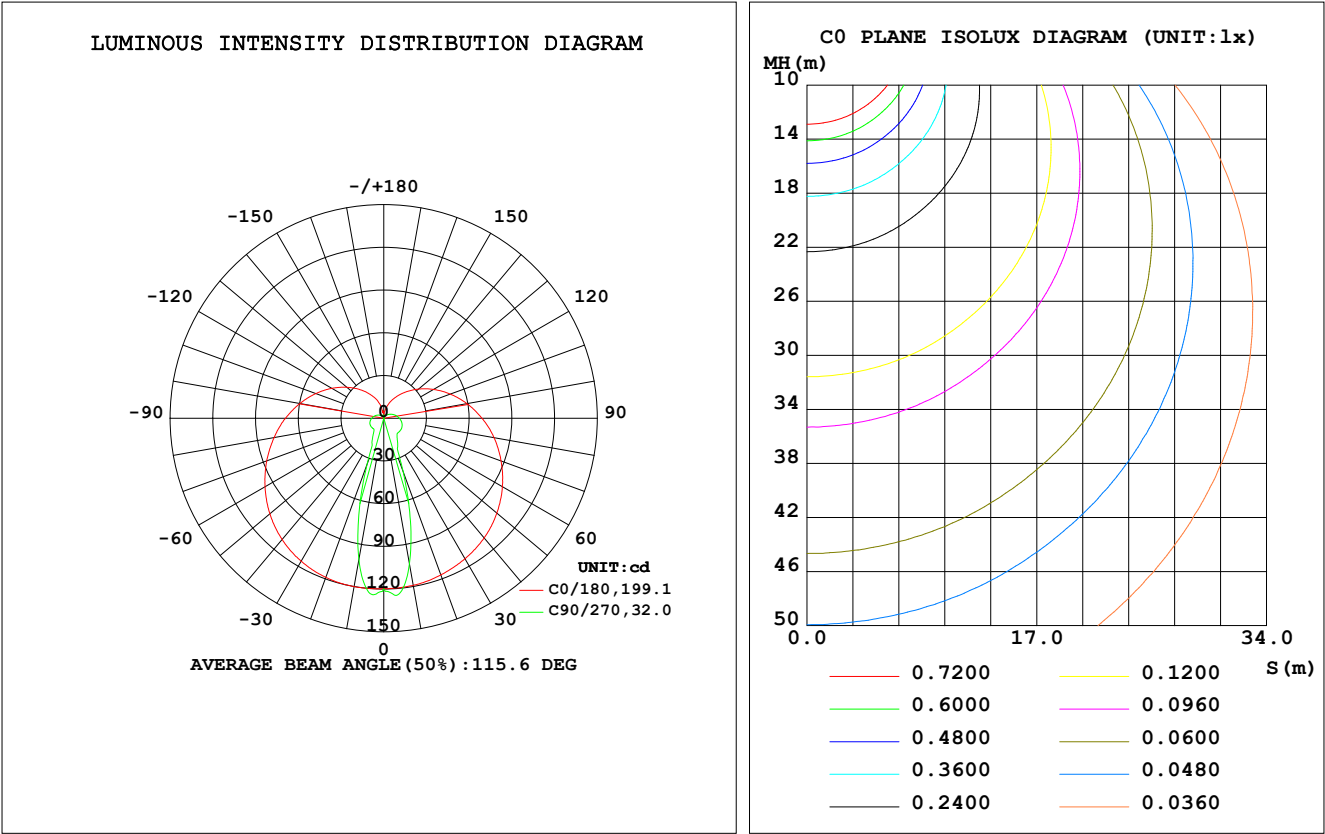


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.14V I:0.0410A P:8.5606W PF:0.9073 Freq:50.00Hz		
Lamp Flux:296.307x1 lm		
NAME: LED Light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Ross Gardam	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
Model: Eae Pendant-Black glass		Eff: 34.61 lm/W			
NOMINAL POWER(W)	8.5	Imax(cd)	124.7	S/MH(C0/180)	1.46
RATED VOLTAGE(V)	230	LOR(%)	100.0	S/MH(C90/270)	0.51
NOMINAL FLUX(lm)	296.307	TOTAL FLUX(lm)	296.31	η UP,DN(C0-180)	13.3,38.9
LAMPS INSIDE	1	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	12.0,35.9
TEST VOLTAGE(V)	230	η up(%)	25.2	CIBSE SHR NOM	0.50
		η down(%)	74.8	CIBSE SHR MAX	0.65



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:Wilson
Test Date:2022-12-02

Checker: Near Gao

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.444
Humidity:60.5%
Test Distance:2.617m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Assessor: Akin Xu



ROSS GARDAM

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	119.1	114.8	103.9	116.7	120.1	114.5	100.9	114.2	0- 10	11.34	11.34	3.83,3.83
20	117.1	75.36	39.79	76.25	118.9	74.42	34.25	71.56	10- 20	26.68	38.02	12.8,12.8
30	114.0	34.32	19.52	33.88	116.0	31.45	15.76	28.92	20- 30	28.60	66.62	22.5,22.5
40	109.8	20.45	14.61	19.99	111.0	17.22	10.72	16.98	30- 40	28.32	94.94	32,32
50	103.7	16.26	14.47	15.73	104.3	12.65	10.60	12.38	40- 50	28.36	123.3	41.6,41.6
60	96.25	13.31	14.45	12.69	96.35	9.516	10.71	9.695	50- 60	27.39	150.7	50.9,50.9
70	87.72	11.44	13.78	11.05	87.42	7.842	10.42	8.436	60- 70	25.73	176.4	59.5,59.5
80	78.68	10.22	12.59	9.927	78.13	6.999	9.597	7.791	70- 80	23.72	200.1	67.5,67.5
90	68.95	8.944	11.00	8.699	69.09	6.190	8.513	7.002	80- 90	21.39	221.5	74.8,74.8
100	59.39	7.671	9.315	7.463	59.86	5.370	7.284	6.157	90-100	18.68	240.2	81.1,81.1
110	49.73	6.337	7.529	6.287	50.79	4.588	5.925	5.200	100-110	15.78	256.0	86.4,86.4
120	40.57	5.353	5.791	5.427	42.09	4.055	4.559	4.373	110-120	12.84	268.8	90.7,90.7
130	31.94	4.705	4.205	4.854	33.88	3.806	3.296	3.860	120-130	10.02	278.9	94.1,94.1
140	24.20	4.284	2.874	4.622	26.39	3.895	2.258	3.717	130-140	7.422	286.3	96.6,96.6
150	17.35	4.152	1.884	4.484	19.49	3.398	1.684	3.164	140-150	5.080	291.4	98.3,98.3
160	11.36	5.525	1.170	5.997	13.39	5.085	0.9074	4.290	150-160	3.114	294.5	99.4,99.4
170	5.914	4.417	2.073	3.310	3.785	5.417	2.395	3.866	160-170	1.525	296.0	99.9,99.9
180	0.1345	0.1345	0.1345	0.1345	0.1341	0.1341	0.1341	0.1341	170-180	0.3052	296.3	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 109.18 lm

%lum = 36.8%
%lamp = 36.8%

Conical surface Flux(120deg): 150.69 lm

%lum = 50.9%
%lamp = 50.9%

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:Wilson
Test Date:2022-12-02

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.444
Humidity:60.5%
Test Distance:2.617m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

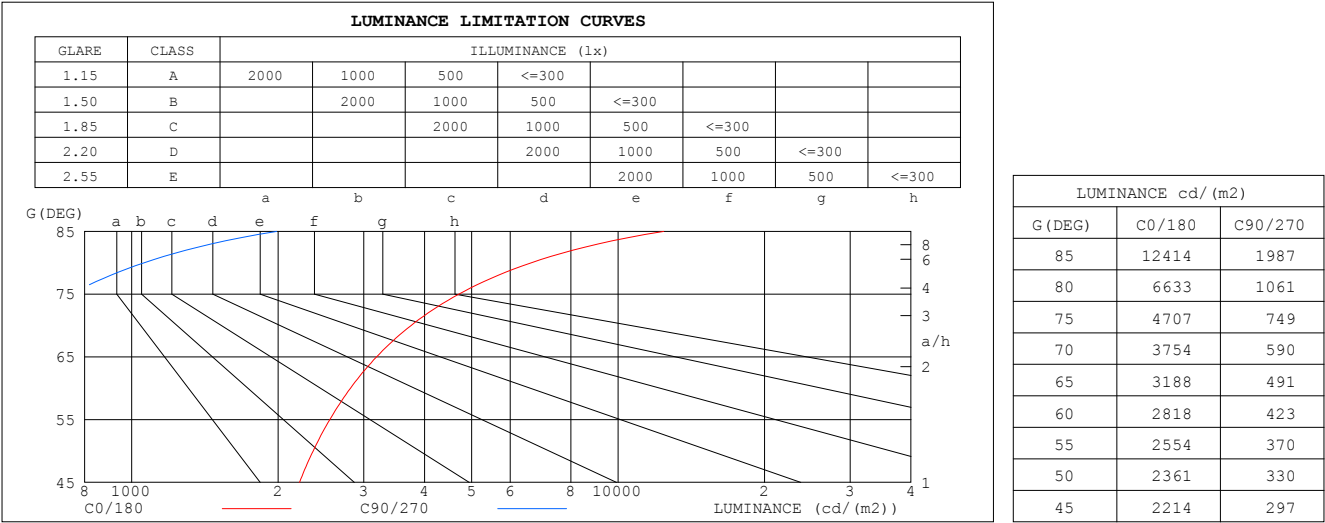
Assessor: Akin Xu



ROSS GARDAM

LUMINANCE LIMITATION CURVES

Test:U:230.14V I:0.0410A P:8.5606W PF:0.9073 Freq:50.00Hz Lamp Flux:296.307x1 lm		
NAME: LED Light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Ross Gardam	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:Wilson
Test Date:2022-12-02

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.444
Humidity:60.5%
Test Distance:2.617m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao
Assessor: Akin Xu

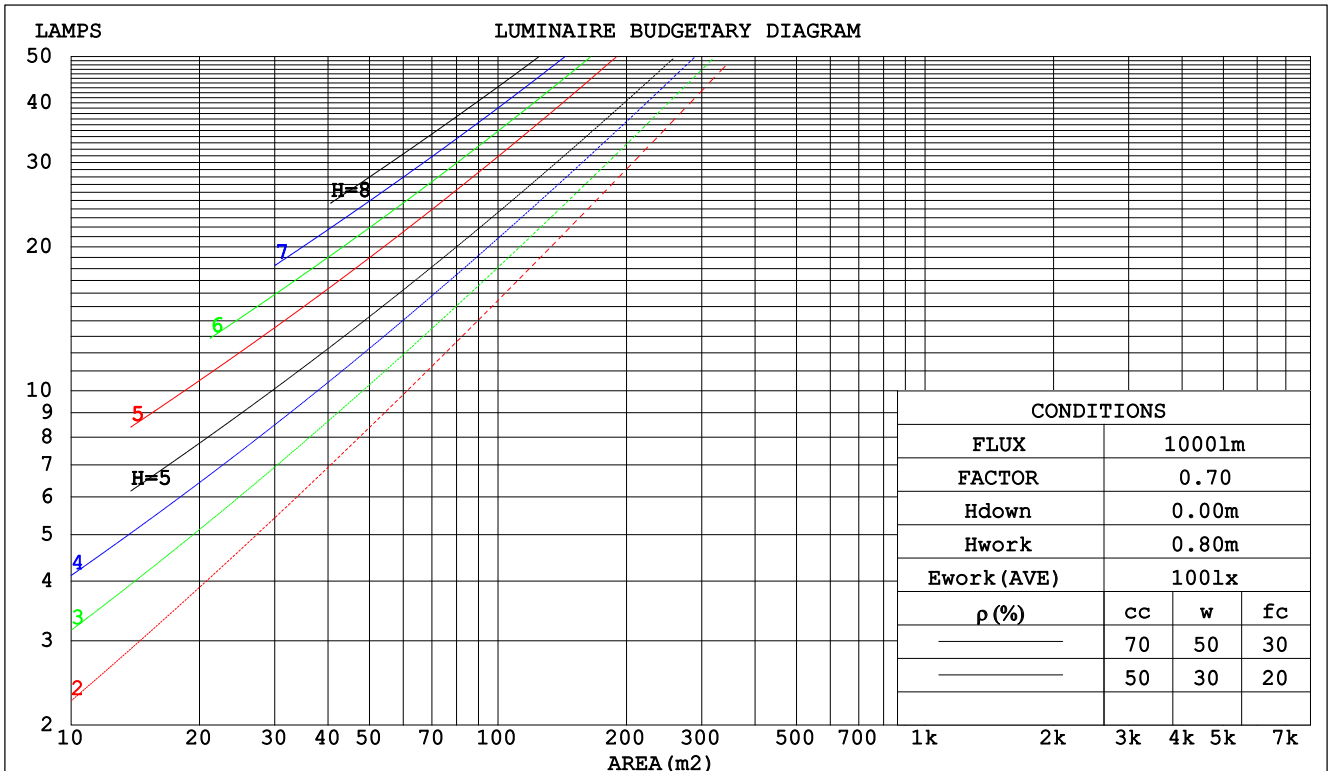


ROSS GARDAM

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.14V I:0.0410A P:8.5606W PF:0.9073 Freq:50.00Hz		
Lamp Flux:296.307x1 lm		
NAME: LED Light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Ross Gardam	SUR.:	Shielding Angle:

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	1.13	1.13	1.13	1.07	1.07	1.07	.97	.97	.97	.88	.88	.88	.79	.79	.79	.75
1.0	.95	.90	.85	.90	.86	.82	.81	.78	.75	.73	.70	.68	.66	.63	.61	.58
2.0	.82	.75	.69	.78	.72	.66	.71	.65	.61	.64	.59	.56	.57	.54	.51	.47
3.0	.72	.64	.57	.69	.61	.55	.62	.56	.51	.56	.51	.47	.50	.46	.43	.40
4.0	.64	.55	.49	.61	.53	.47	.56	.49	.44	.50	.45	.40	.45	.41	.37	.34
5.0	.58	.49	.42	.55	.47	.41	.50	.43	.38	.46	.40	.35	.41	.37	.33	.30
6.0	.52	.43	.37	.50	.42	.36	.46	.39	.34	.42	.36	.32	.38	.33	.29	.27
7.0	.48	.39	.33	.46	.38	.32	.42	.35	.30	.38	.33	.28	.35	.30	.26	.24
8.0	.44	.35	.30	.42	.34	.29	.39	.32	.27	.35	.30	.26	.32	.28	.24	.22
9.0	.40	.32	.27	.39	.31	.26	.36	.29	.25	.33	.27	.24	.30	.26	.22	.20
10.0	.37	.30	.25	.36	.29	.24	.33	.27	.23	.31	.25	.22	.28	.24	.20	.19



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.1DEG
 Operators: Wilson
 Test Date: 2022-12-02

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.444
 Humidity: 60.5%
 Test Distance: 2.617m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu



ROSS GARDAM

WEC AND CCEC

Test:U:230.14V I:0.0410A P:8.5606W PF:0.9073 Freq:50.00Hz Lamp Flux:296.307x1 lm		
NAME: LED Light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Ross Gardam	SUR.:	Shielding Angle:

pcc	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 Coefficients(WEC)									
0.0																
1.0	.362	.206	.065	.348	.198	.063	.320	.183	.059	.294	.170	.054	.271	.157	.051	
2.0	.311	.171	.052	.298	.164	.051	.273	.152	.047	.249	.140	.044	.228	.129	.041	
3.0	.276	.147	.044	.264	.141	.043	.241	.131	.040	.220	.120	.037	.200	.111	.034	
4.0	.248	.129	.038	.237	.124	.037	.217	.115	.034	.197	.106	.032	.180	.098	.030	
5.0	.226	.115	.033	.216	.111	.032	.197	.103	.030	.180	.095	.028	.163	.087	.026	
6.0	.207	.104	.030	.198	.100	.029	.181	.093	.027	.165	.086	.025	.150	.079	.023	
7.0	.192	.095	.027	.183	.091	.026	.167	.085	.024	.153	.078	.023	.139	.072	.021	
8.0	.178	.087	.024	.170	.084	.024	.156	.078	.022	.142	.072	.021	.129	.066	.019	
9.0	.166	.080	.022	.159	.078	.022	.146	.072	.020	.133	.067	.019	.121	.061	.018	
10.0	.156	.075	.021	.149	.072	.020	.137	.067	.019	.125	.062	.018	.114	.057	.016	

pcc	80%			70%			50%			30%			10%			0
p _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
p _{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.383	.383	.383	.327	.327	.327	.223	.223	.223	.128	.128	.128	.041	.041	.041	
1.0	.378	.350	.324	.323	.300	.279	.221	.206	.193	.127	.119	.112	.041	.038	.036	
2.0	.370	.327	.291	.317	.281	.251	.217	.195	.175	.125	.113	.103	.040	.037	.033	
3.0	.362	.311	.270	.310	.268	.234	.213	.186	.164	.123	.109	.097	.040	.035	.032	
4.0	.354	.298	.256	.304	.258	.222	.209	.179	.156	.121	.105	.092	.039	.034	.030	
5.0	.346	.288	.246	.297	.249	.214	.205	.174	.151	.119	.102	.089	.038	.033	.029	
6.0	.338	.280	.238	.291	.243	.208	.201	.170	.147	.116	.100	.087	.038	.033	.029	
7.0	.332	.274	.233	.285	.237	.203	.197	.166	.144	.114	.098	.086	.037	.032	.028	
8.0	.325	.268	.229	.280	.233	.200	.194	.163	.142	.113	.096	.084	.036	.032	.028	
9.0	.319	.263	.226	.275	.229	.197	.190	.161	.140	.111	.095	.083	.036	.031	.028	
10.0	.313	.259	.223	.270	.225	.195	.187	.158	.138	.109	.094	.083	.035	.031	.027	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:Wilson
Test Date:2022-12-02

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.444
Humidity:60.5%
Test Distance:2.617m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu



ROSS GARDAM

UGR(Unified Glare Rating) Table

Test:U:230.14V I:0.0410A P:8.5606W PF:0.9073 Freq:50.00Hz Lamp Flux:296.307x1 lm											
NAME: LED Light					TYPE:			WEIGHT:			
SPEC.:					DIM.:			SERIAL No.:			
MFR.: Ross Gardam					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	14.8	16.0	15.4	16.6	17.3	4.7	6.0	5.3	6.5	7.2	
	3H	18.1	19.2	18.8	19.9	20.6	7.7	8.8	8.3	9.4	10.1
	4H	20.1	21.1	20.7	21.8	22.5	9.4	10.4	10.0	11.1	11.8
	6H	22.3	23.3	23.0	24.0	24.7	11.2	12.2	11.9	12.8	13.6
	8H	23.5	24.5	24.2	25.2	25.9	12.2	13.2	12.9	13.8	14.6
	12H	24.9	25.9	25.6	26.5	27.3	13.4	14.3	14.0	15.0	15.8
4H	2H	14.5	15.5	15.1	16.2	16.9	6.3	7.3	6.9	8.0	8.7
	3H	17.9	18.8	18.6	19.5	20.3	8.9	9.9	9.6	10.5	11.3
	4H	20.0	20.8	20.7	21.6	22.4	10.6	11.5	11.3	12.2	13.0
	6H	22.5	23.2	23.2	24.0	24.8	12.6	13.3	13.3	14.1	14.9
	8H	23.9	24.6	24.7	25.4	26.3	13.7	14.4	14.4	15.1	16.0
	12H	25.6	26.3	26.4	27.1	28.0	14.9	15.6	15.7	16.3	17.2
8H	4H	19.9	20.6	20.6	21.3	22.2	11.5	12.2	12.2	12.9	13.8
	6H	22.4	23.0	23.2	23.8	24.7	13.5	14.1	14.3	14.9	15.8
	8H	24.0	24.5	24.8	25.3	26.3	14.8	15.3	15.6	16.1	17.0
	12H	25.9	26.4	26.7	27.2	28.2	16.2	16.7	17.0	17.5	18.5
12H	4H	19.8	20.4	20.6	21.2	22.1	12.0	12.6	12.7	13.4	14.3
	6H	22.4	22.9	23.2	23.7	24.6	14.0	14.5	14.7	15.3	16.2
	8H	24.0	24.4	24.8	25.2	26.2	15.2	15.7	16.0	16.5	17.5
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H	+ 0.3 / - 0.2					+ 0.1 / - 0.1					
1.5H	+ 0.7 / - 0.6					+ 0.2 / - 0.2					
2.0H	+ 1.1 / - 1.0					+ 0.3 / - 0.3					

CIE Pub.117, 296.3 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -4.2)
Area: 0.0683146 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:Wilson
Test Date:2022-12-02

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.444
Humidity:60.5%
Test Distance:2.617m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu



ROSS GARDAM

UTILIZATION FACTORS TABLE

Test:U:230.14V I:0.0410A P:8.5606W PF:0.9073 Freq:50.00Hz Lamp Flux:296.307x1 lm		
NAME: LED Light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Ross Gardam	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) $k(RI) \times RCR = 5$									
k = 0.60	50	38	31	48	37	31	46	36	30	24
0.80	58	46	39	57	45	38	53	43	37	29
1.00	66	53	45	63	52	45	59	52	43	34
1.25	72	60	52	69	58	51	64	55	49	39
1.50	77	65	57	74	63	56	68	59	53	42
2.00	84	73	65	80	70	63	73	66	60	47
2.50	88	78	70	84	75	68	77	70	64	50
3.00	91	82	75	87	79	73	80	73	68	53
4.00	96	88	82	91	84	79	83	78	73	57
5.00	99	92	86	94	88	83	85	81	76	59
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.1DEG
 Operators: Wilson
 Test Date: 2022-12-02

Checker: Near Gao

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.444
 Humidity: 60.5%
 Test Distance: 2.617m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

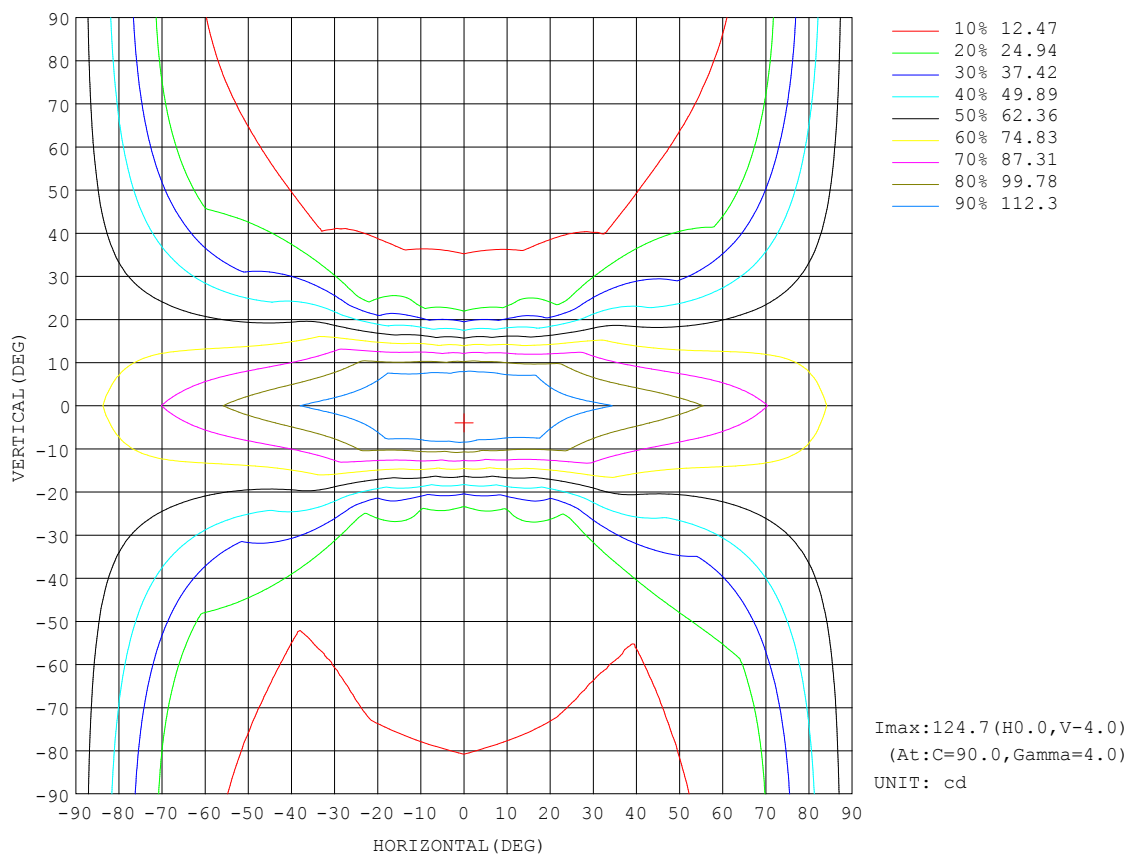
Assessor: Akin Xu



ROSS GARDAM

ISOCANDELA DIAGRAM

Test:U:230.14V I:0.0410A P:8.5606W PF:0.9073 Freq:50.00Hz		
Lamp Flux:296.307x1 lm		
NAME: LED Light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Ross Gardam	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:Wilson
Test Date:2022-12-02

Checker: Near Gao

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.444
Humidity:60.5%
Test Distance:2.617m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

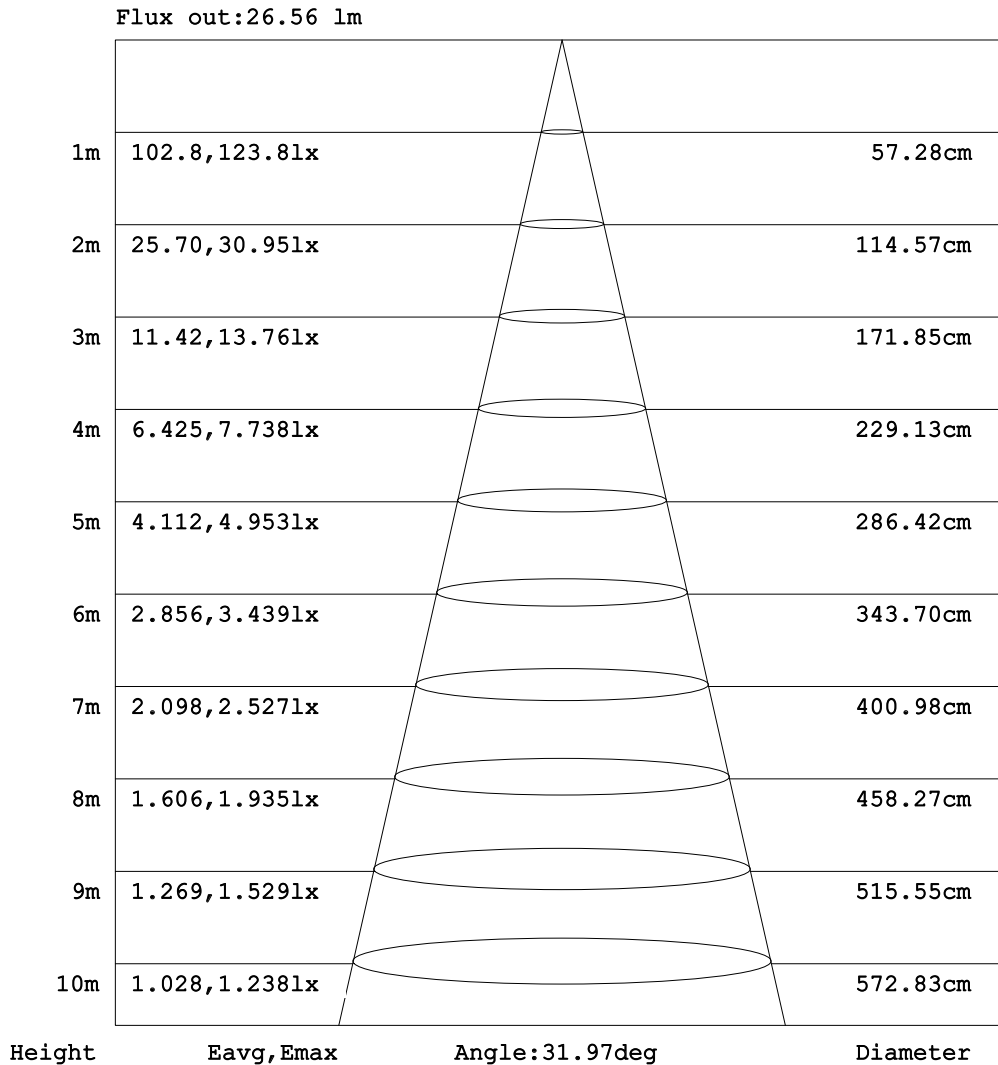
Assessor: Akin Xu



ROSS GARDAM

AAI Figure

Test:U:230.14V I:0.0410A P:8.5606W PF:0.9073 Freq:50.00Hz Lamp Flux:296.307x1 lm		
NAME: LED Light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Ross Gardam	SUR.:	Shielding Angle:



Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.1DEG
Operators: Wilson
Test Date: 2022-12-02

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.444
Humidity: 60.5%
Test Distance: 2.617m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

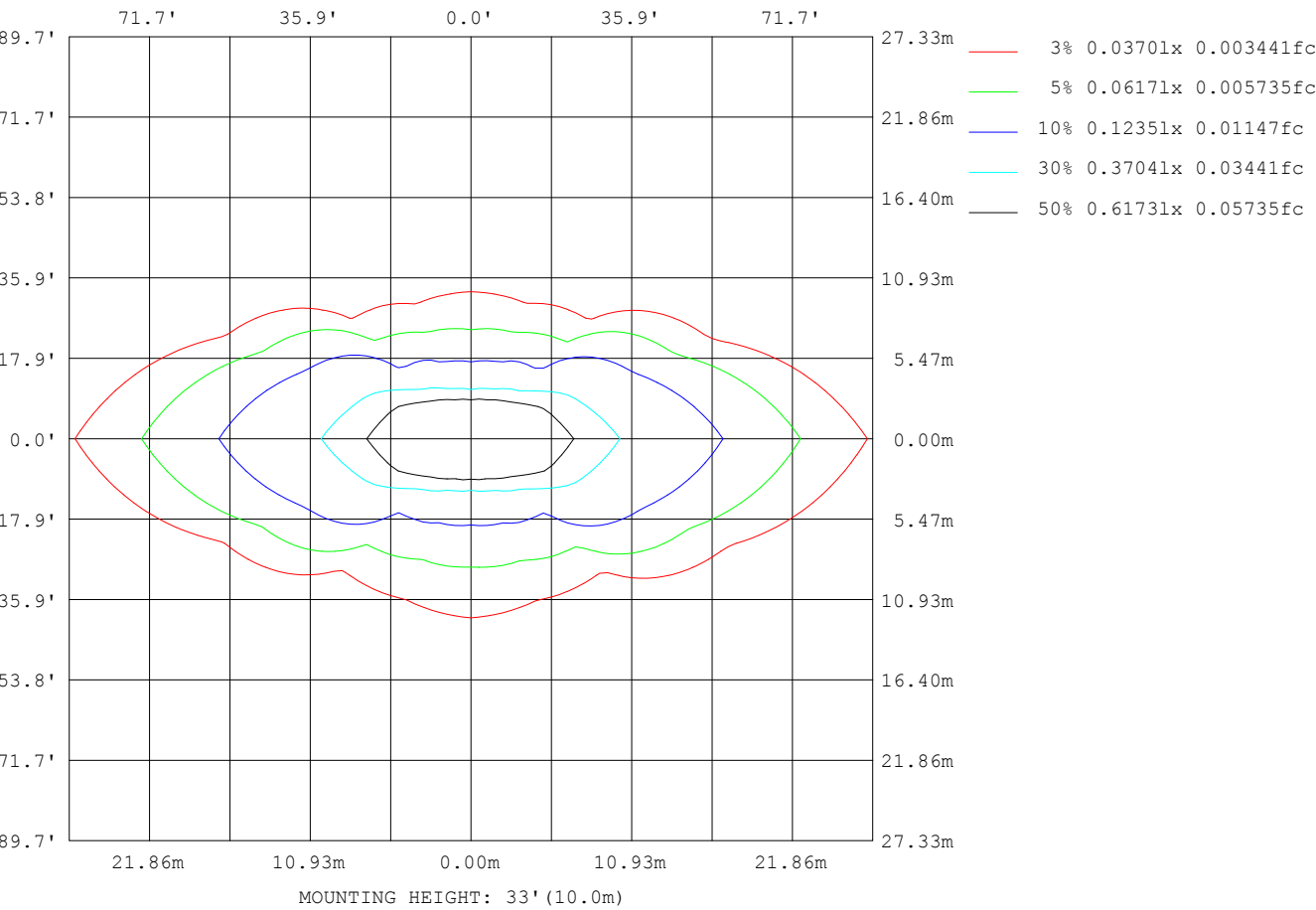
Assessor: Akin Xu



ROSS GARDAM

ISOLUX DIAGRAM

Test:U:230.14V I:0.0410A P:8.5606W PF:0.9073 Freq:50.00Hz Lamp Flux:296.307x1 lm		
NAME: LED Light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Ross Gardam	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:Wilson
Test Date:2022-12-02

Checker: Near Gao

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.444
Humidity:60.5%
Test Distance:2.617m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Assessor: Akin Xu



ROSS GARDAM

LED Avg.L Report

Test:U:230.14V I:0.0410A P:8.5606W PF:0.9073 Freq:50.00Hz Lamp Flux:296.307x1 lm		
NAME: LED Light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Ross Gardam	SUR.:	Shielding Angle:

AvgL	cd/m2
L_0~180 (65) av	3186
L_0~180 (75) av	4696
L_0~180 (85) av	12394
L_90~270 (65) av	430
L_90~270 (75) av	659
L_90~270 (85) av	1756
L_45 (65) av	359
L_45 (75) av	518
L_45 (85) av	1388

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:Wilson
Test Date:2022-12-02

Checker: Near Gao

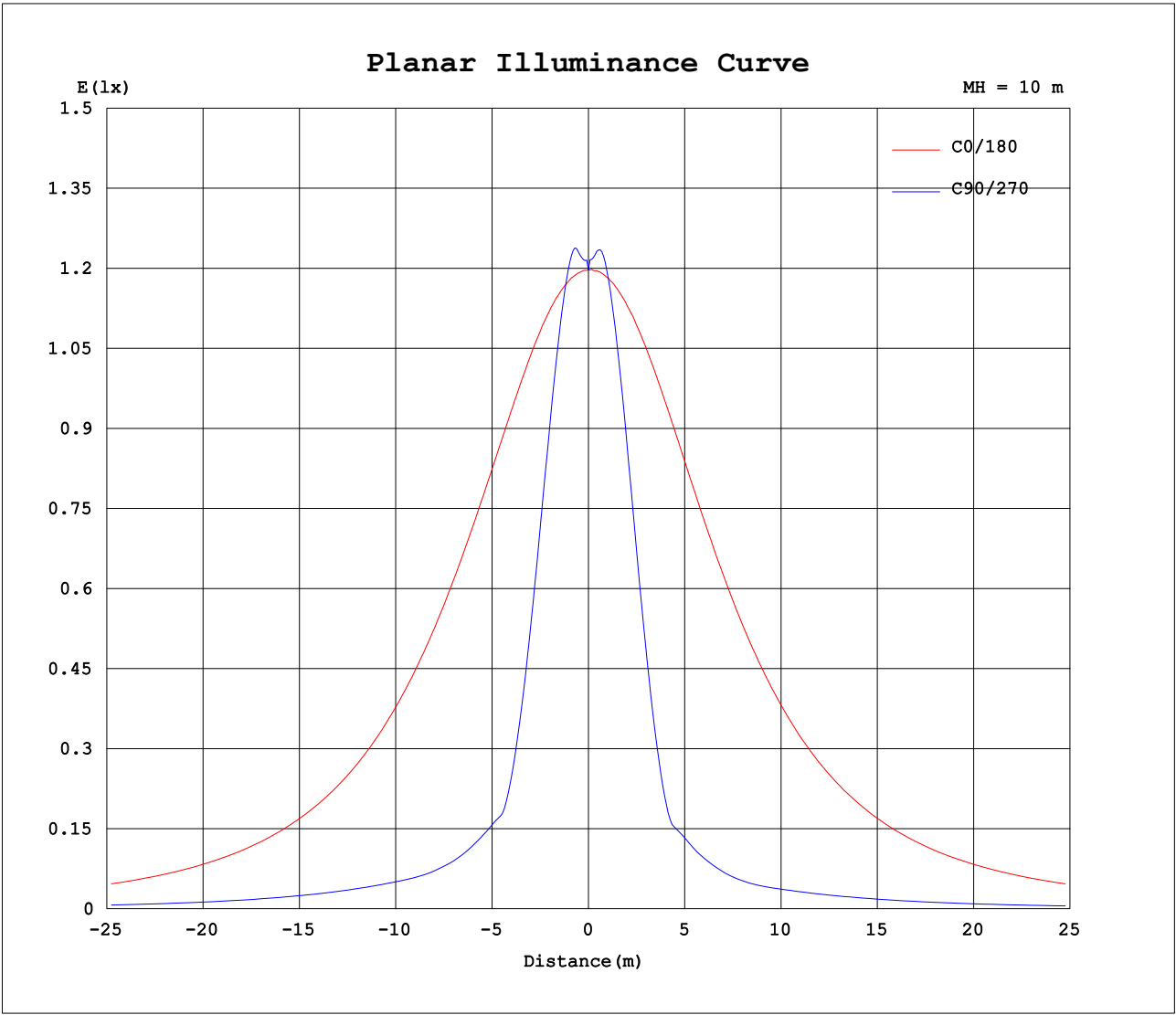
γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.444
Humidity:60.5%
Test Distance:2.617m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Assessor: Akin Xu



ROSS GARDAM

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:Wilson
Test Date:2022-12-02

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.444
Humidity:60.5%
Test Distance:2.617m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu



ROSS GARDAM

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.14V I:0.0410A P:8.5606W PF:0.9073 Freq:50.00Hz Lamp Flux:296.307x1 lm		
NAME: LED Light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Ross Gardam	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120			
5	120	120	122	122	124	124	124	121	120	120	122	121	122	123	123	121			
10	119	122	115	106	104	107	117	123	120	122	115	104	101	105	114	122			
15	118	118	97.3	77.9	71.6	78.4	99.1	119	120	118	97.1	75.1	66.8	75.5	95.3	117			
20	117	111	75.4	48.5	39.8	48.2	76.2	111	119	111	74.4	44.4	34.2	44.3	71.6	109			
25	116	101	53.2	26.4	22.9	26.1	53.4	102	118	101	51.2	22.5	19.6	23.3	48.2	98.2			
30	114	91.3	34.3	21.0	19.5	21.1	33.9	90.4	116	90.4	31.4	17.8	15.8	17.9	28.9	87.1			
35	112	80.7	22.4	17.8	16.3	17.6	22.3	79.1	114	79.0	19.4	14.2	12.6	14.1	19.2	75.6			
40	110	70.9	20.4	15.5	14.6	15.2	20.0	68.3	111	68.0	17.2	11.7	10.7	11.7	17.0	64.8			
45	107	61.4	18.3	14.2	14.3	13.9	17.7	58.3	108	57.8	14.8	10.2	10.5	10.3	14.4	54.7			
50	104	52.8	16.3	13.8	14.5	13.7	15.7	49.3	104	48.7	12.7	9.94	10.6	10.1	12.4	45.6			
55	100	45.2	14.5	13.7	14.5	13.5	13.9	41.5	101	40.8	10.8	9.84	10.7	10.1	10.8	37.8			
60	96.3	38.9	13.3	13.5	14.4	13.3	12.7	35.0	96.3	34.2	9.52	9.69	10.7	10.0	9.69	31.4			
65	92.1	33.6	12.3	13.2	14.2	13.2	11.8	29.8	91.9	28.8	8.51	9.53	10.6	9.93	8.92	26.3			
70	87.7	29.4	11.4	12.8	13.8	12.8	11.0	25.7	87.4	24.6	7.84	9.29	10.4	9.75	8.44	22.1			
75	83.2	26.1	10.7	12.3	13.2	12.4	10.5	22.6	82.8	21.3	7.36	8.99	10.1	9.48	8.09	19.3			
80	78.7	23.5	10.2	11.7	12.6	11.8	9.93	20.3	78.1	18.8	7.00	8.62	9.60	9.15	7.79	17.3			
85	73.9	21.4	9.64	11.1	11.8	11.1	9.36	18.7	73.7	17.1	6.63	8.17	9.08	8.73	7.44	15.8			
90	69.0	20.0	8.94	10.3	11.0	10.4	8.70	17.4	69.1	15.8	6.19	7.67	8.51	8.25	7.00	14.7			
95	64.2	19.0	8.35	9.53	10.2	9.59	8.11	16.5	64.5	15.0	5.79	7.09	7.91	7.69	6.61	13.8			
100	59.4	18.3	7.67	8.74	9.32	8.82	7.46	16.1	59.9	14.5	5.37	6.51	7.28	7.10	6.16	13.2			
105	54.5	17.8	6.96	7.92	8.42	7.99	6.82	15.9	55.3	14.2	4.96	5.91	6.61	6.45	5.66	12.9			
110	49.7	17.4	6.34	7.08	7.53	7.18	6.29	15.8	50.8	14.2	4.59	5.31	5.92	5.80	5.20	12.9			
115	45.1	17.1	5.82	6.26	6.64	6.38	5.82	15.9	46.4	14.3	4.29	4.71	5.23	5.14	4.76	12.9			
120	40.6	16.9	5.35	5.46	5.79	5.61	5.43	16.0	42.1	14.4	4.05	4.16	4.56	4.49	4.37	12.9			
125	36.1	16.6	4.95	4.71	4.96	4.89	5.09	16.1	37.9	14.6	3.86	3.61	3.91	3.87	4.07	13.0			
130	31.9	16.2	4.70	4.03	4.20	4.22	4.85	16.1	33.9	14.6	3.81	3.13	3.30	3.31	3.86	12.9			
135	27.9	15.8	4.52	3.42	3.50	3.63	4.74	16.0	30.0	14.6	3.83	2.69	2.74	2.81	3.77	12.8			
140	24.2	15.1	4.28	2.95	2.87	3.21	4.62	15.8	26.4	14.4	3.89	2.38	2.26	2.42	3.72	12.5			
145	20.7	14.4	3.87	2.68	2.35	2.94	4.26	15.3	22.9	14.0	3.64	2.23	1.90	2.18	3.37	12.1			
150	17.3	13.2	4.15	2.43	1.88	2.75	4.48	14.5	19.5	13.3	3.40	2.16	1.68	2.02	3.16	11.4			
155	14.3	11.7	4.99	2.13	1.44	2.08	5.50	13.3	16.4	12.3	4.21	1.94	1.32	1.76	3.63	10.4			
160	11.4	9.77	5.53	2.13	1.17	2.38	6.00	11.5	13.4	8.90	5.08	1.84	0.91	1.60	4.29	9.11			
165	8.51	8.33	5.21	2.91	1.52	3.29	6.47	9.62	9.98	8.18	5.46	2.97	1.40	2.22	4.59	7.37			
170	5.91	6.23	4.42	2.79	2.07	2.46	3.31	3.74	3.79	7.07	5.42	2.40	2.40	2.83	3.87	6.01			
175	3.76	2.94	2.93	2.38	1.39	2.63	4.80	4.65	3.97	3.99	2.32	0.87	0.42	1.40	3.38	4.23			
180	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13			

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
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Operators:Wilson
Test Date:2022-12-02

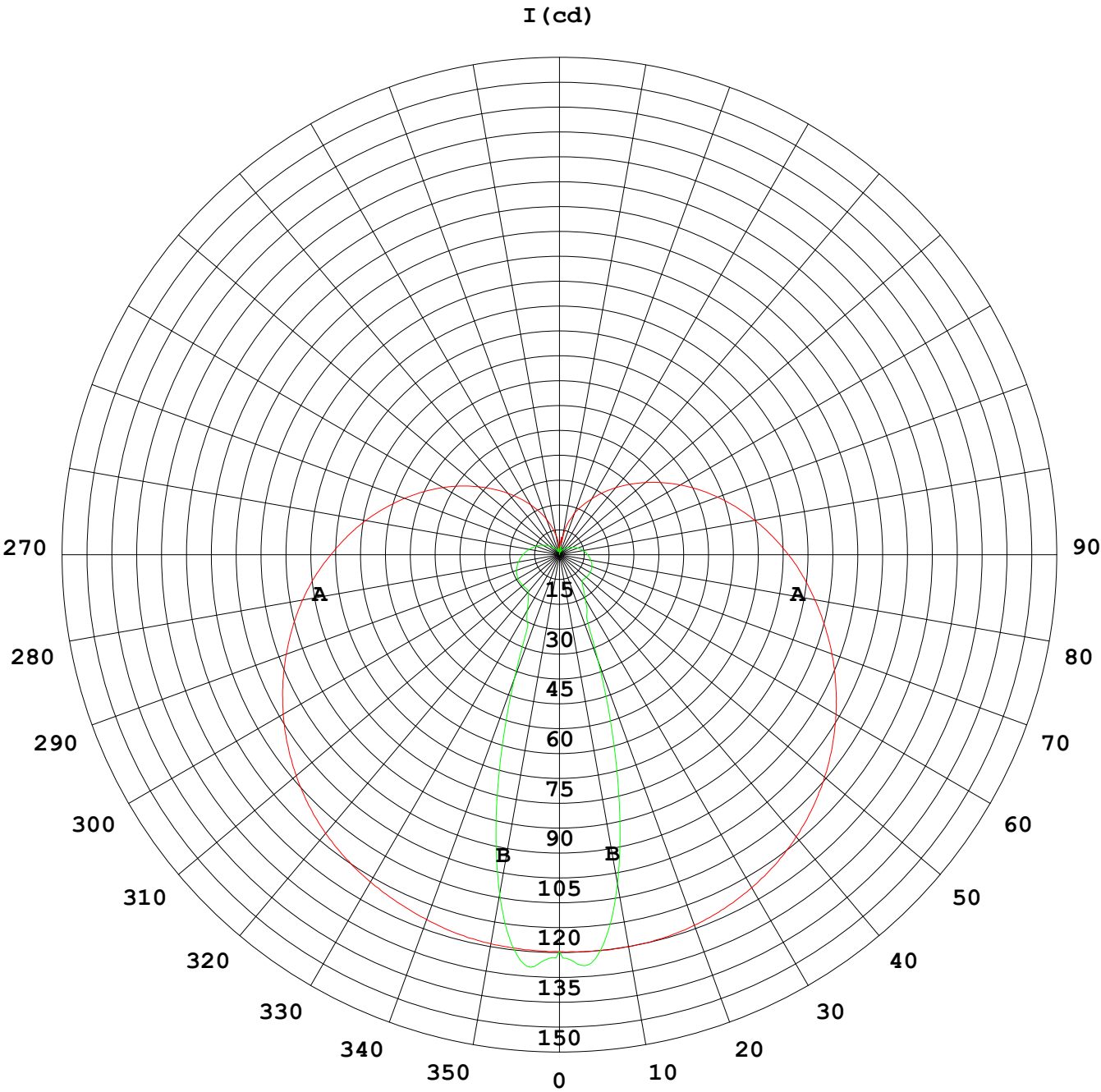
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Checker: Near Gao

Assessor: Akin Xu

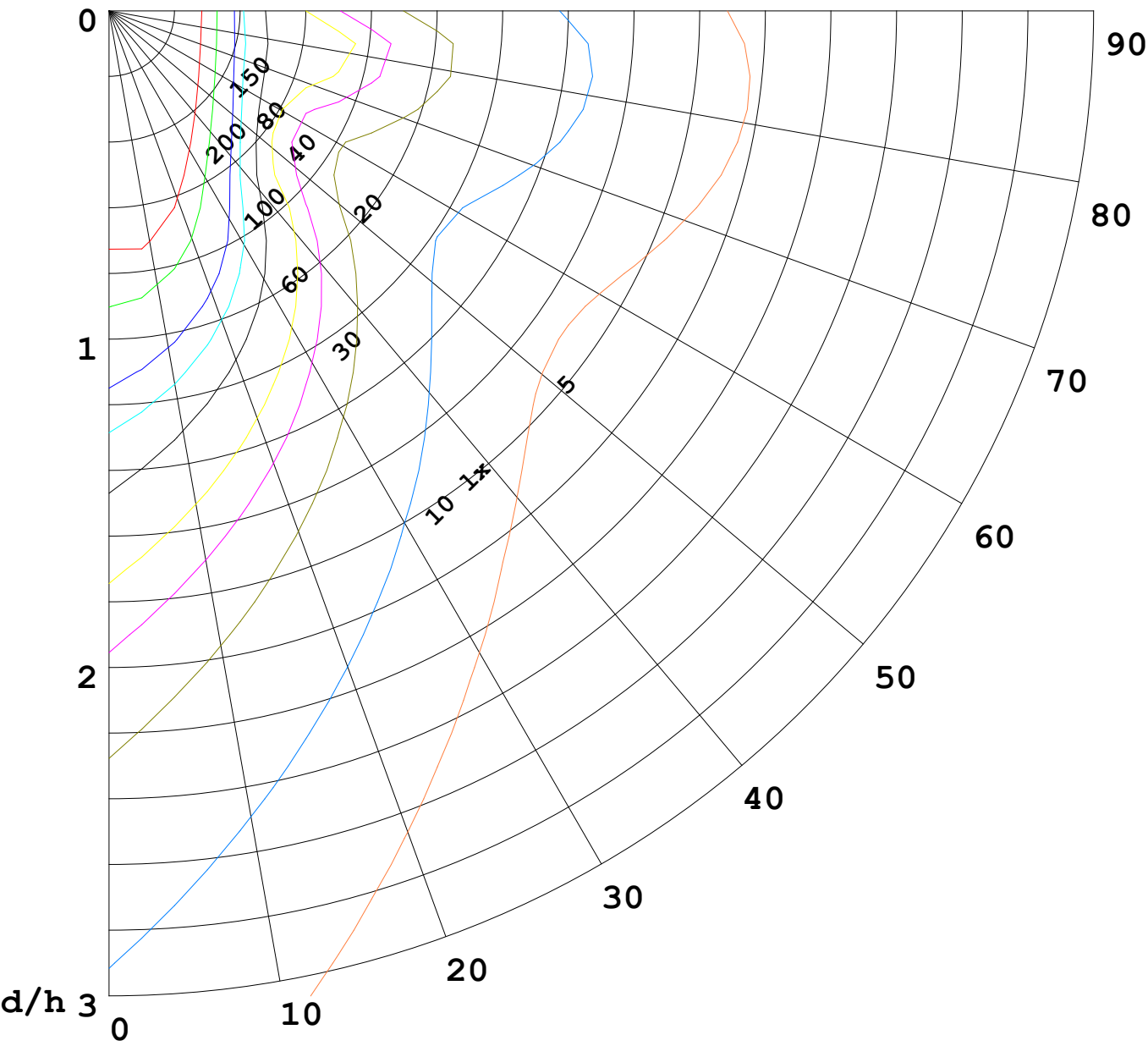


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1000 lm $\kappa = 1$



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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

