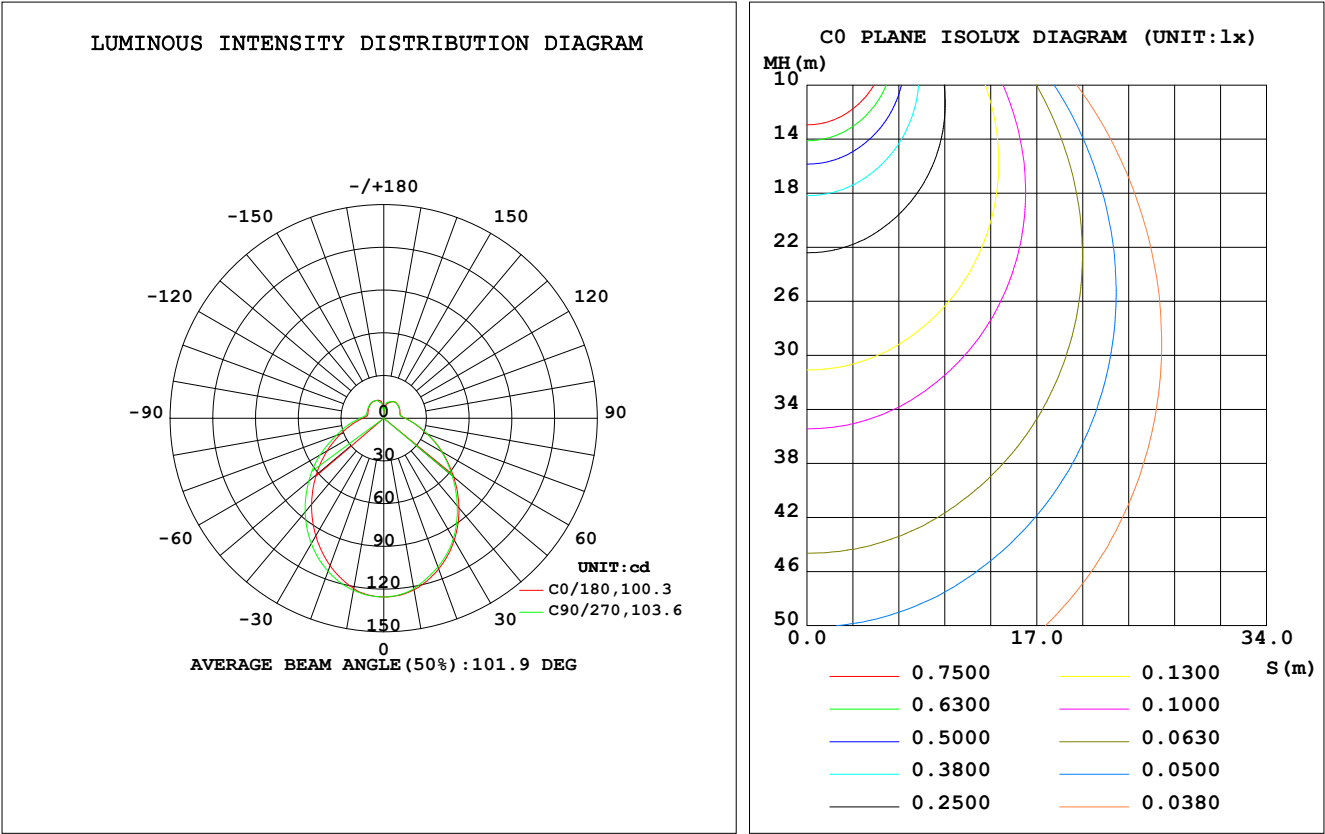


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.10V I:0.0256A P:5.3576W PF:0.9101 Freq:50.00Hz		
Lamp Flux:428.414x1 lm		
NAME: LED Light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Ross Gardam	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 79.96 lm/W
MODEL	Pendant-White glass	Imax(cd)	125.6	S/MH(C0/180)	1.15	
NOMINAL POWER(W)	3.9	LOR(%)	100.0	S/MH(C90/270)	1.21	
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	428.41	η UP,DN(C0-180)	9.4,39.6	
NOMINAL FLUX(lm)	428.414	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	9.7,41.4	
LAMPS INSIDE	1	η up(%)	19.0	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)	230	η down(%)	81.0	CIBSE SHR MAX	1.35	



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:Wilson
Test Date:2022-12-01

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	122.2	121.8	121.4	121.3	121.6	122.4	122.6	122.8	0- 10	11.82	11.82	2.76,2.76
20	112.6	111.6	111.1	109.6	110.2	114.6	114.4	115.4	10- 20	33.18	45.00	10.5,10.5
30	98.93	98.12	97.68	94.68	95.38	101.8	101.7	103.8	20- 30	48.89	93.88	21.9,21.9
40	82.18	81.34	80.33	78.21	78.89	83.92	85.93	85.52	30- 40	56.82	150.7	35.2,35.2
50	64.16	62.79	62.79	61.58	61.97	65.65	68.78	66.96	40- 50	56.49	207.2	48.4,48.4
60	47.32	46.76	47.05	45.80	46.03	49.14	51.67	50.79	50- 60	50.17	257.4	60.1,60.1
70	32.36	32.02	32.63	32.03	32.21	34.64	35.66	34.80	60- 70	39.94	297.3	69.4,69.4
80	21.99	21.66	22.05	21.80	21.91	23.85	24.65	23.76	70- 80	29.23	326.5	76.2,76.2
90	15.04	14.75	14.95	14.83	14.84	16.09	16.60	16.00	80- 90	20.42	347.0	81,81
100	12.06	11.84	11.81	11.73	11.74	12.55	12.91	12.60	90-100	14.67	361.6	84.4,84.4
110	12.18	12.01	11.98	11.90	11.84	12.29	12.55	12.41	100-110	12.71	374.3	87.4,87.4
120	12.92	12.80	12.74	12.64	12.59	12.87	13.04	12.98	110-120	12.38	386.7	90.3,90.3
130	13.54	13.49	13.40	13.30	13.27	13.47	13.56	13.57	120-130	11.79	398.5	93,93
140	13.96	13.83	13.78	13.81	13.81	13.95	13.99	13.96	130-140	10.58	409.1	95.5,95.5
150	13.50	13.84	13.41	13.91	13.83	14.02	13.93	14.10	140-150	8.727	417.8	97.5,97.5
160	11.89	13.09	12.45	13.45	13.49	13.45	13.08	13.47	150-160	6.253	424.1	99,99
170	9.191	11.51	11.00	11.94	12.32	11.83	10.98	10.61	160-170	3.505	427.6	99.8,99.8
180	0.2415	0.2207	0.2955	0.3083	0.2391	0.2221	0.2948	0.3083	170-180	0.8477	428.4	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 179.43 lm

%lum = 41.9%
%lamp = 41.9%

Conical surface Flux(120deg): 257.37 lm

%lum = 60.1%
%lamp = 60.1%

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:Wilson
Test Date:2022-12-01

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

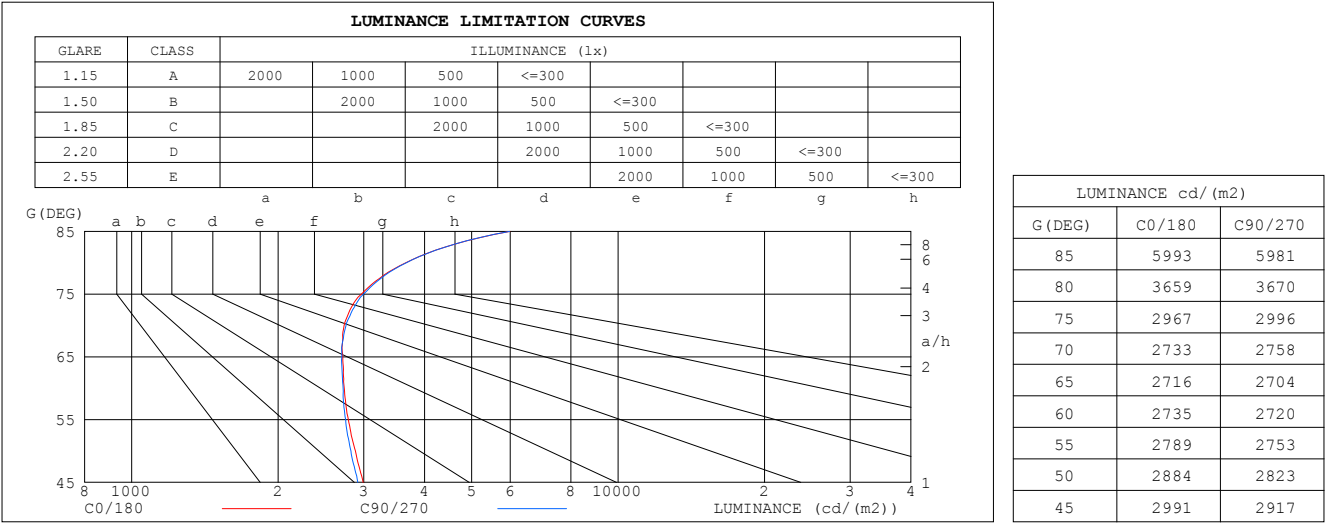
Assessor: Akin Xu



ROSS GARDAM

LUMINANCE LIMITATION CURVES

Test:U:230.10V I:0.0256A P:5.3576W PF:0.9101 Freq:50.00Hz Lamp Flux:428.414x1 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:2022-12-01

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

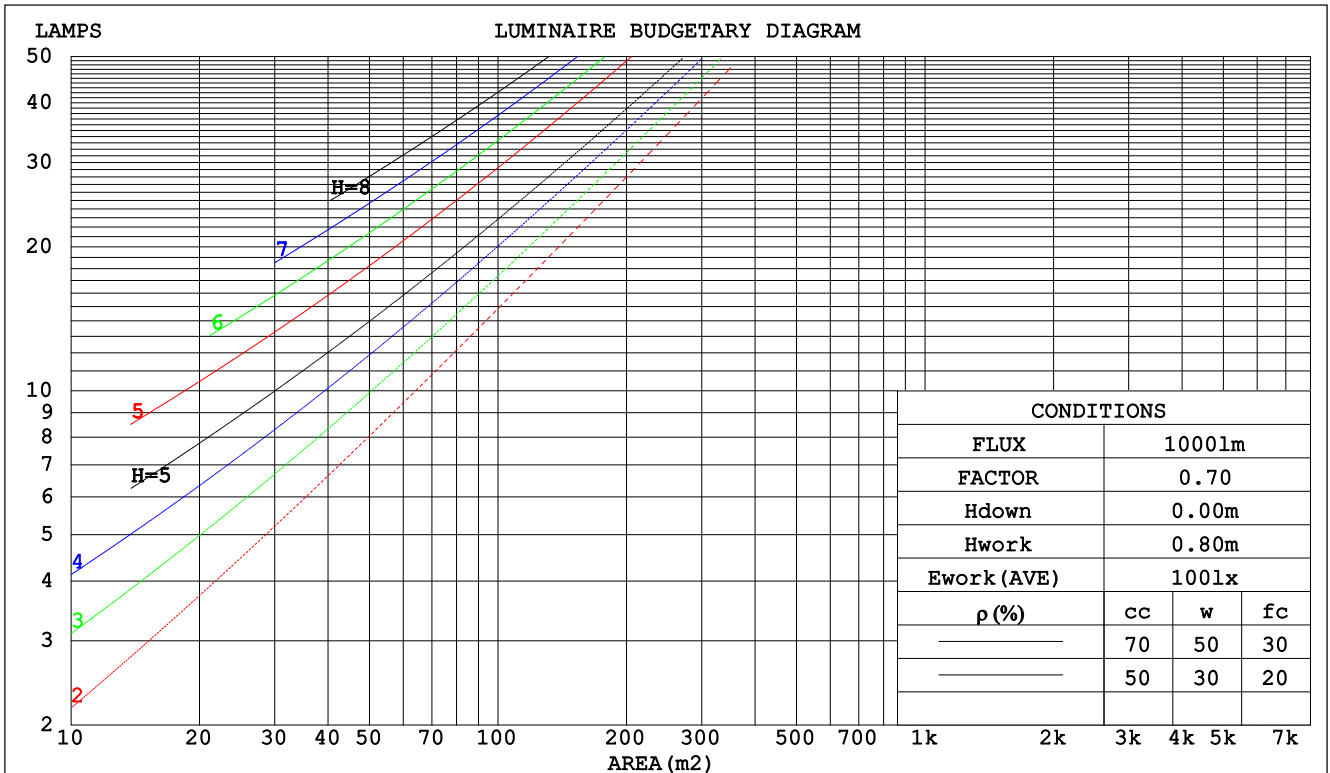


ROSS GARDAM

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.10V I:0.0256A P:5.3576W PF:0.9101 Freq:50.00Hz		
Lamp Flux:428.414x1 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	1.15	1.15	1.15	1.10	1.10	1.10	1.01	1.01	1.01	.92	.92	.92	.85	.85	.85	.81
1.0	.98	.93	.89	.94	.90	.86	.86	.83	.80	.79	.76	.74	.72	.70	.68	.65
2.0	.85	.78	.72	.82	.75	.70	.75	.70	.65	.69	.65	.61	.63	.60	.57	.54
3.0	.75	.66	.60	.72	.64	.58	.66	.60	.55	.61	.56	.51	.56	.52	.48	.45
4.0	.66	.57	.51	.63	.55	.49	.59	.52	.47	.54	.48	.44	.50	.45	.41	.39
5.0	.59	.50	.44	.57	.49	.42	.53	.46	.40	.49	.43	.38	.45	.40	.36	.33
6.0	.53	.44	.38	.51	.43	.37	.47	.40	.35	.44	.38	.33	.41	.36	.32	.29
7.0	.48	.40	.33	.46	.38	.33	.43	.36	.31	.40	.34	.30	.37	.32	.28	.26
8.0	.44	.36	.30	.42	.35	.29	.40	.33	.28	.37	.31	.27	.34	.29	.25	.23
9.0	.40	.32	.27	.39	.31	.26	.36	.30	.25	.34	.28	.24	.32	.27	.23	.21
10.0	.37	.29	.24	.36	.29	.24	.34	.27	.23	.32	.26	.22	.29	.24	.21	.19



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.1DEG
 Operators: Wilson
 Test Date: 2022-12-01

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:230.10V I:0.0256A P:5.3576W PF:0.9101 Freq:50.00Hz Lamp Flux:428.414x1 lm		
NAME: LED Light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Ross Gardam	SUR.:	Shielding Angle:

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			Wall Exitance Coefficients(WEC)												
0.0																
1.0	.336	.191	.060	.323	.184	.058	.299	.171	.055	.276	.159	.051	.256	.148	.048	
2.0	.300	.164	.050	.288	.159	.049	.266	.148	.046	.246	.138	.043	.228	.129	.041	
3.0	.271	.144	.043	.261	.140	.042	.241	.131	.040	.223	.122	.037	.206	.114	.035	
4.0	.247	.128	.038	.238	.124	.037	.220	.117	.035	.203	.109	.033	.188	.102	.031	
5.0	.227	.116	.033	.218	.112	.033	.202	.105	.031	.187	.099	.029	.173	.092	.028	
6.0	.209	.105	.030	.202	.102	.029	.187	.096	.028	.173	.090	.026	.160	.084	.025	
7.0	.194	.096	.027	.187	.093	.027	.174	.088	.025	.161	.082	.024	.149	.077	.023	
8.0	.181	.089	.025	.175	.086	.024	.162	.081	.023	.150	.076	.022	.139	.072	.021	
9.0	.169	.082	.023	.163	.080	.022	.152	.075	.021	.141	.071	.020	.131	.066	.019	
10.0	.159	.076	.021	.154	.074	.021	.143	.070	.020	.133	.066	.019	.123	.062	.018	

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	.335	.335	.335	.287	.287	.287	.196	.196	.196	.112	.112	.112	.036	.036	.036	
1.0	.328	.302	.278	.281	.259	.240	.192	.178	.166	.111	.103	.096	.035	.033	.031	
2.0	.320	.279	.244	.274	.240	.211	.188	.166	.147	.108	.097	.086	.035	.031	.028	
3.0	.313	.262	.222	.268	.226	.192	.184	.157	.135	.106	.092	.080	.034	.030	.026	
4.0	.305	.249	.207	.262	.216	.180	.180	.150	.127	.104	.088	.075	.033	.029	.025	
5.0	.297	.239	.197	.255	.207	.171	.176	.145	.121	.102	.085	.072	.033	.028	.024	
6.0	.290	.231	.189	.249	.200	.165	.172	.140	.117	.100	.083	.069	.032	.027	.023	
7.0	.284	.225	.184	.244	.195	.160	.169	.137	.113	.098	.080	.067	.032	.026	.022	
8.0	.277	.219	.179	.239	.190	.156	.165	.134	.111	.096	.079	.066	.031	.026	.022	
9.0	.271	.214	.176	.234	.186	.154	.162	.131	.109	.094	.077	.065	.031	.025	.022	
10.0	.266	.210	.173	.229	.183	.151	.159	.129	.108	.093	.076	.064	.030	.025	.021	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:Wilson
Test Date:2022-12-01

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:230.10V I:0.0256A P:5.3576W PF:0.9101 Freq:50.00Hz Lamp Flux:428.414x1 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	2H	14.9	16.2	15.5	16.7	17.3	15.0	16.2	15.5	16.7	17.3
	3H	16.6	17.8	17.1	18.3	18.9	16.6	17.8	17.2	18.3	19.0
	4H	17.4	18.6	18.0	19.1	19.7	17.5	18.6	18.1	19.2	19.8
	6H	18.4	19.4	19.0	20.0	20.7	18.4	19.5	19.0	20.1	20.7
	8H	18.9	19.9	19.5	20.5	21.2	19.0	20.0	19.6	20.5	21.2
	12H	19.5	20.5	20.1	21.1	21.8	19.6	20.5	20.2	21.1	21.8
4H	2H	15.5	16.6	16.1	17.2	17.8	15.5	16.6	16.1	17.2	17.8
	3H	17.4	18.3	18.0	18.9	19.6	17.4	18.4	18.0	19.0	19.7
	4H	18.4	19.3	19.0	19.9	20.6	18.4	19.3	19.1	20.0	20.7
	6H	19.5	20.3	20.2	20.9	21.7	19.6	20.4	20.2	21.0	21.8
	8H	20.1	20.9	20.8	21.5	22.3	20.2	20.9	20.9	21.6	22.4
	12H	20.9	21.5	21.6	22.2	23.0	20.9	21.6	21.6	22.3	23.1
8H	4H	18.8	19.5	19.4	20.2	20.9	18.8	19.5	19.5	20.2	21.0
	6H	20.1	20.7	20.8	21.4	22.3	20.2	20.8	20.9	21.5	22.3
	8H	20.9	21.5	21.7	22.2	23.0	21.0	21.6	21.7	22.3	23.1
	12H	21.9	22.4	22.6	23.1	24.0	22.0	22.4	22.7	23.2	24.0
12H	4H	18.8	19.5	19.5	20.2	21.0	18.9	19.6	19.6	20.2	21.0
	6H	20.3	20.9	21.0	21.6	22.4	20.4	20.9	21.1	21.6	22.5
	8H	21.2	21.7	21.9	22.4	23.3	21.3	21.8	22.0	22.5	23.3
Variations with the observer position at spacings(CIE Pub.117):											
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 / - 0.3				

CIE Pub.117, 428.4 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -2.9)
Area: 0.0346185 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:Wilson
Test Date:2022-12-01

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:230.10V I:0.0256A P:5.3576W PF:0.9101 Freq:50.00Hz Lamp Flux:428.414x1 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	52	40	33	50	39	33	48	38	32	26
0.80	61	49	42	59	48	41	56	46	40	32
1.00	69	57	49	67	56	49	63	56	47	39
1.25	76	64	57	73	63	56	69	60	54	44
1.50	81	70	62	78	68	61	73	64	58	48
2.00	87	78	70	84	75	69	78	71	65	54
2.50	91	83	76	88	80	74	81	75	70	57
3.00	95	87	80	91	84	78	84	79	74	60
4.00	99	92	87	95	89	84	88	83	79	64
5.00	102	96	91	98	92	88	90	86	82	67
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: 2022-12-01

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

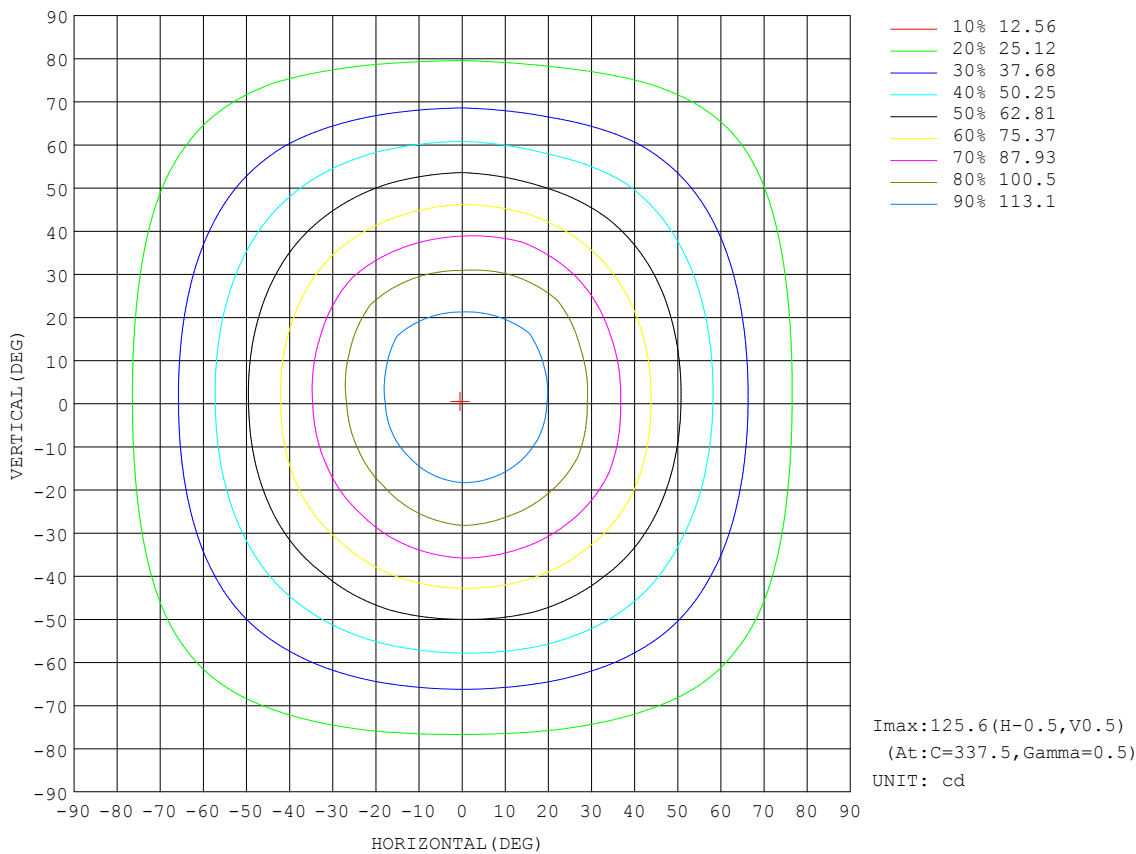
Assessor: Akin Xu



ROSS GARDAM

ISOCANDELA DIAGRAM

Test:U:230.10V I:0.0256A P:5.3576W PF:0.9101 Freq:50.00Hz Lamp Flux:428.414x1 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:2022-12-01

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

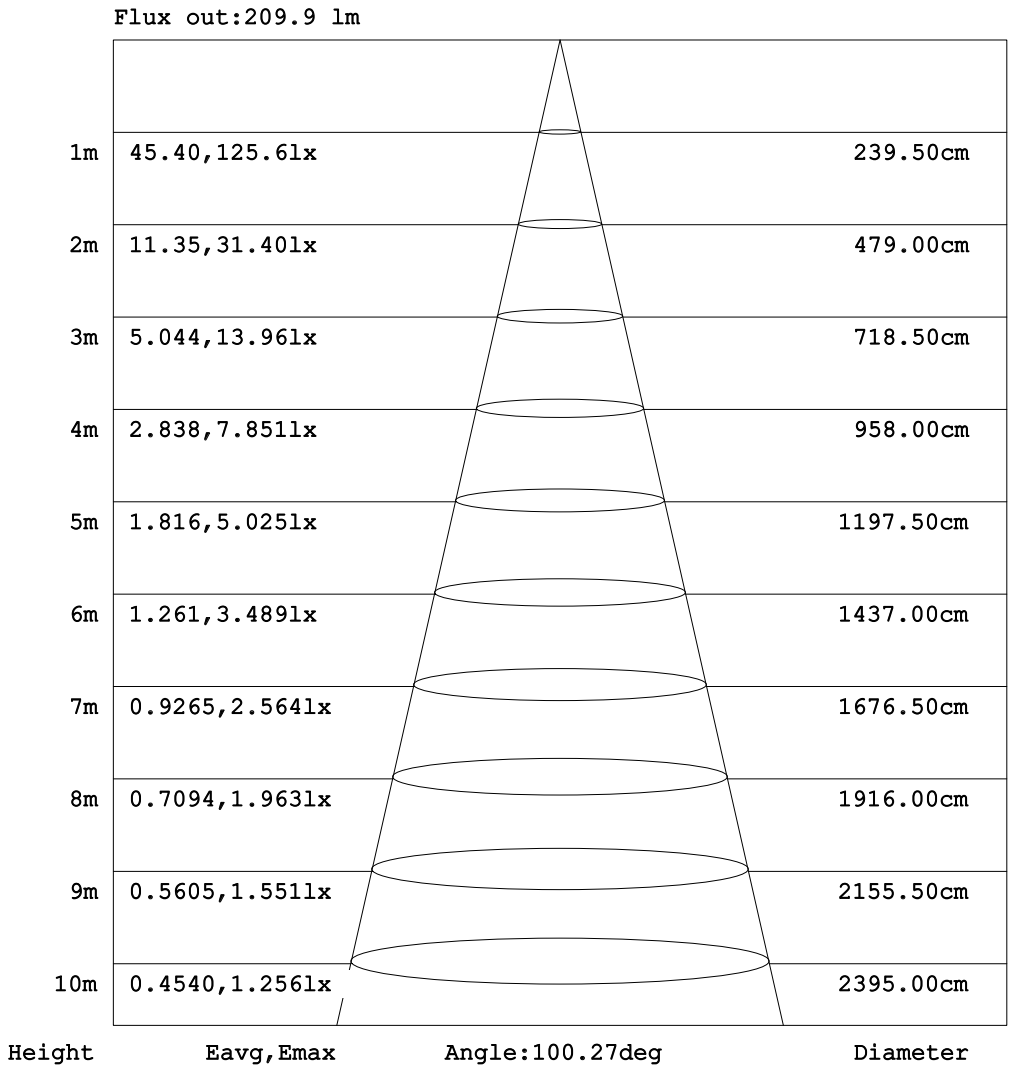
Assessor: Akin Xu



ROSS GARDAM

AAI Figure

Test:U:230.10V I:0.0256A P:5.3576W PF:0.9101 Freq:50.00Hz Lamp Flux:428.414x1 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:2022-12-01

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

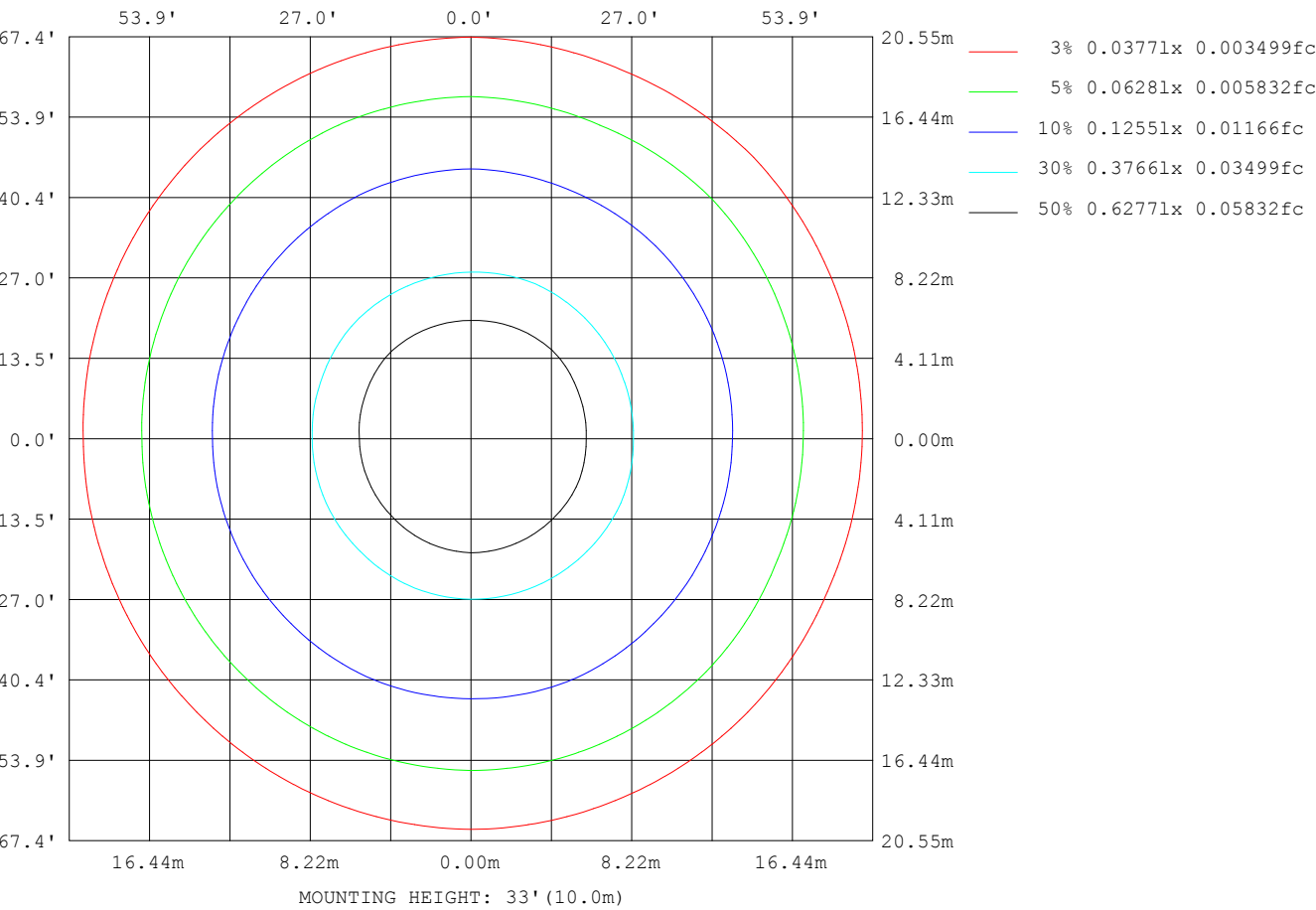
Checker: Near Gao
Assessor: Akin Xu



ROSS GARDAM

ISOLUX DIAGRAM

Test:U:230.10V I:0.0256A P:5.3576W PF:0.9101 Freq:50.00Hz Lamp Flux:428.414x1 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:2022-12-01

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:230.10V I:0.0256A P:5.3576W PF:0.9101 Freq:50.00Hz Lamp Flux:428.414x1 lm		
NAME: LED Light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Ross Gardam	SUR.:	Shielding Angle:

AvgL	cd/m2
L_0~180 (65) av	2682
L_0~180 (75) av	2965
L_0~180 (85) av	5959
L_90~270 (65) av	2825
L_90~270 (75) av	3163
L_90~270 (85) av	6309
L_45 (65) av	2754
L_45 (75) av	3080
L_45 (85) av	6158

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:Wilson
Test Date:2022-12-01

Checker: Near Gao

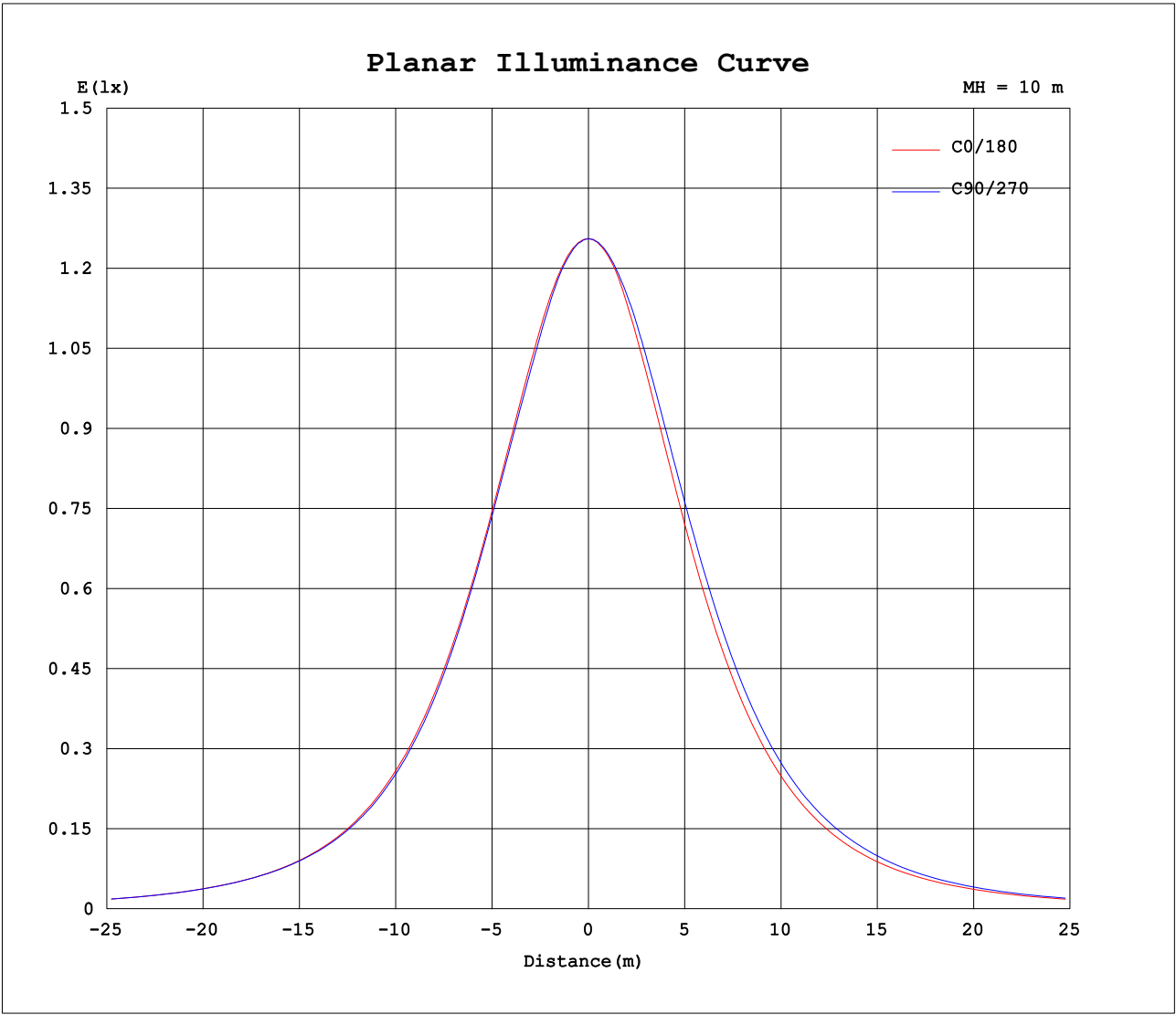
γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.444
Humidity:60.5%
Test Distance:2.617m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Assessor: Akin Xu



ROSS GARDAM

Planar Illuminance Curve



C Range: 0 - 360DEG	γ Range: 0 - 180DEG
C Interval: 22.5DEG	γ Interval: 0.5DEG
Test Speed: HIGH	Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.444
Temperature:25.1DEG	Humidity:60.5%
Operators:Wilson	Test Distance:2.617m [K=1.0000]
Test Date:2022-12-01	Remarks: File No.: WT-F-504-3206-01-A
Checker: Near Gao	Assessor: Akin Xu



ROSS GARDAM

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.10V I:0.0256A P:5.3576W PF:0.9101 Freq:50.00Hz		
Lamp Flux:428.414x1 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	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126			
5	125	125	125	125	124	124	124	125	125	125	125	125	125	125	125	125			
10	122	122	122	122	121	121	121	121	122	122	122	123	123	123	123	123			
15	118	118	117	117	116	116	116	116	116	117	119	119	119	119	120	119			
20	113	112	112	111	111	110	110	110	110	112	115	115	114	115	115	114			
25	106	106	105	105	105	104	102	102	103	106	109	109	109	109	110	108			
30	98.9	99.5	98.1	97.5	97.7	96.1	94.7	94.6	95.4	98.1	102	102	102	102	103	104	101		
35	90.9	91.8	90.1	89.5	89.3	87.9	86.7	86.8	87.3	89.6	93.4	94.0	94.1	95.6	95.5	92.4			
40	82.2	82.9	81.3	80.8	80.3	79.5	78.2	78.8	78.9	80.8	83.9	84.9	85.9	87.2	85.5	83.5			
45	73.2	73.2	71.8	71.9	71.4	71.0	69.8	70.4	70.4	72.1	74.4	76.0	77.4	77.3	75.9	74.4			
50	64.2	63.5	62.8	63.5	62.8	62.8	61.6	61.7	62.0	63.7	65.7	67.6	68.8	67.8	67.0	65.7			
55	55.4	54.3	54.6	55.3	54.6	54.4	53.5	53.3	53.8	55.5	57.3	59.6	60.4	58.9	58.9	57.3			
60	47.3	46.2	46.8	47.0	47.1	46.5	45.8	45.6	46.0	47.4	49.1	51.0	51.7	50.2	50.8	48.9			
65	39.7	38.7	39.0	39.2	39.5	39.1	38.5	38.5	38.8	39.9	41.4	42.5	43.1	42.1	42.3	40.8			
70	32.4	31.9	32.0	32.7	32.6	32.7	32.0	32.0	32.2	33.1	34.6	35.3	35.7	34.8	34.8	33.5			
75	26.6	26.0	26.3	26.7	26.8	26.9	26.5	26.3	26.6	27.4	28.9	29.6	29.9	29.0	28.7	27.8			
80	22.0	21.5	21.7	22.0	22.0	22.1	21.8	21.6	21.9	22.6	23.8	24.4	24.7	24.1	23.8	23.1			
85	18.1	17.6	17.7	17.9	18.0	18.0	17.9	17.7	17.9	18.5	19.4	20.1	20.0	19.9	19.3	19.0			
90	15.0	14.7	14.8	14.8	15.0	14.9	14.8	14.7	14.8	15.3	16.1	16.6	16.6	16.6	16.0	15.7			
95	13.1	12.7	12.8	12.8	12.9	12.7	12.7	12.7	12.8	13.2	13.8	14.3	14.2	14.3	13.8	13.6			
100	12.1	11.8	11.8	11.7	11.8	11.7	11.7	11.7	11.7	12.1	12.5	13.0	12.9	13.0	12.6	12.4			
105	11.9	11.7	11.7	11.6	11.7	11.6	11.6	11.5	11.6	11.9	12.2	12.5	12.5	12.6	12.3	12.2			
110	12.2	12.0	12.0	11.9	12.0	11.8	11.9	11.8	11.8	12.1	12.3	12.6	12.5	12.7	12.4	12.4			
115	12.6	12.3	12.4	12.3	12.3	12.2	12.3	12.2	12.2	12.4	12.6	12.8	12.8	12.9	12.7	12.7			
120	12.9	12.7	12.8	12.7	12.7	12.6	12.6	12.6	12.6	12.8	12.9	13.1	13.0	13.1	13.0	13.0			
125	13.3	13.1	13.2	13.1	13.1	12.9	13.0	12.9	13.0	13.2	13.2	13.3	13.3	13.4	13.3	13.3			
130	13.5	13.3	13.5	13.4	13.4	13.3	13.3	13.2	13.3	13.5	13.5	13.6	13.6	13.6	13.6	13.6			
135	13.8	13.4	13.7	13.6	13.6	13.6	13.6	13.5	13.6	13.7	13.7	13.9	13.8	13.8	13.8	13.9			
140	14.0	13.5	13.8	13.8	13.8	13.7	13.8	13.7	13.8	14.0	13.9	14.0	14.0	14.0	14.0	14.0			
145	13.9	13.6	13.9	13.6	13.8	13.8	13.9	13.9	13.9	14.0	14.1	14.0	14.1	14.2	14.1	14.0			
150	13.5	13.5	13.8	13.2	13.4	13.8	13.9	13.9	13.8	14.0	14.0	13.9	13.9	14.1	14.1	13.8			
155	12.8	13.3	13.4	13.1	12.9	13.6	13.7	13.8	13.7	13.9	13.8	13.7	13.7	13.6	13.9	13.4			
160	11.9	12.8	13.1	12.7	12.5	13.1	13.4	13.6	13.5	13.5	13.5	13.3	13.1	13.1	13.5	12.7			
165	10.8	11.9	12.7	12.3	11.6	12.2	13.1	13.4	13.0	12.9	12.9	12.4	11.7	12.6	12.2	11.2			
170	9.19	10.3	11.5	11.1	11.0	11.2	11.9	12.7	12.3	12.1	11.8	11.5	11.0	10.9	10.6	9.87			
175	6.09	6.78	7.44	7.26	7.47	7.71	8.22	8.71	9.09	8.77	8.51	7.78	7.70	7.70	7.17	6.51			
180	0.24	0.22	0.22	0.26	0.30	0.32	0.31	0.39	0.24	0.22	0.22	0.26	0.29	0.32	0.31	0.39			

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C Interval: 22.5DEG
Test Speed: HIGH
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Test Date:2022-12-01

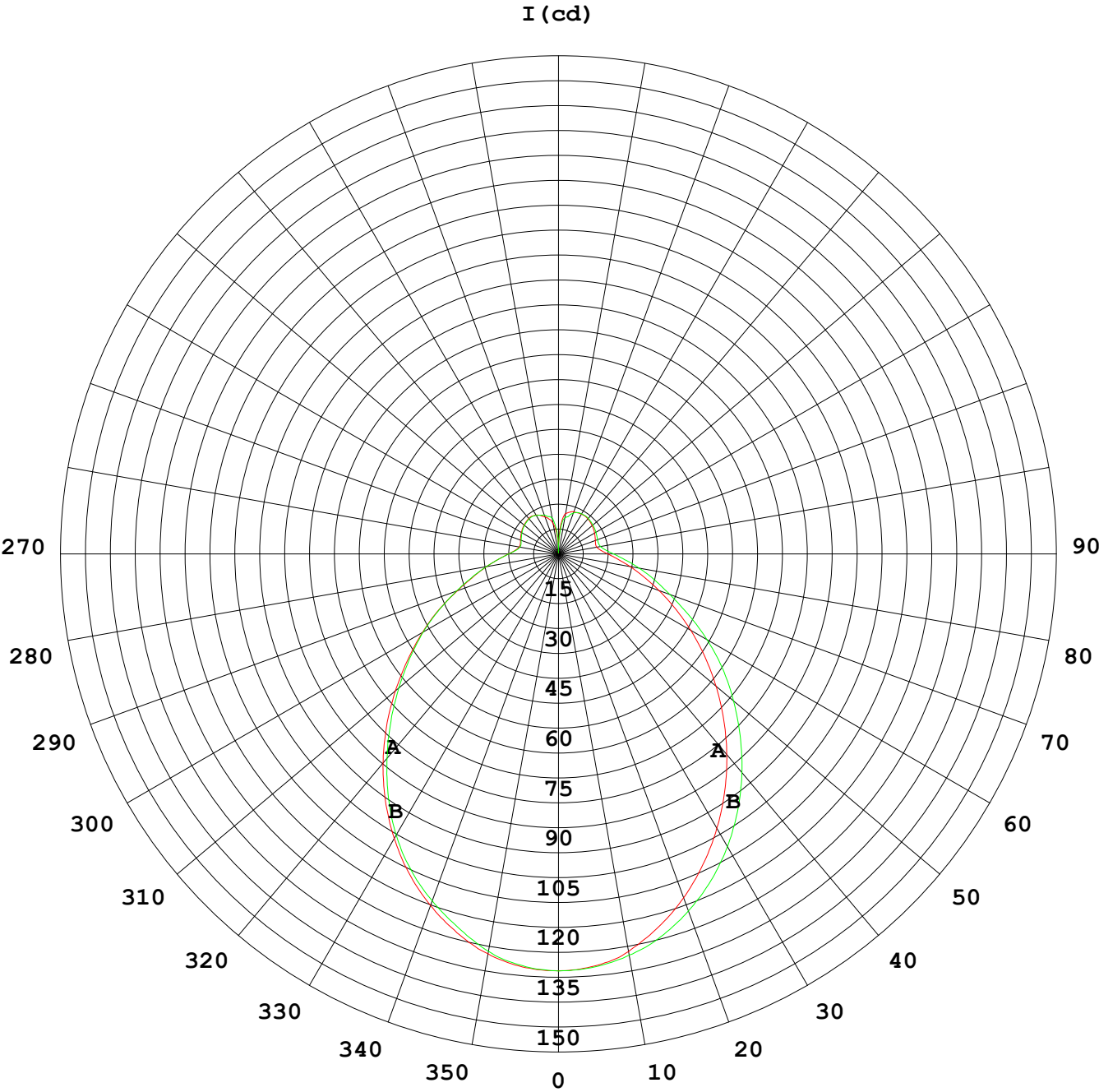
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γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.444
Humidity:60.5%
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Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

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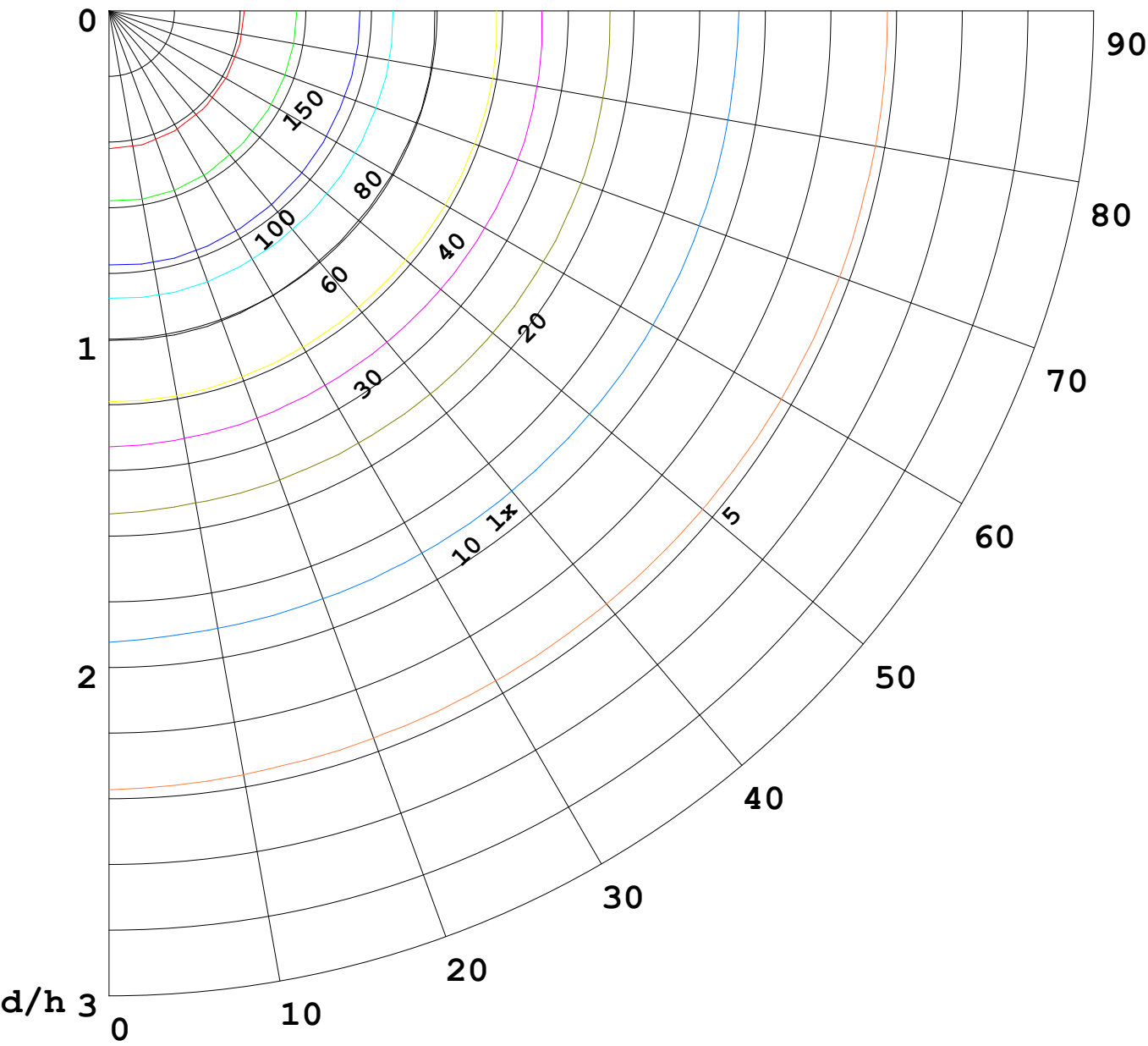


ROSS GARDAM



ROSS GARDAM

1000 1m $K = 1$



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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

