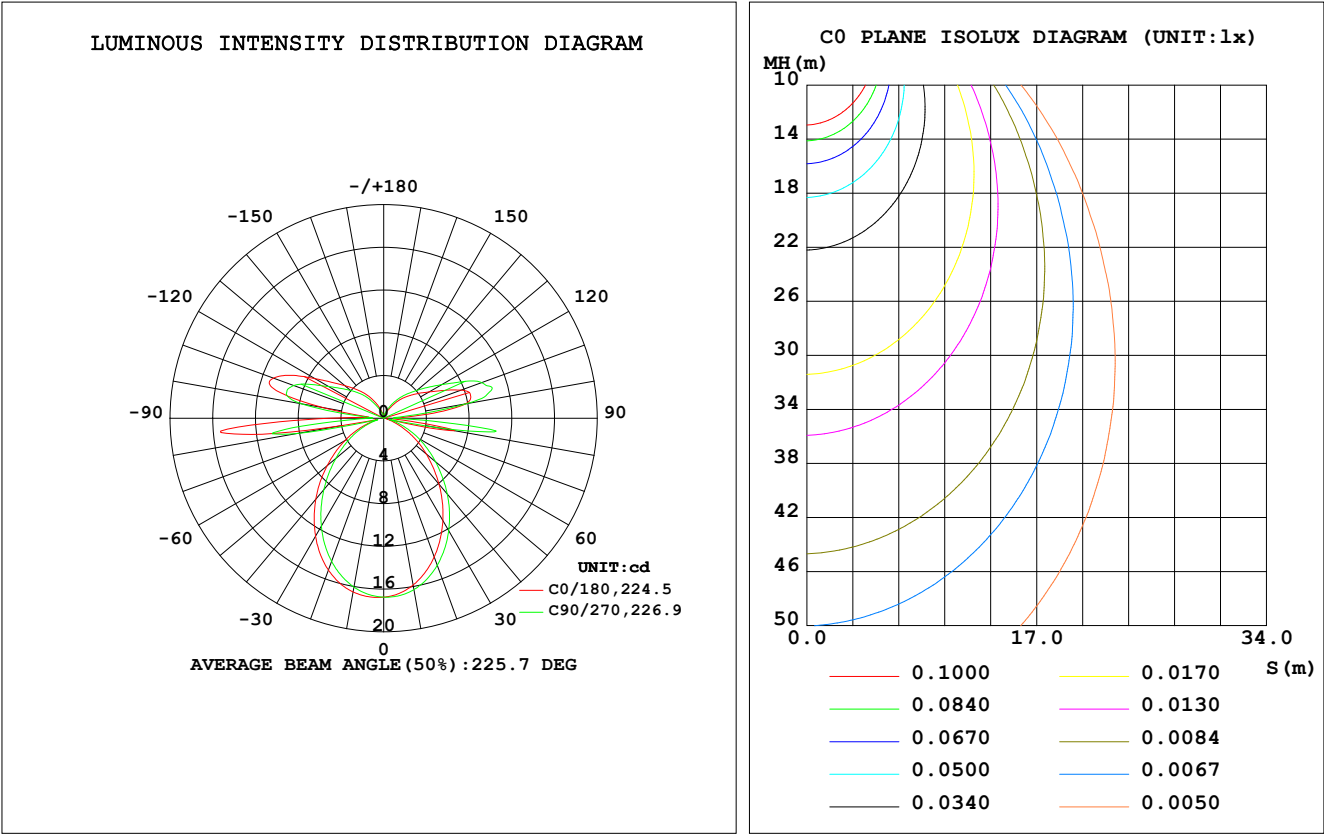


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.09V I:0.0512A P:11.497W PF:0.9755 Freq:50.00Hz		
Lamp Flux:69.7301x1 lm		
NAME: LED Light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Ross Gardam	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 6.06 lm/W
Model: Wall Light-Blue glass		Imax(cd)	16.81	S/MH(C0/180)	1.15	
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	1.07	
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	69.730	η UP,DN(C0-180)	21.5,28.0	
NOMINAL FLUX(lm)	69.7301	CIE CLASS	DIFFUSE	η UP,DN(C180-360)	21.5,28.9	
LAMPS INSIDE	1	η up(%)	43.1	CIBSE SHR NOM	1.00	
TEST VOLTAGE(V)	230	η down(%)	56.9	CIBSE SHR MAX	1.15	



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	15.86	16.04	16.29	16.48	16.51	16.32	16.06	15.88	0- 10	1.572	1.572	2.25,2.25
20	13.82	14.16	14.66	15.10	15.13	14.76	14.27	13.89	10- 20	4.343	5.915	8.48,8.48
30	11.09	11.46	12.17	12.74	12.76	12.31	11.68	11.17	20- 30	6.096	12.01	17.2,17.2
40	8.057	8.507	9.259	9.839	9.897	9.395	8.722	8.230	30- 40	6.536	18.55	26.6,26.6
50	5.210	5.622	6.350	6.912	6.919	6.487	5.861	5.423	40- 50	5.791	24.34	34.9,34.9
60	2.752	3.109	3.814	4.197	4.208	3.910	3.458	2.944	50- 60	4.277	28.61	41,41
70	0.8261	0.9990	1.584	1.846	1.813	1.678	1.446	0.9767	60- 70	2.395	31.01	44.5,44.5
80	6.758	6.219	5.146	3.896	3.891	6.287	8.207	7.749	70- 80	1.714	32.72	46.9,46.9
90	1.148	0.9267	0.9011	3.311	5.156	3.149	1.206	1.031	80- 90	6.983	39.71	56.9,56.9
100	7.768	7.936	7.869	6.379	5.682	6.492	7.761	7.539	90-100	3.405	43.11	61.8,61.8
110	7.720	8.265	9.759	10.74	10.99	9.970	8.976	8.081	100-110	9.770	52.88	75.8,75.8
120	4.945	5.382	6.323	7.195	7.429	6.870	5.943	5.204	110-120	7.761	60.64	87,87
130	3.382	3.645	4.063	4.698	4.760	4.444	4.059	3.507	120-130	4.513	65.16	93.4,93.4
140	2.157	2.340	2.656	3.182	3.247	3.013	2.699	2.286	130-140	2.623	67.78	97.2,97.2
150	1.022	1.232	1.491	1.804	1.950	1.771	1.333	1.109	140-150	1.317	69.10	99.1,99.1
160	0.4514	0.5568	0.6946	0.8284	0.8930	0.8037	0.6331	0.4860	150-160	0.4858	69.58	99.8,99.8
170	0.2590	0.2067	0.2735	0.3510	0.3566	0.2908	0.2380	0.2091	160-170	0.1323	69.71	100,100
180	0.0288	0.0260	0.0256	0.0253	0.0295	0.0263	0.0284	0.0246	170-180	0.0159	69.73	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 21.596 lm

%lum = 31.0%
%lamp = 31.0%

Conical surface Flux(120deg): 28.615 lm

%lum = 41.0%
%lamp = 41.0%

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

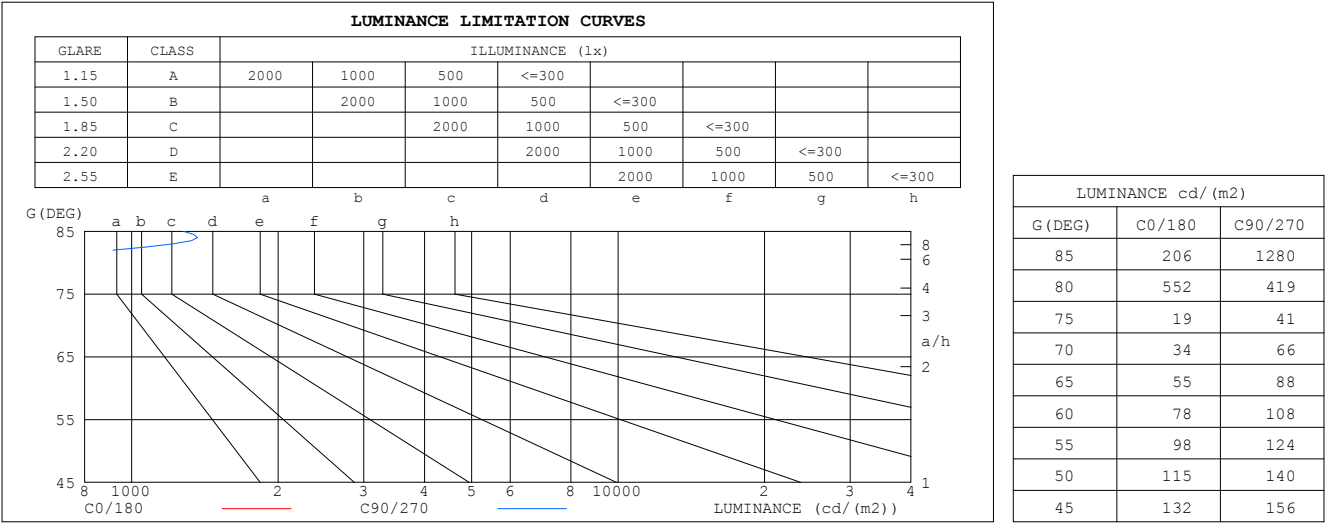
Assessor: Akin Xu



ROSS GARDAM

LUMINANCE LIMITATION CURVES

Test:U:230.09V I:0.0512A P:11.497W PF:0.9755 Freq:50.00Hz Lamp Flux:69.7301x1 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

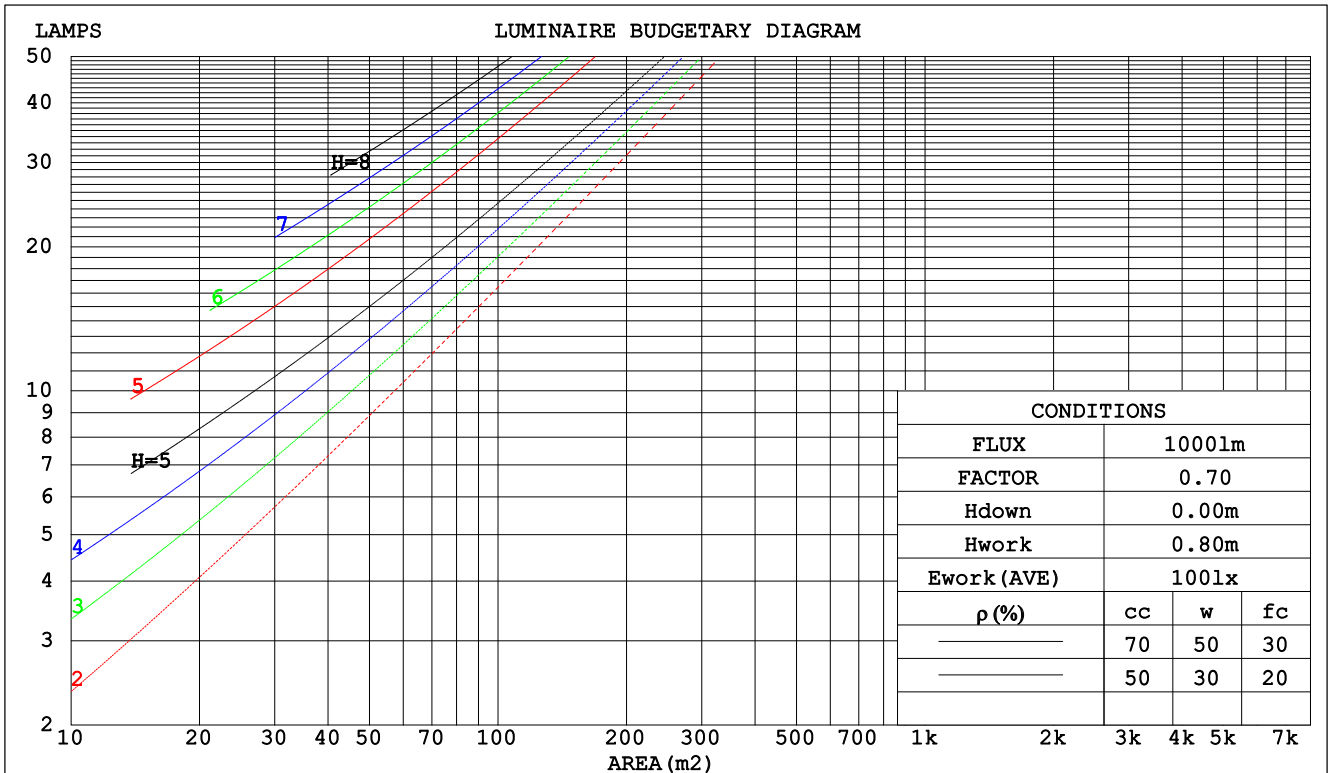


ROSS GARDAM

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.09V I:0.0512A P:11.497W PF:0.9755 Freq:50.00Hz		
Lamp Flux:69.7301x1 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	1.09	1.09	1.09	1.01	1.01	1.01	.87	.87	.87	.74	.74	.74	.62	.62	.62	.57
1.0	.91	.86	.81	.84	.80	.76	.72	.69	.66	.61	.59	.56	.51	.49	.47	.42
2.0	.80	.73	.67	.74	.68	.63	.64	.59	.55	.54	.50	.47	.45	.42	.40	.36
3.0	.70	.63	.56	.66	.59	.53	.57	.51	.47	.48	.44	.41	.40	.37	.35	.31
4.0	.63	.54	.48	.59	.51	.45	.51	.45	.40	.43	.39	.35	.37	.33	.30	.27
5.0	.56	.48	.42	.53	.45	.39	.46	.40	.35	.39	.35	.31	.33	.30	.27	.24
6.0	.51	.42	.37	.48	.40	.35	.42	.36	.31	.36	.31	.27	.31	.27	.24	.21
7.0	.46	.38	.32	.43	.36	.31	.38	.32	.28	.33	.28	.25	.28	.24	.22	.19
8.0	.42	.34	.29	.40	.32	.27	.35	.29	.25	.30	.26	.22	.26	.22	.20	.17
9.0	.39	.31	.26	.36	.29	.25	.32	.26	.22	.28	.23	.20	.24	.20	.18	.16
10.0	.36	.28	.23	.34	.27	.22	.30	.24	.20	.26	.21	.18	.23	.19	.16	.14



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:230.09V I:0.0512A P:11.497W PF:0.9755 Freq:50.00Hz Lamp Flux:69.7301x1 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	.359	.204	.065	.339	.193	.061	.301	.173	.055	.266	.153	.049	.234	.136	.044		
2.0	.296	.162	.050	.278	.153	.047	.243	.135	.042	.211	.119	.037	.182	.103	.032		
3.0	.260	.138	.041	.244	.130	.039	.212	.115	.035	.183	.100	.031	.156	.087	.027		
4.0	.235	.122	.036	.219	.115	.034	.191	.101	.030	.164	.088	.027	.140	.076	.023		
5.0	.214	.109	.032	.201	.103	.030	.174	.091	.027	.150	.079	.024	.127	.068	.020		
6.0	.198	.099	.028	.185	.093	.027	.161	.082	.024	.138	.072	.021	.117	.062	.018		
7.0	.184	.091	.026	.172	.086	.024	.149	.075	.022	.128	.066	.019	.109	.056	.017		
8.0	.171	.084	.024	.160	.079	.022	.139	.070	.020	.120	.061	.018	.101	.052	.015		
9.0	.160	.078	.022	.150	.073	.021	.131	.065	.018	.113	.056	.016	.095	.048	.014		
10.0	.151	.072	.020	.141	.068	.019	.123	.060	.017	.106	.053	.015	.090	.045	.013		

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	.519	.519	.519	.443	.443	.443	.302	.302	.302	.174	.174	.174	.056	.056	.056	
1.0	.514	.486	.461	.440	.418	.397	.301	.287	.275	.173	.166	.160	.056	.054	.052	
2.0	.506	.465	.430	.433	.400	.372	.297	.277	.260	.171	.161	.152	.055	.052	.050	
3.0	.497	.449	.410	.426	.387	.356	.293	.269	.250	.169	.157	.147	.054	.051	.048	
4.0	.490	.437	.397	.420	.378	.345	.289	.263	.243	.167	.154	.144	.054	.050	.047	
5.0	.482	.427	.387	.414	.370	.337	.285	.258	.238	.165	.152	.141	.053	.049	.046	
6.0	.475	.420	.380	.409	.364	.331	.282	.254	.234	.164	.150	.139	.053	.049	.046	
7.0	.469	.413	.375	.403	.358	.326	.279	.251	.231	.162	.148	.138	.052	.048	.046	
8.0	.463	.408	.370	.398	.354	.323	.276	.249	.229	.160	.147	.137	.052	.048	.045	
9.0	.457	.404	.367	.394	.350	.320	.273	.246	.227	.159	.145	.136	.052	.048	.045	
10.0	.452	.400	.365	.390	.347	.318	.270	.244	.226	.158	.144	.135	.051	.047	.045	

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:230.09V I:0.0512A P:11.497W PF:0.9755 Freq:50.00Hz Lamp Flux:69.7301x1 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	0.3	1.3	1.1	2.1	3.1	1.3	2.4	2.1	3.1	4.1	
	3H	0.5	1.4	1.3	2.2	3.2	1.8	2.8	2.7	3.6	4.6
	4H	0.4	1.2	1.2	2.1	3.1	1.9	2.7	2.7	3.6	4.6
	6H	7.2	8.0	8.0	8.8	9.9	5.3	6.1	6.1	6.9	8.0
	8H	9.0	9.8	9.9	10.7	11.7	10.7	11.5	11.6	12.4	13.4
	12H	9.3	10.0	10.2	10.9	12.0	13.7	14.5	14.6	15.3	16.4
4H	2H	0.4	1.3	1.2	2.1	3.2	1.3	2.2	2.1	3.0	4.0
	3H	0.6	1.3	1.5	2.2	3.3	1.9	2.6	2.7	3.5	4.6
	4H	0.5	1.2	1.4	2.1	3.2	1.9	2.6	2.8	3.5	4.6
	6H	8.7	9.3	9.6	10.2	11.4	6.9	7.5	7.8	8.4	9.6
	8H	10.6	11.2	11.6	12.1	13.3	12.4	13.0	13.3	13.9	15.1
	12H	11.0	11.5	11.9	12.4	13.6	15.3	15.8	16.2	16.7	17.9
8H	4H	1.7	2.3	2.6	3.2	4.4	2.6	3.1	3.5	4.0	5.2
	6H	10.4	10.9	11.4	11.9	13.1	9.4	9.9	10.4	10.8	12.1
	8H	12.2	12.6	13.2	13.6	14.8	14.1	14.6	15.1	15.5	16.8
	12H	12.5	12.9	13.5	13.9	15.1	16.6	17.0	17.6	18.0	19.2
12H	4H	4.2	4.7	5.1	5.6	6.8	4.7	5.2	5.6	6.1	7.3
	6H	11.3	11.7	12.2	12.7	13.9	10.6	11.0	11.5	12.0	13.2
	8H	12.9	13.3	13.9	14.3	15.5	14.7	15.1	15.7	16.0	17.3
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H	+ 0.1 / - 0.1					+ 0.2 / - 0.2					
1.5H	+ 0.1 / - 0.1					+ 0.4 / - 0.5					
2.0H	+ 0.2 / - 0.2					+ 0.5 / - 0.5					

CIE Pub.117, 69.73 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -9.3)
Area: 0.07065 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:230.09V I:0.0512A P:11.497W PF:0.9755 Freq:50.00Hz Lamp Flux:69.7301x1 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	45	33	27	43	33	26	41	31	26	19
0.80	54	42	34	52	40	33	47	38	32	24
1.00	61	49	41	58	47	40	53	45	38	28
1.25	68	56	47	64	53	46	58	49	43	31
1.50	72	61	52	68	58	50	61	53	46	33
2.00	79	68	60	74	65	57	66	58	52	36
2.50	83	73	65	78	69	62	68	61	56	38
3.00	87	77	70	81	73	66	70	64	59	40
4.00	91	83	76	85	78	72	73	68	64	42
5.00	94	87	81	87	81	76	75	71	67	43
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

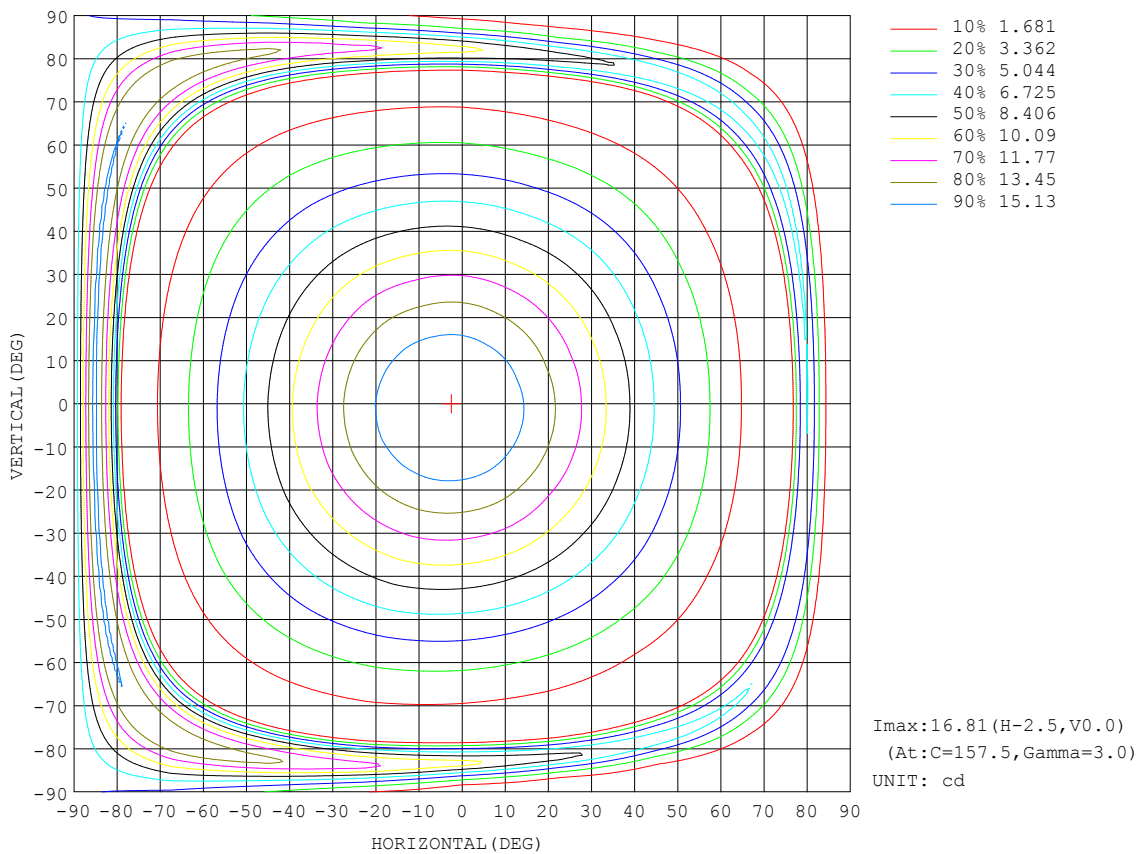
Assessor: Akin Xu



ROSS GARDAM

ISOCANDELA DIAGRAM

Test:U:230.09V I:0.0512A P:11.497W PF:0.9755 Freq:50.00Hz Lamp Flux:69.730lx1 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

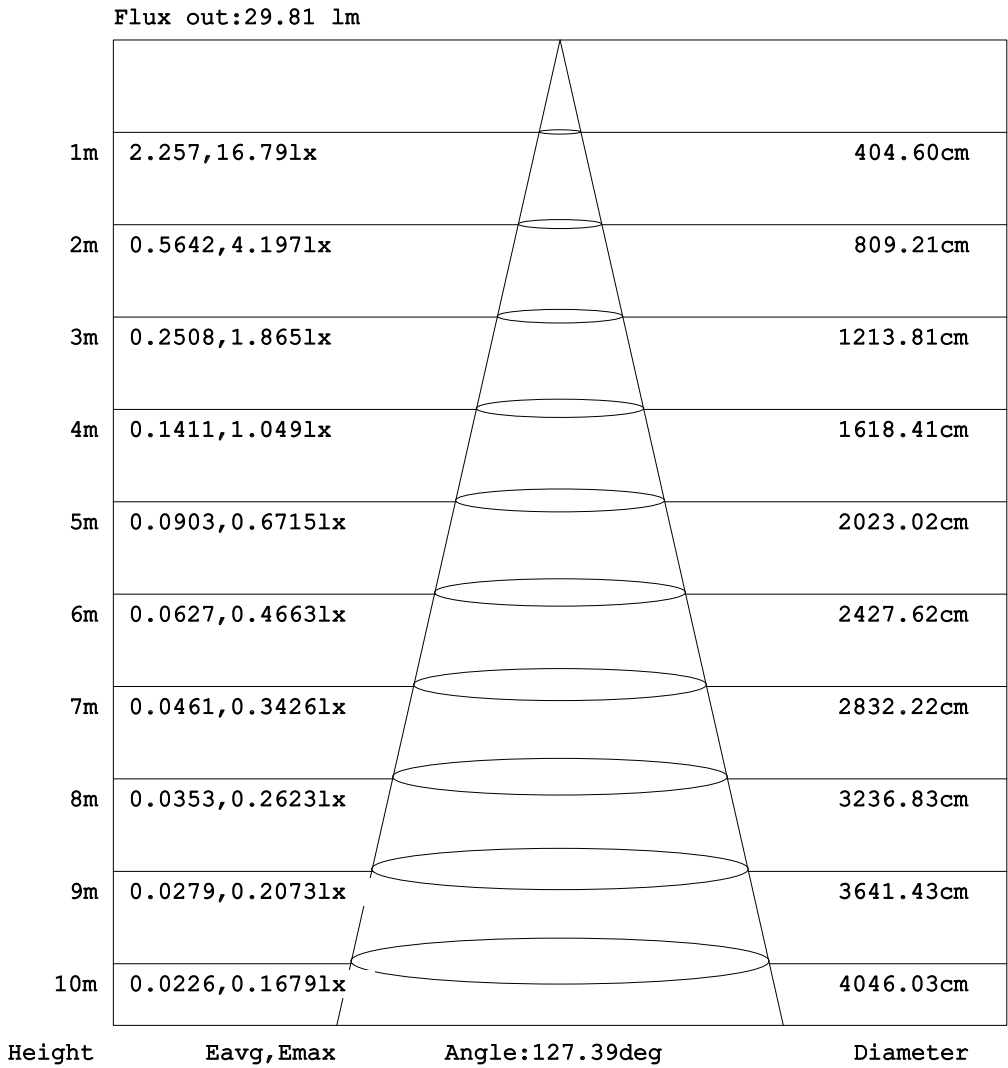
Assessor: Akin Xu



ROSS GARDAM

AAI Figure

Test:U:230.09V I:0.0512A P:11.497W PF:0.9755 Freq:50.00Hz Lamp Flux:69.7301x1 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.

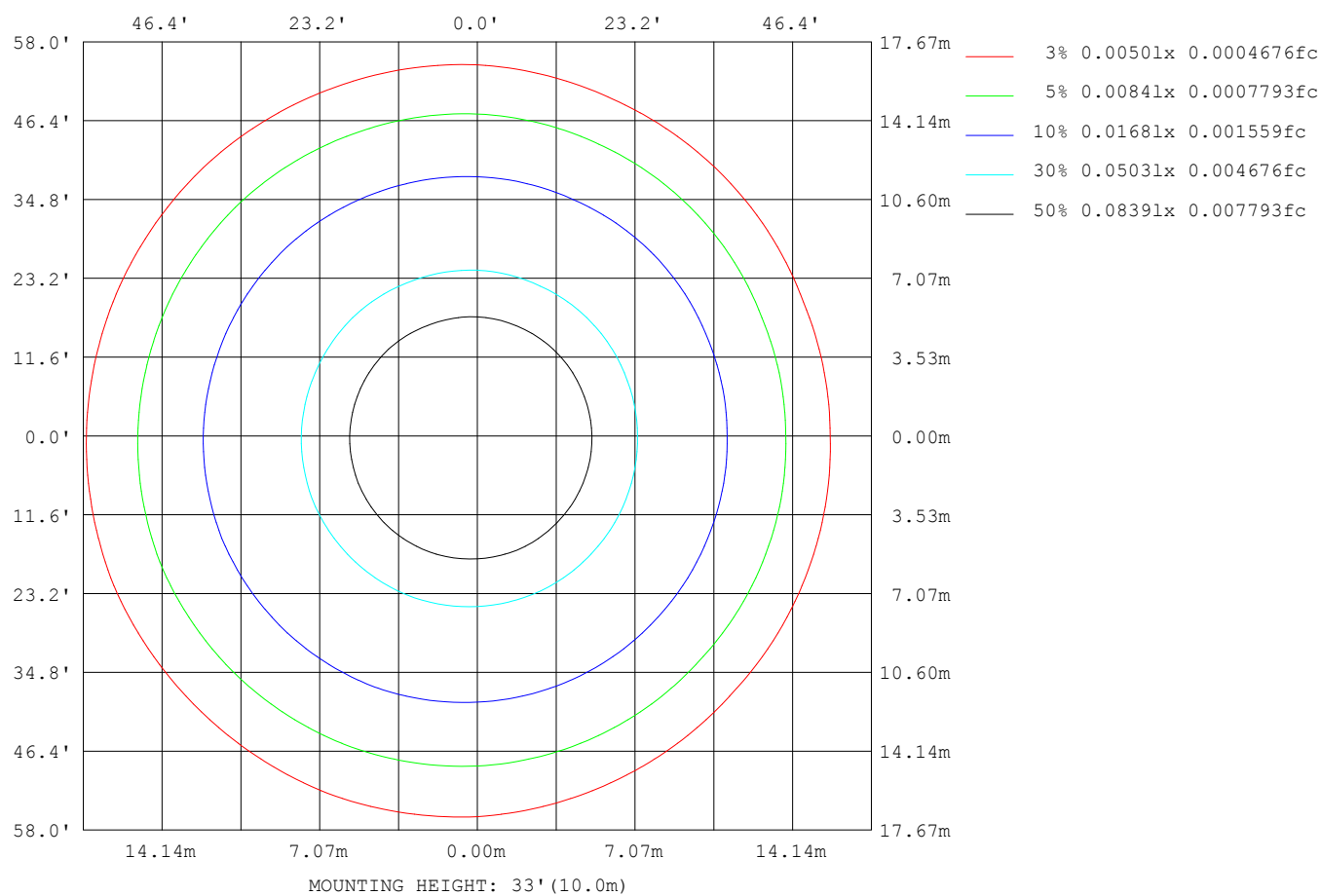
C Range: 0 - 360DEG	γ Range: 0 - 180DEG
C Interval: 22.5DEG	γ Interval: 0.5DEG
Test Speed: HIGH	Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.444
Temperature:25.1DEG	Humidity:60.5%
Operators:Wilson	Test Distance:2.617m [K=1.0000]
Test Date:2022-12-02	Remarks: File No.: WT-F-504-3206-01-A
Checker: Near Gao	Assessor: Akin Xu



ROSS GARDAM

ISOLUX DIAGRAM

Test:U:230.09V I:0.0512A P:11.497W PF:0.9755 Freq:50.00Hz		
Lamp Flux:69.7301x1 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:230.09V I:0.0512A P:11.497W PF:0.9755 Freq:50.00Hz Lamp Flux:69.7301x1 lm		
NAME: LED Light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Ross Gardam	SUR.:	Shielding Angle:

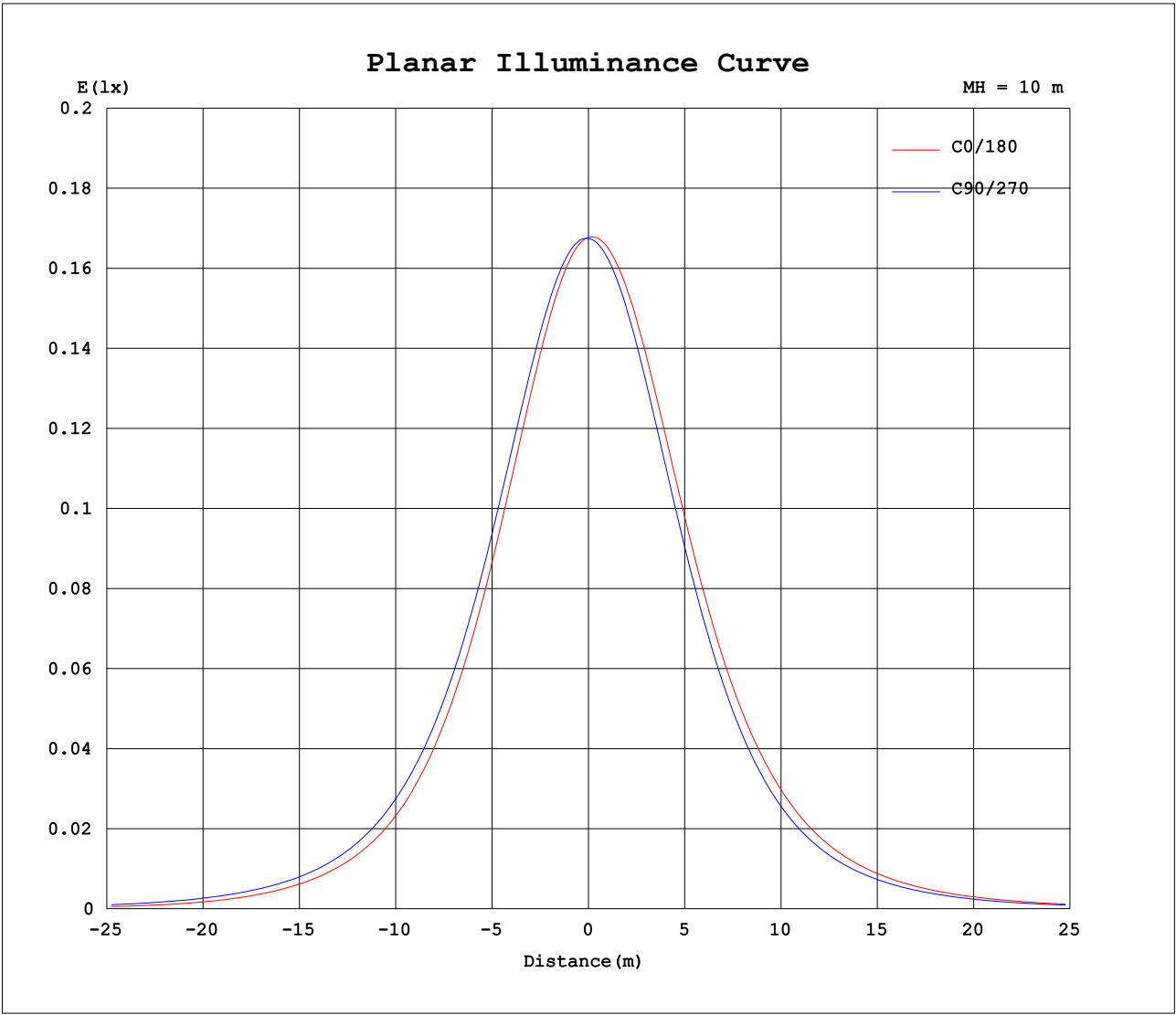
AvgL	cd/m2
L_0~180 (65) av	77
L_0~180 (75) av	35
L_0~180 (85) av	1347
L_90~270 (65) av	84
L_90~270 (75) av	38
L_90~270 (85) av	1184
L_45 (65) av	81
L_45 (75) av	35
L_45 (85) av	1265

Standard: GB/T 29293-2012

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:2022-12-02	Remarks: File No.: WT-F-504-3206-01-A
Checker: Near Gao	Assessor: Akin Xu



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:2022-12-02	Remarks: File No.: WT-F-504-3206-01-A
Checker: Near Gao	Assessor: Akin Xu



ROSS GARDAM

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.09V I:0.0512A P:11.497W PF:0.9755 Freq:50.00Hz		
Lamp Flux:69.7301x1 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	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7			
5	16.5	16.5	16.6	16.6	16.7	16.7	16.8	16.8	16.8	16.7	16.7	16.6	16.5	16.5	16.5	16.4			
10	15.9	15.9	16.0	16.2	16.3	16.4	16.5	16.5	16.5	16.4	16.3	16.2	16.1	15.9	15.9	15.8			
15	15.0	15.1	15.2	15.4	15.6	15.8	15.9	16.0	16.0	15.8	15.7	15.5	15.3	15.1	15.0	14.9			
20	13.8	14.0	14.2	14.4	14.7	14.9	15.1	15.2	15.1	15.0	14.8	14.5	14.3	14.0	13.9	13.8			
25	12.5	12.7	12.9	13.2	13.5	13.8	14.0	14.1	14.1	13.9	13.6	13.3	13.0	12.8	12.6	12.5			
30	11.1	11.2	11.5	11.9	12.2	12.5	12.7	12.9	12.8	12.6	12.3	11.9	11.7	11.4	11.2	11.0			
35	9.58	9.74	9.98	10.4	10.7	11.1	11.3	11.5	11.4	11.1	10.9	10.5	10.2	9.86	9.69	9.57			
40	8.06	8.23	8.51	8.90	9.26	9.67	9.84	10.0	9.90	9.64	9.39	9.02	8.72	8.37	8.23	8.06			
45	6.58	6.73	7.02	7.40	7.77	8.18	8.35	8.50	8.41	8.18	7.91	7.56	7.25	6.94	6.80	6.61			
50	5.21	5.35	5.62	6.00	6.35	6.73	6.91	7.04	6.92	6.73	6.49	6.14	5.86	5.58	5.42	5.24			
55	3.95	4.11	4.31	4.67	5.03	5.34	5.53	5.64	5.52	5.35	5.14	4.84	4.61	4.33	4.14	3.94			
60	2.75	2.87	3.11	3.45	3.81	4.08	4.20	4.32	4.21	4.08	3.91	3.67	3.46	3.15	2.94	2.78			
65	1.63	1.71	1.92	2.32	2.63	2.92	3.00	3.05	2.99	2.89	2.80	2.58	2.39	2.10	1.90	1.69			
70	0.83	0.88	1.00	1.30	1.58	1.82	1.85	1.83	1.81	1.75	1.68	1.55	1.45	1.20	0.98	0.85			
75	0.35	0.37	0.43	0.58	0.75	0.90	0.93	0.93	0.93	0.88	0.80	0.71	0.64	0.52	0.42	0.36			
80	6.76	6.34	6.22	5.49	5.15	4.13	3.90	3.30	3.89	5.22	6.29	7.75	8.21	8.18	7.75	7.38			
85	1.27	1.45	2.25	4.63	7.88	11.7	13.8	14.8	15.3	14.9	12.8	9.74	6.71	3.69	2.30	1.53			
90	1.15	1.07	0.93	0.86	0.90	1.72	3.31	4.76	5.16	4.37	3.15	2.08	1.21	0.98	1.03	1.16			
95	3.62	3.37	3.02	2.00	1.54	1.28	1.40	1.50	1.52	1.55	1.63	1.80	1.99	2.59	3.12	3.68			
100	7.77	7.73	7.94	8.08	7.87	6.91	6.38	5.83	5.68	6.29	6.49	7.28	7.76	8.01	7.54	7.74			
105	8.42	8.69	8.94	9.77	10.5	10.9	10.9	10.7	10.7	10.6	10.5	9.79	9.41	8.89	8.64	8.36			
110	7.72	7.87	8.27	8.99	9.76	10.6	10.7	11.1	11.0	10.6	9.97	9.39	8.98	8.49	8.08	7.85			
115	6.16	6.27	6.76	7.44	8.12	8.86	9.13	9.40	9.52	9.22	8.72	8.10	7.51	6.96	6.60	6.28			
120	4.94	5.08	5.38	5.79	6.32	6.89	7.20	7.38	7.43	7.20	6.87	6.35	5.94	5.50	5.20	4.98			
125	4.11	4.22	4.39	4.68	5.05	5.49	5.71	5.83	5.84	5.67	5.44	5.14	4.86	4.52	4.24	4.09			
130	3.38	3.49	3.64	3.84	4.06	4.45	4.70	4.84	4.76	4.62	4.44	4.25	4.06	3.77	3.51	3.36			
135	2.76	2.84	2.97	3.15	3.31	3.67	3.90	4.03	3.95	3.80	3.68	3.53	3.37	3.11	2.89	2.75			
140	2.16	2.22	2.34	2.52	2.66	2.98	3.18	3.29	3.25	3.13	3.01	2.88	2.70	2.46	2.29	2.20			
145	1.55	1.63	1.75	1.91	2.05	2.30	2.48	2.59	2.59	2.51	2.37	2.22	1.96	1.77	1.66	1.65			
150	1.02	1.11	1.23	1.36	1.49	1.67	1.80	1.92	1.95	1.89	1.77	1.60	1.33	1.25	1.11	1.04			
155	0.66	0.75	0.83	0.92	1.01	1.14	1.23	1.32	1.37	1.35	1.23	1.11	0.94	0.84	0.72	0.62			
160	0.45	0.51	0.56	0.60	0.69	0.77	0.83	0.84	0.89	0.89	0.80	0.69	0.63	0.53	0.49	0.41			
165	0.34	0.36	0.35	0.39	0.47	0.52	0.55	0.57	0.53	0.52	0.49	0.45	0.41	0.36	0.32	0.31			
170	0.26	0.20	0.21	0.24	0.27	0.34	0.35	0.30	0.36	0.30	0.29	0.29	0.24	0.26	0.21	0.24			
175	0.10	0.11	0.12	0.12	0.14	0.15	0.10	0.11	0.13	0.14	0.13	0.13	0.12	0.10	0.05	0.07			
180	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.03			

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

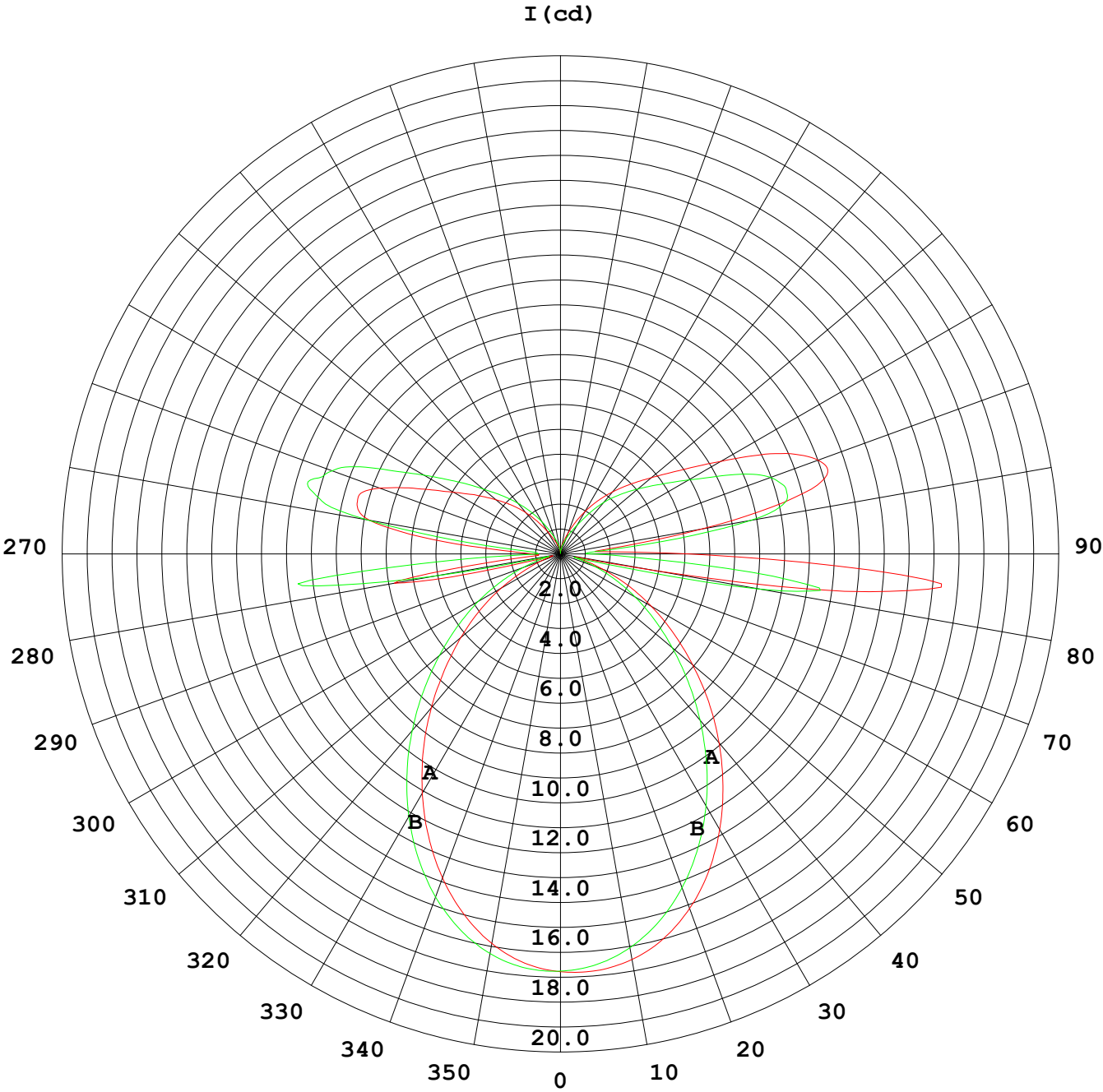
γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.444
Humidity:60.5%
Test Distance:2.617m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

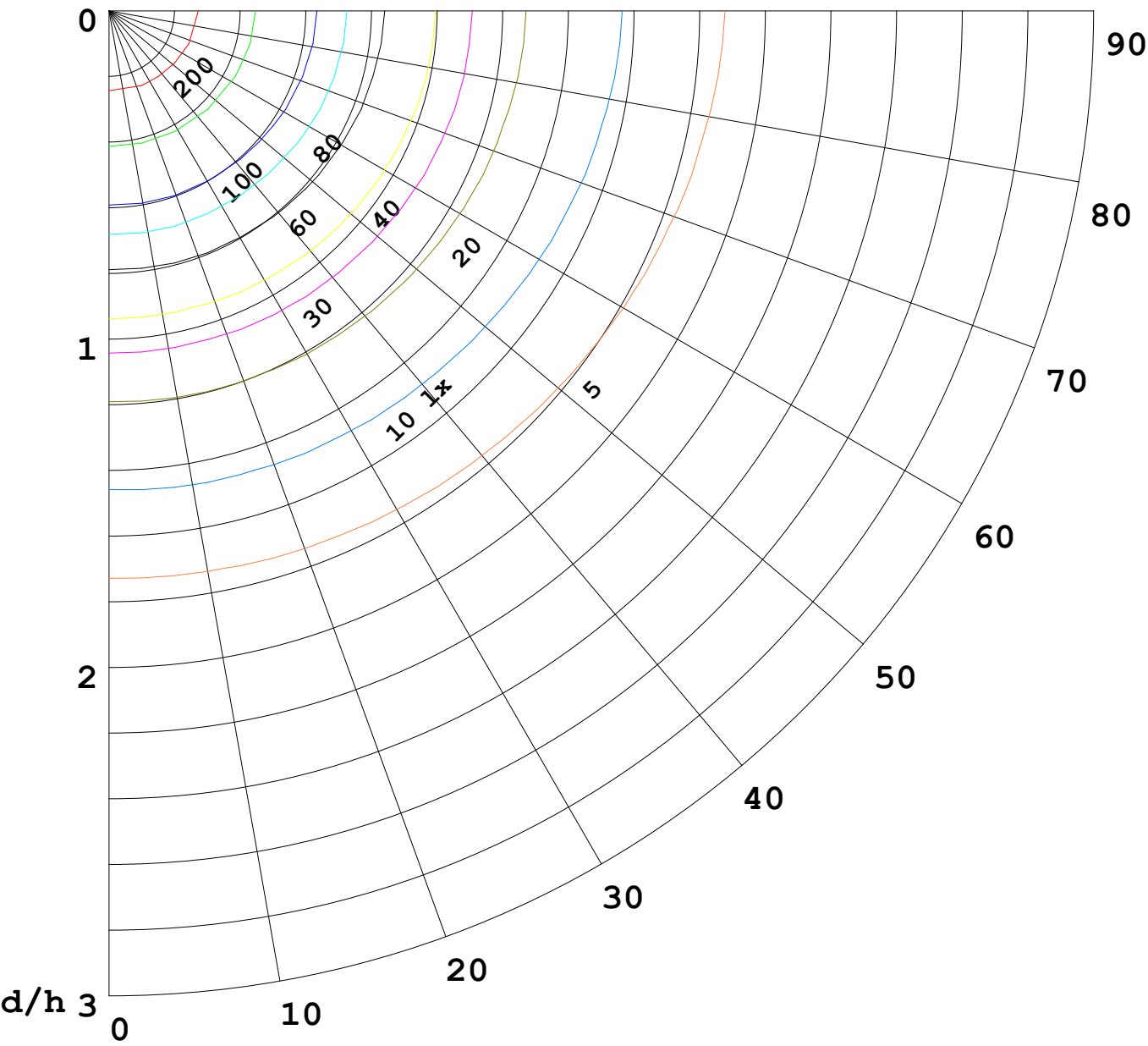


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1000 lm $K = 1$



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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

