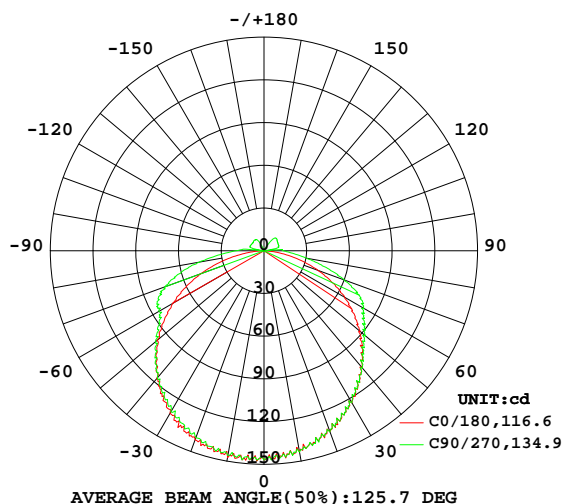


LUMINAIRE PHOTOMETRIC TEST REPORT

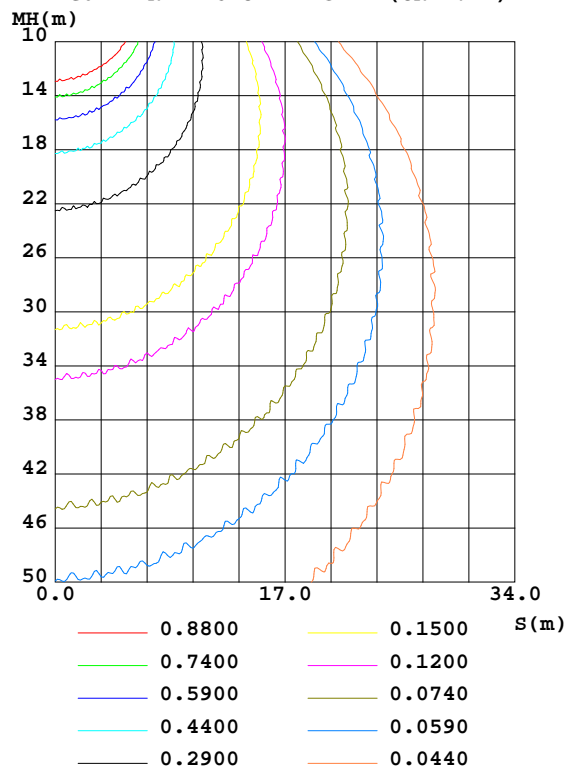
Test:U:100.14V I:0.0648A P:5.6168W PF:0.8662 Freq:60.00Hz Lamp Flux:511.854x1 lm		
NAME: LED rope light and tape light	TYPE:	WEIGHT:
SPEC.: 1meter	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 91.13 lm/W
MODEIR100-2835HY-120L-3000K		Imax(cd)	149.0	S/MH(C0/180)	1.33	
NOMINAL POWER(W)	6	LOR(%)	100.0	S/MH(C90/270)	1.30	
RATED VOLTAGE(V)	100	TOTAL FLUX(lm)	511.85	η UP,DN(C0-180)	2.9,44.9	
NOMINAL FLUX(lm)	511.854	CIE CLASS	DIRECT	η UP,DN(C180-360)	3.1,49.0	
LAMPS INSIDE	1	η up(%)	6.1	CIBSE SHR NOM	1.50	
TEST VOLTAGE(V)	100	η down(%)	93.9	CIBSE SHR MAX	1.50	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:Wilson
Test Date:2023-07-07

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.444
Humidity:60.5%
Test Distance:2.639m [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	143.2	142.8	143.6	145.9	147.5	147.0	146.1	144.5	0- 10	13.87	13.87	2.71,2.71
20	135.2	133.6	135.3	139.1	141.4	142.9	139.8	138.4	10- 20	39.95	53.82	10.5,10.5
30	123.5	121.0	123.3	127.7	132.0	134.0	130.7	127.1	20- 30	61.20	115.0	22.5,22.5
40	107.0	105.4	107.5	110.8	117.2	119.7	116.5	113.1	30- 40	75.02	190.0	37.1,37.1
50	88.21	86.05	93.20	94.35	98.10	102.2	99.23	94.97	40- 50	79.69	269.7	52.7,52.7
60	65.47	69.60	81.15	76.56	74.19	80.93	85.16	75.41	50- 60	75.89	345.6	67.5,67.5
70	40.53	51.90	60.49	58.86	47.22	66.76	73.75	61.04	60- 70	66.73	412.4	80.6,80.6
80	15.22	25.60	30.62	29.62	19.08	40.01	46.00	37.39	70- 80	47.12	459.5	89.8,89.8
90	0.0891	11.03	13.81	12.10	0.4727	15.02	19.84	14.61	80- 90	21.30	480.8	93.9,93.9
100	0.0741	7.857	3.091	8.277	0.0631	7.740	0.1927	8.070	90-100	6.182	487.0	95.1,95.1
110	0.1012	7.665	11.08	8.373	0.0893	8.260	10.39	7.837	100-110	6.878	493.8	96.5,96.5
120	0.1308	7.156	11.24	7.609	0.1276	7.459	9.826	7.043	110-120	6.227	500.1	97.7,97.7
130	0.1565	6.103	12.00	6.206	0.1590	6.930	9.850	6.312	120-130	5.182	505.3	98.7,98.7
140	0.1718	1.918	11.65	2.157	0.1801	5.309	9.958	4.736	130-140	4.051	509.3	99.5,99.5
150	0.1811	0.1648	2.679	0.2166	0.1928	0.1913	7.971	0.2539	140-150	2.112	511.4	99.9,99.9
160	0.1871	0.1742	0.1678	0.2100	0.2014	0.2271	0.1921	0.2261	150-160	0.3659	511.8	100,100
170	0.1953	0.2016	0.1884	0.2021	0.1925	0.1996	0.1773	0.1825	160-170	0.0548	511.8	100,100
180	0.2060	0.2118	0.2143	0.2042	0.2067	0.2132	0.2143	0.2039	170-180	0.0190	511.9	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 229.9 lm

%lum = 44.9%

%lamp = 44.9%

Conical surface Flux(120deg): 345.63 lm

%lum = 67.5%

%lamp = 67.5%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:Wilson
 Test Date:2023-07-07

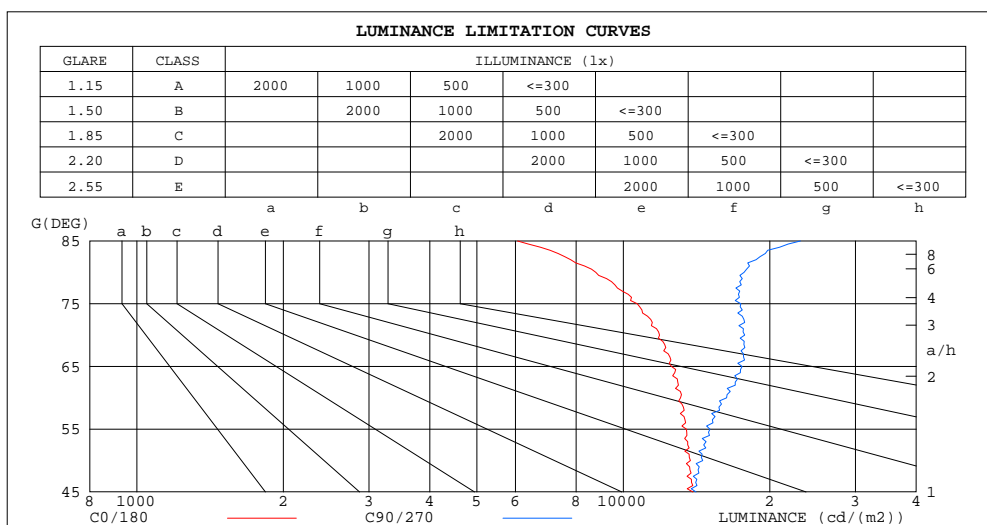
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.444
 Humidity:60.5%
 Test Distance:2.639m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

LUMINANCE LIMITATION CURVES

Test: U:100.14V I:0.0648A P:5.6168W PF:0.8662 Freq:60.00Hz Lamp Flux: 511.854x1 lm		
NAME: LED rope light and tape light	TYPE:	WEIGHT:
SPEC.: 1meter	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	6062	23114
80	8777	17713
75	10680	17436
70	11865	17766
65	12567	17542
60	13111	16302
55	13484	15069
50	13741	14565
45	13894	14106

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.1DEG
Operators: Wilson
Test Date: 2023-07-07

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.444
Humidity: 60.5%
Test Distance: 2.639m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

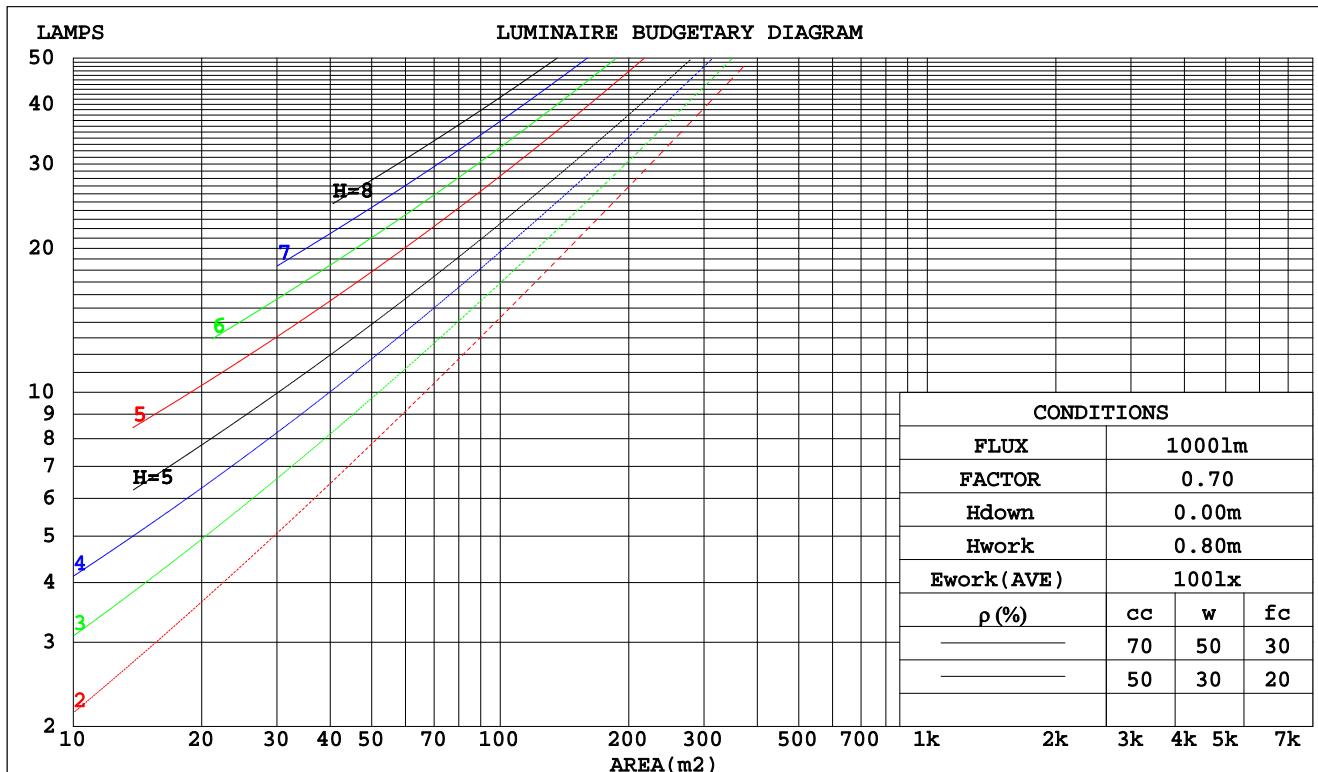
Checker: Near Gao

Assessor: Akin Xu

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:100.14V I:0.0648A P:5.6168W PF:0.8662 Freq:60.00Hz Lamp Flux:511.854x1 lm		
NAME: LED rope light and tape light	TYPE:	WEIGHT:
SPEC.: 1meter	DIM.:	SERIAL No.:
MFR.:	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	1.18	1.18	1.18	1.14	1.14	1.14	1.08	1.08	1.08	1.02	1.02	1.02	.96	.96	.96	.94																
1.0	1.00	.96	.91	.97	.93	.89	.92	.88	.85	.87	.84	.81	.82	.80	.78	.75																
2.0	.86	.79	.73	.84	.77	.71	.79	.74	.69	.75	.70	.66	.71	.67	.64	.61																
3.0	.75	.66	.60	.73	.65	.59	.69	.62	.57	.66	.60	.55	.62	.57	.53	.51																
4.0	.66	.57	.50	.64	.56	.49	.61	.54	.48	.58	.52	.47	.55	.50	.45	.43																
5.0	.59	.50	.43	.57	.49	.42	.55	.47	.41	.52	.45	.40	.49	.44	.39	.37																
6.0	.53	.44	.37	.52	.43	.37	.49	.41	.36	.47	.40	.35	.45	.39	.34	.32																
7.0	.48	.39	.32	.47	.38	.32	.45	.37	.31	.43	.36	.31	.41	.35	.30	.28																
8.0	.44	.35	.29	.43	.34	.28	.41	.33	.28	.39	.32	.27	.37	.31	.27	.25																
9.0	.40	.31	.26	.39	.31	.26	.37	.30	.25	.36	.29	.25	.34	.29	.24	.22																
10.0	.37	.29	.23	.36	.28	.23	.35	.28	.23	.33	.27	.22	.32	.26	.22	.20																



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:Wilson
Test Date:2023-07-07

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.444
Humidity:60.5%
Test Distance:2.639m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

WEC AND CCEC

Test:U:100.14V I:0.0648A P:5.6168W PF:0.8662 Freq:60.00Hz Lamp Flux:511.854x1 lm		
NAME: LED rope light and tape light	TYPE:	WEIGHT:
SPEC.: 1meter	DIM.:	SERIAL No.:
MFR.:	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	.349	.199	.063	.340	.194	.062	.323	.185	.059	.308	.177	.057	.293	.170	.055		
2.0	.316	.173	.053	.308	.170	.052	.293	.163	.051	.279	.157	.049	.266	.151	.048		
3.0	.287	.153	.046	.280	.150	.045	.266	.144	.044	.254	.139	.043	.242	.134	.041		
4.0	.261	.136	.040	.255	.133	.039	.243	.129	.038	.232	.124	.038	.221	.120	.037		
5.0	.239	.122	.035	.234	.120	.035	.223	.116	.034	.213	.112	.033	.203	.109	.033		
6.0	.220	.110	.032	.215	.109	.031	.205	.105	.031	.196	.102	.030	.188	.099	.029		
7.0	.204	.101	.029	.199	.099	.028	.191	.096	.028	.182	.093	.027	.174	.091	.027		
8.0	.190	.093	.026	.186	.091	.026	.178	.089	.025	.170	.086	.025	.163	.084	.024		
9.0	.177	.086	.024	.173	.085	.024	.166	.082	.023	.159	.080	.023	.153	.078	.022		
10.0	.166	.080	.022	.163	.079	.022	.156	.076	.022	.150	.074	.021	.144	.072	.021		

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						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.237	.237	.237	.202	.202	.202	.138	.138	.138	.079	.079	.079	.025	.025	.025	
1.0	.230	.202	.178	.196	.174	.153	.134	.120	.106	.077	.069	.062	.025	.022	.020	
2.0	.222	.179	.142	.191	.154	.123	.131	.106	.086	.075	.062	.050	.024	.020	.016	
3.0	.215	.162	.119	.184	.139	.103	.127	.097	.072	.073	.057	.043	.023	.018	.014	
4.0	.207	.149	.104	.178	.128	.090	.122	.090	.064	.071	.052	.038	.023	.017	.012	
5.0	.200	.139	.093	.171	.120	.081	.118	.084	.057	.068	.049	.034	.022	.016	.011	
6.0	.192	.130	.086	.165	.113	.075	.114	.079	.053	.066	.046	.031	.021	.015	.010	
7.0	.185	.124	.080	.159	.107	.070	.110	.075	.050	.064	.044	.030	.021	.014	.010	
8.0	.179	.118	.076	.154	.102	.066	.106	.072	.047	.062	.042	.028	.020	.014	.009	
9.0	.172	.113	.073	.148	.098	.064	.103	.069	.045	.060	.041	.027	.019	.013	.009	
10.0	.166	.109	.070	.143	.094	.061	.100	.066	.044	.058	.039	.026	.019	.013	.009	

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:Wilson
 Test Date:2023-07-07

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.444
 Humidity:60.5%
 Test Distance:2.639m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

UGR(Unified Glare Rating) Table

Test:U:100.14V I:0.0648A P:5.6168W PF:0.8662 Freq:60.00Hz Lamp Flux:511.854x1 lm											
NAME: LED rope light and tape light					TYPE:			WEIGHT:			
SPEC.: 1meter					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	21.1	22.6	21.5	22.9	23.3	22.0	23.5	22.4	23.8	24.1	
	3H	22.7	24.1	23.1	24.5	24.8	24.2	25.6	24.6	25.9	26.3
	4H	23.4	24.7	23.8	25.0	25.4	25.1	26.4	25.5	26.8	27.2
	6H	23.7	25.0	24.2	25.4	25.8	25.8	27.1	26.2	27.4	27.9
	8H	23.8	25.0	24.3	25.4	25.9	26.1	27.3	26.6	27.7	28.2
	12H	23.9	25.0	24.3	25.4	25.9	26.4	27.6	26.9	28.0	28.4
4H	2H	21.9	23.3	22.4	23.6	24.0	22.6	23.9	23.0	24.3	24.7
	3H	23.8	24.9	24.2	25.3	25.8	25.0	26.1	25.4	26.6	27.0
	4H	24.5	25.6	25.0	26.0	26.5	26.0	27.1	26.5	27.5	28.0
	6H	25.0	26.0	25.5	26.5	27.0	26.9	27.9	27.4	28.3	28.8
	8H	25.2	26.1	25.7	26.6	27.1	27.3	28.2	27.8	28.7	29.2
	12H	25.3	26.1	25.8	26.6	27.1	27.7	28.5	28.2	29.0	29.5
8H	4H	25.0	25.9	25.5	26.4	26.9	26.3	27.2	26.8	27.7	28.2
	6H	25.7	26.5	26.3	27.0	27.5	27.4	28.1	27.9	28.6	29.2
	8H	26.0	26.7	26.6	27.2	27.8	27.9	28.6	28.4	29.1	29.7
	12H	26.2	26.8	26.8	27.3	27.9	28.5	29.0	29.0	29.6	30.2
12H	4H	25.1	25.9	25.6	26.4	26.9	26.3	27.1	26.8	27.6	28.1
	6H	25.9	26.6	26.4	27.1	27.7	27.4	28.1	28.0	28.6	29.2
	8H	26.2	26.8	26.8	27.4	28.0	28.0	28.6	28.6	29.2	29.8
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.1					
1.5H	+ 0.1 / - 0.3					+ 0.1 / - 0.2					
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					

CIE Pub.117, 511.9 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = -2.3$)
 Area: 0.01 m²

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:Wilson
 Test Date:2023-07-07

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.444
 Humidity:60.5%
 Test Distance:2.639m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

UTILIZATION FACTORS TABLE

Test:U:100.14V I:0.0648A P:5.6168W PF:0.8662 Freq:60.00Hz Lamp Flux:511.854x1 lm		
NAME: LED rope light and tape light	TYPE:	WEIGHT:
SPEC.: 1meter	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) $k(RI) \times RCR = 5$									
k = 0.60	53	41	34	52	41	34	51	40	34	27
0.80	63	51	43	62	50	43	59	49	42	34
1.00	71	59	51	69	58	51	67	59	50	42
1.25	78	66	59	76	66	58	73	64	57	49
1.50	83	72	64	81	71	64	77	69	62	53
2.00	90	81	73	88	79	72	84	76	70	61
2.50	95	86	79	92	84	78	87	80	75	65
3.00	98	90	84	95	88	82	90	84	80	69
4.00	103	96	90	100	94	89	94	89	85	74
5.00	105	100	95	102	97	93	97	93	89	78
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:2023-07-07

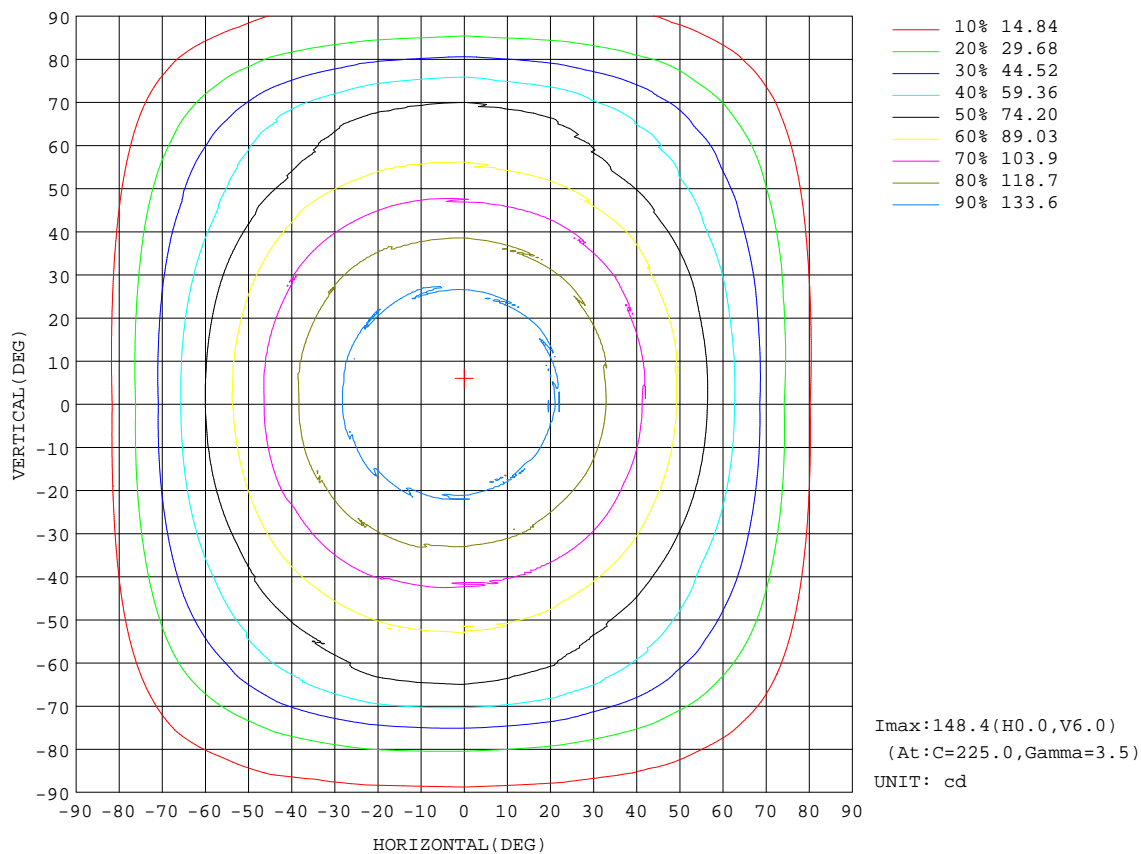
Checker: Near Gao

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 γ Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.444
 Humidity:60.5%
 Test Distance:2.639m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Assessor: Akin Xu

ISOCANDELA DIAGRAM

Test:U:100.14V I:0.0648A P:5.6168W PF:0.8662 Freq:60.00Hz Lamp Flux:511.854x1 lm		
NAME: LED rope light and tape light	TYPE:	WEIGHT:
SPEC.: 1meter	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:Wilson
 Test Date:2023-07-07

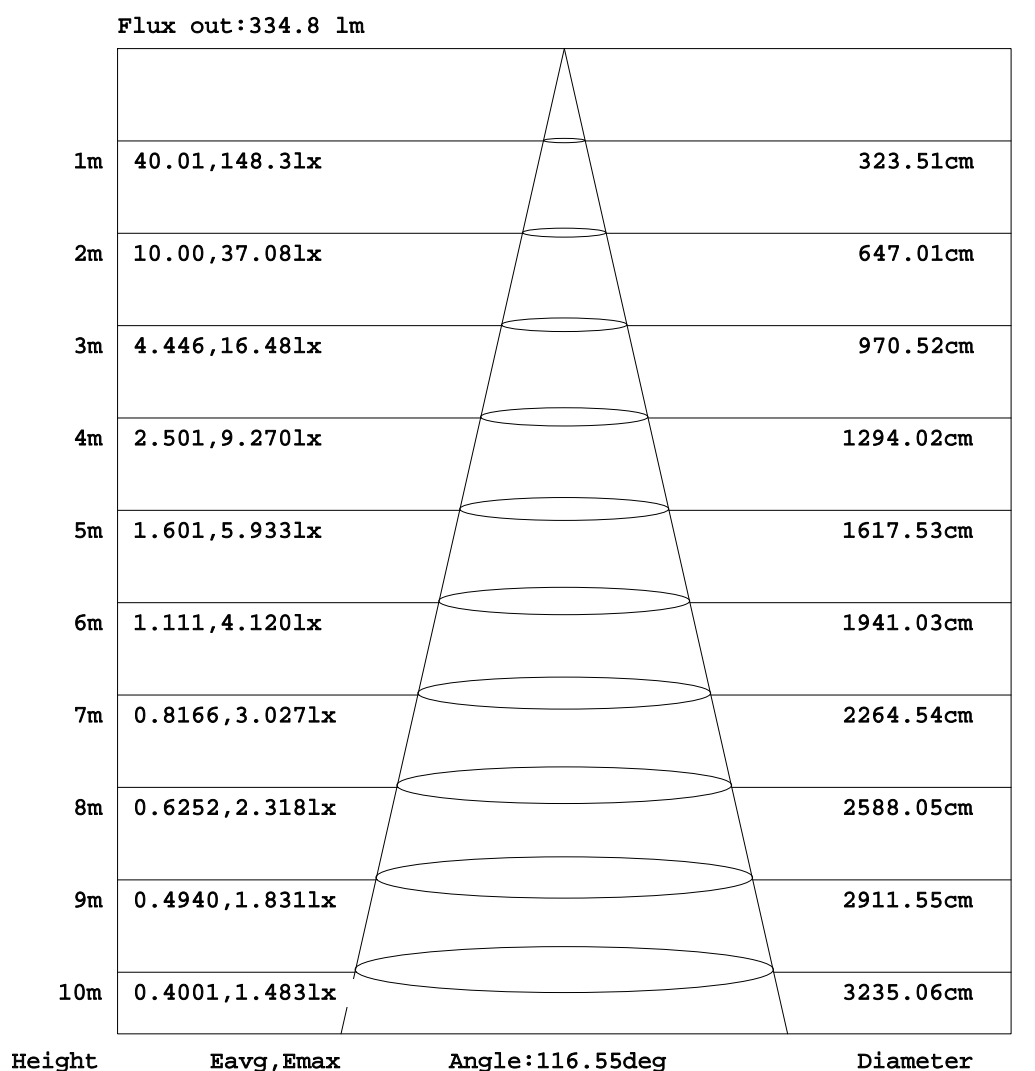
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.444
 Humidity:60.5%
 Test Distance:2.639m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

AAI Figure

Test:U:100.14V I:0.0648A P:5.6168W PF:0.8662 Freq:60.00Hz Lamp Flux:511.854x1 lm		
NAME: LED rope light and tape light	TYPE:	WEIGHT:
SPEC.: 1meter	DIM.:	SERIAL No.:
MFR.:	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: 2023-07-07

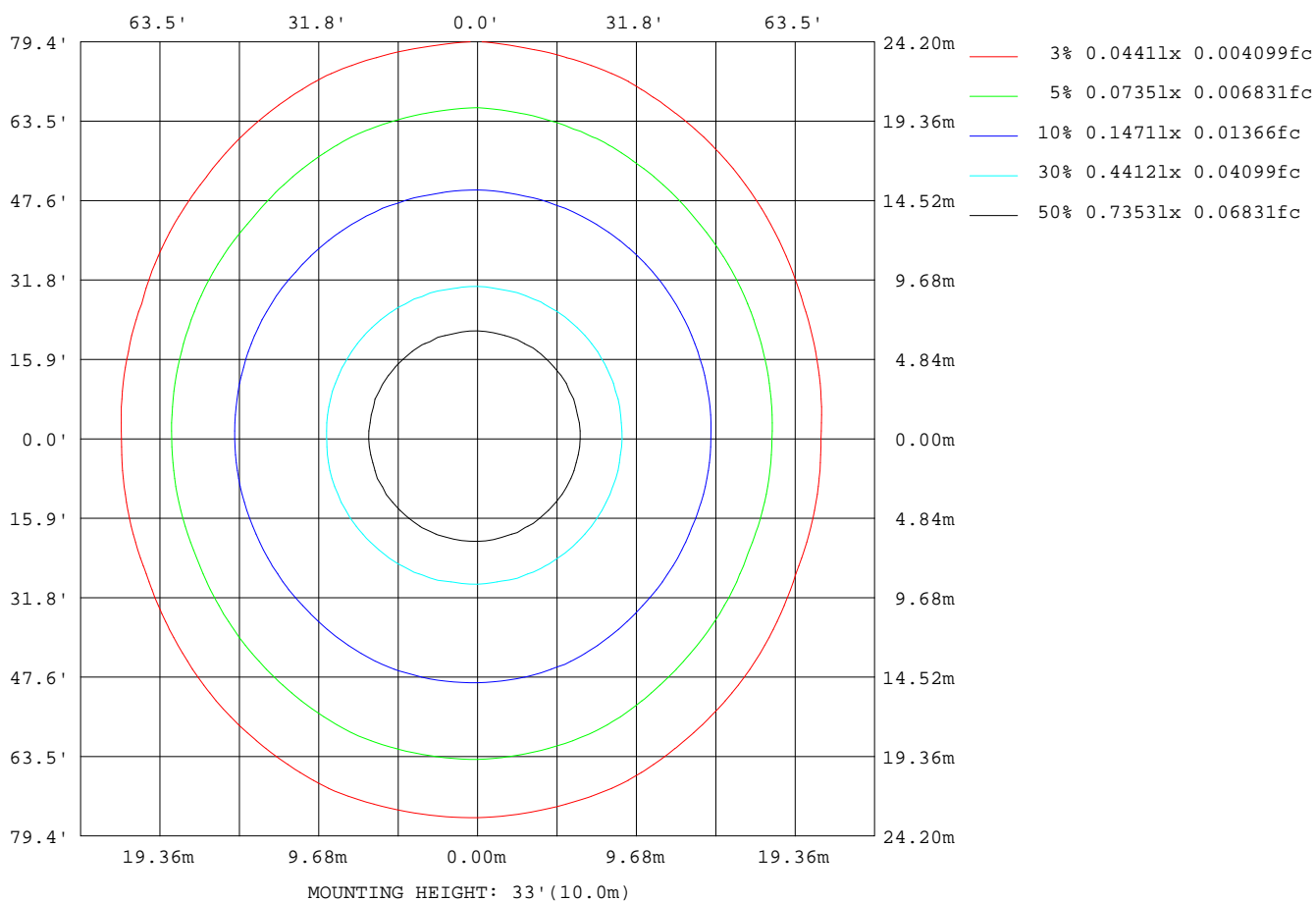
γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.444
Humidity: 60.5%
Test Distance: 2.639m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

ISOLUX DIAGRAM

Test:U:100.14V I:0.0648A P:5.6168W PF:0.8662 Freq:60.00Hz Lamp Flux:511.854x1 lm		
NAME: LED rope light and tape light	TYPE:	WEIGHT:
SPEC.: 1meter	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:Wilson
Test Date:2023-07-07

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.444
Humidity:60.5%
Test Distance:2.639m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

LED Avg.L Report

Test:U:100.14V I:0.0648A P:5.6168W PF:0.8662 Freq:60.00Hz Lamp Flux:511.854x1 lm		
NAME: LED rope light and tape light	TYPE:	WEIGHT:
SPEC.: 1meter	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

AvgL	cd/m2
L_0~180(65)av	13378
L_0~180(75)av	11615
L_0~180(85)av	7201
L_90~270(65)av	18332
L_90~270(75)av	20351
L_90~270(85)av	28852
L_45(65)av	15943
L_45(75)av	18206
L_45(85)av	23819

Standard: GB/T 29293-2012

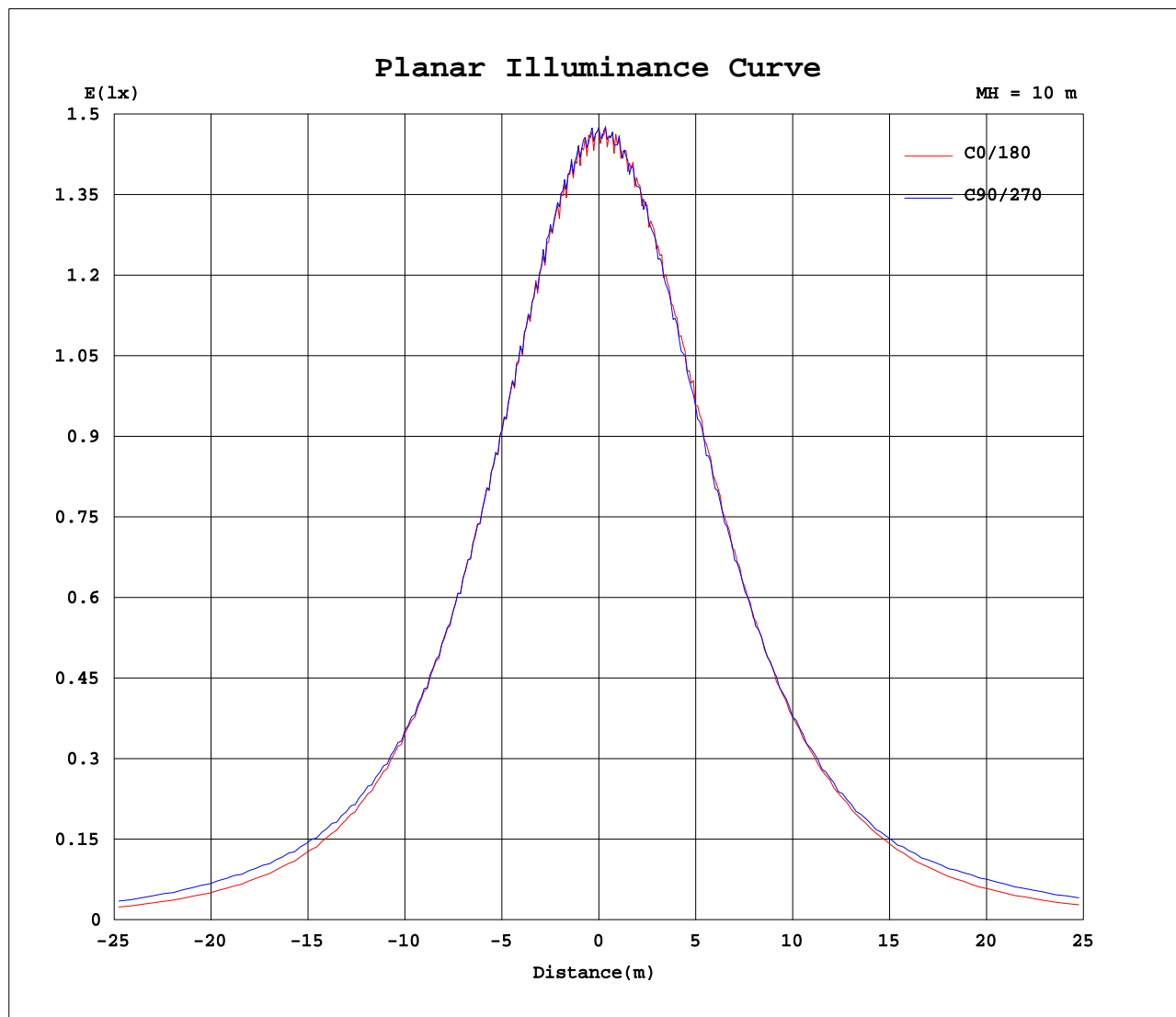
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:Wilson
Test Date:2023-07-07

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:2.639m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Assessor: Akin Xu

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.1DEG
 Operators: Wilson
 Test Date: 2023-07-07

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.444
 Humidity: 60.5%
 Test Distance: 2.639m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:100.14V I:0.0648A P:5.6168W PF:0.8662 Freq:60.00Hz Lamp Flux:511.854x1 lm		
NAME: LED rope light and tape light	TYPE:	WEIGHT:
SPEC.: 1meter	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--1
UNIT: cd

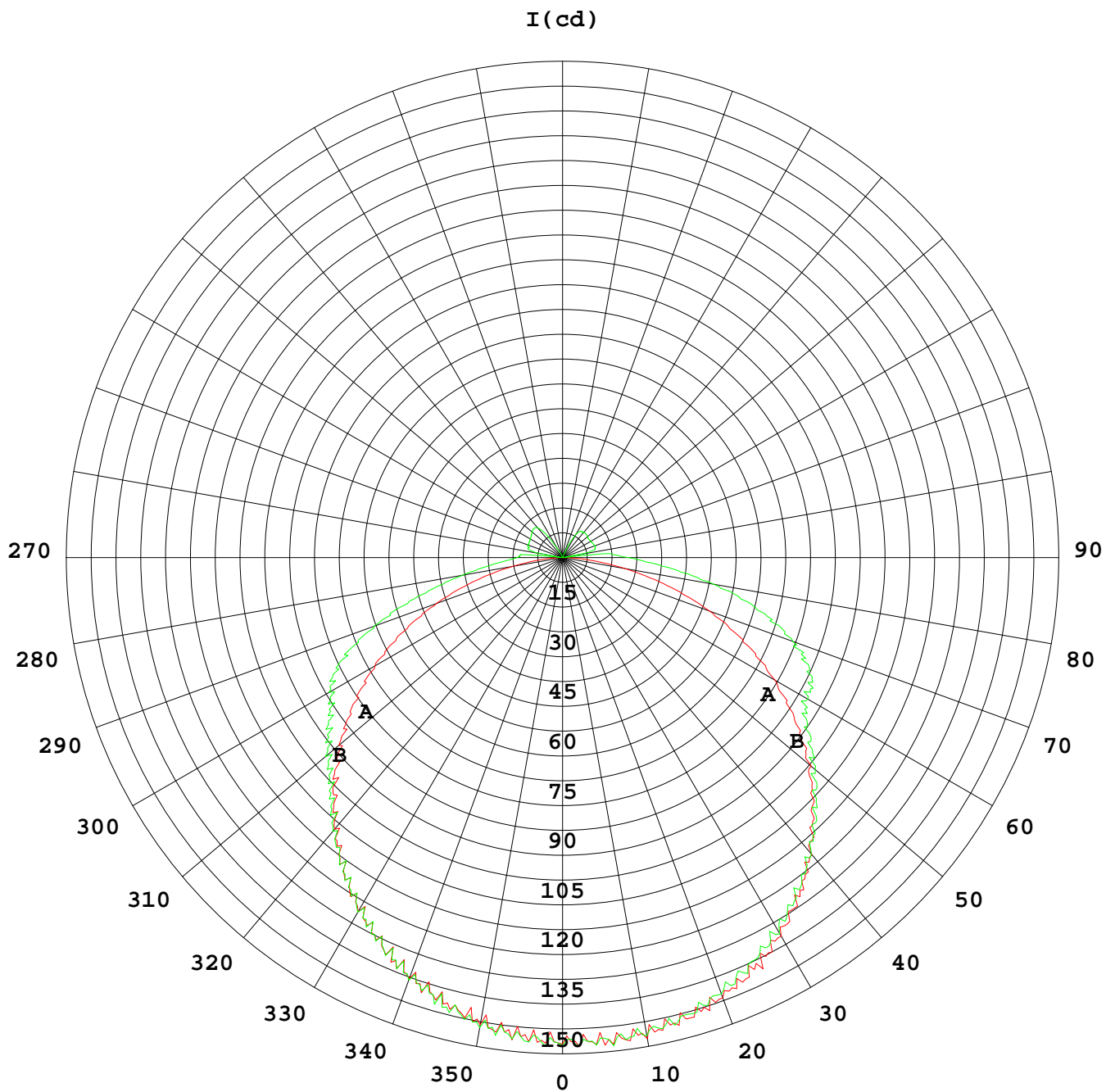
C(DEG) γ (DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	147	147	147	147	147	147	147	147	147	147	147	147	147	147	147	147			
5	145	145	147	143	145	143	145	144	148	148	148	145	145	144	144	143			
10	143	142	143	144	144	144	146	145	147	147	147	146	146	145	145	143			
15	139	138	138	137	140	139	141	141	144	144	145	142	142	140	140	139			
20	135	134	134	134	135	137	139	141	141	143	143	142	140	139	138	137			
25	129	128	128	127	129	130	133	134	137	138	138	135	134	132	131	129			
30	123	123	121	122	123	125	128	130	132	133	134	132	131	129	127	125			
35	115	113	114	114	115	118	120	122	125	126	127	124	121	120	119	116			
40	107	106	105	107	108	110	111	115	117	118	120	119	116	115	113	110			
45	98.1	95.0	96.9	97.7	99.3	101	103	104	106	108	111	109	106	105	103	99.3			
50	88.2	86.6	86.0	91.0	93.2	93.8	94.3	95.5	98.1	99.2	102	101	99.2	97.7	95.0	91.2			
55	77.2	75.1	78.4	83.2	86.0	86.7	84.8	83.8	85.6	87.9	91.3	90.8	88.9	87.1	83.8	80.0			
60	65.5	65.7	69.6	77.6	81.2	80.8	76.6	73.2	74.2	77.2	80.9	84.4	85.2	81.2	75.4	70.4			
65	53.0	54.4	63.0	70.2	73.8	74.4	67.9	61.6	60.0	64.7	72.3	81.1	81.1	76.6	66.4	58.7			
70	40.5	45.3	51.9	58.3	60.5	61.5	58.9	51.0	47.2	53.5	66.8	73.2	73.8	70.2	61.0	49.3			
75	27.6	32.8	39.2	43.1	44.9	46.3	44.4	38.8	32.5	43.8	55.0	60.4	60.4	57.4	49.8	39.0			
80	15.2	20.9	25.6	29.6	30.6	31.5	29.6	25.7	19.1	30.1	40.0	45.2	46.0	43.6	37.4	27.2			
85	5.28	11.1	16.3	18.8	20.1	19.8	18.1	13.7	7.28	16.9	25.0	29.0	30.2	28.5	23.6	15.2			
90	0.09	6.65	11.0	13.2	13.8	13.5	12.1	7.93	0.47	8.70	15.0	18.6	19.8	18.6	14.6	7.90			
95	0.05	1.77	0.14	0.57	6.37	4.07	2.41	2.40	0.10	2.47	1.15	12.5	13.9	12.9	0.08	1.68			
100	0.07	3.50	7.86	8.09	3.09	6.35	8.28	3.46	0.06	3.02	7.74	6.40	0.19	4.24	8.07	3.66			
105	0.09	3.12	8.14	10.1	10.9	10.3	8.79	3.35	0.07	3.80	8.44	9.74	10.0	9.78	8.10	3.67			
110	0.10	2.34	7.66	10.3	11.1	10.3	8.37	2.95	0.09	3.64	8.26	9.99	10.4	9.77	7.84	2.83			
115	0.11	1.53	7.49	10.3	11.1	10.3	7.90	2.12	0.11	3.12	7.72	9.55	9.98	9.33	7.31	2.03			
120	0.13	0.77	7.16	10.4	11.2	10.3	7.61	1.15	0.13	2.38	7.46	9.40	9.83	9.20	7.04	1.67			
125	0.15	0.36	6.85	10.6	11.5	10.6	7.25	0.54	0.14	1.68	7.10	9.15	9.56	8.95	6.55	0.95			
130	0.16	0.21	6.10	10.9	12.0	10.8	6.21	0.33	0.16	0.76	6.93	9.19	9.85	9.09	6.31	0.56			
135	0.16	0.18	4.50	10.8	12.4	10.5	4.47	0.20	0.17	0.29	6.42	9.41	9.96	9.26	5.85	0.17			
140	0.17	0.19	1.92	9.27	11.6	9.30	2.16	0.20	0.18	0.21	5.31	8.90	9.96	8.81	4.74	0.20			
145	0.18	0.19	0.81	5.08	8.19	5.54	0.86	0.18	0.18	0.21	3.93	8.15	9.58	8.04	3.00	0.24			
150	0.18	0.18	0.16	1.63	2.68	1.66	0.22	0.17	0.19	0.18	0.19	6.21	7.97	5.99	0.25	0.22			
155	0.19	0.18	0.22	0.20	0.66	0.25	0.18	0.17	0.20	0.18	0.23	0.55	3.91	0.84	0.22	0.19			
160	0.19	0.20	0.17	0.18	0.17	0.18	0.21	0.20	0.20	0.21	0.23	0.19	0.19	0.23	0.23	0.21			
165	0.18	0.20	0.17	0.17	0.19	0.17	0.18	0.20	0.19	0.20	0.18	0.20	0.20	0.20	0.16	0.20			
170	0.20	0.20	0.20	0.19	0.19	0.19	0.20	0.20	0.19	0.20	0.20	0.17	0.18	0.16	0.18	0.19			
175	0.20	0.22	0.22	0.22	0.22	0.21	0.21	0.22	0.20	0.21	0.22	0.20	0.20	0.19	0.19	0.20			
180	0.21	0.20	0.21	0.21	0.21	0.20	0.20	0.20	0.21	0.21	0.21	0.21	0.21	0.20	0.20	0.20			

C Range: 0 - 360DEG
 C Interval: 22.5DEG
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γ Range: 0 - 180DEG
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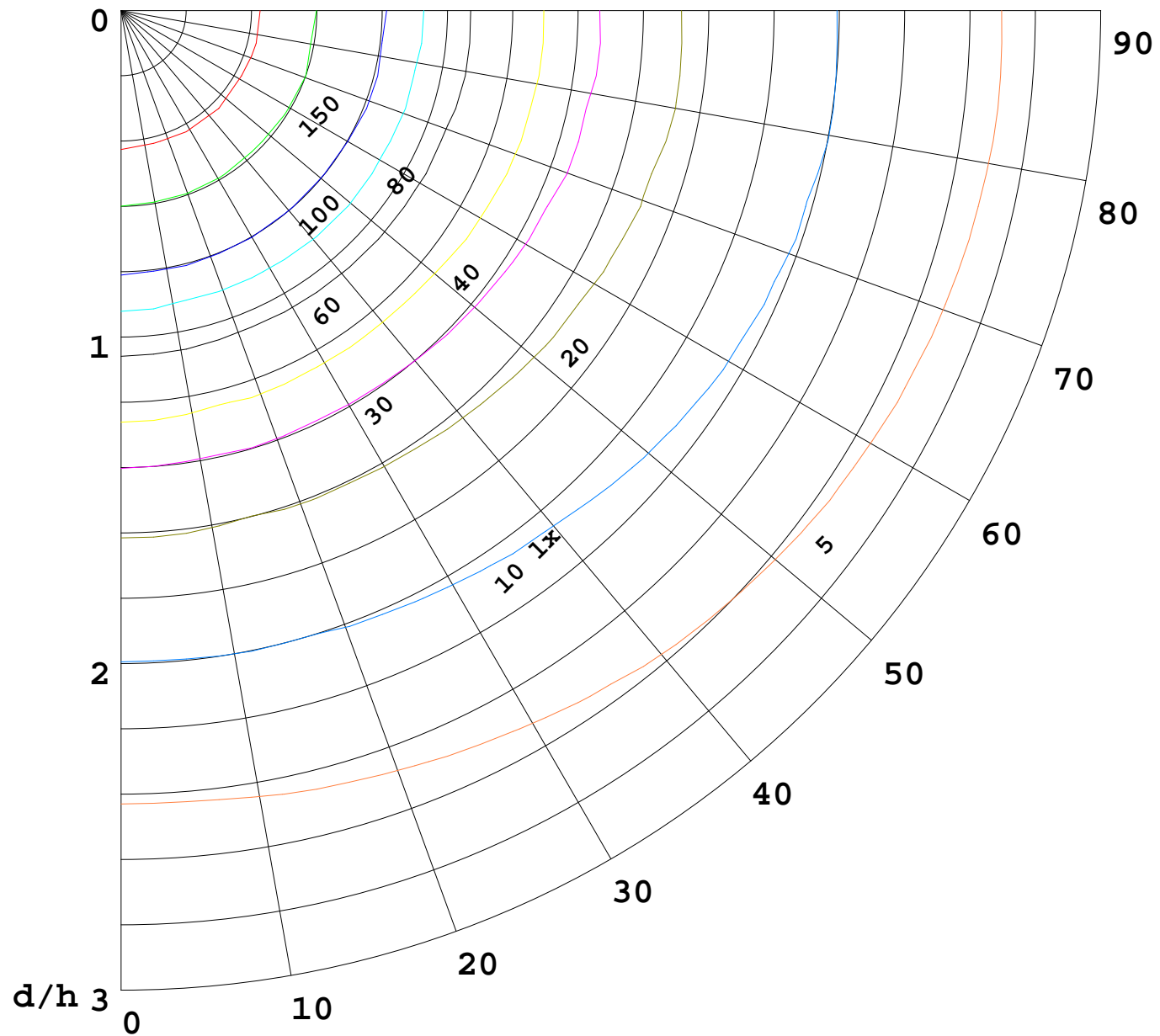
Checker: Near Gao

Assessor: Akin Xu



1000 lm

$\kappa = 1$



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

