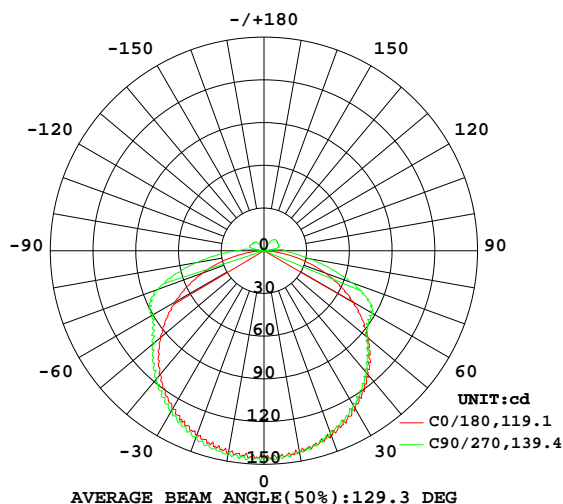


LUMINAIRE PHOTOMETRIC TEST REPORT

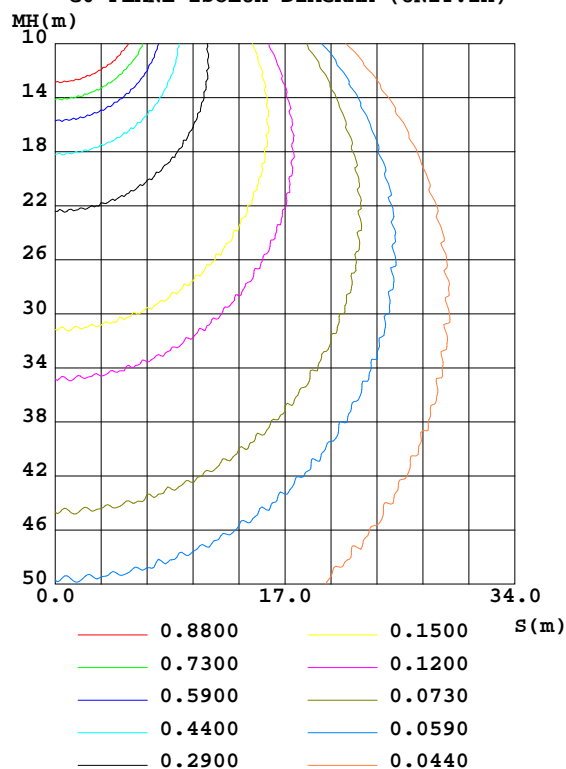
Test:U:100.14V I:0.0644A P:5.5805W PF:0.8659 Freq:60.00Hz Lamp Flux:523.615x1 lm		
NAME: LED rope light and tape light	TYPE:	WEIGHT:
SPEC.: 1meter	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 93.83 lm/W			
MODEIR100-2835HY-120L-6500K		Imax(cd)	148.8	S/MH(C0/180)	1.30
NOMINAL POWER(W)	6	LOR(%)	100.0	S/MH(C90/270)	1.33
RATED VOLTAGE(V)	100	TOTAL FLUX(lm)	523.62	η UP,DN(C0-180)	2.9,45.6
NOMINAL FLUX(lm)	523.615	CIE CLASS	DIRECT	η UP,DN(C180-360)	2.7,48.8
LAMPS INSIDE	1	η up(%)	5.6	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	100	η down(%)	94.4	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	143.3	142.9	143.2	143.4	143.6	144.4	143.8	143.8	0- 10	13.80	13.80	2.64,2.64
20	137.4	136.8	136.7	137.1	137.5	139.3	138.3	139.1	10- 20	39.93	53.73	10.3,10.3
30	127.4	126.3	126.0	126.5	129.1	129.5	128.8	129.1	20- 30	61.47	115.2	22,22
40	113.6	110.7	111.8	112.5	113.4	116.2	116.0	116.4	30- 40	75.94	191.1	36.5,36.5
50	95.67	93.28	95.23	94.51	94.73	99.47	100.2	100.1	40- 50	81.58	272.7	52.1,52.1
60	72.85	74.92	88.08	76.27	72.13	80.97	89.68	81.64	50- 60	78.51	351.2	67.1,67.1
70	46.07	60.31	66.00	61.10	46.27	68.58	78.35	68.88	60- 70	70.98	422.2	80.6,80.6
80	17.84	28.49	32.53	30.73	18.56	39.82	47.23	40.98	70- 80	50.13	472.3	90.2,90.2
90	0.1071	11.66	14.83	12.64	0.5187	14.56	19.51	14.64	80- 90	22.07	494.4	94.4,94.4
100	0.0780	7.840	4.010	8.715	0.0595	7.931	0.2114	7.613	90-100	6.147	500.6	95.6,95.6
110	0.1094	8.108	11.21	8.466	0.0984	7.925	10.56	7.771	100-110	6.899	507.5	96.9,96.9
120	0.1345	7.724	11.10	7.894	0.1251	6.900	9.540	6.505	110-120	6.152	513.6	98.1,98.1
130	0.1484	6.357	11.41	6.789	0.1497	5.338	9.011	4.867	120-130	4.905	518.5	99,99
140	0.1688	2.483	10.24	3.012	0.1767	1.738	7.531	1.551	130-140	3.460	522.0	99.7,99.7
150	0.1738	0.1568	3.668	0.2056	0.1920	0.1799	2.062	0.2059	140-150	1.421	523.4	100,100
160	0.1794	0.1665	0.1664	0.2011	0.1934	0.1944	0.1815	0.1919	150-160	0.1548	523.5	100,100
170	0.1874	0.1983	0.1836	0.1966	0.1902	0.1919	0.1582	0.1743	160-170	0.0515	523.6	100,100
180	0.2024	0.2040	0.2084	0.2039	0.2031	0.2054	0.2109	0.2028	170-180	0.0186	523.6	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 231.83 lm

%lum = 44.3%

%lamp = 44.3%

Conical surface Flux(120deg): 351.23 lm

%lum = 67.1%

%lamp = 67.1%

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

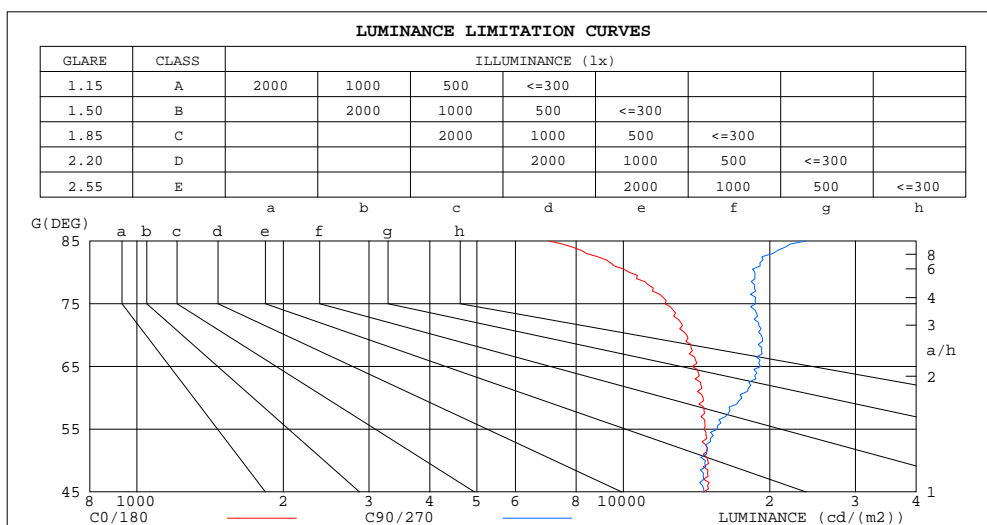
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.444
 Humidity:60.5%
 Test Distance:2.639m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

LUMINANCE LIMITATION CURVES

Test:U:100.14V I:0.0644A P:5.5805W PF:0.8659 Freq:60.00Hz Lamp Flux:523.615x1 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	7044	23726
80	10295	18640
75	12181	18704
70	13495	19202
65	13866	19145
60	14597	17529
55	14652	15612
50	14911	14743
45	14626	14638

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

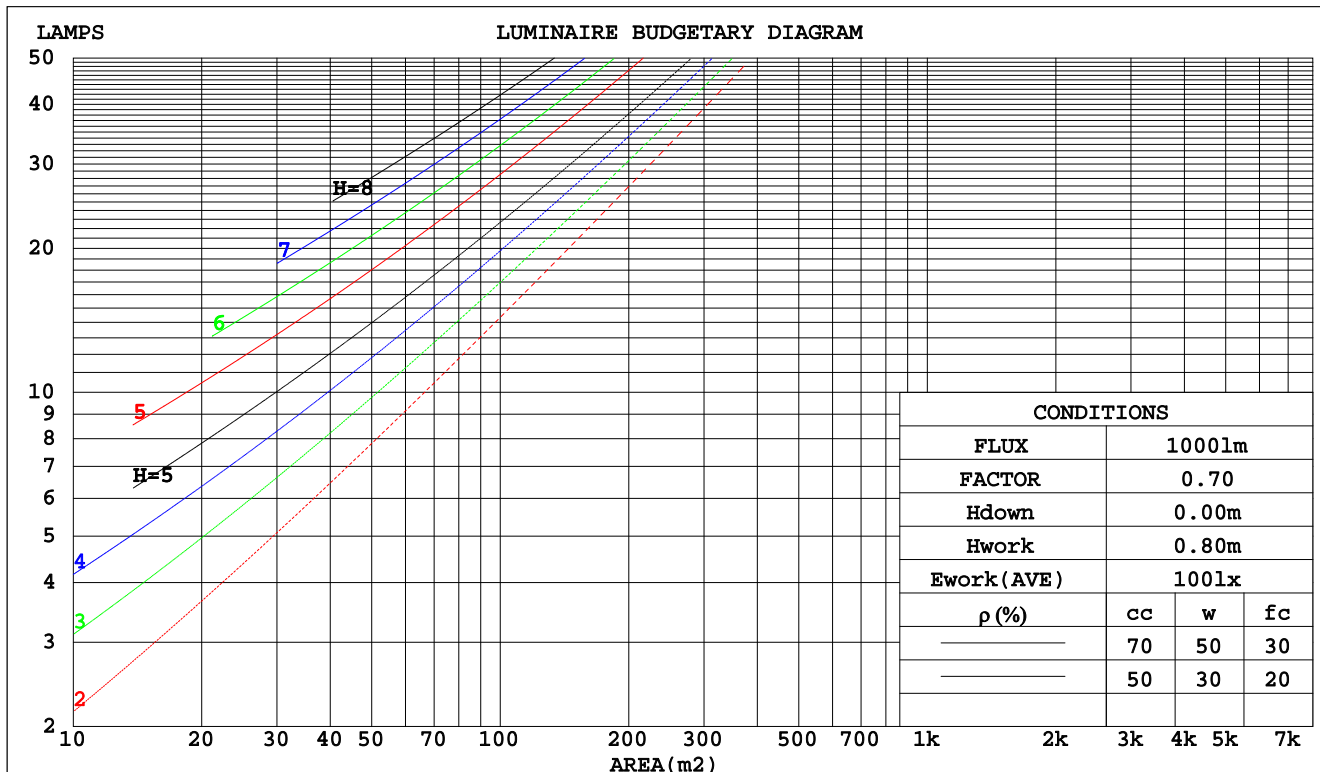
Checker: Near Gao

Assessor: Akin Xu

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:100.14V I:0.0644A P:5.5805W PF:0.8659 Freq:60.00Hz Lamp Flux:523.615x1 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	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	.97	.97	.97	.94
1.0	1.00	.95	.91	.97	.93	.89	.92	.88	.85	.87	.84	.81	.83	.80	.78	.75
2.0	.86	.79	.72	.84	.77	.71	.79	.73	.68	.75	.70	.66	.71	.67	.64	.61
3.0	.75	.66	.59	.73	.65	.58	.69	.62	.56	.65	.60	.55	.62	.57	.53	.50
4.0	.66	.57	.49	.64	.55	.49	.61	.53	.47	.58	.51	.46	.55	.49	.45	.42
5.0	.59	.49	.42	.57	.48	.42	.54	.47	.41	.52	.45	.40	.49	.43	.39	.36
6.0	.52	.43	.36	.51	.42	.36	.49	.41	.35	.47	.40	.34	.44	.38	.34	.31
7.0	.47	.38	.32	.46	.38	.32	.44	.37	.31	.42	.35	.30	.40	.34	.30	.28
8.0	.43	.34	.28	.42	.34	.28	.40	.33	.28	.39	.32	.27	.37	.31	.27	.24
9.0	.40	.31	.25	.39	.31	.25	.37	.30	.25	.36	.29	.24	.34	.28	.24	.22
10.0	.36	.28	.23	.36	.28	.23	.34	.27	.22	.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:0.0644A P:5.5805W PF:0.8659 Freq:60.00Hz Lamp Flux:523.615x1 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						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.353	.201	.064	.344	.196	.062	.327	.188	.060	.312	.180	.058	.298	.173	.056		
2.0	.320	.175	.054	.312	.172	.053	.297	.165	.051	.283	.159	.050	.271	.153	.048		
3.0	.290	.154	.046	.283	.151	.046	.269	.146	.044	.257	.141	.043	.246	.136	.042		
4.0	.264	.137	.040	.257	.135	.040	.245	.130	.039	.234	.126	.038	.224	.122	.037		
5.0	.241	.123	.036	.236	.121	.035	.225	.117	.034	.215	.113	.034	.206	.110	.033		
6.0	.222	.111	.032	.217	.110	.032	.207	.106	.031	.198	.103	.030	.190	.100	.030		
7.0	.205	.102	.029	.201	.100	.029	.192	.097	.028	.184	.094	.027	.176	.092	.027		
8.0	.191	.093	.026	.187	.092	.026	.179	.089	.026	.172	.087	.025	.165	.084	.025		
9.0	.178	.086	.024	.174	.085	.024	.167	.083	.023	.161	.080	.023	.154	.078	.023		
10.0	.167	.080	.022	.164	.079	.022	.157	.077	.022	.151	.075	.021	.145	.073	.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	.233	.233	.233	.199	.199	.199	.136	.136	.136	.078	.078	.078	.025	.025	.025		
1.0	.226	.199	.174	.193	.170	.150	.132	.117	.103	.076	.068	.060	.024	.022	.019		
2.0	.219	.175	.138	.188	.151	.119	.129	.104	.083	.074	.061	.049	.024	.020	.016		
3.0	.212	.158	.115	.181	.136	.100	.125	.095	.070	.072	.055	.041	.023	.018	.013		
4.0	.204	.145	.100	.175	.125	.087	.120	.087	.061	.070	.051	.036	.022	.017	.012		
5.0	.196	.135	.089	.169	.117	.078	.116	.081	.055	.067	.048	.033	.022	.016	.011		
6.0	.189	.127	.082	.162	.110	.071	.112	.077	.050	.065	.045	.030	.021	.015	.010		
7.0	.182	.120	.076	.156	.104	.066	.108	.073	.047	.063	.043	.028	.020	.014	.009		
8.0	.175	.114	.072	.151	.099	.063	.104	.069	.045	.061	.041	.027	.020	.013	.009		
9.0	.169	.109	.069	.145	.095	.060	.101	.067	.043	.059	.039	.025	.019	.013	.008		
10.0	.163	.105	.066	.140	.091	.058	.097	.064	.041	.057	.038	.025	.018	.012	.008		

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:0.0644A P:5.5805W PF:0.8659 Freq:60.00Hz Lamp Flux:523.615x1 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	21.7	23.2	22.0	23.5	23.8	22.4	23.9	22.7	24.2	24.5
3H	23.4	24.8	23.7	25.1	25.5	24.7	26.1	25.1	26.4	26.8
4H	24.0	25.4	24.4	25.7	26.1	25.6	26.9	26.0	27.3	27.7
6H	24.5	25.7	24.9	26.1	26.5	26.3	27.6	26.7	27.9	28.3
8H	24.6	25.8	25.0	26.2	26.6	26.6	27.8	27.0	28.2	28.6
12H	24.6	25.8	25.1	26.2	26.6	26.9	28.0	27.3	28.4	28.9
4H 2H	22.5	23.9	22.9	24.2	24.6	23.1	24.4	23.5	24.8	25.1
3H	24.4	25.6	24.9	26.0	26.5	25.6	26.7	26.0	27.1	27.6
4H	25.3	26.4	25.7	26.8	27.2	26.6	27.7	27.0	28.1	28.5
6H	25.8	26.8	26.3	27.3	27.8	27.4	28.4	27.9	28.9	29.3
8H	26.0	26.9	26.5	27.4	27.9	27.8	28.7	28.3	29.2	29.7
12H	26.1	26.9	26.6	27.4	27.9	28.1	29.0	28.7	29.5	30.0
8H 4H	25.8	26.7	26.3	27.1	27.6	26.9	27.8	27.4	28.2	28.8
6H	26.5	27.3	27.1	27.8	28.3	27.9	28.7	28.4	29.2	29.7
8H	26.8	27.5	27.3	28.0	28.6	28.4	29.1	28.9	29.6	30.2
12H	27.0	27.6	27.5	28.1	28.7	28.9	29.5	29.5	30.0	30.6
12H 4H	25.8	26.7	26.3	27.1	27.7	26.9	27.7	27.4	28.2	28.7
6H	26.7	27.3	27.2	27.9	28.4	28.0	28.7	28.5	29.2	29.8
8H	27.0	27.6	27.6	28.1	28.7	28.5	29.1	29.1	29.7	30.3
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.1 / - 0.2					+ 0.1 / - 0.2				
2.0H	+ 0.2 / - 0.4					+ 0.3 / - 0.3				

CIE Pub.117, 523.6 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -2.2)
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:0.0644A P:5.5805W PF:0.8659 Freq:60.00Hz Lamp Flux:523.615x1 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) x RCR = 5									
k = 0.60	53	41	34	52	40	33	51	40	33	26
0.80	63	50	42	61	50	42	59	49	41	34
1.00	71	58	51	69	58	50	66	59	49	41
1.25	78	66	58	76	65	58	73	63	56	48
1.50	83	72	64	81	71	63	77	68	62	53
2.00	90	80	73	88	79	72	83	76	70	61
2.50	94	85	78	92	84	77	87	80	75	65
3.00	98	90	84	95	88	82	90	84	79	69
4.00	102	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

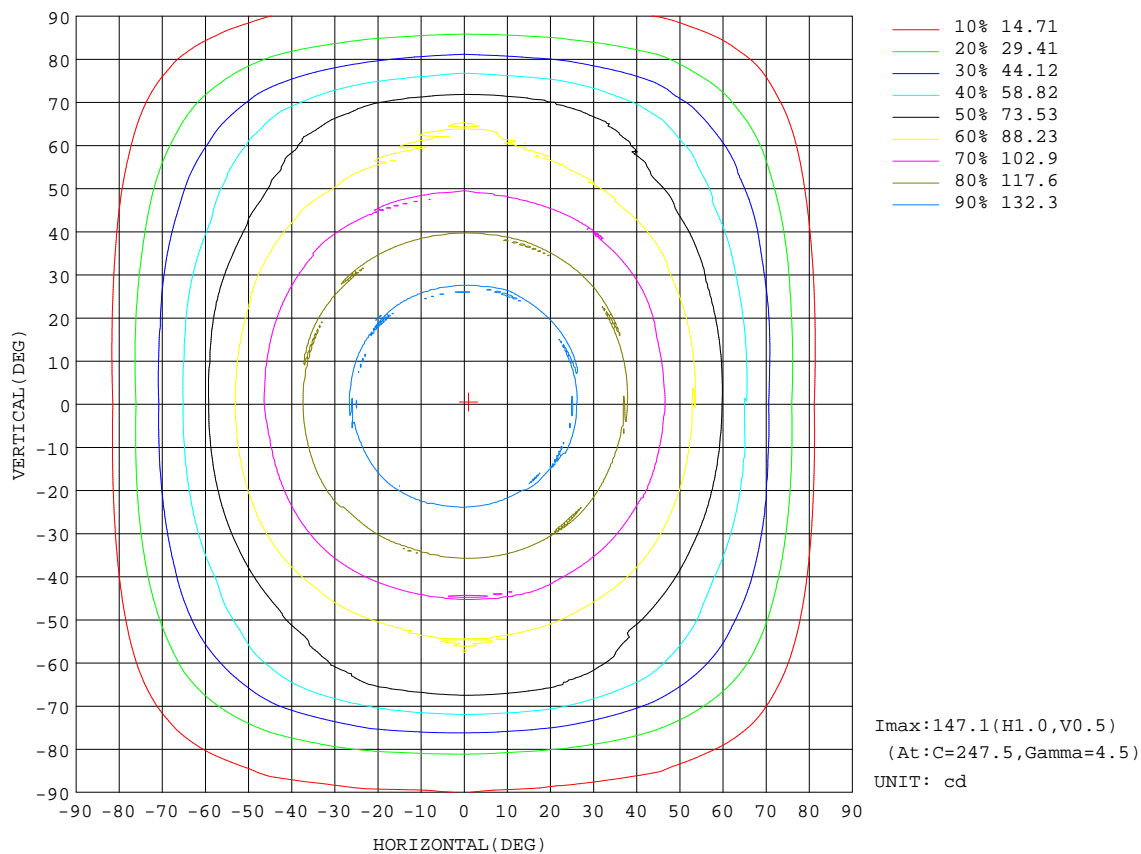
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.444
 Humidity:60.5%
 Test Distance:2.639m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

ISOCANDELA DIAGRAM

Test:U:100.14V I:0.0644A P:5.5805W PF:0.8659 Freq:60.00Hz Lamp Flux:523.615x1 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

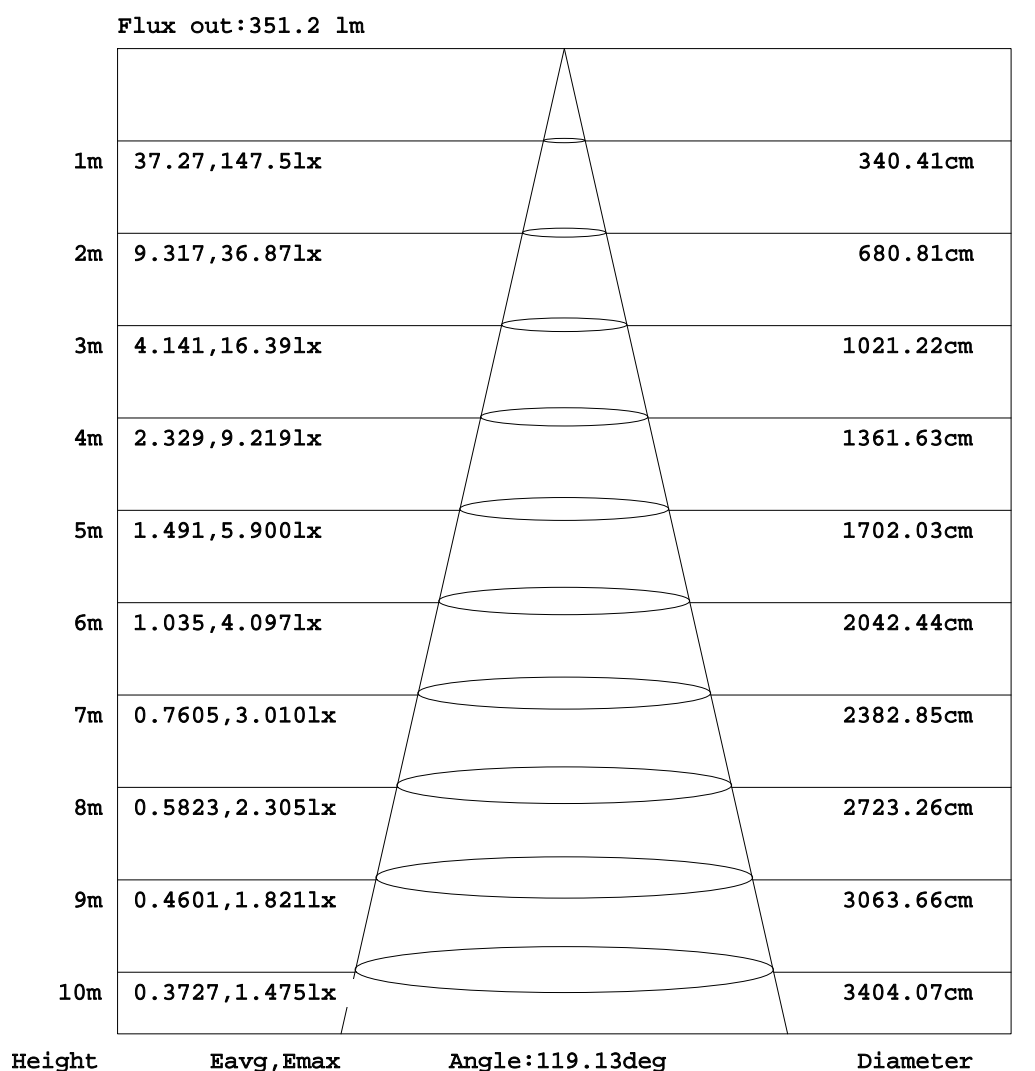
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.444
 Humidity:60.5%
 Test Distance:2.639m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

AAI Figure

Test:U:100.14V I:0.0644A P:5.5805W PF:0.8659 Freq:60.00Hz Lamp Flux:523.615x1 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

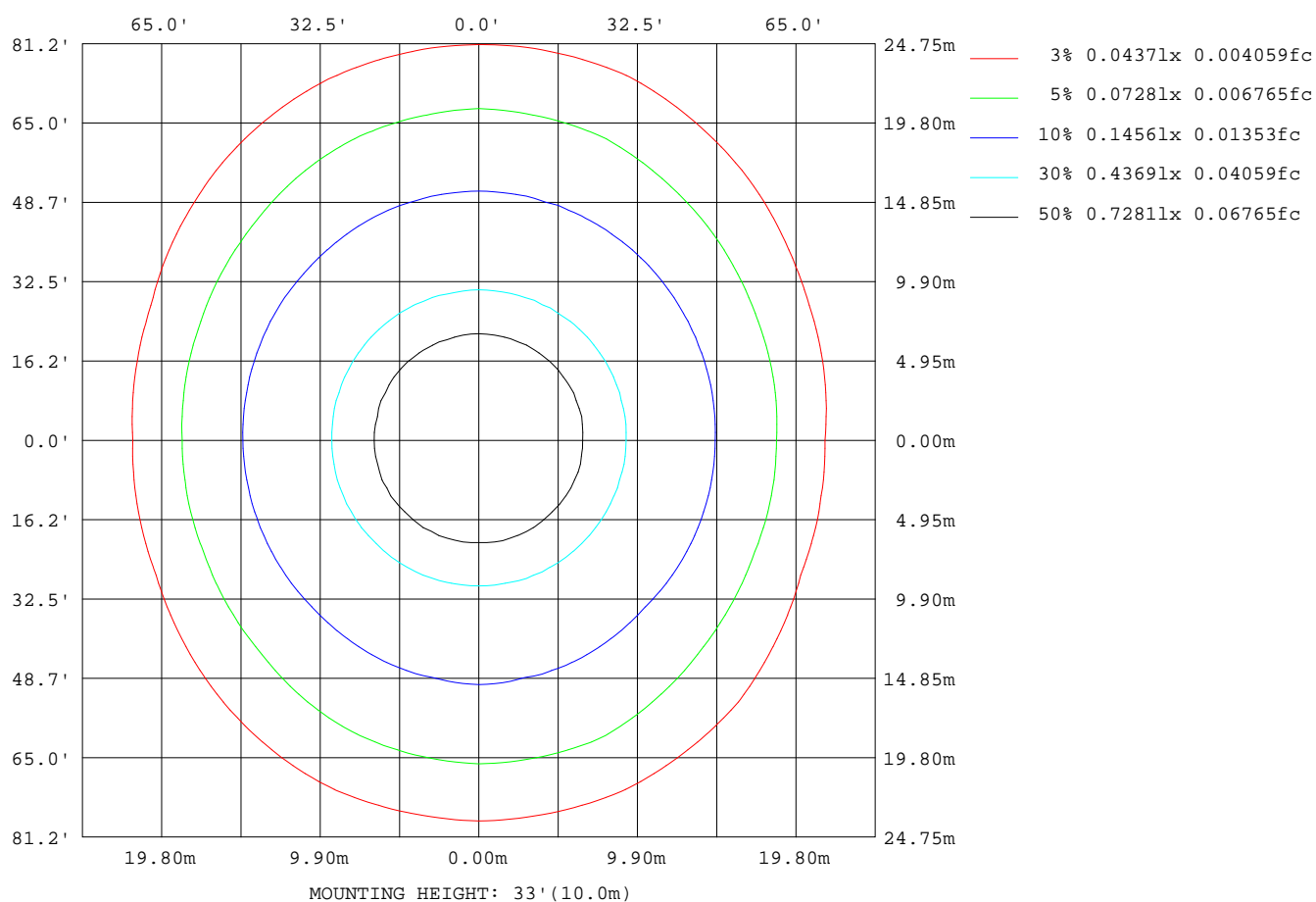
γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.444
Humidity: 60.5%
Test Distance: 2.639m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

ISOLUX DIAGRAM

Test:U:100.14V I:0.0644A P:5.5805W PF:0.8659 Freq:60.00Hz Lamp Flux:523.615x1 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:0.0644A P:5.5805W PF:0.8659 Freq:60.00Hz Lamp Flux:523.615x1 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	13963
L_0~180(75)av	12328
L_0~180(85)av	7748
L_90~270(65)av	20165
L_90~270(75)av	22059
L_90~270(85)av	30255
L_45(65)av	17213
L_45(75)av	19582
L_45(85)av	24747

Standard: GB/T 29293-2012

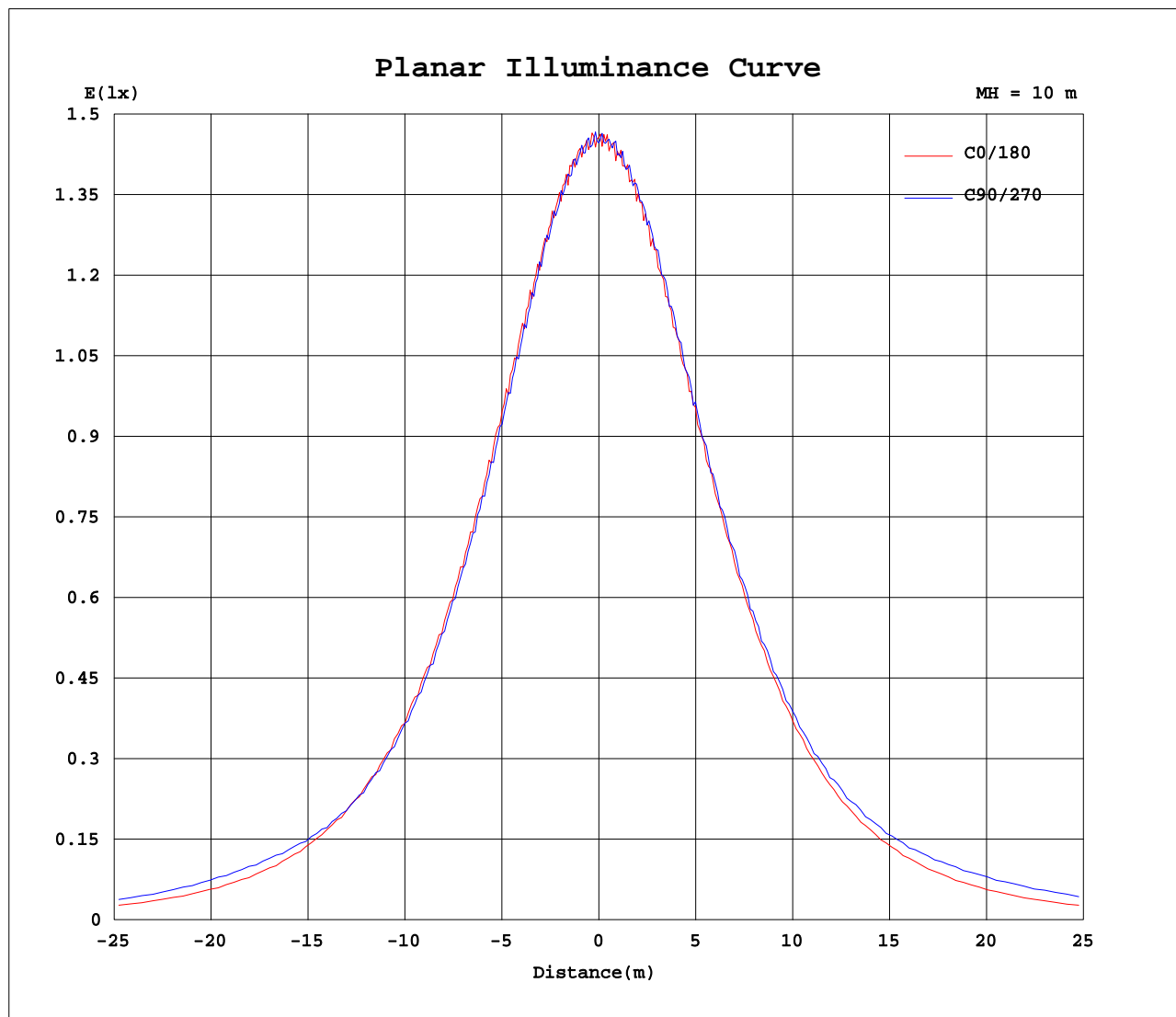
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:Wilson
Test Date:2023-07-07

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:0.0644A P:5.5805W PF:0.8659 Freq:60.00Hz Lamp Flux:523.615x1 lm		
NAME: LED rope light and tape light	TYPE:	WEIGHT:
SPEC.: 1meter	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--1

UNIT: cd

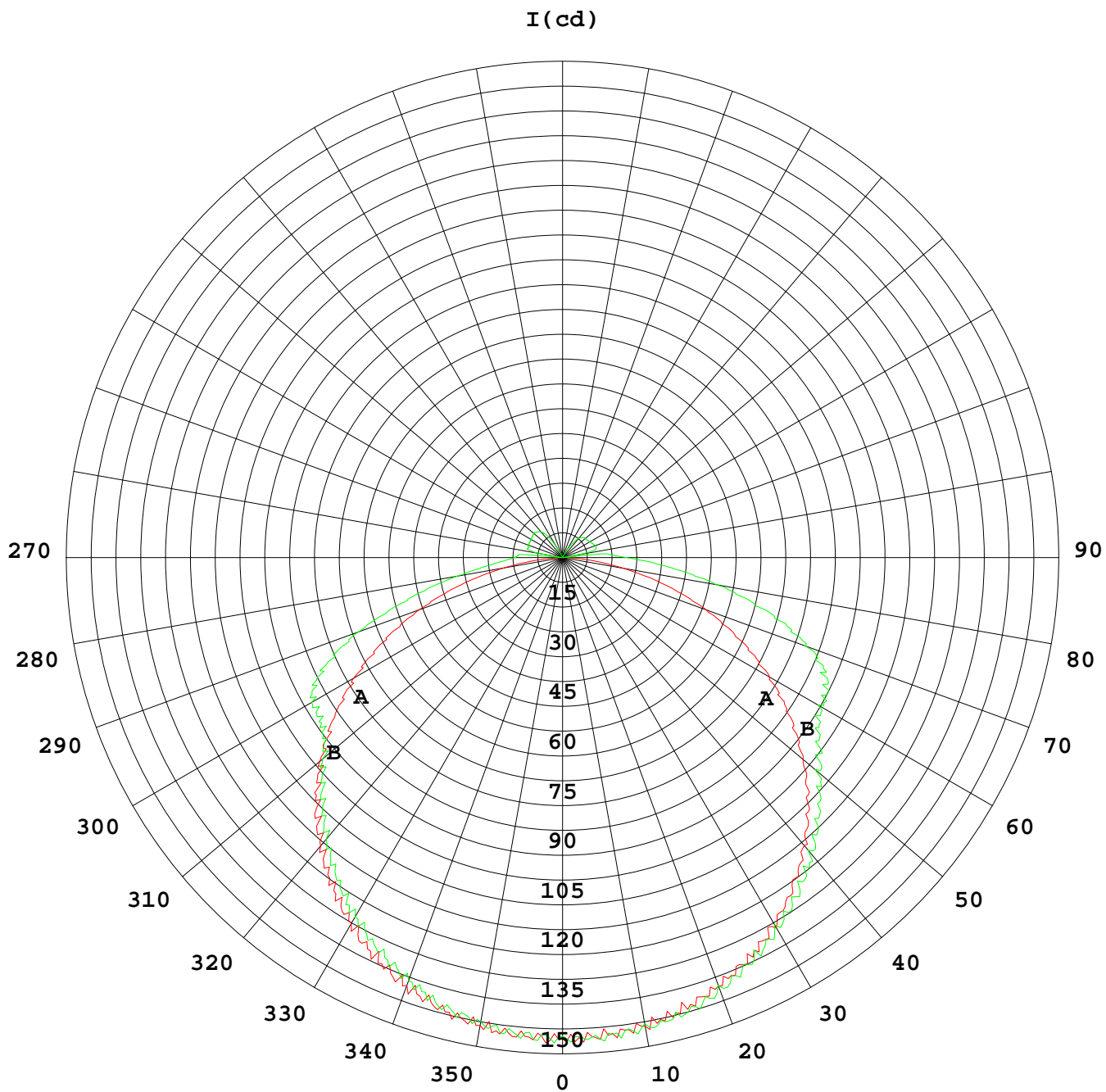
C(DEC)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
γ (DEC)	0	145	145	145	145	145	145	145	145	145	145	145	145	145	145	145			
0	145	145	145	145	145	145	145	145	145	145	145	145	145	145	145	145			
5	143	143	144	146	147	143	147	145	143	143	145	148	147	143	148	146			
10	143	142	143	144	143	142	143	143	144	144	144	144	144	144	144	144			
15	140	140	140	143	142	139	143	142	139	140	142	145	144	141	145	143			
20	137	138	137	138	137	135	137	137	138	138	139	139	138	138	139	139			
25	131	131	131	133	133	130	135	134	132	133	134	137	136	132	138	135			
30	127	126	126	126	126	125	127	127	129	128	129	129	129	129	129	129			
35	119	118	119	121	120	118	121	121	121	122	123	125	126	121	125	123			
40	114	112	111	113	112	111	112	112	113	115	116	117	116	116	116	116			
45	103	102	103	105	104	102	105	104	105	105	107	112	110	107	110	108			
50	95.7	93.6	93.3	95.5	95.2	93.7	94.5	92.9	94.7	96.4	99.5	100	100	101	100	97.8			
55	83.9	82.0	83.2	88.4	90.0	85.6	85.6	83.4	84.0	86.0	89.4	94.3	95.4	91.0	91.9	87.5			
60	72.8	71.7	74.9	85.2	88.1	82.5	76.3	71.3	72.1	74.5	81.0	87.3	89.7	87.0	81.6	76.8			
65	58.5	59.7	70.0	80.4	81.3	77.2	70.8	61.0	59.5	63.8	74.5	86.4	89.1	82.6	75.7	65.6			
70	46.1	51.0	60.3	65.8	66.0	64.3	61.1	50.1	46.3	53.7	68.6	76.2	78.4	76.3	68.9	54.8			
75	31.5	38.1	44.2	48.0	48.6	47.7	46.1	39.5	32.3	42.7	55.0	62.9	65.5	61.5	57.3	43.9			
80	17.8	23.8	28.5	32.2	32.5	32.3	30.7	24.9	18.6	28.9	39.8	45.1	47.2	45.7	41.0	29.9			
85	6.13	12.1	17.0	20.0	20.8	20.1	18.7	13.4	7.38	16.4	24.6	29.9	32.0	29.6	26.0	16.4			
90	0.11	7.12	11.7	14.1	14.8	14.2	12.6	7.68	0.52	8.68	14.6	17.9	19.5	18.1	14.6	8.18			
95	0.07	2.17	0.21	0.37	5.38	3.45	2.27	2.36	0.23	2.30	0.44	11.8	13.5	11.9	0.43	2.09			
100	0.08	3.19	7.84	7.71	4.01	5.92	8.71	3.85	0.06	3.10	7.93	6.50	0.21	3.66	7.61	3.06			
105	0.10	3.28	8.36	10.09	11.1	10.3	8.96	3.66	0.08	3.32	8.17	10.3	10.5	9.97	8.45	3.25			
110	0.11	2.73	8.11	10.6	11.2	10.4	8.47	3.00	0.10	2.61	7.92	10.2	10.6	9.89	7.77	2.42			
115	0.12	2.02	7.97	10.5	11.1	10.3	8.14	2.30	0.11	1.87	7.24	9.77	10.1	9.14	7.10	1.65			
120	0.13	1.15	7.72	10.5	11.1	10.2	7.89	1.44	0.13	0.97	6.90	9.30	9.54	8.78	6.51	0.78			
125	0.15	0.47	7.37	10.6	11.3	10.3	7.57	0.68	0.14	0.37	6.16	9.05	9.28	8.23	5.70	0.25			
130	0.15	0.21	6.36	10.5	11.4	10.3	6.79	0.29	0.15	0.21	5.34	8.55	9.01	7.84	4.87	0.22			
135	0.16	0.18	4.76	9.85	11.0	9.78	5.14	0.16	0.17	0.18	3.77	7.82	8.69	7.15	3.35	0.20			
140	0.17	0.18	2.48	8.66	10.2	8.55	3.01	0.17	0.18	0.19	1.74	6.33	7.53	5.58	1.55	0.19			
145	0.17	0.18	0.75	5.82	8.15	5.98	1.00	0.19	0.18	0.19	0.44	3.76	5.43	3.24	0.47	0.20			
150	0.17	0.16	0.16	1.94	3.67	2.11	0.21	0.16	0.19	0.17	0.18	0.95	2.06	0.68	0.21	0.20			
155	0.17	0.17	0.21	0.20	0.52	0.22	0.19	0.17	0.19	0.16	0.19	0.22	0.34	0.22	0.20	0.17			
160	0.18	0.19	0.17	0.19	0.17	0.18	0.20	0.19	0.19	0.20	0.19	0.19	0.18	0.18	0.19	0.20			
165	0.18	0.19	0.17	0.16	0.19	0.16	0.18	0.19	0.19	0.20	0.16	0.17	0.17	0.16	0.16	0.20			
170	0.19	0.20	0.20	0.18	0.18	0.18	0.20	0.19	0.19	0.19	0.19	0.16	0.16	0.15	0.17	0.19			
175	0.21	0.21	0.21	0.20	0.22	0.20	0.21	0.21	0.20	0.20	0.21	0.19	0.19	0.18	0.20	0.20			
180	0.20	0.20	0.20	0.21	0.21	0.19	0.20	0.20	0.20	0.20	0.21	0.21	0.21	0.19	0.20	0.20			

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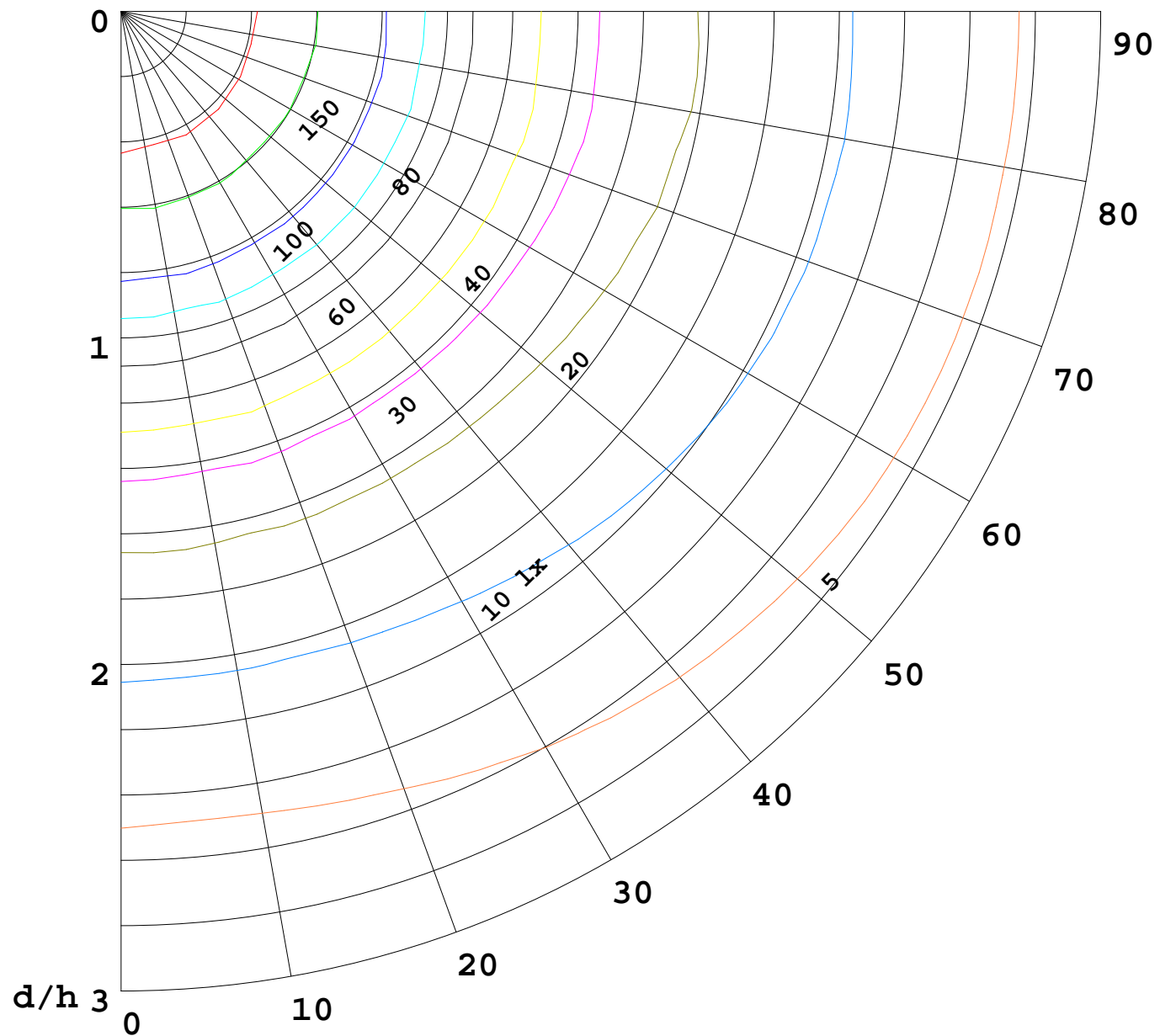
Checker: Near Gao

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

