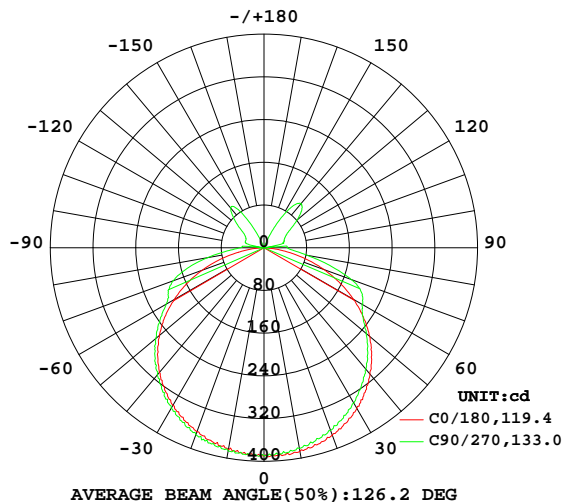
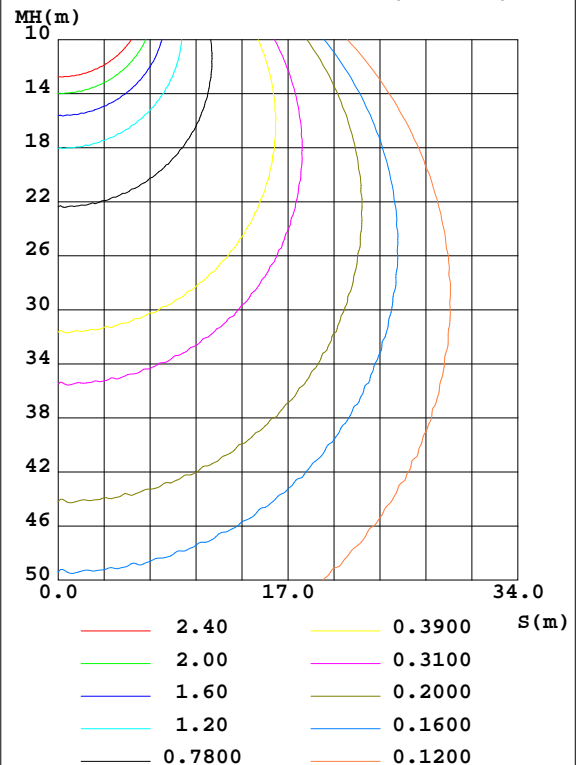


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:100.19V I:0.1387A P:12.585W PF:0.9059 Freq:60.00Hz Lamp Flux:1461.62x1 lm		
NAME: LED rope light and tape light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 116.14 lm/W			
MODEIR125-2835HY-144L-6500K		Imax(cd)	392.6	S/MH(C0/180)	1.30
NOMINAL POWER(W)	13	LOR(%)	100.0	S/MH(C90/270)	1.32
RATED VOLTAGE(V)	100	TOTAL FLUX(lm)	1461.6	η UP,DN(C0-180)	6.1,43.4
NOMINAL FLUX(lm)	1461.62	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	5.4,45.1
LAMPS INSIDE	1	η up(%)	11.5	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	100	η down(%)	88.5	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:2023-08-30

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.444
 Humidity:60.5%
 Test Distance:2.691m [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	387.3	385.1	381.7	383.1	384.4	383.1	386.4	388.1	0- 10	36.93	36.93	2.53,2.53
20	373.7	369.0	364.4	365.5	366.7	368.9	373.1	375.3	10- 20	106.8	143.7	9.83,9.83
30	347.9	342.5	336.2	337.6	340.6	343.6	347.2	351.8	20- 30	164.8	308.5	21.1,21.1
40	309.0	304.3	296.6	299.4	304.4	307.9	311.2	315.1	30- 40	203.8	512.3	35,35
50	258.2	255.2	250.0	251.1	255.9	261.3	265.1	268.8	40- 50	218.5	730.8	50,50
60	193.8	199.1	212.4	197.6	193.8	204.9	211.4	210.5	50- 60	206.6	937.4	64.1,64.1
70	119.6	155.1	173.7	156.1	123.0	157.5	181.3	162.1	60- 70	177.4	1115	76.3,76.3
80	43.24	74.07	82.64	79.00	48.56	94.62	107.6	95.67	70- 80	124.4	1239	84.8,84.8
90	0.3193	35.90	43.58	36.66	1.134	36.23	44.89	36.60	80- 90	54.09	1293	88.5,88.5
100	0.2564	25.66	7.044	25.25	0.2556	24.52	9.875	24.40	90-100	17.74	1311	89.7,89.7
110	0.4255	30.75	40.11	30.15	0.4354	27.07	37.20	28.34	100-110	23.40	1334	91.3,91.3
120	0.5005	42.43	48.15	40.49	0.5171	32.58	39.86	33.45	110-120	26.04	1361	93.1,93.1
130	0.5264	64.48	80.75	64.99	0.5401	56.63	62.28	57.01	120-130	33.14	1394	95.4,95.4
140	0.5897	58.65	106.9	63.82	0.6049	58.98	97.39	55.40	130-140	38.70	1432	98,98
150	0.5451	0.4902	65.78	3.924	0.6346	0.6410	56.49	0.6170	140-150	25.12	1457	99.7,99.7
160	0.5683	1.120	0.5361	1.379	0.6394	1.000	0.6065	0.8407	150-160	3.809	1461	100,100
170	0.5620	0.7591	0.7221	0.6053	0.6157	0.6759	0.5882	0.5770	160-170	0.2697	1462	100,100
180	0.6360	0.6329	0.6576	0.6177	0.6353	0.6329	0.6557	0.6177	170-180	0.0620	1462	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 621.38 lm

%lum = 42.5%

%lamp = 42.5%

Conical surface Flux(120deg): 937.41 lm

%lum = 64.1%

%lamp = 64.1%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:Wilson
 Test Date:2023-08-30

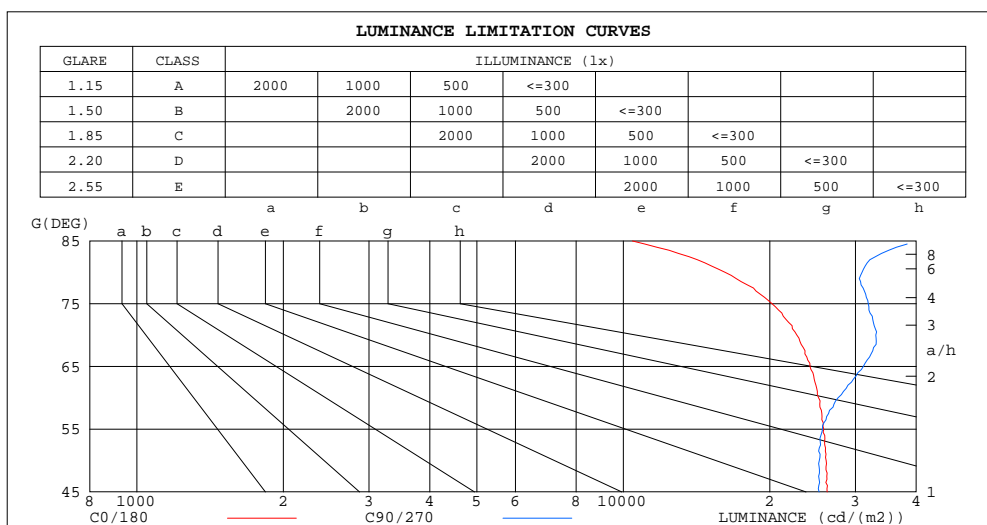
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.444
 Humidity:60.5%
 Test Distance:2.691m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

LUMINANCE LIMITATION CURVES

Test:U:100.19V I:0.1387A P:12.585W PF:0.9059 Freq:60.00Hz Lamp Flux:1461.62x1 lm		
NAME: LED rope light and tape light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	10442	40441
80	16190	30939
75	20216	31889
70	22737	33022
65	24204	31139
60	25200	27619
55	25819	25683
50	26113	25286
45	26247	25259

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.1DEG
 Operators: Wilson
 Test Date: 2023-08-30

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.444
 Humidity: 60.5%
 Test Distance: 2.691m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

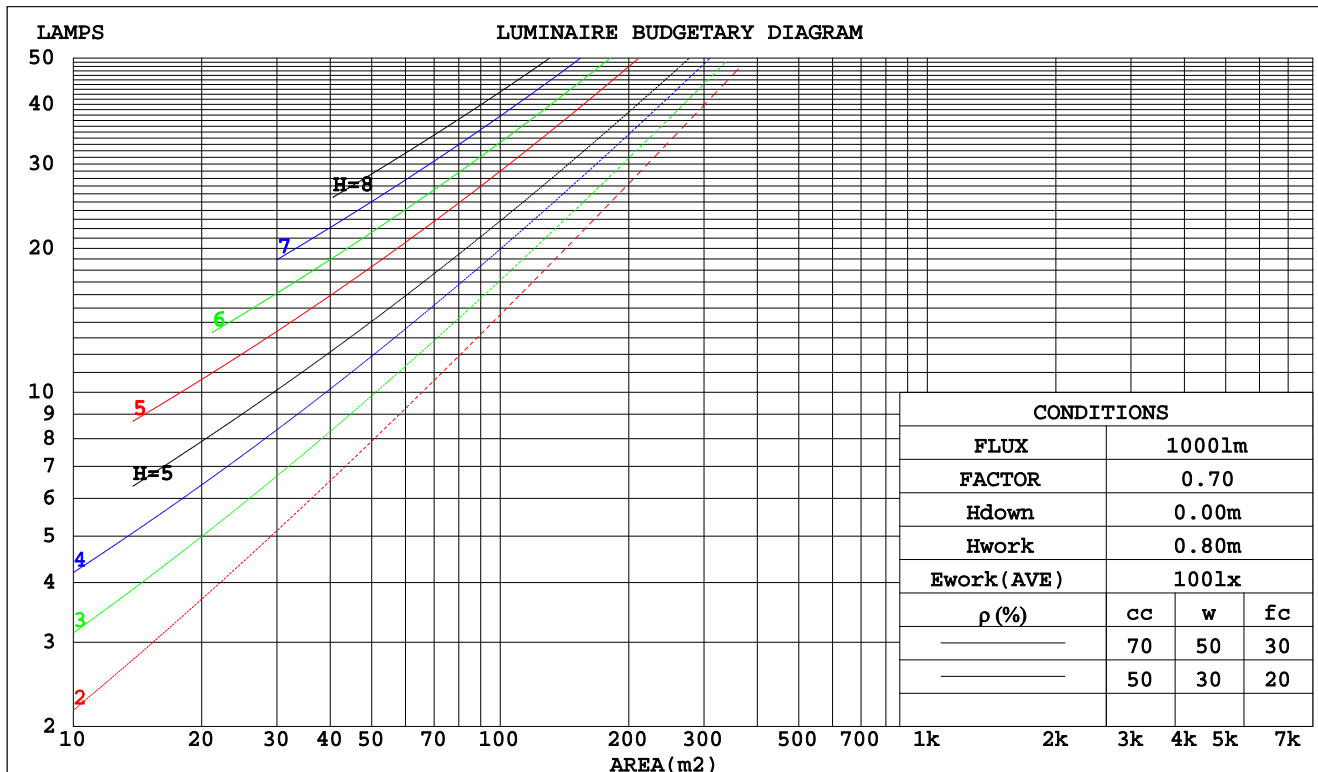
Checker: Near Gao

Assessor: Akin Xu

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:100.19V I:0.1387A P:12.585W PF:0.9059 Freq:60.00Hz Lamp Flux:1461.62x1 lm		
NAME: LED rope light and tape light	TYPE:	WEIGHT:
SPEC.:	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	1.16	1.16	1.16	1.12	1.12	1.12	1.05	1.05	1.05	.98	.98	.98	.91	.91	.91	.88
1.0	.00	.95	.90	.96	.92	.88	.90	.86	.83	.84	.81	.78	.78	.76	.74	.71
2.0	.86	.78	.72	.83	.76	.71	.77	.72	.67	.72	.68	.64	.68	.64	.61	.58
3.0	.75	.66	.59	.72	.64	.58	.68	.61	.55	.63	.58	.53	.59	.55	.51	.48
4.0	.66	.57	.50	.64	.55	.49	.60	.52	.47	.56	.50	.45	.52	.47	.43	.40
5.0	.58	.49	.42	.57	.48	.42	.53	.46	.40	.50	.44	.39	.47	.42	.37	.35
6.0	.52	.43	.37	.51	.42	.36	.48	.40	.35	.45	.39	.34	.42	.37	.32	.30
7.0	.47	.38	.32	.46	.38	.32	.43	.36	.31	.41	.34	.30	.39	.33	.29	.26
8.0	.43	.34	.29	.42	.34	.28	.40	.32	.27	.37	.31	.26	.35	.30	.26	.23
9.0	.39	.31	.26	.38	.31	.25	.36	.29	.24	.34	.28	.24	.33	.27	.23	.21
10.0	.36	.28	.23	.35	.28	.23	.34	.27	.22	.32	.26	.21	.30	.25	.21	.19



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:Wilson
Test Date:2023-08-30

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.444
Humidity:60.5%
Test Distance:2.691m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

WEC AND CCEC

Test:U:100.19V I:0.1387A P:12.585W PF:0.9059 Freq:60.00Hz Lamp Flux:1461.62x1 lm		
NAME: LED rope light and tape light	TYPE:	WEIGHT:
SPEC.:	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	.341	.194	.061	.330	.188	.060	.310	.178	.057	.292	.168	.054	.275	.159	.051		
2.0	.310	.170	.052	.300	.165	.051	.283	.157	.049	.266	.149	.047	.251	.142	.045		
3.0	.282	.150	.045	.273	.146	.044	.257	.139	.042	.242	.133	.041	.228	.126	.039		
4.0	.257	.134	.039	.249	.131	.039	.235	.125	.037	.221	.119	.036	.209	.113	.035		
5.0	.236	.120	.035	.229	.118	.034	.216	.112	.033	.204	.107	.032	.192	.103	.031		
6.0	.217	.109	.031	.211	.107	.031	.199	.102	.030	.188	.098	.029	.178	.094	.028		
7.0	.201	.100	.028	.196	.098	.028	.185	.093	.027	.175	.090	.026	.165	.086	.025		
8.0	.188	.092	.026	.182	.090	.025	.172	.086	.025	.163	.083	.024	.154	.079	.023		
9.0	.175	.085	.024	.170	.083	.023	.161	.080	.023	.153	.077	.022	.145	.074	.021		
10.0	.164	.079	.022	.160	.077	.022	.152	.074	.021	.144	.071	.020	.136	.069	.020		

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						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.278	.278	.278	.238	.238	.238	.162	.162	.162	.093	.093	.093	.030	.030	.030	
1.0	.271	.244	.220	.232	.210	.190	.159	.144	.131	.091	.083	.076	.029	.027	.025	
2.0	.264	.221	.185	.226	.190	.160	.155	.132	.111	.089	.077	.065	.029	.025	.021	
3.0	.256	.204	.162	.220	.176	.141	.151	.122	.099	.087	.071	.058	.028	.023	.019	
4.0	.249	.191	.147	.213	.165	.128	.147	.115	.090	.085	.067	.053	.027	.022	.017	
5.0	.241	.181	.137	.207	.157	.119	.143	.109	.084	.083	.064	.050	.027	.021	.016	
6.0	.234	.173	.129	.201	.150	.112	.139	.105	.080	.081	.062	.047	.026	.020	.016	
7.0	.227	.166	.124	.195	.144	.108	.135	.101	.076	.078	.060	.045	.025	.019	.015	
8.0	.221	.161	.119	.190	.139	.104	.131	.098	.074	.076	.058	.044	.025	.019	.015	
9.0	.214	.156	.116	.185	.135	.101	.128	.095	.072	.075	.056	.043	.024	.018	.014	
10.0	.209	.152	.114	.180	.132	.099	.125	.093	.070	.073	.055	.042	.024	.018	.014	

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:Wilson
 Test Date:2023-08-30

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.444
 Humidity:60.5%
 Test Distance:2.691m [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:100.19V I:0.1387A P:12.585W PF:0.9059 Freq:60.00Hz Lamp Flux:1461.62x1 lm											
NAME: LED rope light and tape light					TYPE:			WEIGHT:			
SPEC.:					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	23.4	24.8	23.8	25.2	25.6	23.7	25.1	24.1	25.5	26.0	
	3H	25.0	26.3	25.4	26.7	27.2	26.1	27.4	26.5	27.8	28.3
	4H	25.6	26.8	26.0	27.3	27.8	27.0	28.2	27.5	28.7	29.2
	6H	25.9	27.1	26.4	27.6	28.1	27.7	28.9	28.2	29.3	29.8
	8H	26.0	27.1	26.5	27.6	28.2	28.0	29.1	28.5	29.6	30.1
	12H	26.0	27.1	26.6	27.6	28.2	28.2	29.3	28.8	29.8	30.4
4H	2H	24.1	25.4	24.6	25.8	26.3	24.4	25.6	24.9	26.1	26.6
	3H	25.9	27.0	26.4	27.5	28.0	26.9	28.0	27.4	28.5	29.0
	4H	26.7	27.7	27.2	28.2	28.8	28.0	29.0	28.5	29.5	30.1
	6H	27.2	28.1	27.8	28.6	29.2	28.8	29.7	29.4	30.2	30.8
	8H	27.3	28.1	27.9	28.7	29.3	29.1	30.0	29.7	30.5	31.2
	12H	27.4	28.1	28.0	28.7	29.4	29.5	30.3	30.1	30.8	31.5
8H	4H	27.2	28.0	27.7	28.5	29.2	28.3	29.1	28.8	29.6	30.3
	6H	27.9	28.5	28.5	29.1	29.8	29.3	29.9	29.9	30.5	31.2
	8H	28.1	28.7	28.7	29.3	30.0	29.7	30.3	30.4	31.0	31.6
	12H	28.3	28.8	28.9	29.4	30.1	30.3	30.8	30.9	31.4	32.1
12H	4H	27.2	28.0	27.8	28.5	29.2	28.3	29.0	28.9	29.6	30.2
	6H	28.0	28.6	28.6	29.2	29.9	29.3	29.9	29.9	30.5	31.2
	8H	28.3	28.8	29.0	29.5	30.2	29.9	30.4	30.5	31.0	31.7
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.1					
1.5H	+ 0.2 / - 0.3					+ 0.1 / - 0.2					
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					

CIE Pub.117, 1462 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 1.3$)
 Area: 0.0154 m²

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:Wilson
 Test Date:2023-08-30

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.444
 Humidity:60.5%
 Test Distance:2.691m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

UTILIZATION FACTORS TABLE

Test:U:100.19V I:0.1387A P:12.585W PF:0.9059 Freq:60.00Hz Lamp Flux:1461.62x1 lm		
NAME: LED rope light and tape light	TYPE:	WEIGHT:
SPEC.:	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) $k(RI) \times RCR = 5$									
$k = 0.60$	52	40	33	51	39	33	49	39	32	25
0.80	62	49	42	60	49	41	57	47	40	33
1.00	70	58	50	68	57	49	64	57	48	40
1.25	77	65	57	75	64	57	71	62	55	46
1.50	82	71	63	79	69	62	75	66	60	51
2.00	89	79	72	86	77	71	81	74	68	58
2.50	93	84	78	90	82	76	85	78	73	62
3.00	97	89	83	94	87	81	88	82	77	65
4.00	101	95	89	98	92	87	92	87	83	70
5.00	104	98	94	100	95	91	94	90	86	73
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004					Suspended			SHRNM = 1.25		

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:Wilson
 Test Date:2023-08-30

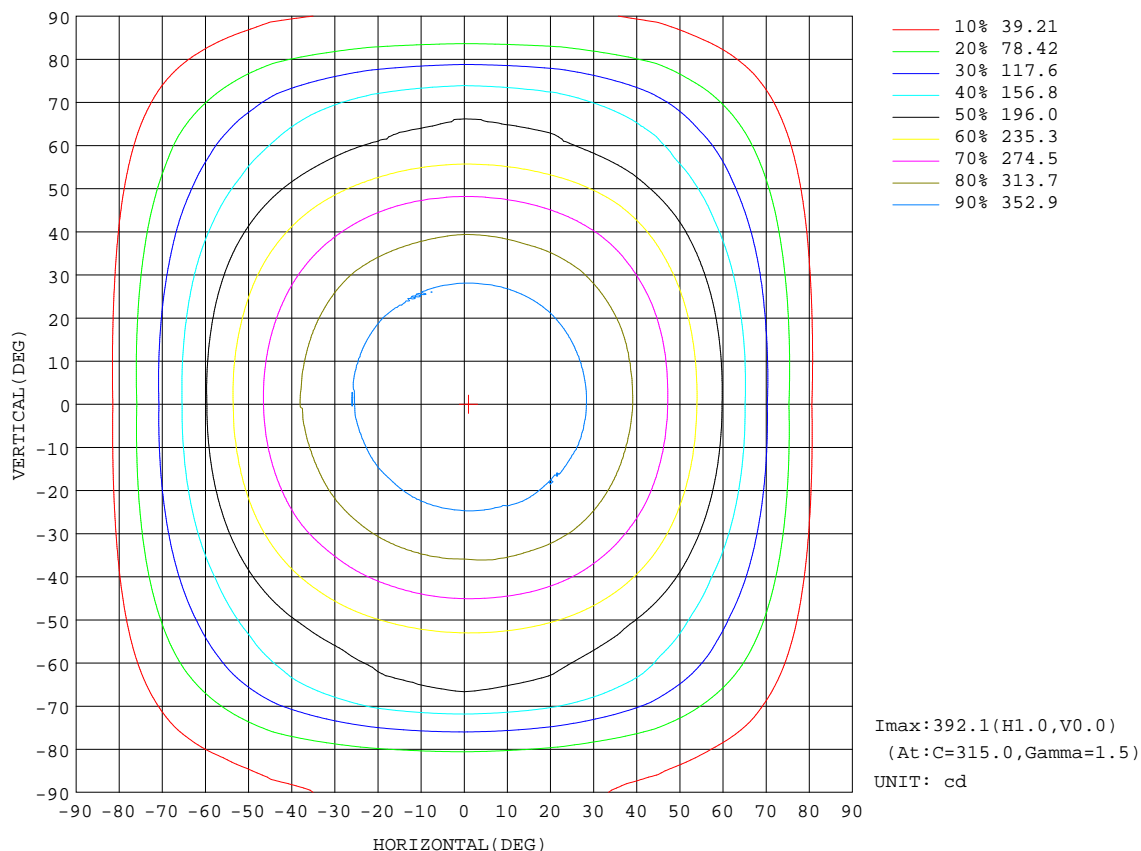
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.444
 Humidity:60.5%
 Test Distance:2.691m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

ISOCANDELA DIAGRAM

Test:U:100.19V I:0.1387A P:12.585W PF:0.9059 Freq:60.00Hz Lamp Flux:1461.62x1 lm		
NAME: LED rope light and tape light	TYPE:	WEIGHT:
SPEC.:	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: 2023-08-30

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.444
 Humidity: 60.5%
 Test Distance: 2.691m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

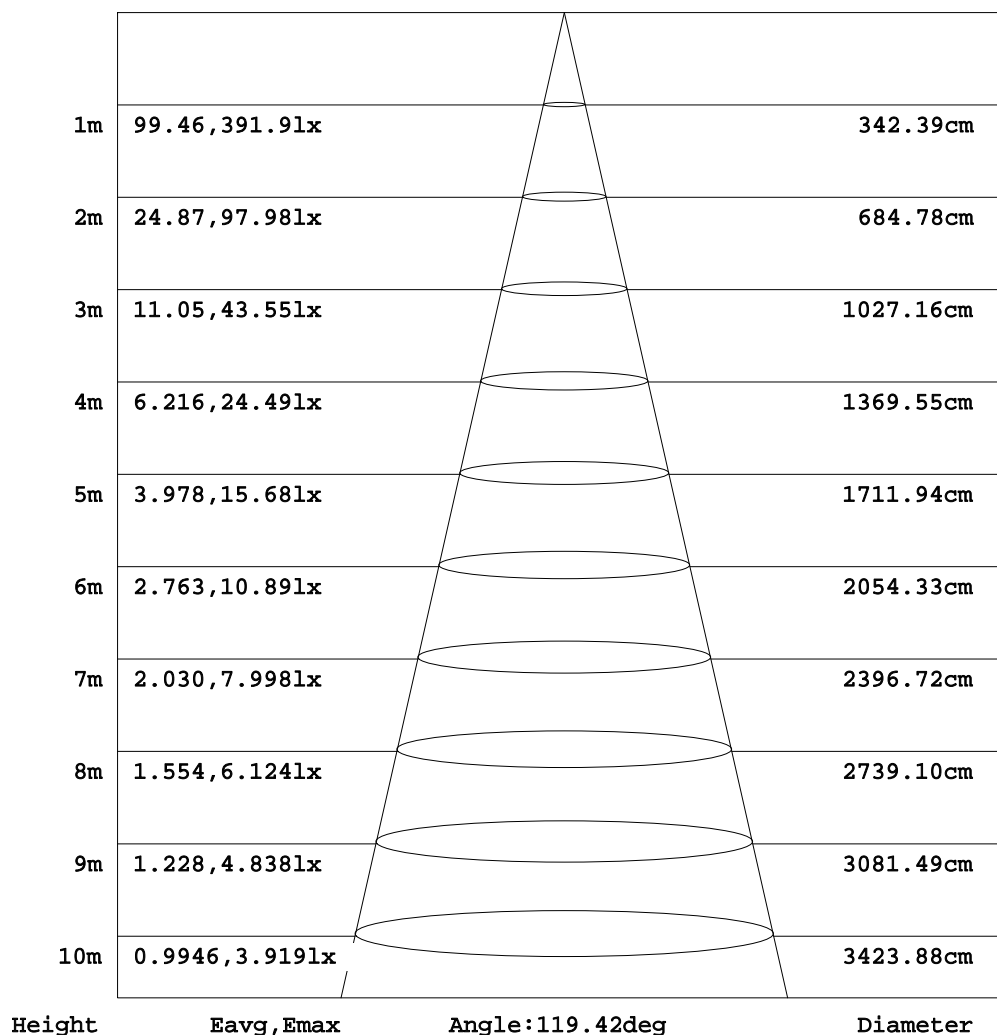
Checker: Near Gao

Assessor: Akin Xu

AAI Figure

Test:U:100.19V I:0.1387A P:12.585W PF:0.9059 Freq:60.00Hz Lamp Flux:1461.62x1 lm		
NAME: LED rope light and tape light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Flux out:937.4 lm



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: 2023-08-30

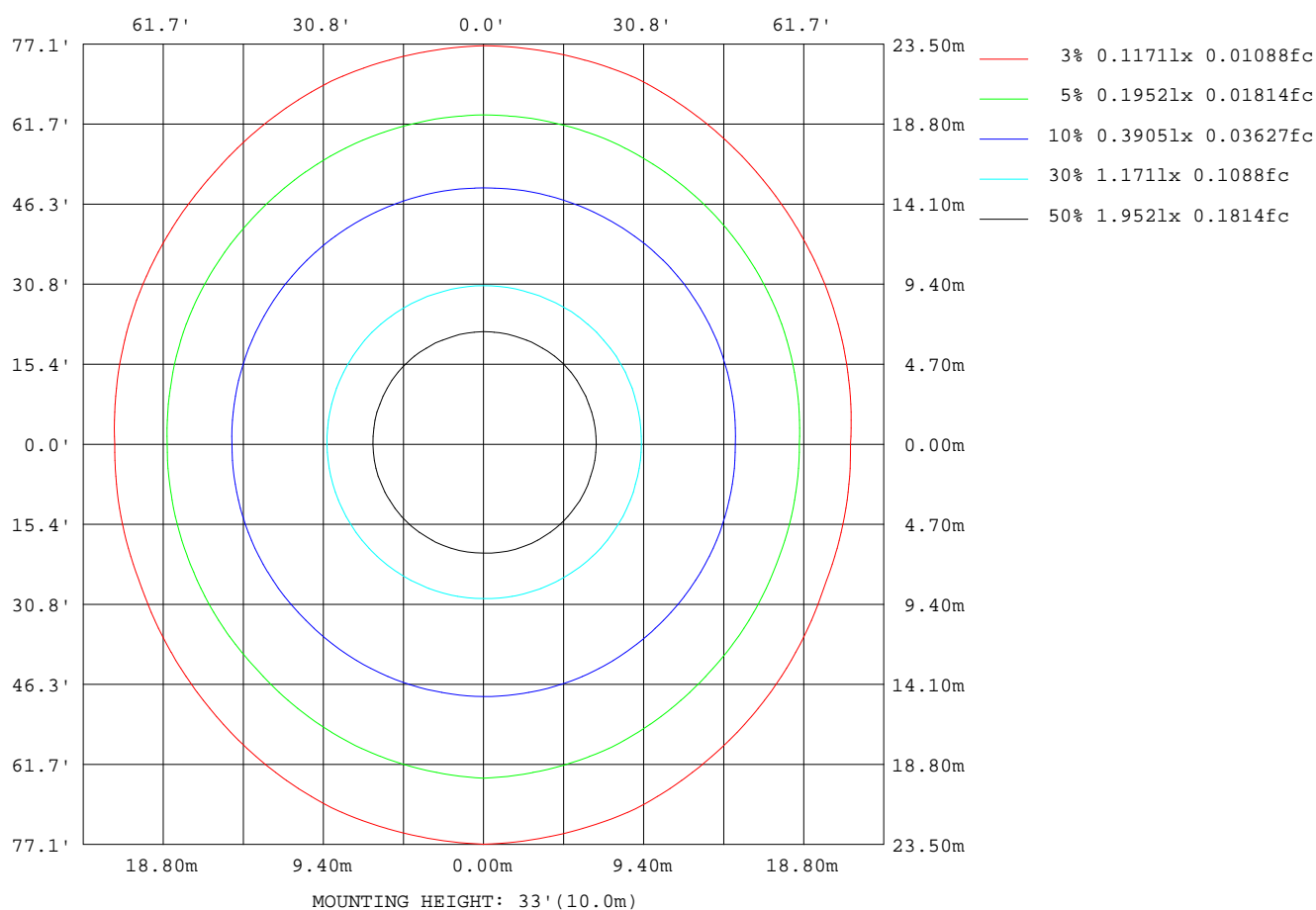
γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.444
Humidity: 60.5%
Test Distance: 2.691m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

ISOLUX DIAGRAM

Test:U:100.19V I:0.1387A P:12.585W PF:0.9059 Freq:60.00Hz Lamp Flux:1461.62x1 lm		
NAME: LED rope light and tape light	TYPE:	WEIGHT:
SPEC.:	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: 2023-08-30

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.444
Humidity: 60.5%
Test Distance: 2.691m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

LED Avg.L Report

Test:U:100.19V I:0.1387A P:12.585W PF:0.9059 Freq:60.00Hz Lamp Flux:1461.62x1 lm		
NAME: LED rope light and tape light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

AvgL	cd/m2
L_0~180(65)av	24411
L_0~180(75)av	20803
L_0~180(85)av	12281
L_90~270(65)av	30771
L_90~270(75)av	34569
L_90~270(85)av	45793
L_45(65)av	27383
L_45(75)av	31460
L_45(85)av	39238

Standard: GB/T 29293-2012

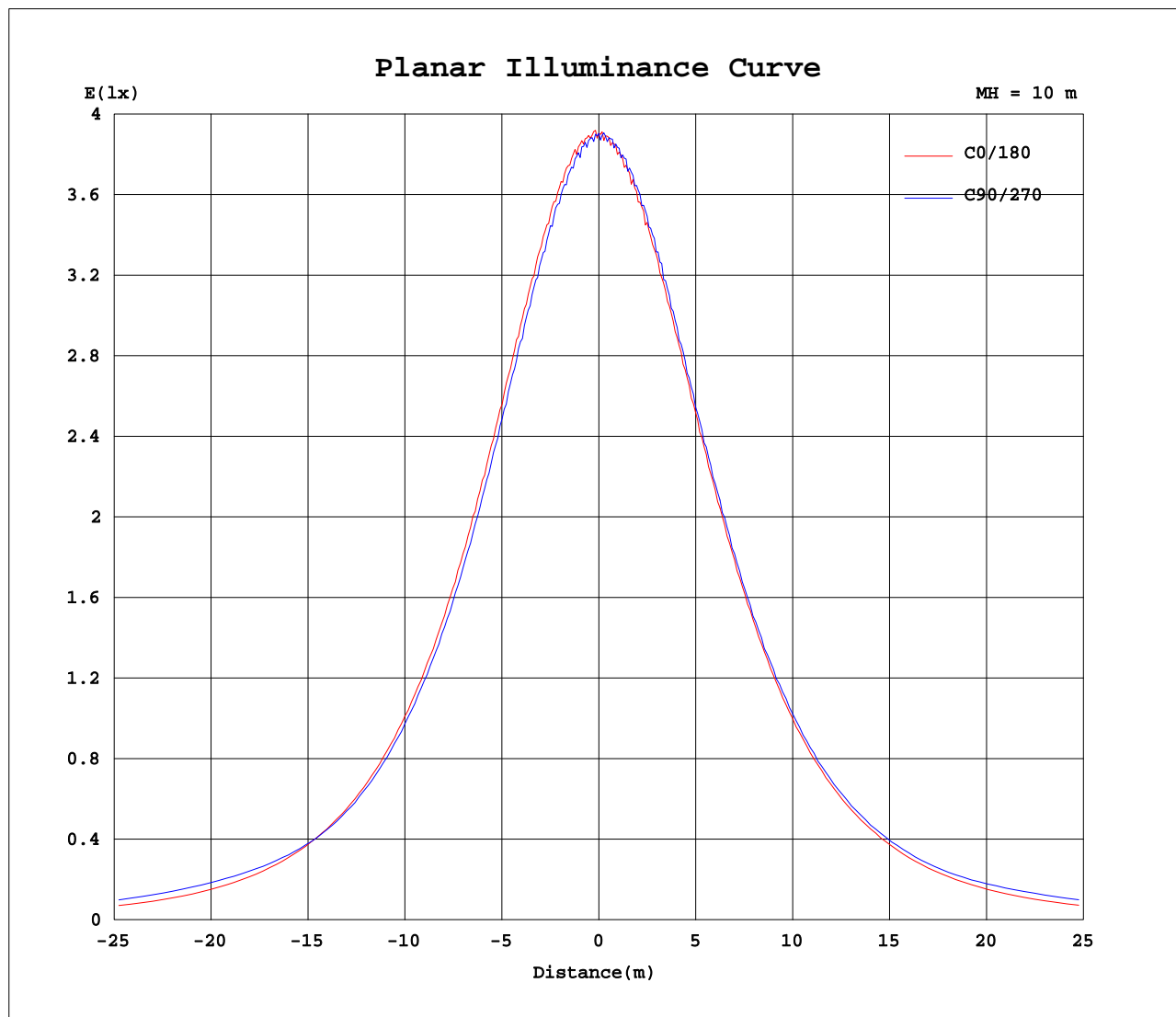
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C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:Wilson
Test Date:2023-08-30

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.444
Humidity:60.5%
Test Distance:2.691m [K=1.0000]
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Checker: Near Gao

Assessor: Akin Xu

Planar Illuminance Curve



C Range: 0 - 360DEG
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 Test Speed: HIGH
 Temperature: 25.1DEG
 Operators: Wilson
 Test Date: 2023-08-30

γ Range: 0 - 180DEG
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LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:100.19V I:0.1387A P:12.585W PF:0.9059 Freq:60.00Hz Lamp Flux:1461.62x1 lm		
NAME: LED rope light and tape light	TYPE:	WEIGHT:
SPEC.:	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	390	390	390	390	390	390	390	390	390	390	390	390	390	390	390	390			
5	391	390	389	386	388	385	386	385	388	388	390	387	389	387	388	388			
10	387	387	385	384	382	381	383	381	384	383	383	385	386	387	388	387			
15	382	382	379	375	374	370	373	372	376	377	379	378	381	380	381	379			
20	374	372	369	367	364	363	365	365	367	368	369	372	373	375	375	375			
25	362	361	358	353	352	348	351	350	356	357	360	358	361	361	363	360			
30	348	346	343	340	336	335	338	337	341	342	344	347	347	348	352	349			
35	330	327	326	320	317	315	320	319	325	326	329	328	330	330	334	330			
40	309	308	304	301	297	296	299	301	304	307	308	311	311	311	315	314			
45	285	284	282	278	275	272	275	278	282	285	288	286	289	289	291	290			
50	258	258	255	254	250	250	251	255	256	259	261	265	265	266	269	265			
55	228	228	226	227	227	223	224	226	228	232	234	236	238	238	240	235			
60	194	195	199	208	212	204	198	194	194	201	205	210	211	212	211	204			
65	157	161	177	195	202	191	176	163	160	171	178	191	198	195	182	170			
70	120	129	155	171	174	170	156	133	123	138	158	177	181	179	162	138			
75	80.5	98.0	117	124	127	125	121	102	85.4	107	131	144	149	146	132	106			
80	43.2	60.7	74.1	79.9	82.6	81.6	79.0	65.7	48.6	73.4	94.6	105	108	106	95.7	71.3			
85	14.0	31.8	45.5	52.7	54.2	53.4	48.4	35.3	19.0	39.7	58.4	65.8	68.7	66.4	58.3	38.5			
90	0.32	20.8	35.9	42.4	43.6	42.5	36.7	22.5	1.13	21.7	36.2	43.0	44.9	43.0	36.6	21.6			
95	0.25	7.08	1.21	8.22	23.2	16.6	0.75	7.08	0.58	7.40	0.99	36.9	32.4	37.9	1.60	7.86			
100	0.26	8.87	25.7	25.7	7.04	24.0	25.3	11.5	0.26	9.32	24.5	10.4	9.88	5.93	24.4	9.31			
105	0.37	11.8	28.8	32.4	37.5	34.4	28.8	13.1	0.34	12.1	26.7	33.3	34.9	33.9	27.8	12.3			
110	0.43	12.8	30.8	37.8	40.1	37.4	30.2	13.5	0.44	12.0	27.1	34.1	37.2	34.8	28.3	12.4			
115	0.44	14.3	34.5	41.3	43.1	40.7	33.6	14.8	0.48	12.6	28.6	35.2	37.1	35.4	29.5	13.1			
120	0.50	16.7	42.4	47.6	48.1	46.5	40.5	17.4	0.52	15.3	32.6	38.5	39.9	38.7	33.5	15.8			
125	0.58	18.1	53.9	61.1	60.6	59.3	52.8	20.3	0.55	17.9	43.3	46.1	45.6	45.8	43.7	17.9			
130	0.53	5.50	64.5	79.6	80.7	78.9	65.0	19.9	0.54	14.7	56.6	63.4	62.3	63.0	57.0	15.1			
135	0.58	1.84	67.6	94.7	100	93.7	70.5	0.74	0.57	1.11	66.2	81.9	81.2	80.8	65.4	0.87			
140	0.59	2.92	58.7	97.8	107	98.4	63.8	3.90	0.60	2.46	59.0	91.6	97.4	91.3	55.4	2.00			
145	0.54	1.10	37.2	81.5	96.6	84.0	42.9	1.82	0.62	1.09	32.7	78.0	90.5	75.6	31.1	0.91			
150	0.55	0.89	0.49	50.8	65.8	53.7	3.92	0.79	0.63	0.78	0.64	42.5	56.5	40.6	0.62	0.66			
155	0.55	0.75	3.82	3.70	29.1	11.6	3.72	0.76	0.63	0.66	2.24	4.62	20.2	10.2	1.77	0.63			
160	0.57	0.76	1.12	3.89	0.54	3.40	1.38	0.69	0.64	0.73	1.00	2.49	0.61	2.16	0.84	0.71			
165	0.55	0.72	0.78	0.92	1.21	0.97	0.75	0.63	0.59	0.66	0.66	0.88	0.91	0.73	0.67	0.67			
170	0.56	0.66	0.76	0.76	0.72	0.82	0.61	0.61	0.62	0.65	0.68	0.62	0.59	0.60	0.58	0.61			
175	0.67	0.67	0.71	0.68	0.76	0.66	0.72	0.66	0.63	0.66	0.66	0.60	0.62	0.58	0.63	0.64			
180	0.64	0.64	0.63	0.64	0.66	0.62	0.62	0.62	0.64	0.64	0.63	0.64	0.66	0.62	0.62	0.63			

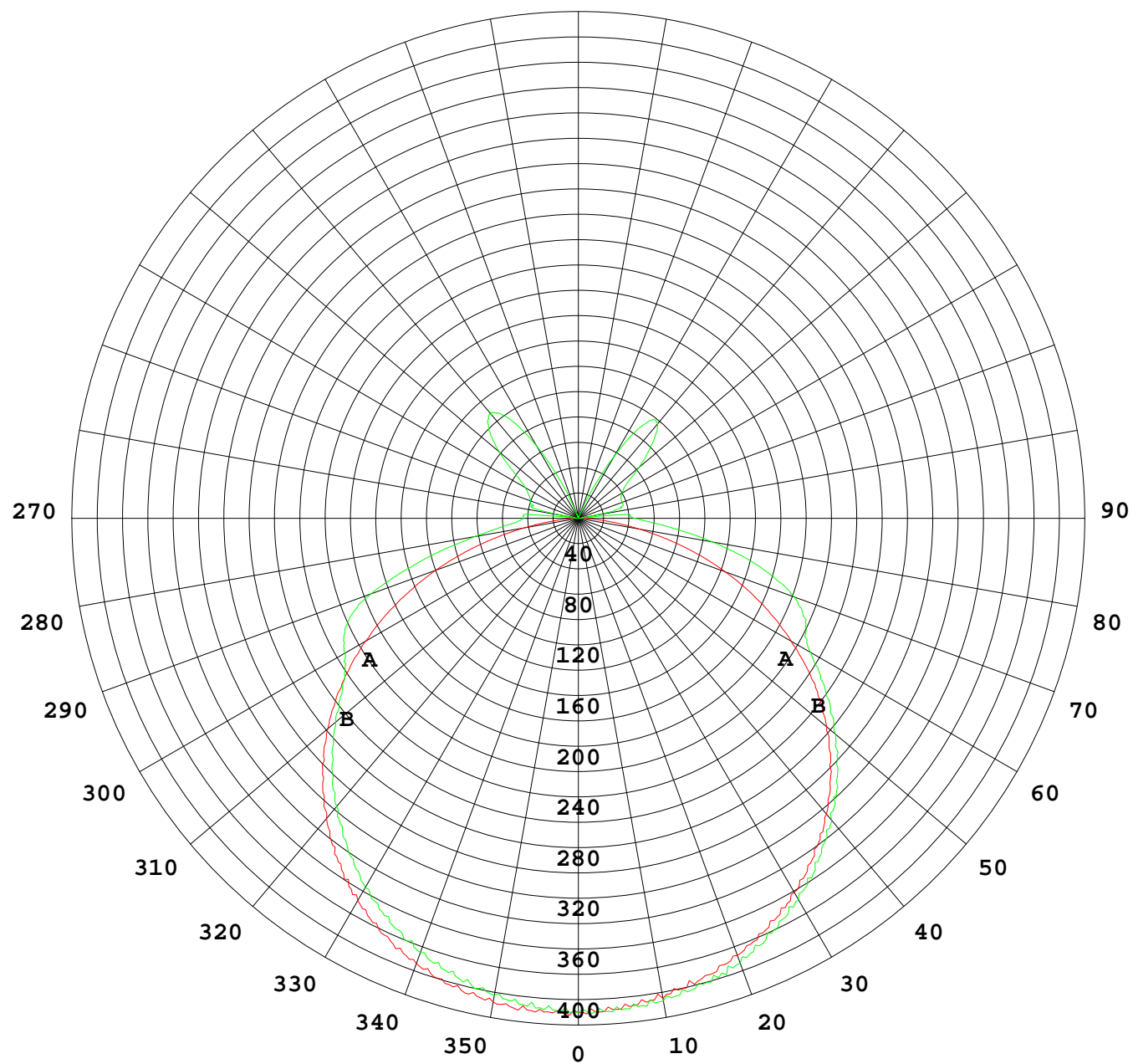
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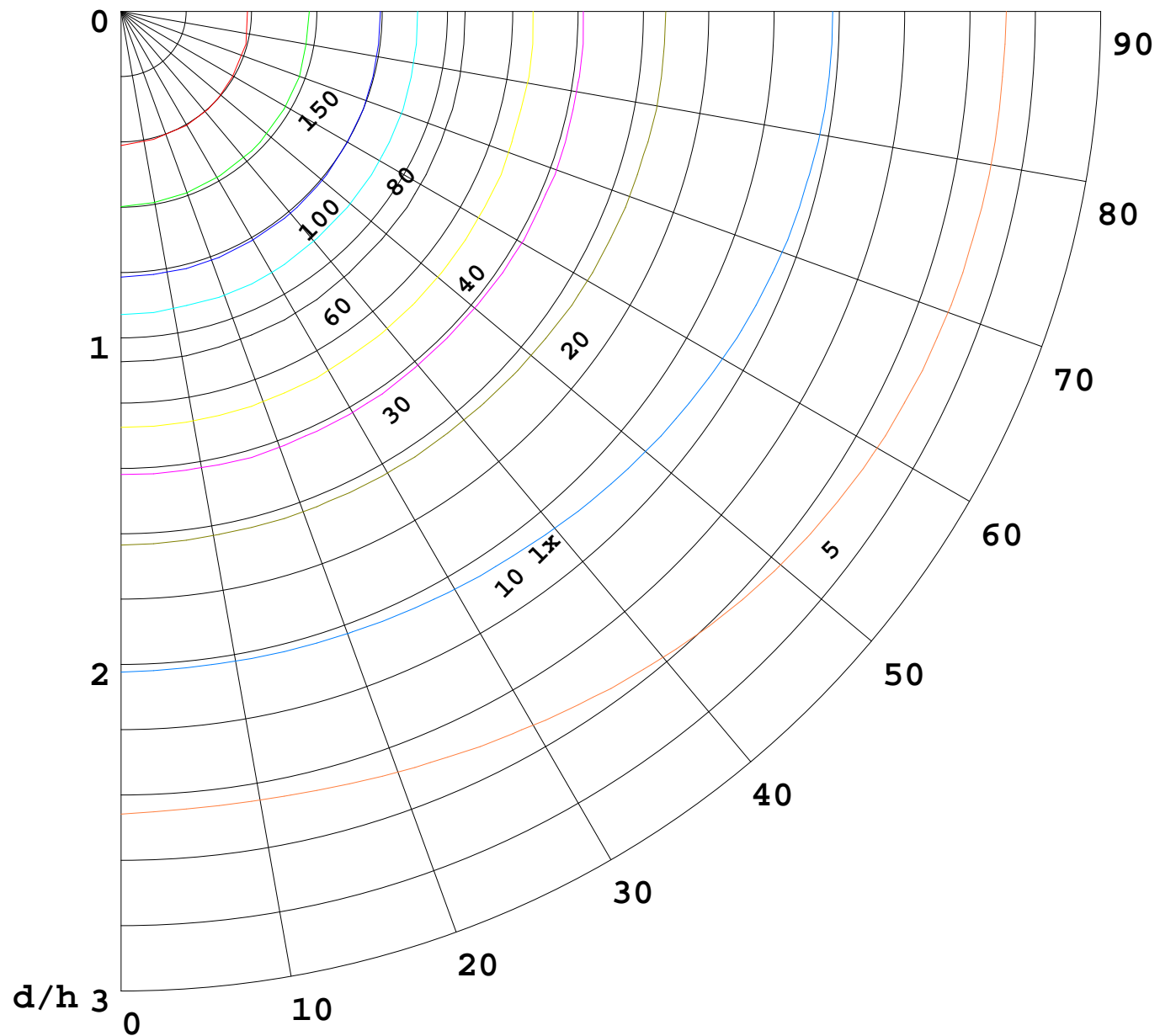
Assessor: Akin Xu

I(cd)



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

