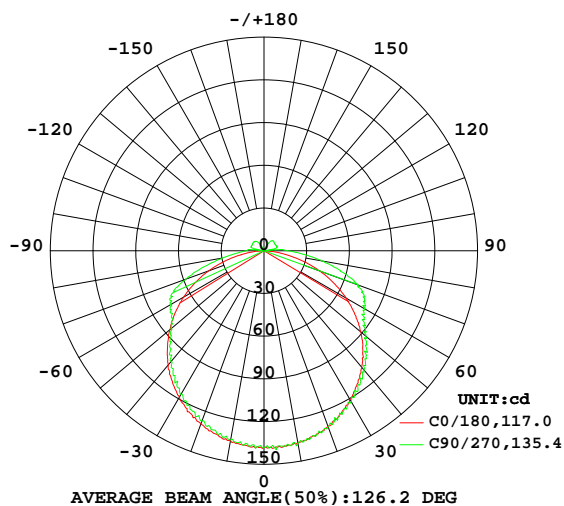


LUMINAIRE PHOTOMETRIC TEST REPORT

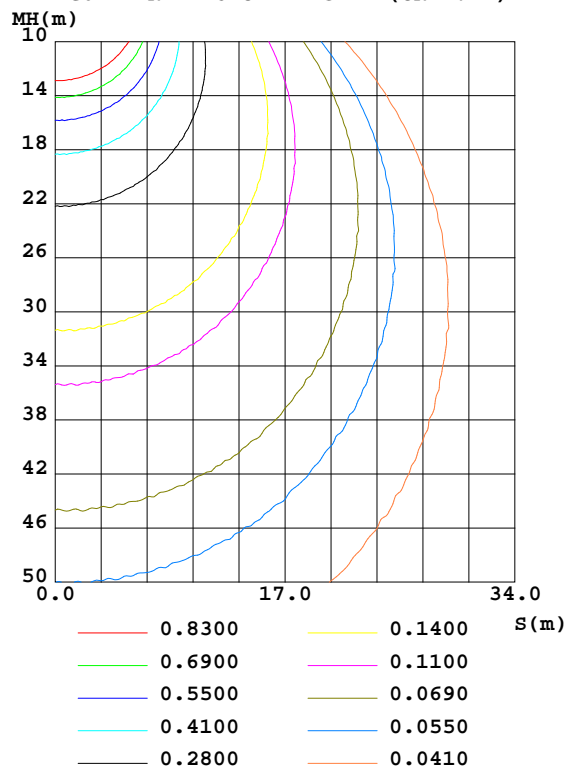
Test:U:100.14V I:0.0654A P:5.6735W PF:0.8666 Freq:60.00Hz Lamp Flux:480.594x1 lm		
NAME: LED rope light and tape light	TYPE:	WEIGHT:
SPEC.: 1meter	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 84.71 lm/W			
MODEIR100-2835HY-120L-2700K		Imax(cd)	141.9	S/MH(C0/180)	1.28
NOMINAL POWER(W)	6	LOR(%)	100.0	S/MH(C90/270)	1.25
RATED VOLTAGE(V)	100	TOTAL FLUX(lm)	480.59	η UP,DN(C0-180)	3.0,48.8
NOMINAL FLUX(lm)	480.594	CIE CLASS	DIRECT	η UP,DN(C180-360)	2.8,45.5
LAMPS INSIDE	1	η up(%)	5.7	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	100	η down(%)	94.3	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	136.6	137.8	137.3	136.5	135.6	135.8	134.9	135.8	0- 10	13.10	13.10	2.72,2.72
20	131.1	132.8	131.6	131.0	129.6	128.1	127.3	129.8	10- 20	37.75	50.84	10.6,10.6
30	120.4	122.8	122.5	121.1	118.7	116.3	116.5	118.8	20- 30	57.80	108.6	22.6,22.6
40	106.6	109.2	109.1	107.0	104.7	102.8	101.4	104.6	30- 40	70.76	179.4	37.3,37.3
50	89.00	92.46	93.38	91.13	86.21	84.83	85.44	87.81	40- 50	75.12	254.5	53,53
60	66.60	73.80	81.29	72.86	65.22	67.14	75.93	68.63	50- 60	71.30	325.8	67.8,67.8
70	41.81	60.63	70.24	59.03	41.26	53.40	58.74	55.19	60- 70	63.27	389.1	81,81
80	15.76	34.56	41.58	35.09	16.35	25.69	29.90	27.16	70- 80	44.45	433.6	90.2,90.2
90	0.1007	12.55	17.09	13.26	0.3531	10.32	12.76	10.54	80- 90	19.46	453.0	94.3,94.3
100	0.0705	7.342	3.504	7.326	0.0569	7.229	0.1574	6.486	90-100	5.428	458.4	95.4,95.4
110	0.1024	7.494	9.665	6.968	0.0917	6.895	9.554	6.832	100-110	6.124	464.6	96.7,96.7
120	0.1350	6.865	9.118	6.319	0.1150	6.512	9.350	6.699	110-120	5.555	470.1	97.8,97.8
130	0.1579	6.614	9.369	5.861	0.1405	5.030	9.609	5.913	120-130	4.630	474.7	98.8,98.8
140	0.1633	4.336	9.336	3.661	0.1684	2.143	8.665	3.319	130-140	3.560	478.3	99.5,99.5
150	0.1665	0.1532	5.691	0.2838	0.1790	0.1747	4.167	0.6140	140-150	1.882	480.2	99.9,99.9
160	0.1762	0.1747	0.1514	0.1844	0.1819	0.2065	0.1667	0.2095	150-160	0.3354	480.5	100,100
170	0.1863	0.1808	0.1544	0.1655	0.1737	0.1826	0.1594	0.1758	160-170	0.0534	480.6	100,100
180	0.1934	0.1926	0.1931	0.1861	0.1930	0.1951	0.1928	0.1829	170-180	0.0173	480.6	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 217 lm

%lum = 45.2%

%lamp = 45.2%

Conical surface Flux(120deg): 325.83 lm

%lum = 67.8%

%lamp = 67.8%

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

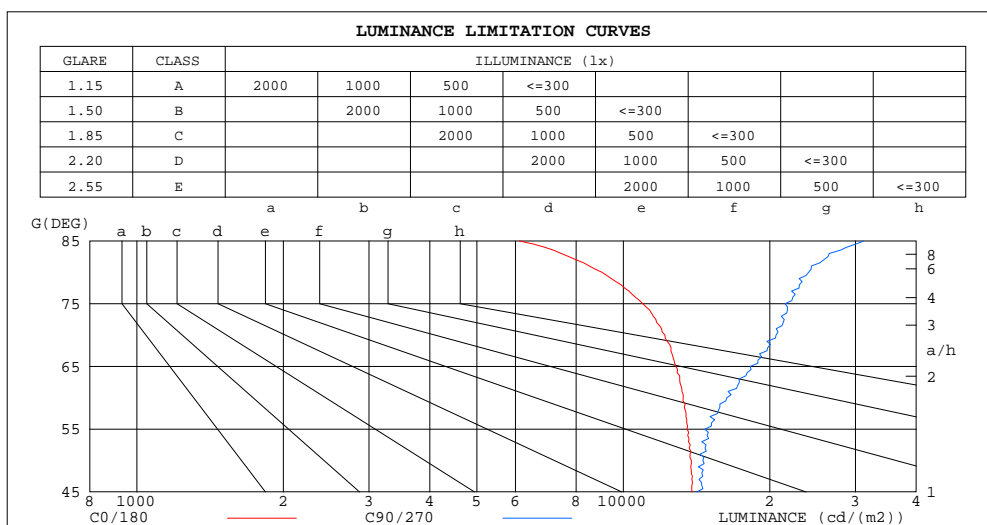
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.444
 Humidity:60.5%
 Test Distance:2.639m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

LUMINANCE LIMITATION CURVES

Test:U:100.14V I:0.0654A P:5.6735W PF:0.8666 Freq:60.00Hz Lamp Flux:480.594x1 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	6110	31216
80	9045	24027
75	10966	21501
70	12182	20606
65	12820	18222
60	13276	16314
55	13520	14710
50	13800	14577
45	13840	14158

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

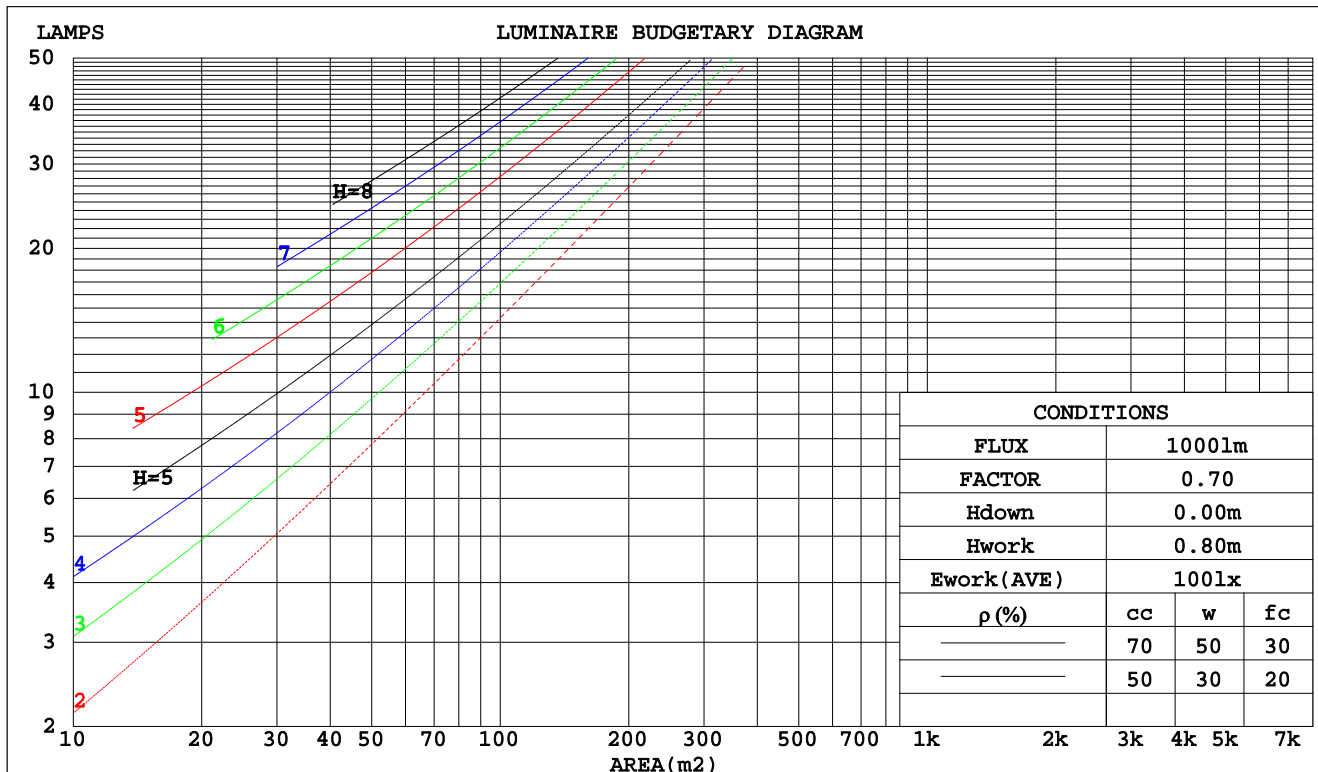
Checker: Near Gao

Assessor: Akin Xu

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:100.14V I:0.0654A P:5.6735W PF:0.8666 Freq:60.00Hz Lamp Flux:480.594x1 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	.96	.91	.98	.93	.89	.92	.89	.85	.87	.84	.82	.83	.80	.78	.76
2.0	.87	.79	.73	.84	.77	.71	.80	.74	.69	.75	.71	.66	.71	.68	.64	.62
3.0	.75	.67	.60	.73	.65	.59	.69	.63	.57	.66	.60	.55	.63	.58	.53	.51
4.0	.66	.57	.50	.65	.56	.49	.61	.54	.48	.58	.52	.47	.55	.50	.45	.43
5.0	.59	.50	.43	.58	.49	.42	.55	.47	.41	.52	.45	.40	.50	.44	.39	.37
6.0	.53	.44	.37	.52	.43	.37	.49	.42	.36	.47	.40	.35	.45	.39	.34	.32
7.0	.48	.39	.32	.47	.38	.32	.45	.37	.32	.43	.36	.31	.41	.35	.30	.28
8.0	.44	.35	.29	.43	.34	.29	.41	.33	.28	.39	.32	.28	.37	.31	.27	.25
9.0	.40	.32	.26	.39	.31	.26	.37	.30	.25	.36	.29	.25	.35	.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:0.0654A P:5.6735W PF:0.8666 Freq:60.00Hz Lamp Flux:480.594x1 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	.348	.198	.063	.339	.194	.061	.323	.185	.059	.307	.177	.057	.293	.170	.055		
2.0	.316	.173	.053	.308	.170	.052	.293	.163	.051	.279	.157	.049	.267	.151	.048		
3.0	.287	.153	.046	.280	.150	.045	.266	.144	.044	.254	.139	.043	.243	.134	.042		
4.0	.261	.136	.040	.255	.133	.039	.243	.129	.038	.232	.125	.038	.222	.120	.037		
5.0	.239	.122	.035	.234	.120	.035	.223	.116	.034	.213	.112	.033	.204	.109	.033		
6.0	.220	.111	.032	.215	.109	.031	.206	.105	.031	.197	.102	.030	.188	.099	.029		
7.0	.204	.101	.029	.199	.099	.028	.191	.096	.028	.183	.094	.027	.175	.091	.027		
8.0	.190	.093	.026	.186	.091	.026	.178	.089	.025	.170	.086	.025	.163	.084	.024		
9.0	.177	.086	.024	.174	.085	.024	.166	.082	.023	.160	.080	.023	.153	.078	.022		
10.0	.166	.080	.022	.163	.079	.022	.156	.077	.022	.150	.074	.021	.144	.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	.234	.234	.234	.200	.200	.200	.137	.137	.137	.078	.078	.078	.025	.025	.025	
1.0	.227	.200	.175	.194	.172	.151	.133	.118	.104	.076	.068	.061	.024	.022	.020	
2.0	.220	.176	.139	.188	.152	.121	.129	.105	.084	.074	.061	.049	.024	.020	.016	
3.0	.212	.159	.117	.182	.137	.101	.125	.095	.071	.072	.056	.042	.023	.018	.014	
4.0	.205	.146	.101	.176	.126	.088	.121	.088	.062	.070	.052	.037	.022	.017	.012	
5.0	.197	.136	.091	.169	.118	.079	.117	.082	.056	.068	.048	.033	.022	.016	.011	
6.0	.190	.128	.083	.163	.111	.073	.112	.077	.051	.065	.046	.030	.021	.015	.010	
7.0	.183	.121	.078	.157	.105	.068	.109	.073	.048	.063	.043	.029	.020	.014	.009	
8.0	.176	.115	.073	.151	.100	.064	.105	.070	.045	.061	.041	.027	.020	.014	.009	
9.0	.170	.110	.070	.146	.096	.061	.101	.067	.043	.059	.040	.026	.019	.013	.009	
10.0	.164	.106	.068	.141	.092	.059	.098	.065	.042	.057	.038	.025	.019	.013	.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:0.0654A P:5.6735W PF:0.8666 Freq:60.00Hz Lamp Flux:480.594x1 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	21.6	23.1	22.0	23.4	23.7	22.4	23.9	22.7	24.2	24.5
3H	23.2	24.6	23.6	25.0	25.3	25.0	26.3	25.3	26.7	27.0
4H	23.9	25.2	24.3	25.6	26.0	26.1	27.4	26.5	27.8	28.2
6H	24.3	25.6	24.8	26.0	26.4	27.1	28.4	27.6	28.8	29.2
8H	24.4	25.6	24.9	26.0	26.5	27.6	28.8	28.0	29.2	29.6
12H	24.5	25.6	24.9	26.0	26.5	28.0	29.2	28.4	29.6	30.0
4H 2H	22.5	23.8	22.9	24.2	24.5	23.1	24.4	23.5	24.7	25.1
3H	24.4	25.6	24.8	26.0	26.4	25.9	27.0	26.3	27.4	27.9
4H	25.2	26.3	25.7	26.7	27.2	27.2	28.2	27.6	28.7	29.1
6H	25.8	26.8	26.3	27.2	27.7	28.3	29.3	28.8	29.8	30.3
8H	26.0	26.9	26.5	27.4	27.9	28.9	29.8	29.4	30.2	30.7
12H	26.1	26.9	26.6	27.4	27.9	29.4	30.2	29.9	30.7	31.2
8H 4H	25.9	26.8	26.4	27.3	27.8	27.5	28.4	28.0	28.9	29.4
6H	26.7	27.5	27.3	28.0	28.6	28.9	29.7	29.4	30.2	30.7
8H	27.1	27.7	27.6	28.2	28.8	29.6	30.3	30.1	30.8	31.4
12H	27.3	27.8	27.8	28.4	29.0	30.3	30.9	30.8	31.4	32.0
12H 4H	26.0	26.9	26.5	27.3	27.9	27.5	28.4	28.1	28.8	29.4
6H	27.0	27.7	27.5	28.2	28.8	29.0	29.7	29.5	30.2	30.8
8H	27.4	28.0	28.0	28.5	29.1	29.7	30.3	30.3	30.9	31.5
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 / - 0.4					+ 0.1 / - 0.3				

CIE Pub.117, 480.6 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = -2.5$)
 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:0.0654A P:5.6735W PF:0.8666 Freq:60.00Hz Lamp Flux: 480.594x1 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	53	41	34	51	40	34	27
0.80	63	51	43	62	50	43	60	49	42	35
1.00	71	59	51	70	58	51	67	59	50	42
1.25	78	67	59	76	66	58	73	64	57	49
1.50	83	72	65	81	71	64	77	69	62	54
2.00	90	81	73	88	79	72	84	76	70	61
2.50	95	86	79	92	84	78	87	81	75	65
3.00	98	90	84	96	88	83	91	85	80	69
4.00	103	96	91	100	94	89	94	90	85	75
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 SHRNM = 1.25										

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

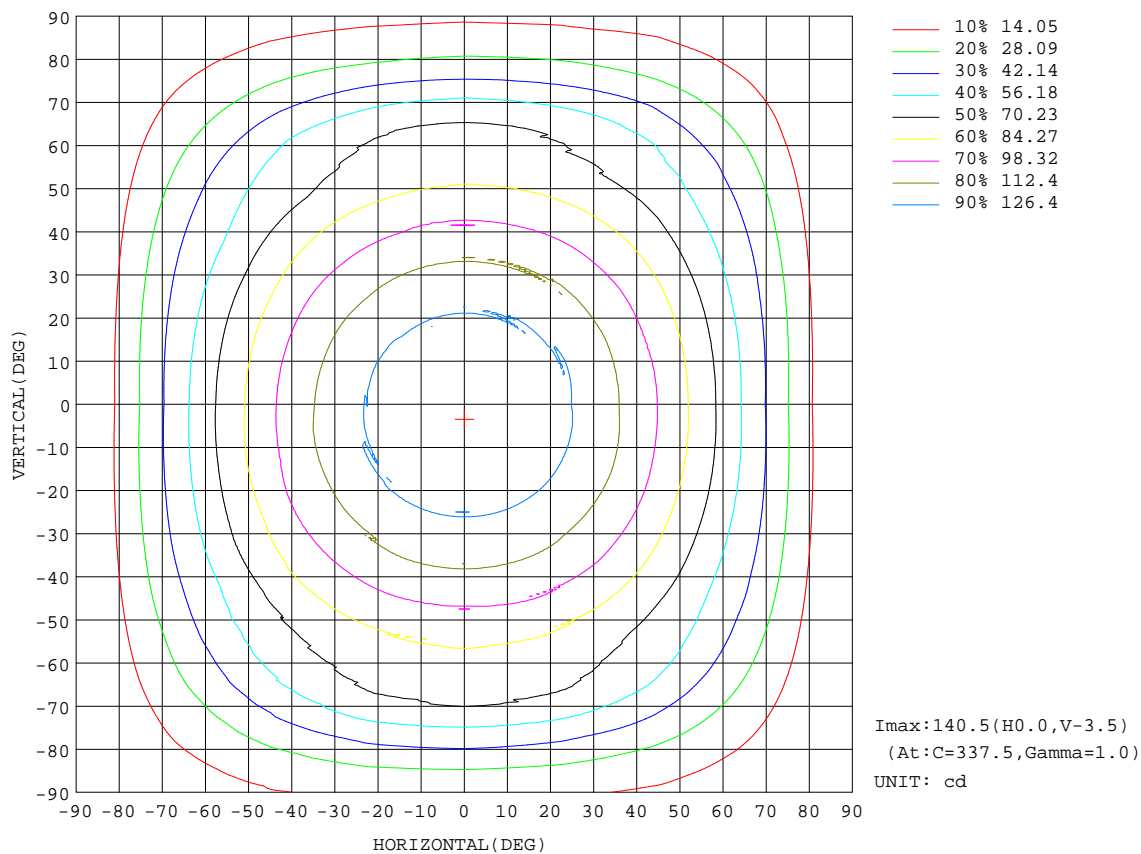
Checker: Near Gao

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 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:0.0654A P:5.6735W PF:0.8666 Freq:60.00Hz Lamp Flux:480.594x1 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

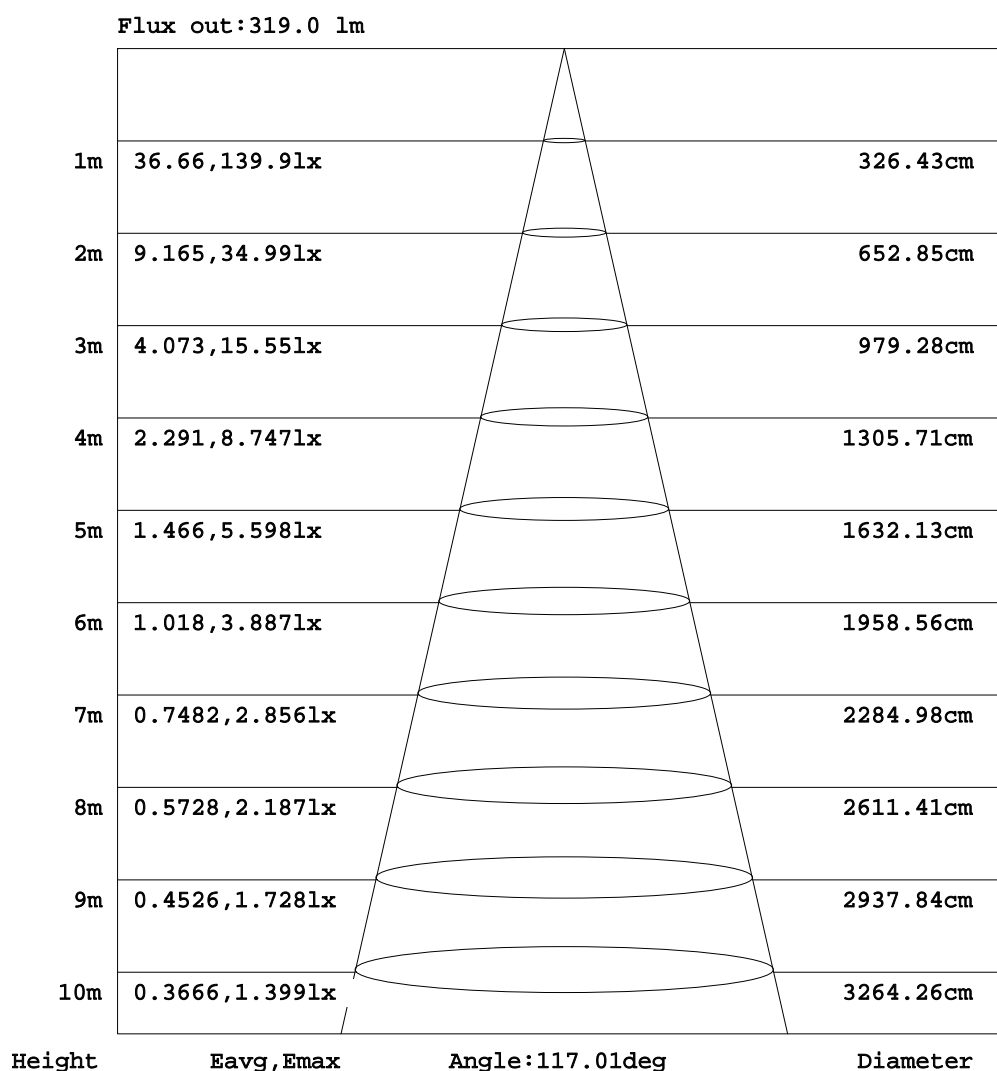
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.444
 Humidity:60.5%
 Test Distance:2.639m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

AAI Figure

Test:U:100.14V I:0.0654A P:5.6735W PF:0.8666 Freq:60.00Hz Lamp Flux:480.594x1 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

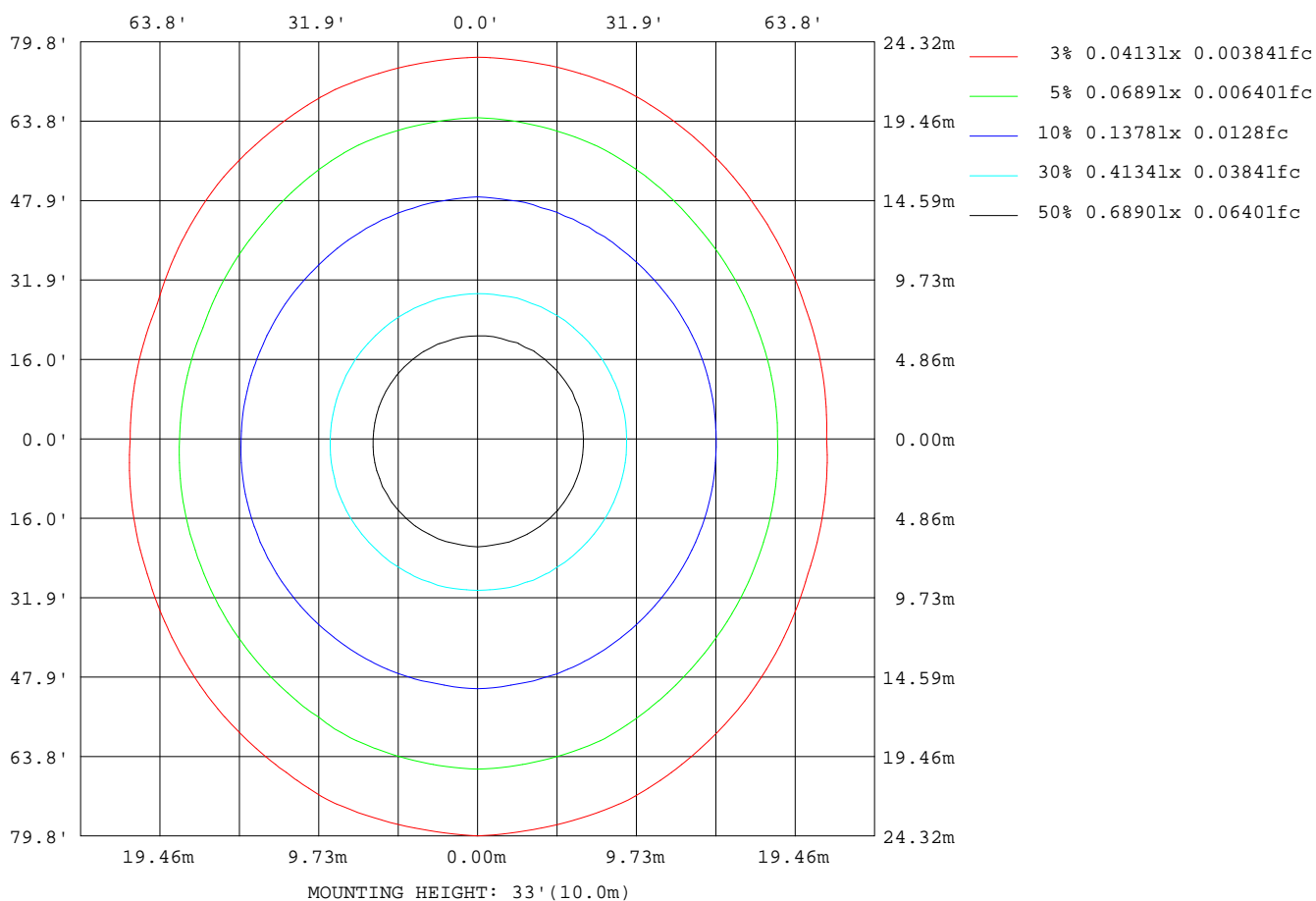
γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.444
Humidity: 60.5%
Test Distance: 2.639m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

ISOLUX DIAGRAM

Test:U:100.14V I:0.0654A P:5.6735W PF:0.8666 Freq:60.00Hz Lamp Flux:480.594x1 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:0.0654A P:5.6735W PF:0.8666 Freq:60.00Hz Lamp Flux:480.594x1 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	12757
L_0~180(75)av	11036
L_0~180(85)av	6690
L_90~270(65)av	17534
L_90~270(75)av	19192
L_90~270(85)av	26334
L_45(65)av	15224
L_45(75)av	17244
L_45(85)av	21579

Standard: GB/T 29293-2012

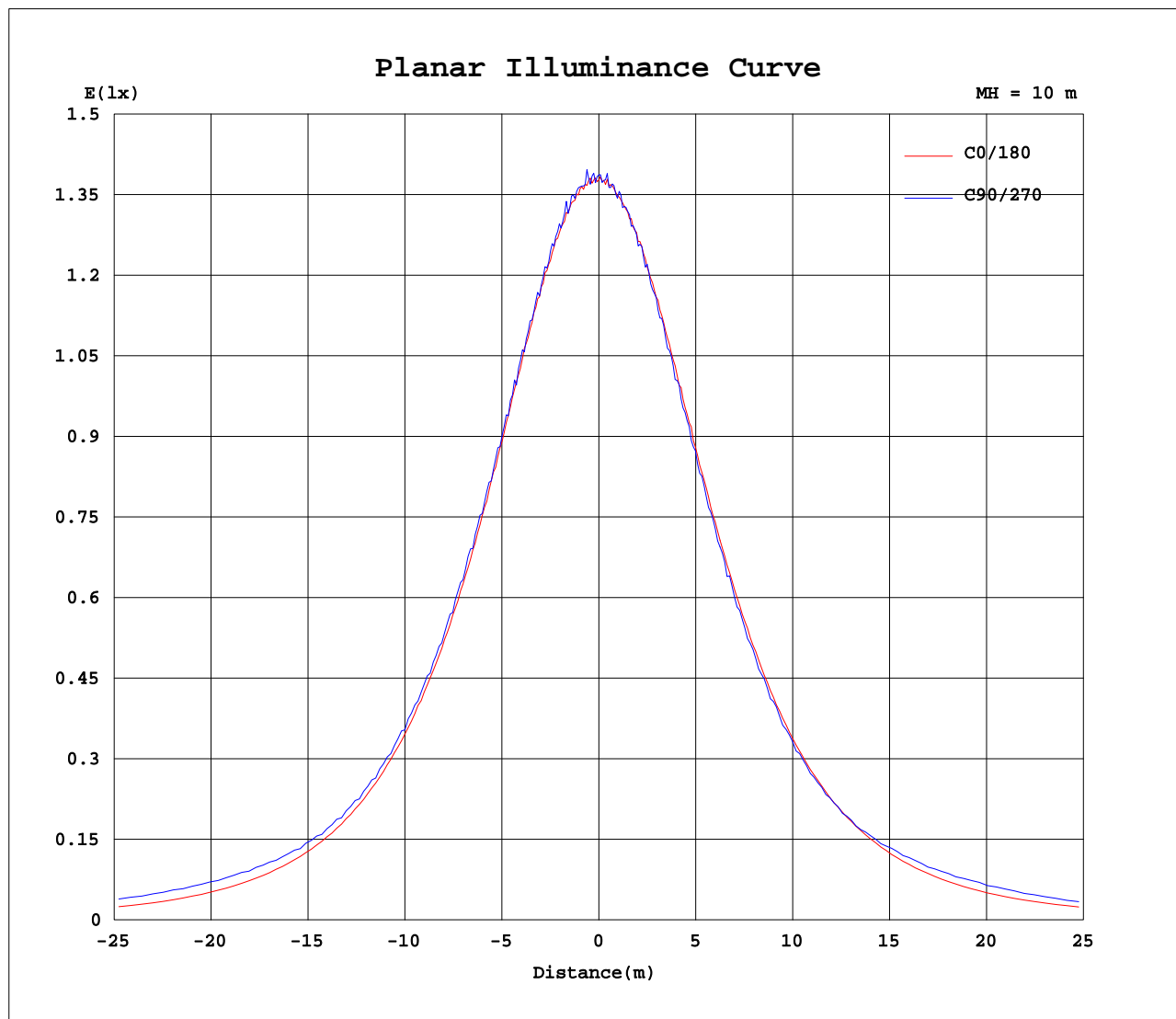
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 Humidity:60.5%
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Planar Illuminance Curve



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]
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Checker: Near Gao

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LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:100.14V I:0.0654A P:5.6735W PF:0.8666 Freq:60.00Hz Lamp Flux:480.594x1 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	138	138	138	138	138	138	138	138	138	138	138	138	138	138	138	138			
5	139	138	139	137	138	137	138	140	137	137	138	137	136	137	138	140			
10	137	137	138	137	137	137	137	136	136	135	136	134	135	136	136	137			
15	135	136	136	135	134	133	134	135	133	133	133	131	131	132	134	137			
20	131	132	133	131	132	132	131	130	130	129	128	126	127	129	130	131			
25	127	129	129	127	126	126	127	128	125	124	123	121	123	123	125	129			
30	120	122	123	122	122	121	121	120	119	118	116	115	117	117	119	121			
35	114	116	116	116	115	114	114	116	112	111	110	108	109	111	113	115			
40	107	108	109	109	109	109	107	107	105	103	103	100	101	103	105	106			
45	98.2	99.4	101	101	99.8	100	98.9	99.9	95.8	94.2	94.0	92.4	93.5	93.8	96.7	98.6			
50	89.0	89.9	92.5	93.2	93.4	92.8	91.1	88.9	86.2	84.5	84.8	83.7	85.4	85.6	87.8	88.0			
55	77.8	80.4	82.6	84.8	84.1	83.2	81.3	80.2	76.3	74.1	75.5	76.8	79.4	77.9	77.3	78.8			
60	66.6	69.6	73.8	78.9	81.3	78.9	72.9	68.7	65.2	63.8	67.1	72.8	75.9	73.3	68.6	67.3			
65	54.4	58.6	66.9	74.2	76.7	73.3	65.8	59.0	53.5	53.6	61.9	68.2	71.5	68.7	62.7	57.4			
70	41.8	49.1	60.6	67.5	70.2	67.5	59.0	48.5	41.3	44.9	53.4	56.0	58.7	57.8	55.2	47.0			
75	28.5	38.7	49.0	53.7	55.5	54.2	48.1	38.6	28.6	34.2	39.4	41.5	43.9	43.3	42.1	36.8			
80	15.8	25.8	34.6	39.5	41.6	40.5	35.1	26.3	16.4	21.1	25.7	27.2	29.9	28.9	27.2	22.8			
85	5.34	13.9	21.4	25.5	27.1	26.2	21.9	15.1	6.32	11.1	15.4	17.6	18.8	18.0	16.5	12.0			
90	0.10	7.20	12.6	15.5	17.1	16.3	13.3	7.68	0.35	6.44	10.3	11.9	12.8	12.2	10.5	6.65			
95	0.07	2.20	0.22	0.26	5.17	3.53	2.11	1.81	0.06	1.89	0.29	9.90	11.1	10.9	0.47	1.92			
100	0.07	3.05	7.34	7.23	3.50	5.67	7.33	3.71	0.06	3.00	7.23	5.01	0.16	2.81	6.49	2.98			
105	0.08	3.49	7.80	9.06	9.46	8.63	7.22	3.42	0.08	3.09	7.12	8.49	9.43	8.81	7.40	2.93			
110	0.10	2.89	7.49	9.27	9.67	8.88	6.97	2.79	0.09	2.45	6.89	8.51	9.55	8.91	6.83	2.49			
115	0.12	2.31	7.13	8.82	9.27	8.43	6.48	2.26	0.10	1.84	6.69	8.53	9.38	8.79	6.74	1.94			
120	0.14	1.77	6.86	8.79	9.12	8.29	6.32	1.72	0.12	1.09	6.51	8.47	9.35	8.70	6.70	1.27			
125	0.14	1.20	6.81	8.65	9.00	8.11	6.07	1.14	0.13	0.54	5.89	8.63	9.52	8.96	6.42	0.57			
130	0.16	0.35	6.61	9.03	9.37	8.36	5.86	0.70	0.14	0.30	5.03	8.53	9.61	8.72	5.91	0.31			
135	0.16	0.48	5.75	8.97	9.46	8.28	5.02	0.14	0.17	0.17	3.83	8.18	9.08	8.66	4.97	0.22			
140	0.16	0.30	4.34	8.60	9.34	7.93	3.66	0.25	0.17	0.19	2.14	7.14	8.67	7.74	3.32	0.23			
145	0.16	0.16	2.56	7.09	8.24	6.48	2.05	0.16	0.17	0.19	0.90	4.97	7.33	5.78	1.66	0.20			
150	0.17	0.16	0.15	4.19	5.69	3.93	0.28	0.14	0.18	0.18	0.17	2.08	4.17	2.72	0.61	0.20			
155	0.18	0.16	0.53	0.30	2.48	0.87	0.50	0.15	0.18	0.17	0.20	0.74	1.53	1.04	0.20	0.18			
160	0.18	0.17	0.17	0.64	0.15	0.66	0.18	0.17	0.18	0.19	0.21	0.19	0.17	0.19	0.21	0.21			
165	0.18	0.18	0.16	0.16	0.15	0.15	0.15	0.17	0.18	0.19	0.16	0.18	0.19	0.17	0.16	0.20			
170	0.19	0.18	0.18	0.16	0.15	0.16	0.17	0.18	0.17	0.19	0.18	0.16	0.16	0.16	0.18	0.19			
175	0.20	0.20	0.20	0.18	0.19	0.18	0.19	0.20	0.19	0.20	0.20	0.17	0.19	0.17	0.19	0.20			
180	0.19	0.19	0.19	0.19	0.19	0.18	0.19	0.18	0.19	0.19	0.20	0.19	0.19	0.18	0.18	0.19			

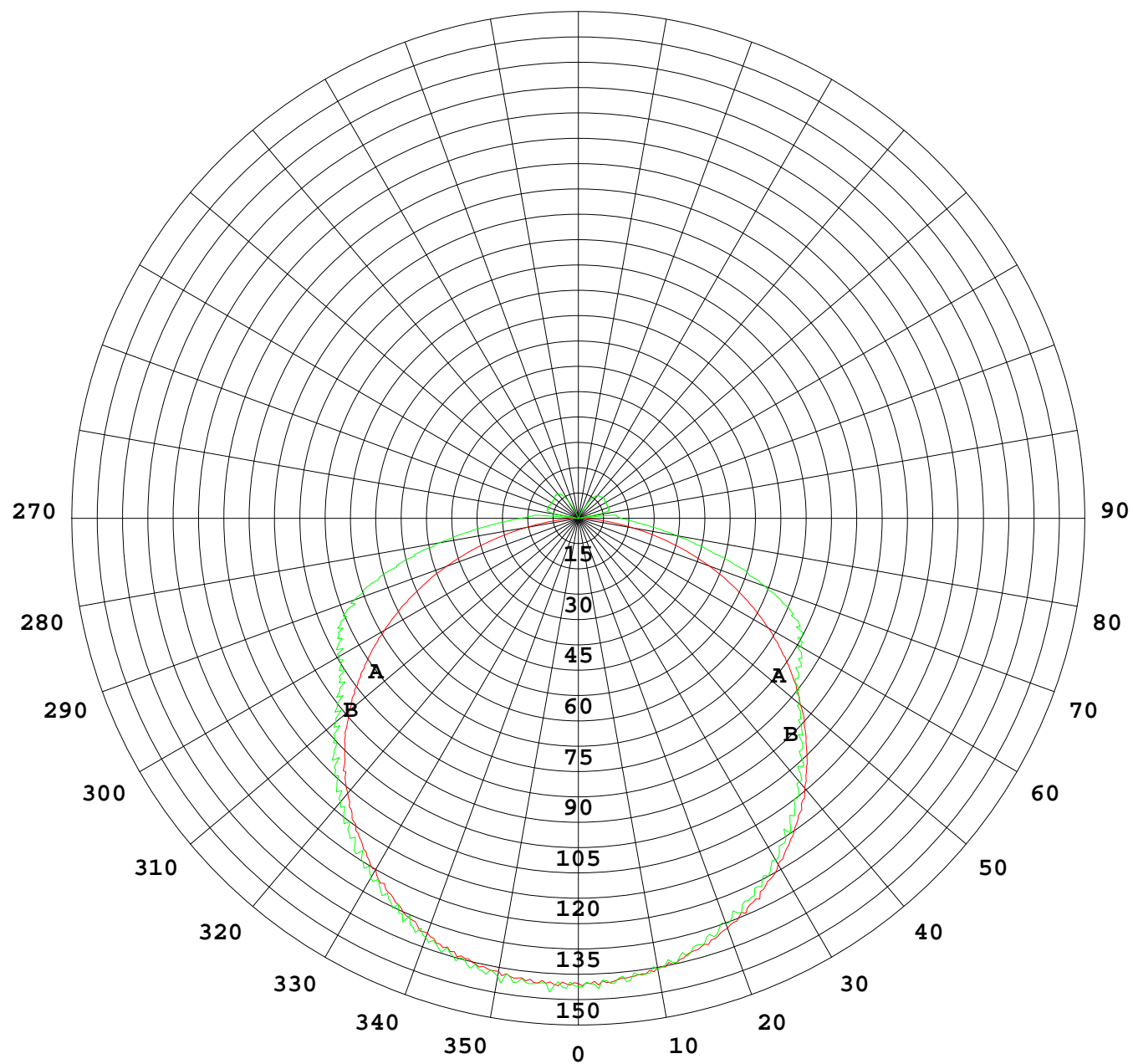
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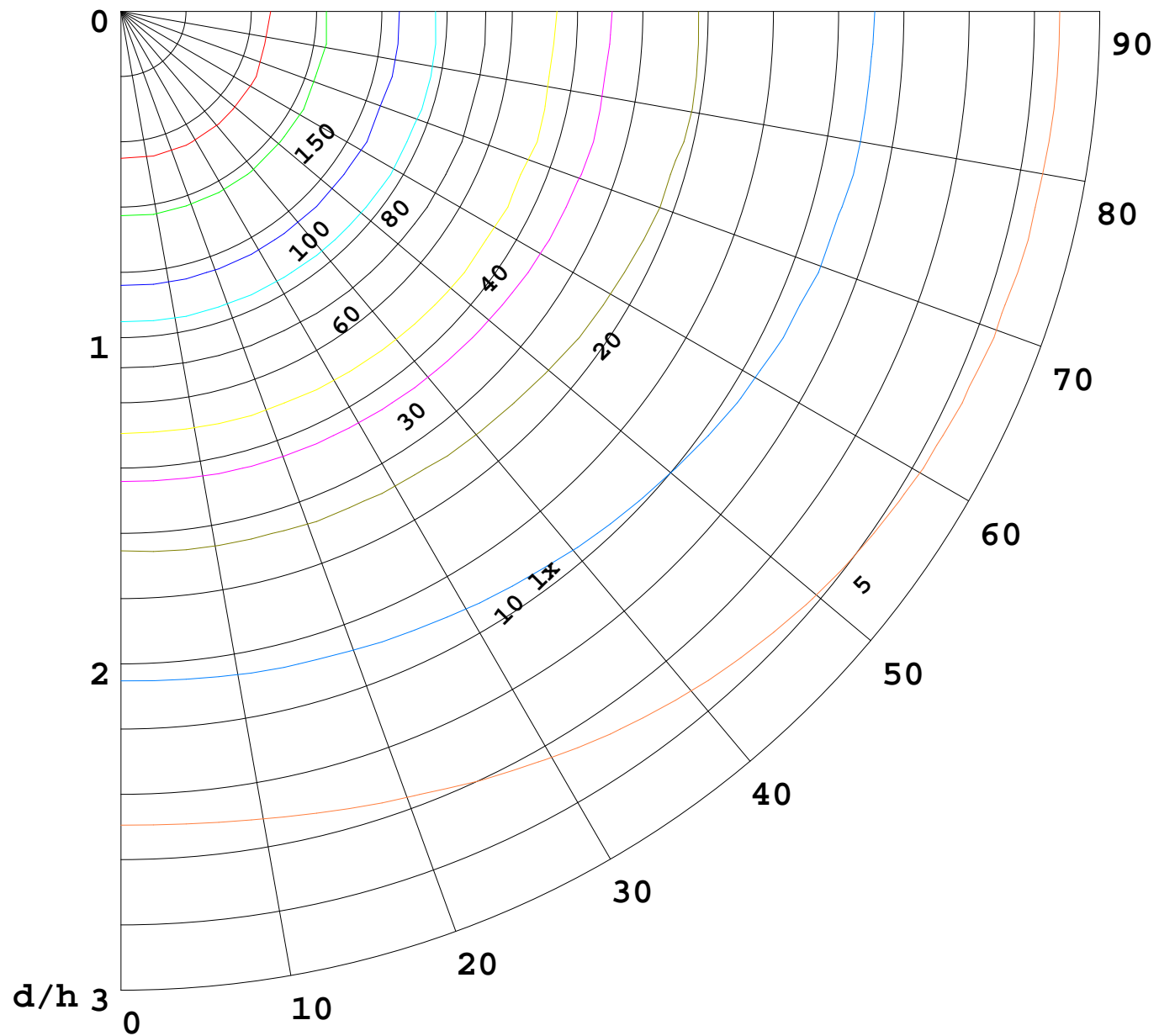
Assessor: Akin Xu

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

