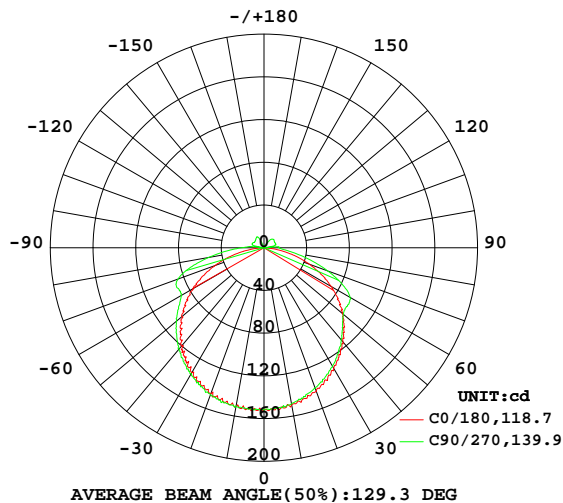
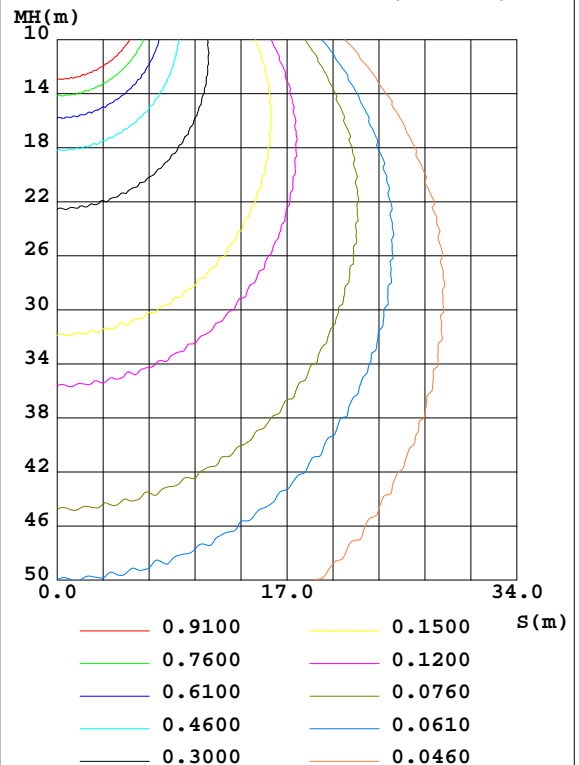


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:100.10V I:0.0649A P:5.6249W PF:0.8663 Freq:60.00Hz Lamp Flux:546.057x1 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: 97.08 lm/W
MODEIR100-2835HY-120L-5000K		Imax(cd)	153.9	S/MH(C0/180)	1.31	
NOMINAL POWER(W)	6	LOR(%)	100.0	S/MH(C90/270)	1.34	
RATED VOLTAGE(V)	100	TOTAL FLUX(lm)	546.06	η UP,DN(C0-180)	2.8,44.6	
NOMINAL FLUX(lm)	546.057	CIE CLASS	DIRECT	η UP,DN(C180-360)	3.3,49.2	
LAMPS INSIDE	1	η up(%)	6.2	CIBSE SHR NOM	1.50	
TEST VOLTAGE(V)	100	η down(%)	93.8	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	149.3	149.2	148.3	149.4	150.8	151.1	150.2	150.8	0- 10	14.42	14.42	2.64,2.64
20	143.0	140.4	140.1	142.5	145.7	147.4	146.3	145.5	10- 20	41.67	56.09	10.3,10.3
30	130.4	129.0	128.2	130.4	135.1	137.6	136.2	134.9	20- 30	64.08	120.2	22,22
40	114.9	113.5	112.4	114.9	120.2	124.8	123.5	119.8	30- 40	78.92	199.1	36.5,36.5
50	95.73	93.65	97.14	95.90	100.4	107.1	106.9	102.7	40- 50	84.50	283.6	51.9,51.9
60	72.87	78.50	92.80	80.51	77.20	85.77	89.41	81.88	50- 60	81.73	365.3	66.9,66.9
70	45.21	58.67	63.10	61.04	49.25	71.21	85.46	69.31	60- 70	72.83	438.1	80.2,80.2
80	16.91	26.94	29.29	28.30	19.59	44.33	52.57	43.11	70- 80	51.63	489.8	89.7,89.7
90	0.0396	11.87	14.20	12.18	0.5107	16.12	21.21	15.31	80- 90	22.61	512.4	93.8,93.8
100	0.0840	8.700	3.250	9.390	0.0622	8.848	0.2143	8.911	90-100	6.563	518.9	95,95
110	0.1118	8.099	11.67	8.616	0.0981	8.877	11.73	8.920	100-110	7.516	526.5	96.4,96.4
120	0.1482	7.332	11.30	7.756	0.1384	7.984	10.26	8.119	110-120	6.636	533.1	97.6,97.6
130	0.1718	5.391	12.07	6.251	0.1702	7.576	10.65	7.621	120-130	5.495	538.6	98.6,98.6
140	0.1913	1.509	10.31	2.692	0.1906	6.956	11.68	7.482	130-140	4.276	542.9	99.4,99.4
150	0.1998	0.1833	2.857	0.2077	0.2095	0.2001	11.80	0.5693	140-150	2.541	545.4	99.9,99.9
160	0.2013	0.1841	0.1826	0.2161	0.2114	0.3657	0.2022	0.4153	150-160	0.5579	546.0	100,100
170	0.2102	0.2116	0.1980	0.2204	0.2027	0.2165	0.1983	0.1994	160-170	0.0718	546.0	100,100
180	0.2214	0.2273	0.2282	0.2211	0.2198	0.2262	0.2282	0.2200	170-180	0.0204	546.1	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 241.25 lm

%lum = 44.2%

%lamp = 44.2%

Conical surface Flux(120deg): 365.31 lm

%lum = 66.9%

%lamp = 66.9%

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

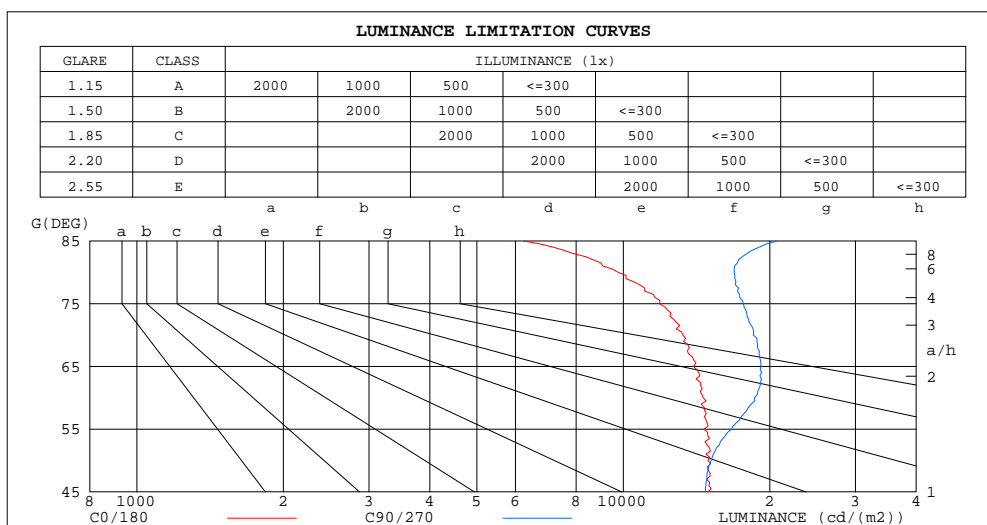
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.444
 Humidity:60.5%
 Test Distance:2.639m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

LUMINANCE LIMITATION CURVES

Test:U:100.10V I:0.0649A P:5.6249W PF:0.8663 Freq:60.00Hz Lamp Flux:546.057x1 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	6240	20727
80	9758	16910
75	11857	17648
70	13243	18497
65	13934	19173
60	14601	18608
55	14645	16689
50	14922	15151
45	14924	14783

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

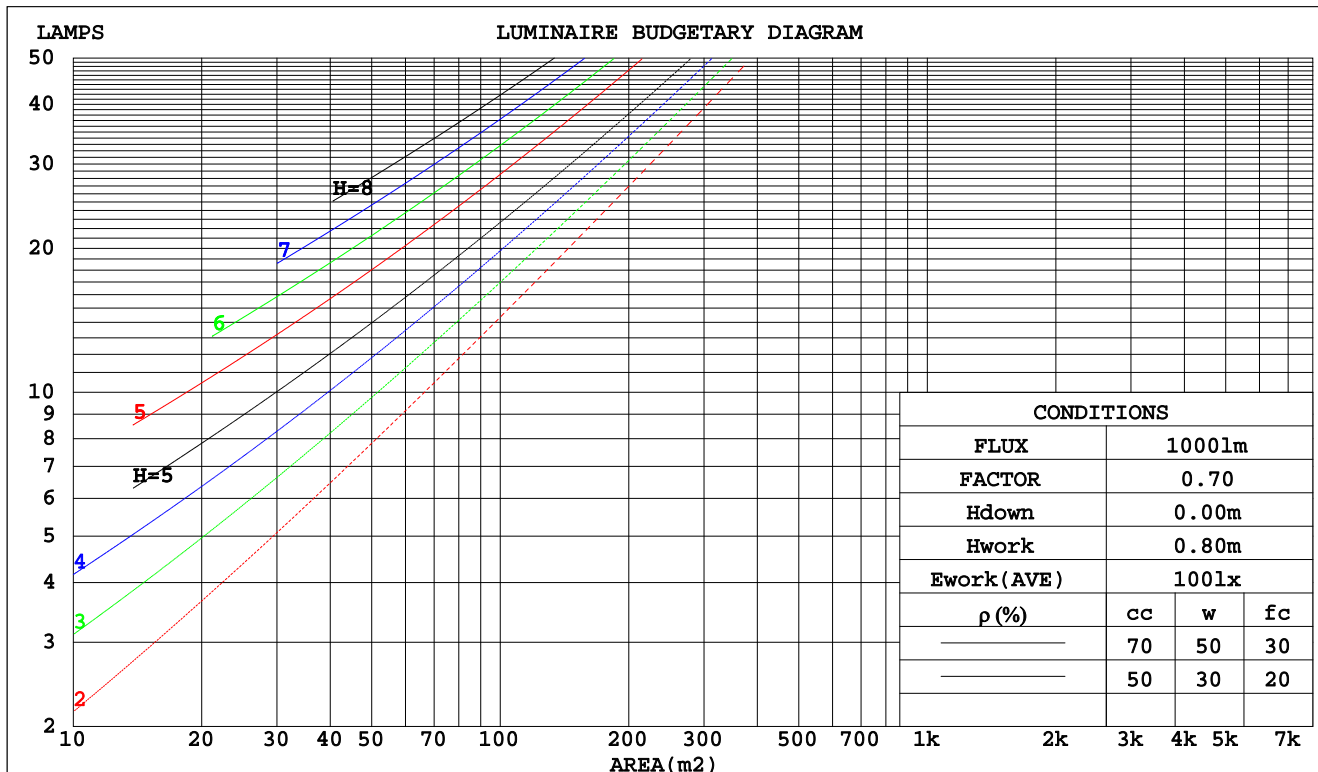
Checker: Near Gao

Assessor: Akin Xu

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:100.10V I:0.0649A P:5.6249W PF:0.8663 Freq:60.00Hz Lamp Flux:546.057x1 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	.96	.96	.96	.94
1.0	1.00	.95	.91	.97	.93	.89	.92	.88	.85	.87	.84	.81	.82	.80	.78	.75
2.0	.86	.79	.72	.84	.77	.71	.79	.73	.68	.75	.70	.66	.71	.67	.63	.61
3.0	.75	.66	.59	.73	.65	.58	.69	.62	.56	.65	.59	.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	.53	.43	.37	.51	.42	.36	.49	.41	.35	.46	.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	.26	.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	.26	.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:100.10V I:0.0649A P:5.6249W PF:0.8663 Freq:60.00Hz Lamp Flux:546.057x1 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	.351	.200	.063	.342	.195	.062	.325	.187	.060	.310	.179	.057	.295	.171	.055		
2.0	.318	.175	.054	.310	.171	.053	.295	.164	.051	.281	.158	.049	.268	.152	.048		
3.0	.289	.154	.046	.281	.151	.045	.268	.145	.044	.255	.140	.043	.244	.135	.042		
4.0	.263	.137	.040	.256	.134	.040	.244	.129	.039	.233	.125	.038	.222	.121	.037		
5.0	.241	.123	.036	.235	.121	.035	.224	.117	.034	.214	.113	.034	.204	.109	.033		
6.0	.221	.111	.032	.216	.109	.031	.206	.106	.031	.197	.102	.030	.189	.099	.029		
7.0	.205	.101	.029	.200	.100	.028	.191	.097	.028	.183	.094	.027	.175	.091	.027		
8.0	.190	.093	.026	.186	.092	.026	.178	.089	.025	.171	.086	.025	.163	.084	.024		
9.0	.178	.086	.024	.174	.085	.024	.167	.082	.023	.160	.080	.023	.153	.078	.022		
10.0	.167	.080	.022	.163	.079	.022	.156	.077	.022	.150	.075	.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	.237	.237	.237	.203	.203	.203	.139	.139	.139	.080	.080	.080	.025	.025	.025	
1.0	.231	.203	.178	.197	.174	.154	.135	.120	.106	.078	.069	.062	.025	.022	.020	
2.0	.223	.179	.142	.191	.154	.123	.131	.107	.086	.076	.062	.050	.024	.020	.016	
3.0	.216	.162	.120	.185	.140	.104	.127	.097	.073	.073	.057	.043	.024	.018	.014	
4.0	.208	.149	.104	.179	.129	.091	.123	.090	.064	.071	.053	.038	.023	.017	.012	
5.0	.201	.139	.094	.172	.121	.082	.119	.084	.058	.069	.049	.034	.022	.016	.011	
6.0	.193	.131	.086	.166	.114	.075	.115	.080	.053	.067	.047	.032	.021	.015	.010	
7.0	.186	.124	.081	.160	.108	.071	.111	.076	.050	.064	.045	.030	.021	.015	.010	
8.0	.180	.119	.077	.155	.103	.067	.107	.072	.047	.062	.043	.028	.020	.014	.009	
9.0	.173	.114	.074	.149	.099	.064	.103	.069	.046	.060	.041	.027	.020	.013	.009	
10.0	.167	.110	.071	.144	.095	.062	.100	.067	.044	.058	.040	.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:100.10V I:0.0649A P:5.6249W PF:0.8663 Freq:60.00Hz Lamp Flux:546.057x1 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	21.5	23.0	21.9	23.4	23.7	22.5	24.0	22.9	24.3	24.7	
	3H	23.2	24.6	23.6	24.9	25.3	24.6	26.0	25.0	26.4	26.7
	4H	23.8	25.2	24.2	25.5	25.9	25.4	26.7	25.8	27.1	27.5
	6H	24.2	25.5	24.7	25.9	26.3	26.0	27.2	26.4	27.6	28.0
	8H	24.3	25.5	24.8	25.9	26.4	26.2	27.4	26.7	27.8	28.3
	12H	24.3	25.5	24.8	25.9	26.4	26.4	27.6	26.9	28.0	28.5
4H	2H	22.4	23.7	22.8	24.1	24.5	23.1	24.5	23.5	24.8	25.2
	3H	24.3	25.4	24.7	25.8	26.3	25.4	26.6	25.9	27.0	27.4
	4H	25.0	26.1	25.5	26.5	27.0	26.3	27.4	26.8	27.8	28.3
	6H	25.6	26.5	26.1	27.0	27.5	27.1	28.0	27.6	28.5	29.0
	8H	25.7	26.6	26.2	27.1	27.6	27.4	28.3	27.9	28.7	29.3
	12H	25.8	26.6	26.3	27.1	27.6	27.7	28.5	28.2	29.0	29.5
8H	4H	25.5	26.4	26.0	26.9	27.4	26.6	27.5	27.1	28.0	28.5
	6H	26.2	26.9	26.7	27.5	28.0	27.5	28.2	28.0	28.8	29.3
	8H	26.5	27.1	27.0	27.7	28.2	27.9	28.6	28.5	29.1	29.7
	12H	26.6	27.2	27.2	27.8	28.4	28.4	28.9	28.9	29.5	30.1
12H	4H	25.5	26.3	26.0	26.8	27.4	26.6	27.4	27.1	27.9	28.5
	6H	26.3	27.0	26.9	27.5	28.1	27.6	28.2	28.1	28.8	29.3
	8H	26.6	27.2	27.2	27.8	28.4	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	+ 0.1 / - 0.3					+ 0.3 / - 0.4					

CIE Pub.117, 546.1 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -2.1)
 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:100.10V I:0.0649A P:5.6249W PF:0.8663 Freq:60.00Hz Lamp Flux:546.057x1 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	50	40	33	26
0.80	62	50	42	61	50	42	59	48	41	34
1.00	71	58	51	69	58	50	66	59	49	41
1.25	78	66	58	76	65	58	72	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	60
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	99	93	88	94	89	85	74
5.00	105	99	95	102	97	93	96	92	89	77
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

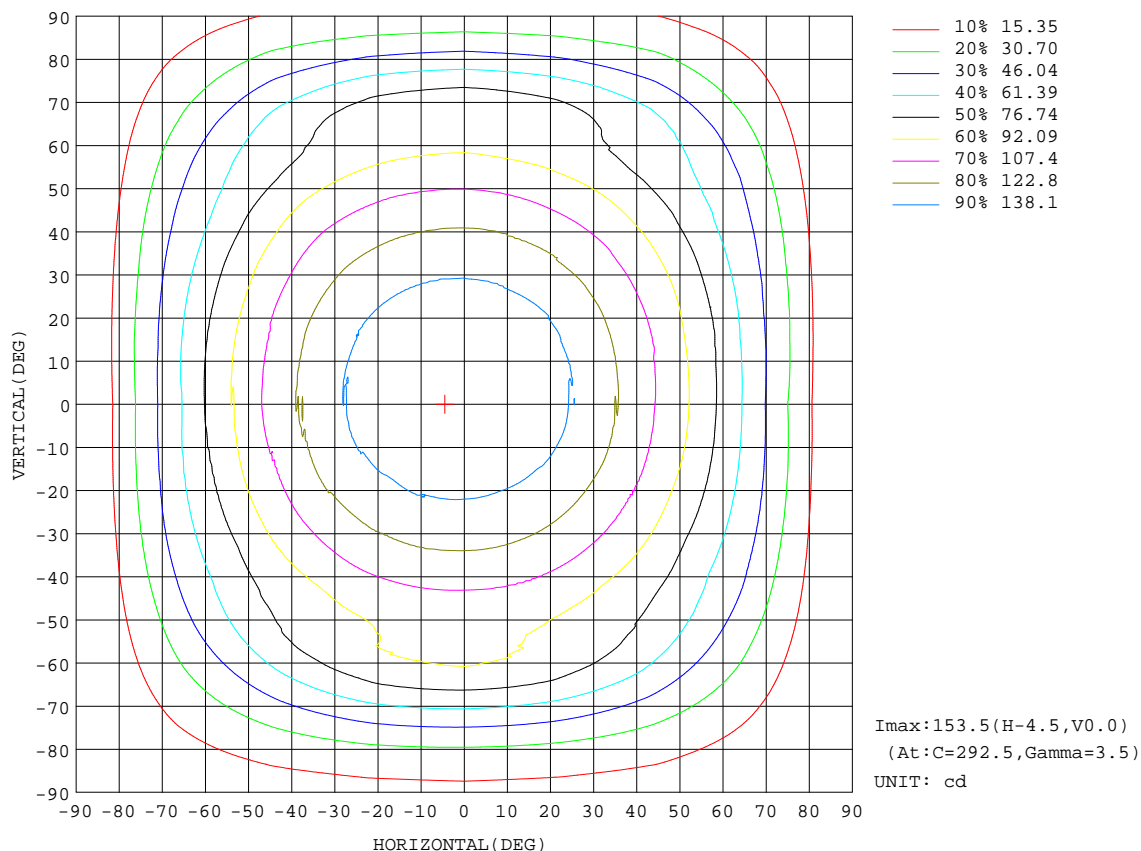
γ Range: 0 - 180DEG
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 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.444
 Humidity:60.5%
 Test Distance:2.639m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

ISOCANDELA DIAGRAM

Test:U:100.10V I:0.0649A P:5.6249W PF:0.8663 Freq:60.00Hz Lamp Flux:546.057x1 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

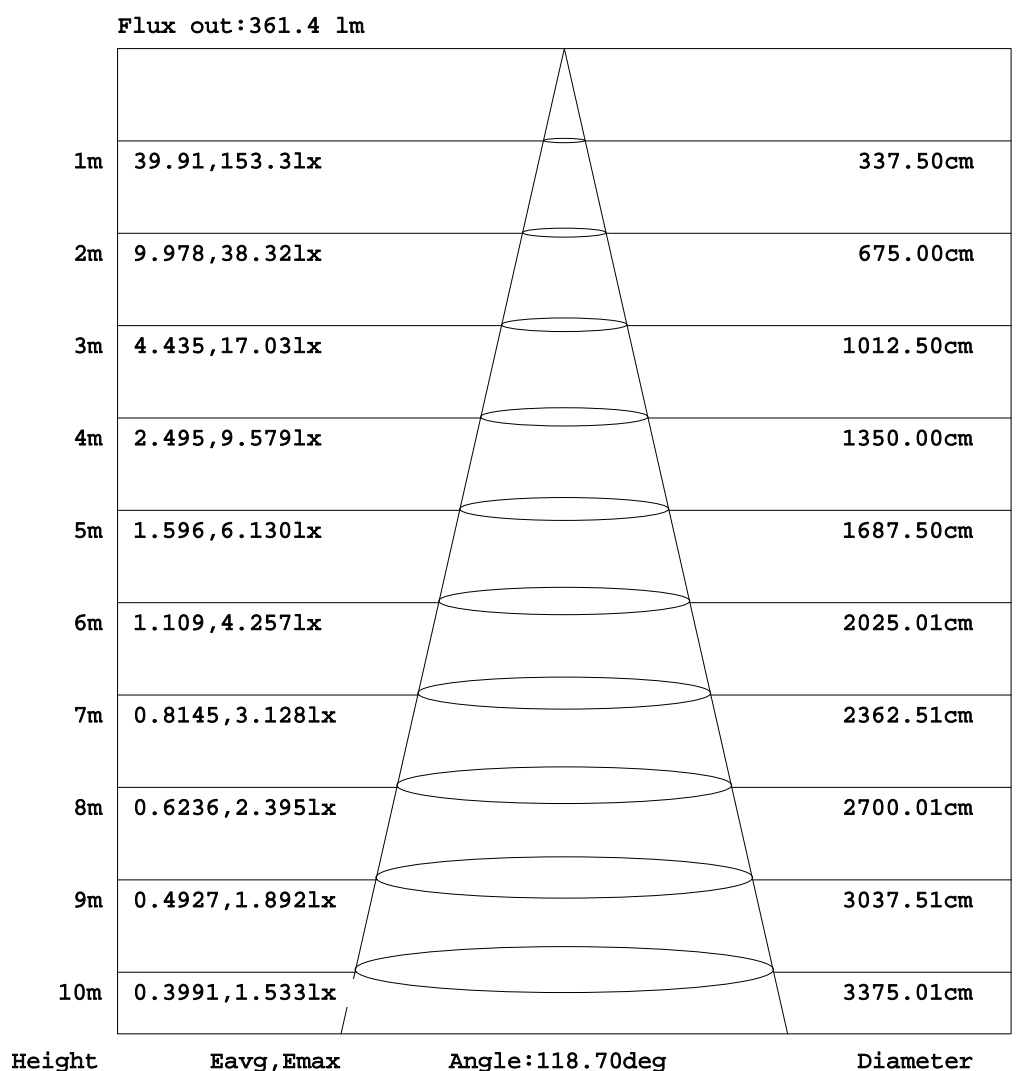
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.444
 Humidity:60.5%
 Test Distance:2.639m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

AAI Figure

Test:U:100.10V I:0.0649A P:5.6249W PF:0.8663 Freq:60.00Hz Lamp Flux:546.057x1 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

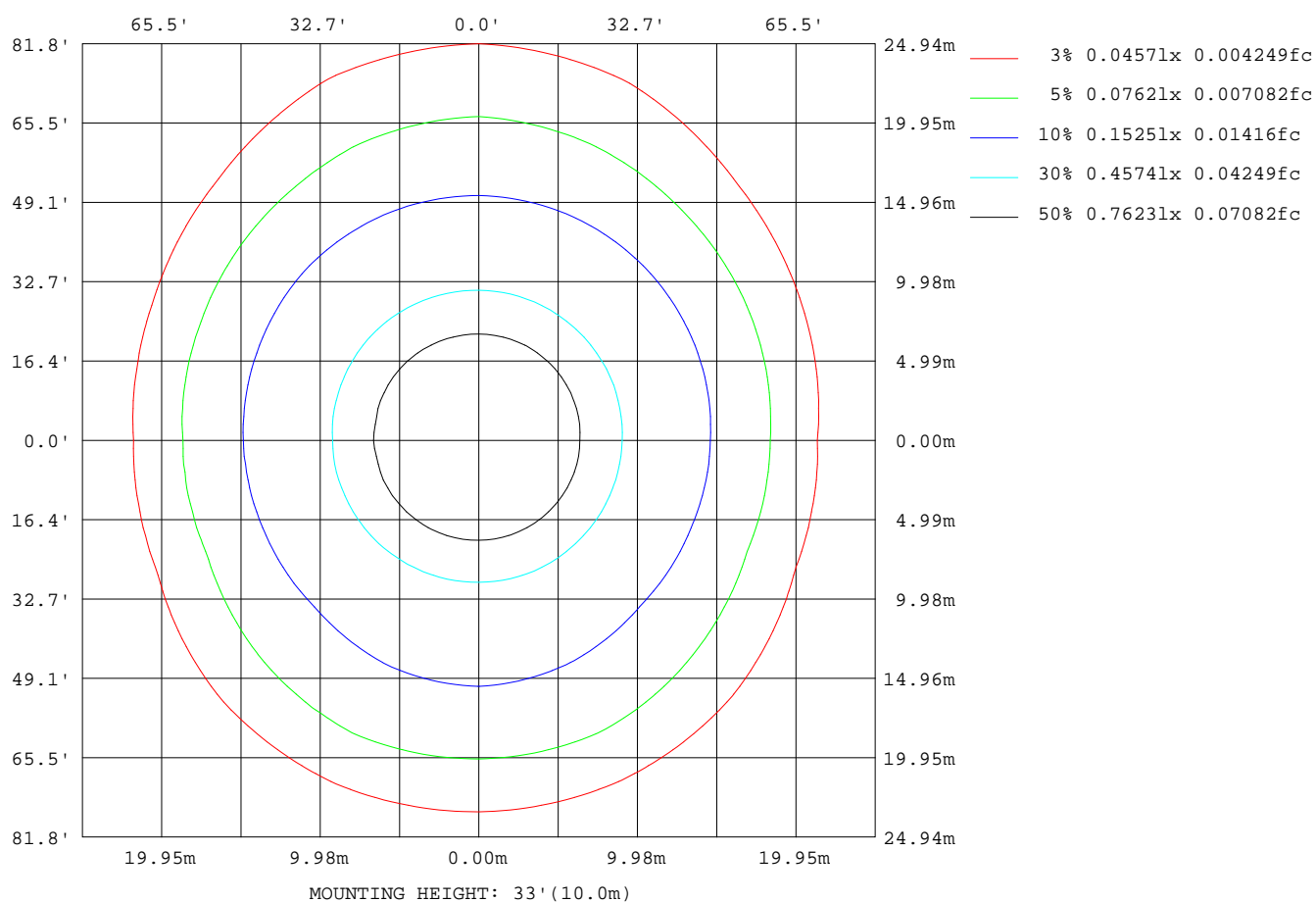
γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.444
Humidity: 60.5%
Test Distance: 2.639m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

ISOLUX DIAGRAM

Test:U:100.10V I:0.0649A P:5.6249W PF:0.8663 Freq:60.00Hz Lamp Flux:546.057x1 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:100.10V I:0.0649A P:5.6249W PF:0.8663 Freq:60.00Hz Lamp Flux:546.057x1 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	14536
L_0~180(75)av	12590
L_0~180(85)av	7471
L_90~270(65)av	20140
L_90~270(75)av	22554
L_90~270(85)av	30366
L_45(65)av	17509
L_45(75)av	20002
L_45(85)av	25376

Standard: GB/T 29293-2012

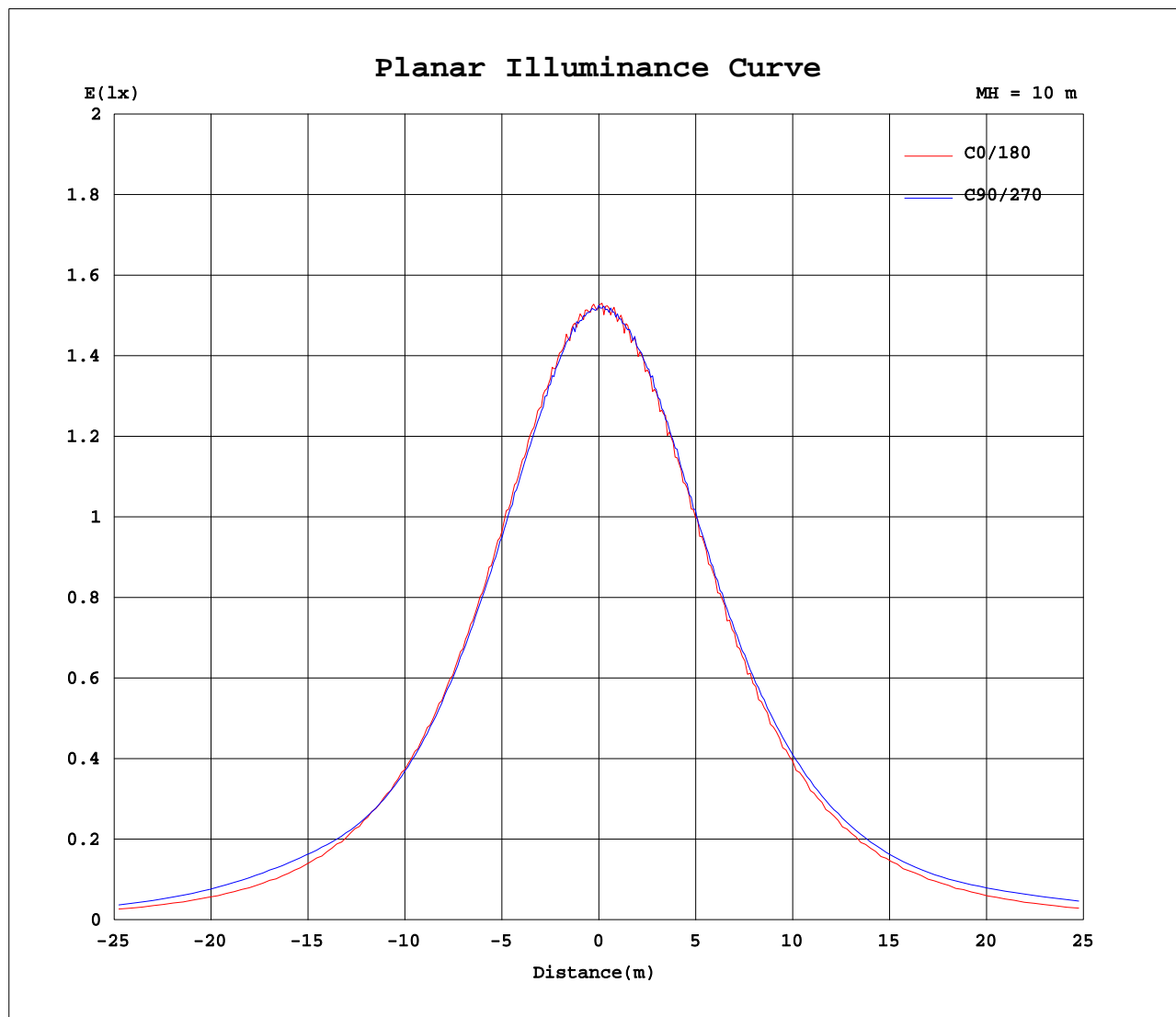
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:Wilson
Test Date:2023-07-07

Checker: Near Gao

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

Checker: Near Gao

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LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:100.10V I:0.0649A P:5.6249W PF:0.8663 Freq:60.00Hz Lamp Flux:546.057x1 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	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152			
5	151	152	151	150	150	151	151	151	152	152	152	152	151	152	151	152			
10	149	149	149	148	148	149	149	150	151	151	151	152	150	151	151	150			
15	146	146	145	145	144	146	147	148	149	150	150	149	149	150	149	148			
20	143	142	140	140	140	141	143	144	146	147	147	147	146	146	145	143			
25	137	137	135	135	135	136	137	140	141	142	143	143	141	142	141	139			
30	130	130	129	128	128	130	130	133	135	138	138	137	136	136	135	133			
35	122	123	121	121	121	122	123	126	129	131	132	131	131	130	128	125			
40	115	114	113	113	112	114	115	117	120	123	125	125	123	123	120	118			
45	105	105	103	104	104	105	106	108	111	114	116	117	116	115	112	109			
50	95.7	94.5	93.7	96.3	97.1	96.4	95.9	97.7	100	104	107	108	107	106	103	99.7			
55	83.8	83.9	84.3	90.9	95.5	93.1	86.3	86.9	89.8	92.8	97.0	98.3	97.7	96.3	92.4	89.6			
60	72.9	72.3	78.5	89.0	92.8	91.5	80.5	75.1	77.2	81.1	85.8	89.3	89.4	86.9	81.9	77.8			
65	58.8	61.2	71.9	78.6	80.8	80.9	74.8	64.4	64.1	68.7	75.9	85.8	89.4	84.0	73.4	65.9			
70	45.2	50.6	58.7	62.6	63.1	64.3	61.0	54.9	49.2	56.9	71.2	82.9	85.5	81.3	69.3	54.6			
75	30.6	37.6	42.2	44.7	45.6	46.4	44.5	40.7	34.5	46.9	60.7	69.4	71.2	68.2	59.6	45.3			
80	16.9	23.3	26.9	29.0	29.3	29.7	28.3	25.5	19.6	33.0	44.3	50.7	52.6	49.7	43.1	31.3			
85	5.43	11.8	16.0	17.5	18.0	17.8	16.3	13.1	7.59	18.8	28.7	33.3	34.9	32.6	27.5	17.3			
90	0.04	7.27	11.9	13.6	14.2	13.7	12.2	7.99	0.51	9.48	16.1	19.7	21.2	19.4	15.3	8.59			
95	0.06	2.12	0.28	0.87	7.49	4.77	2.43	2.54	0.05	2.51	0.74	12.6	14.1	13.3	0.15	2.02			
100	0.08	3.69	8.70	8.75	3.25	6.78	9.39	3.92	0.06	3.66	8.85	6.65	0.21	4.46	8.91	4.09			
105	0.10	3.34	8.64	10.9	11.7	11.2	9.15	3.55	0.08	4.37	9.28	10.5	11.5	11.1	9.19	4.38			
110	0.11	2.40	8.10	10.8	11.7	11.0	8.62	2.71	0.10	3.83	8.88	11.0	11.7	11.3	8.92	3.36			
115	0.12	1.46	7.71	10.5	11.3	10.6	8.13	1.83	0.12	3.40	8.34	10.6	11.4	10.8	8.13	2.87			
120	0.15	0.75	7.33	10.5	11.3	10.5	7.76	1.06	0.14	2.83	7.98	10.0	10.3	9.91	8.12	2.20			
125	0.16	0.34	6.70	10.8	11.7	10.7	7.37	0.55	0.15	2.18	7.61	9.87	10.4	9.98	7.52	1.81			
130	0.17	0.20	5.39	10.7	12.1	10.8	6.25	0.25	0.17	0.92	7.58	10.0	10.7	10.01	7.62	1.31			
135	0.18	0.17	3.38	9.81	11.5	10.1	4.68	0.18	0.19	0.21	7.71	10.7	10.9	10.5	7.79	0.29			
140	0.19	0.20	1.51	7.71	10.3	8.59	2.69	0.18	0.19	0.27	6.96	11.2	11.7	10.8	7.48	0.52			
145	0.20	0.20	0.39	4.14	7.10	5.23	0.64	0.20	0.20	0.27	5.87	11.1	12.2	11.1	6.37	0.38			
150	0.20	0.18	0.18	1.20	2.86	1.58	0.21	0.19	0.21	0.20	0.20	9.48	11.8	9.97	0.57	0.27			
155	0.20	0.19	0.22	0.21	0.29	0.22	0.20	0.19	0.22	0.20	0.70	2.39	7.47	3.36	0.30	0.22			
160	0.20	0.22	0.18	0.18	0.18	0.18	0.22	0.21	0.21	0.22	0.37	0.27	0.20	0.29	0.42	0.23			
165	0.20	0.22	0.18	0.17	0.20	0.18	0.19	0.21	0.21	0.23	0.19	0.33	0.48	0.30	0.19	0.22			
170	0.21	0.21	0.21	0.19	0.20	0.20	0.22	0.22	0.20	0.22	0.22	0.20	0.20	0.19	0.20	0.21			
175	0.22	0.23	0.23	0.22	0.24	0.22	0.23	0.23	0.21	0.23	0.23	0.21	0.21	0.20	0.21	0.22			
180	0.22	0.22	0.23	0.22	0.23	0.21	0.22	0.22	0.22	0.22	0.23	0.22	0.23	0.21	0.22	0.22			

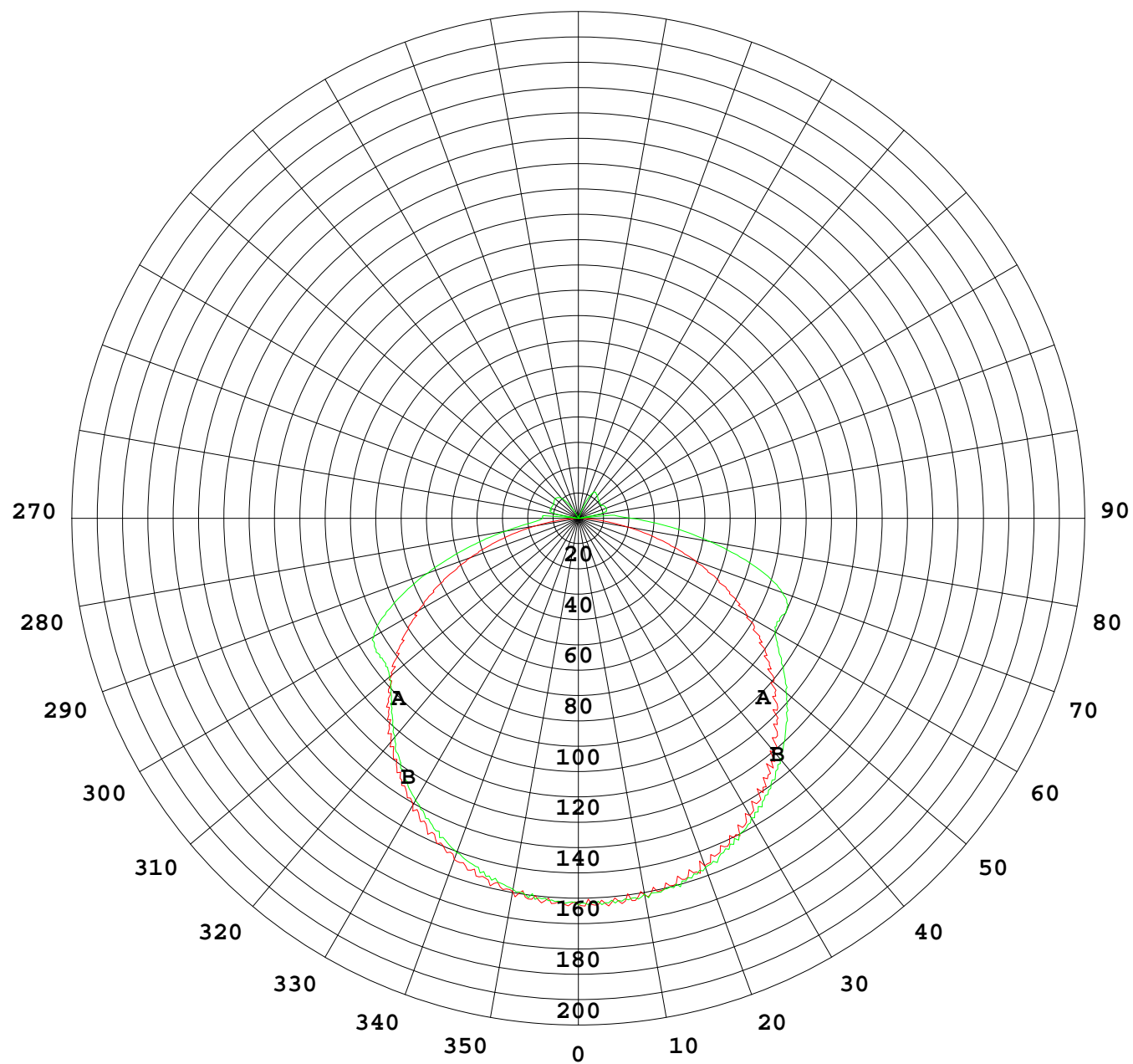
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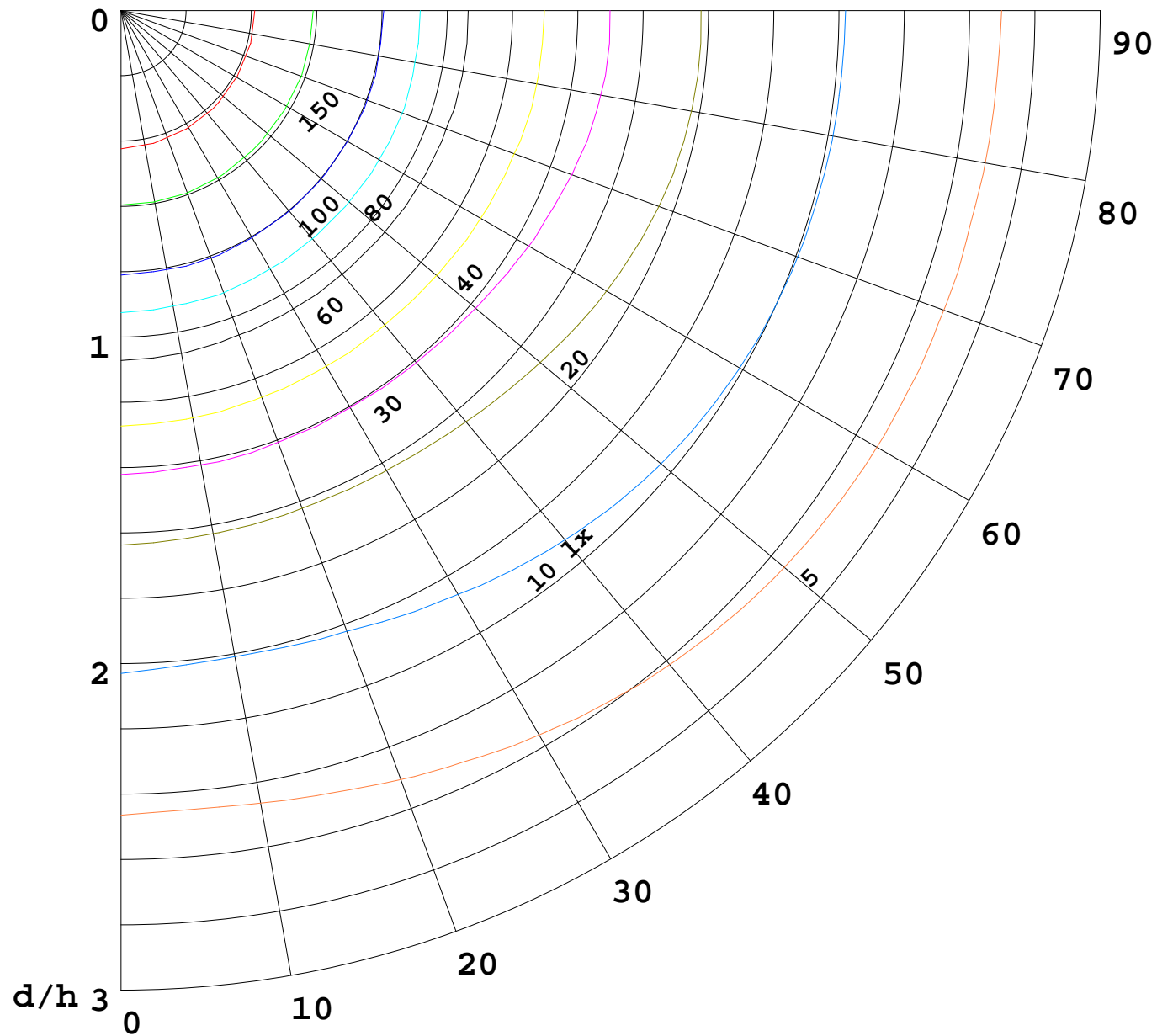
Assessor: Akin Xu

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

