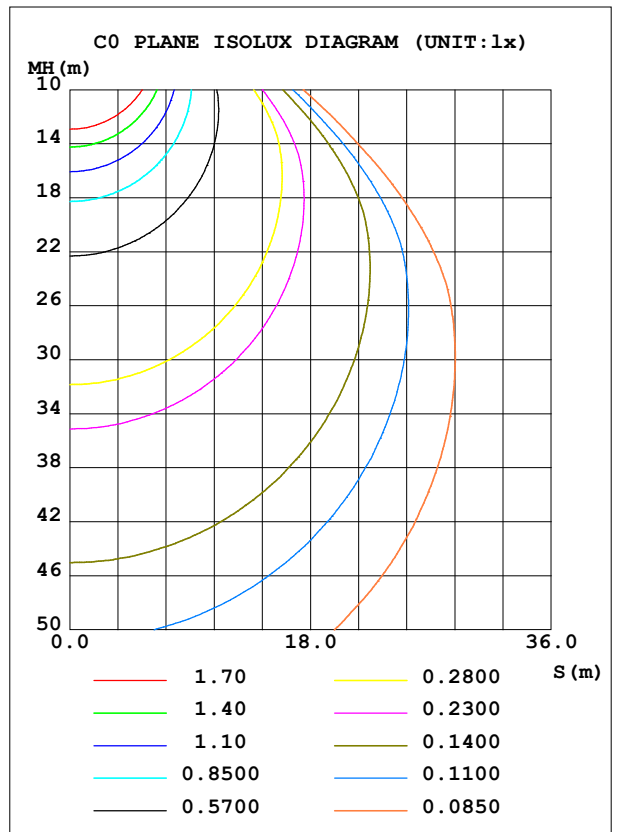
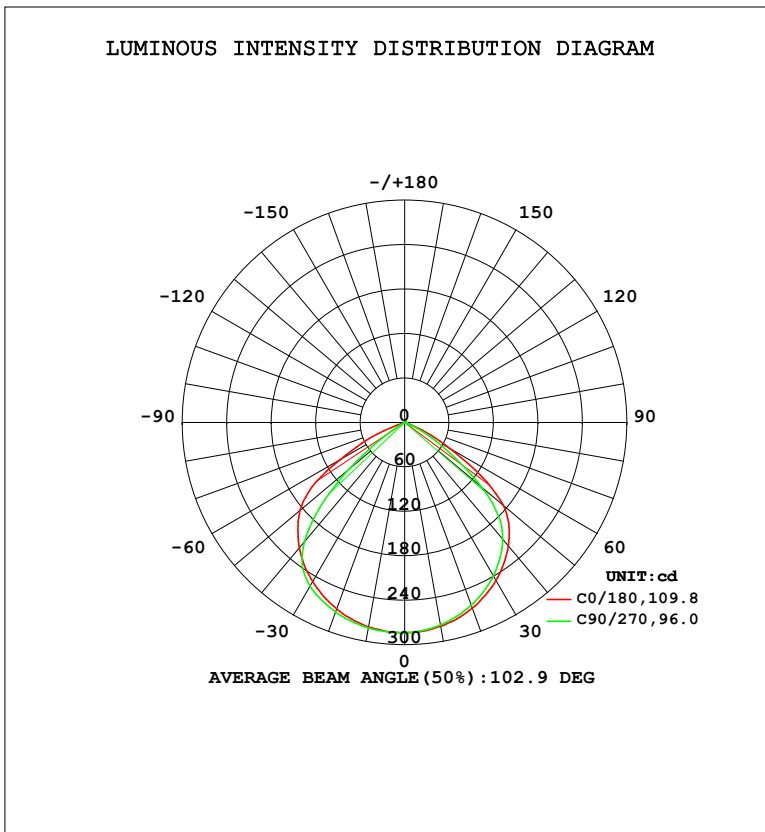


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.1V I:0.1103A P:11.86W PF:0.8955 Freq:60.01Hz Lamp Flux:640.437x1 lm		
NAME: LRS-O3-MCT-BR 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: FOSHAN LEDKEY LIGHTING CO.,LTD.	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL		Imax (cd)	284.2	S/MH (C0/180)	1.30
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	1.33
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	640.44	η UP, DN (C0-180)	0.1, 48.8
NOMINAL FLUX (lm)	640.437	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.1, 51.1
LAMPS INSIDE	1	η up (%)	0.1	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)	120	η down (%)	99.9	CIBSE SHR MAX	1.50



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.2 °C
 Operators: Dano
 Test Date: 2023-07-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.459
 Humidity: 55.3%
 Test Distance: 2.900m [K=0.8810]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	279.4	277.7	277.6	278.0	280.3	280.9	281.4	280.8	0- 10	26.89	26.89	4.2,4.2
20	266.8	263.4	262.7	264.6	268.1	270.6	272.4	270.6	10- 20	77.51	104.4	16.3,16.3
30	246.2	240.9	239.5	242.0	247.9	252.7	255.3	252.5	20- 30	119.1	223.5	34.9,34.9
40	217.7	209.3	206.0	210.5	221.1	228.0	210.7	227.4	30- 40	146.0	369.5	57.7,57.7
50	173.6	145.7	135.8	156.9	184.3	179.0	97.62	175.3	40- 50	146.2	515.8	80.5,80.5
60	70.95	43.95	43.15	65.25	101.1	74.31	3.714	65.77	50- 60	94.63	610.4	95.3,95.3
70	5.038	1.613	2.099	2.749	10.72	0.3160	0.5164	0.3625	60- 70	27.00	637.4	99.5,99.5
80	0.1466	0.9869	1.623	1.083	0.1418	0.1450	0.1205	0.1884	70- 80	1.878	639.3	99.8,99.8
90	0.0015	0.2908	0.6833	0.3147	0.0068	0.0000	0	0.0008	80- 90	0.3911	639.7	99.9,99.9
100	0.0123	0.0115	0	0.0034	0.0282	0.0153	0.0149	0.0235	90-100	0.0582	639.7	99.9,99.9
110	0.0336	0.0306	0.0137	0.0205	0.0584	0.0421	0.0410	0.0538	100-110	0.0257	639.7	99.9,99.9
120	0.0736	0.0664	0.0538	0.0581	0.0792	0.0677	0.0665	0.0767	110-120	0.0504	639.8	99.9,99.9
130	0.1421	0.1247	0.1120	0.1183	0.1316	0.1214	0.1203	0.1280	120-130	0.0829	639.9	99.9,99.9
140	0.2103	0.1970	0.1819	0.1915	0.2280	0.2213	0.2187	0.2247	130-140	0.1269	640.0	99.9,99.9
150	0.2354	0.2401	0.2422	0.2316	0.3319	0.3308	0.3292	0.3292	140-150	0.1554	640.2	100,100
160	0.2776	0.2874	0.2950	0.2811	0.3897	0.3917	0.3931	0.3993	150-160	0.1451	640.3	100,100
170	0.3173	0.3287	0.3356	0.3225	0.3914	0.3929	0.4004	0.4023	160-170	0.0986	640.4	100,100
180	0.3859	0.3919	0.3997	0.3831	0.3794	0.3827	0.3893	0.3946	170-180	0.0357	640.4	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 445.3 lm

%lum = 69.5%

%lamp = 69.5%

Conical surface Flux(120deg): 610.39 lm

%lum = 95.3%

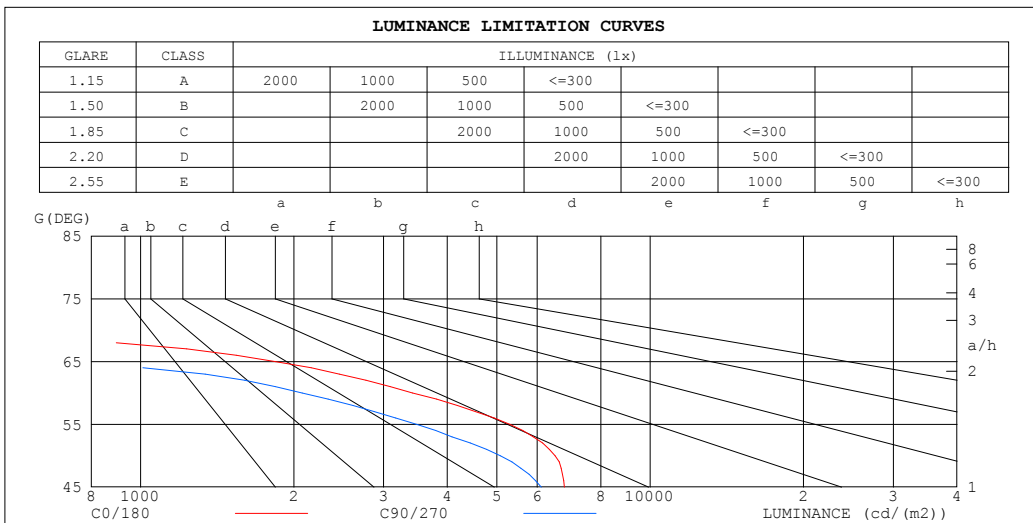
%lamp = 95.3%

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.2℃
Operators:Dano
Test Date:2023-07-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.459
Humidity:55.3%
Test Distance:2.900m [K=0.8810]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.1V I:0.1103A P:11.86W PF:0.8955 Freq:60.01Hz Lamp Flux:640.437x1 lm		
NAME: LRS-O3-MCT-BR 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: FOSHAN LEDKEY LIGHTING CO.,LTD.	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	23	346
80	20	225
75	19	176
70	355	148
65	1842	687
60	3418	2076
55	5304	3487
50	6506	5081
45	6787	6118

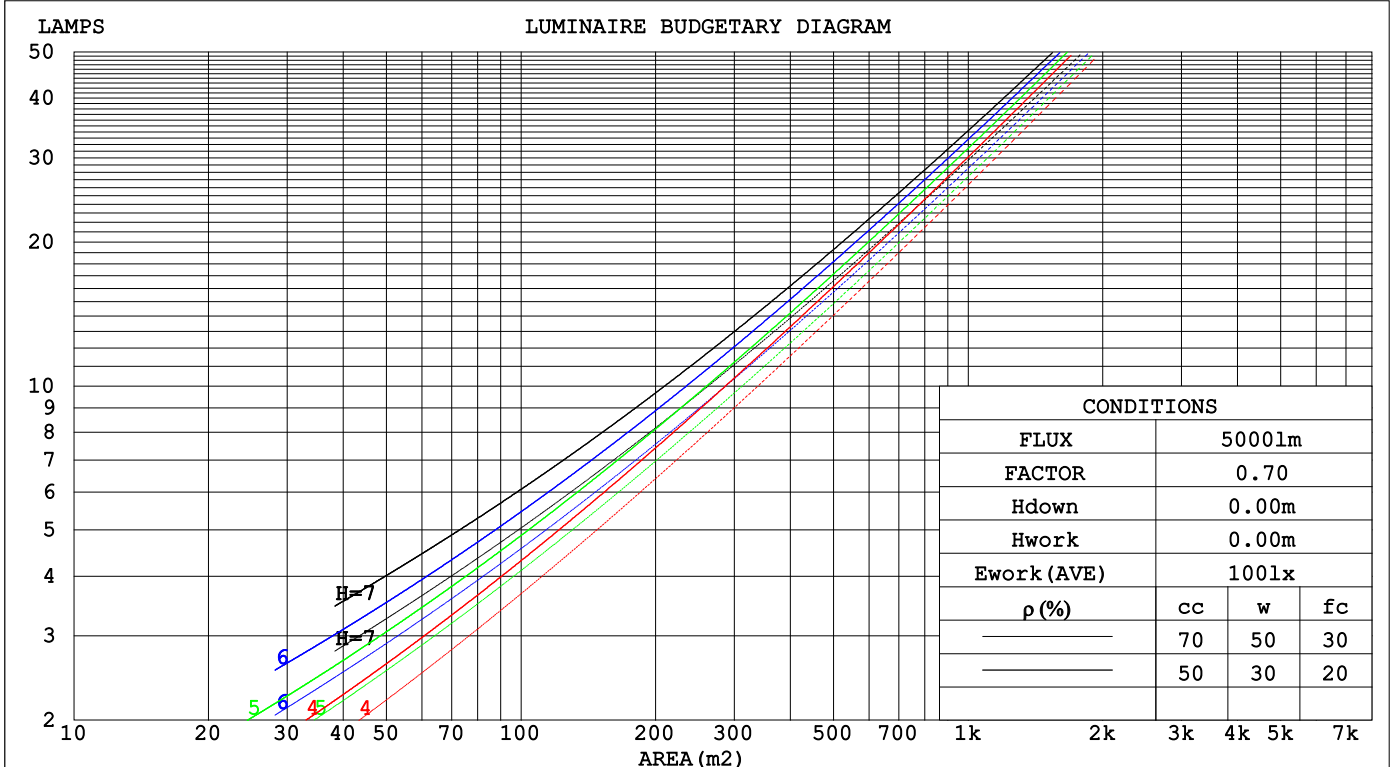
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.2℃
 Operators:Dano
 Test Date:2023-07-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.459
 Humidity:55.3%
 Test Distance:2.900m [K=0.8810]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.1V I:0.1103A P:11.86W PF:0.8955 Freq:60.01Hz Lamp Flux:640.437x1 lm		
NAME: LRS-O3-MCT-BR 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: FOSHAN LEDKEY LIGHTING CO.,LTD.	SUR.:	Shielding Angle:

ρ_{cc}	30%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio															
	Coefficients of Utilization (CU)															
0.0	1.06	1.06	1.06	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	.00
1.0	.98	.96	.94	1.06	1.03	.90	1.01	.99	.97	.98	.96	.94	.94	.93	.91	.89
2.0	.88	.85	.82	.95	.90	.86	.91	.87	.84	.88	.85	.82	.85	.83	.80	.78
3.0	.80	.75	.71	.85	.79	.74	.82	.77	.73	.80	.75	.71	.77	.73	.70	.68
4.0	.72	.67	.63	.77	.70	.64	.74	.68	.63	.72	.67	.63	.70	.66	.62	.60
5.0	.65	.60	.55	.69	.62	.56	.67	.61	.56	.65	.60	.55	.64	.59	.55	.53
6.0	.60	.54	.49	.63	.55	.50	.61	.54	.49	.60	.54	.49	.58	.53	.49	.47
7.0	.54	.48	.44	.57	.50	.44	.56	.49	.44	.54	.48	.44	.53	.48	.43	.42
8.0	.50	.44	.39	.52	.45	.40	.51	.44	.40	.50	.44	.39	.49	.43	.39	.37
9.0	.46	.40	.36	.48	.41	.36	.47	.41	.36	.46	.40	.36	.45	.40	.35	.34
10.0	.43	.37	.32	.45	.38	.33	.44	.37	.33	.43	.37	.32	.42	.36	.32	.31



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.2°C
 Operators:Dano
 Test Date:2023-07-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.459
 Humidity:55.3%
 Test Distance:2.900m [K=0.8810]
 Remarks:

WEC AND CCEC

Test:U:120.1V I:0.1103A P:11.86W PF:0.8955 Freq:60.01Hz Lamp Flux:640.437x1 lm		
NAME: LRS-O3-MCT-BR 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: FOSHAN LEDKEY LIGHTING CO.,LTD.	SUR.:	Shielding Angle:

ρcc	30%			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	.203	.117	.037	.227	.130	.041	.214	.123	.039	.203	.117	.037	.192	.111	.036	
2.0	.204	.114	.036	.226	.124	.038	.214	.119	.037	.204	.114	.036	.194	.110	.035	
3.0	.199	.109	.033	.218	.116	.035	.208	.113	.034	.199	.109	.033	.190	.105	.033	
4.0	.191	.102	.031	.207	.109	.032	.199	.105	.031	.191	.102	.031	.183	.100	.030	
5.0	.182	.096	.029	.197	.101	.029	.189	.098	.029	.182	.096	.029	.175	.094	.028	
6.0	.173	.090	.026	.186	.094	.027	.179	.092	.027	.173	.090	.026	.167	.088	.026	
7.0	.164	.084	.025	.176	.088	.025	.170	.086	.025	.164	.084	.025	.159	.083	.024	
8.0	.156	.079	.023	.167	.082	.023	.161	.081	.023	.156	.079	.023	.151	.078	.023	
9.0	.149	.075	.021	.158	.077	.022	.153	.076	.021	.149	.075	.021	.144	.073	.021	
10.0	.141	.070	.020	.150	.073	.020	.146	.071	.020	.141	.070	.020	.137	.069	.020	

ρcc	30%			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	.064	.064	.064	.164	.164	.164	.112	.112	.112	.064	.064	.064	.021	.021	.021	
1.0	.059	.054	.049	.151	.135	.122	.103	.093	.084	.059	.054	.049	.019	.017	.016	
2.0	.056	.046	.038	.141	.115	.092	.097	.079	.064	.056	.046	.038	.018	.015	.012	
3.0	.053	.040	.029	.134	.099	.071	.092	.069	.050	.053	.040	.029	.017	.013	.010	
4.0	.051	.036	.023	.128	.087	.056	.088	.061	.040	.051	.036	.023	.016	.012	.008	
5.0	.049	.032	.019	.122	.078	.046	.084	.055	.032	.049	.032	.019	.016	.010	.006	
6.0	.047	.029	.016	.116	.071	.038	.080	.050	.027	.047	.029	.016	.015	.010	.005	
7.0	.045	.027	.014	.111	.065	.032	.077	.045	.023	.045	.027	.014	.014	.009	.004	
8.0	.043	.025	.012	.106	.060	.028	.074	.042	.020	.043	.025	.012	.014	.008	.004	
9.0	.041	.023	.010	.102	.056	.024	.070	.039	.017	.041	.023	.010	.013	.008	.003	
10.0	.039	.022	.009	.097	.052	.021	.068	.037	.015	.039	.022	.009	.013	.007	.003	

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.2℃
 Operators:Dano
 Test Date:2023-07-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.459
 Humidity:55.3%
 Test Distance:2.900m [K=0.8810]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.1V I:0.1103A P:11.86W PF:0.8955 Freq:60.01Hz Lamp Flux:640.437x1 lm		
NAME: LRS-O3-MCT-BR 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: FOSHAN LEDKEY LIGHTING CO.,LTD.	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	17.7	19.1	18.0	19.3	19.5	16.7	18.0	16.9	18.2	18.4
3H	17.6	18.8	17.9	19.1	19.3	16.5	17.7	16.8	17.9	18.2
4H	17.5	18.7	17.8	18.9	19.2	16.4	17.6	16.7	17.8	18.0
6H	17.4	18.5	17.7	18.8	19.0	16.3	17.4	16.6	17.6	17.9
8H	17.4	18.4	17.7	18.7	19.0	16.3	17.3	16.6	17.6	17.8
12H	17.3	18.3	17.7	18.6	18.9	16.2	17.2	16.6	17.5	17.8
4H 2H	17.6	18.8	17.9	19.0	19.2	16.6	17.8	16.9	18.0	18.3
3H	17.5	18.5	17.8	18.8	19.1	16.5	17.4	16.8	17.7	18.0
4H	17.4	18.3	17.8	18.6	18.9	16.4	17.3	16.7	17.6	17.9
6H	17.3	18.1	17.7	18.4	18.8	16.3	17.1	16.7	17.4	17.8
8H	17.3	18.0	17.7	18.3	18.7	16.3	17.0	16.7	17.3	17.7
12H	17.2	17.9	17.6	18.2	18.6	16.2	16.9	16.6	17.2	17.6
8H 4H	17.3	18.0	17.7	18.3	18.7	16.2	17.0	16.6	17.3	17.7
6H	17.2	17.8	17.6	18.2	18.6	16.2	16.7	16.6	17.1	17.6
8H	17.1	17.6	17.6	18.1	18.5	16.1	16.6	16.6	17.1	17.5
12H	17.1	17.5	17.6	18.0	18.4	16.1	16.5	16.6	17.0	17.5
12H 4H	17.2	17.9	17.6	18.3	18.7	16.2	16.8	16.6	17.2	17.6
6H	17.1	17.6	17.6	18.1	18.5	16.1	16.6	16.6	17.1	17.5
8H	17.1	17.5	17.6	18.0	18.4	16.1	16.5	16.6	17.0	17.4

Variations with the observer position at spacings(CIE Pub.117):		
S = 1.0H	+ 0.9 / - 1.3	+ 1.5 / - 2.3
1.5H	+ 0.9 / - 1.0	+ 0.8 / - 1.3
2.0H	+ 2.6 / - 6.0	+ 3.0 / - 5.6

CIE Pub.117, 640.4 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -1.5)
Area: 0.041547 m2

C Range: 0 - 360DEG	γ Range: 0 - 180DEG
C Interval: 22.5DEG	γ Interval: 1.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.459
Temperature:25.2℃	Humidity:55.3%
Operators:Dano	Test Distance:2.900m [K=0.8810]
Test Date:2023-07-08	Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.1V I:0.1103A P:11.86W PF:0.8955 Freq:60.01Hz Lamp Flux:640.437x1 lm		
NAME: LRS-O3-MCT-BR 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: FOSHAN LEDKEY LIGHTING CO.,LTD.	SUR.:	Shielding Angle:

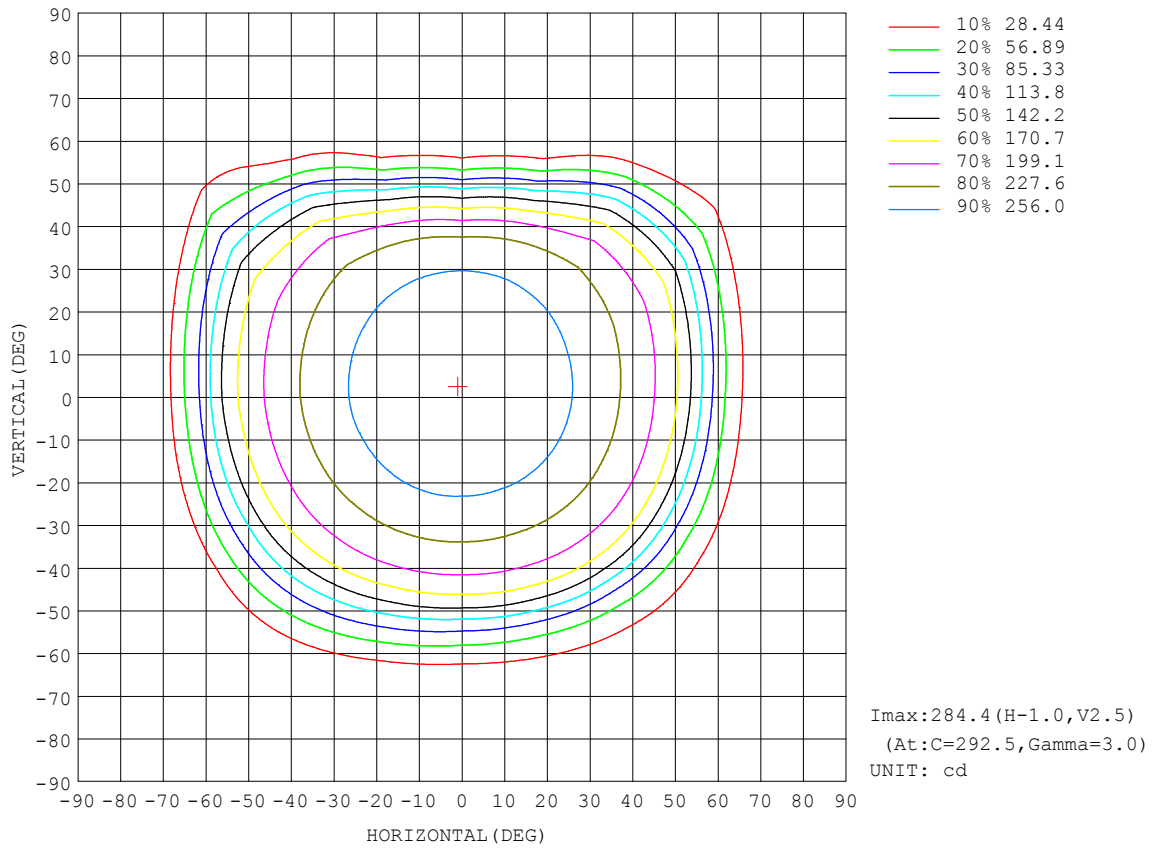
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	64	54	47	63	53	47	62	53	47	41
0.80	75	65	59	74	65	58	72	64	58	52
1.00	84	75	69	83	74	68	81	75	68	62
1.25	91	83	77	90	82	76	87	81	76	70
1.50	95	88	82	94	87	82	91	85	81	74
2.00	101	95	90	100	94	89	97	92	88	81
2.50	104	98	94	102	97	93	99	94	91	84
3.00	107	102	97	105	100	96	101	97	94	87
4.00	110	105	102	107	104	100	103	100	98	90
5.00	111	108	104	109	106	103	105	102	100	91
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:25.2℃
 Operators:Dano
 Test Date:2023-07-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.459
 Humidity:55.3%
 Test Distance:2.900m [K=0.8810]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.1V I:0.1103A P:11.86W PF:0.8955 Freq:60.01Hz		
Lamp Flux:640.437x1 lm		
NAME: LRS-O3-MCT-BR 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: FOSHAN LEDKEY LIGHTING CO.,LTD.	SUR.:	Shielding Angle:



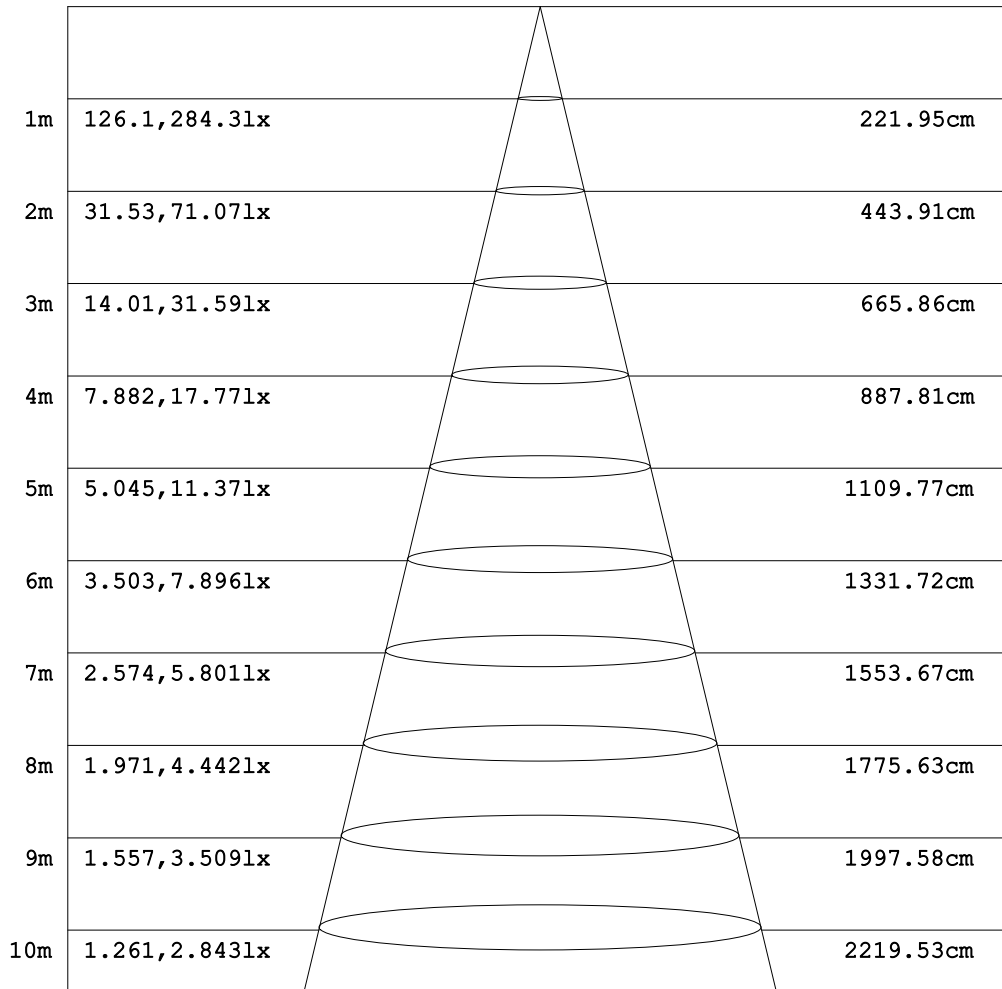
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.2°C
 Operators:Dano
 Test Date:2023-07-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.459
 Humidity:55.3%
 Test Distance:2.900m [K=0.8810]
 Remarks:

AAI Figure

Test:U:120.1V I:0.1103A P:11.86W PF:0.8955 Freq:60.01Hz Lamp Flux:640.437x1 lm		
NAME: LRS-O3-MCT-BR 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: FOSHAN LEDKEY LIGHTING CO.,LTD.	SUR.:	Shielding Angle:

Flux out:488.7 lm



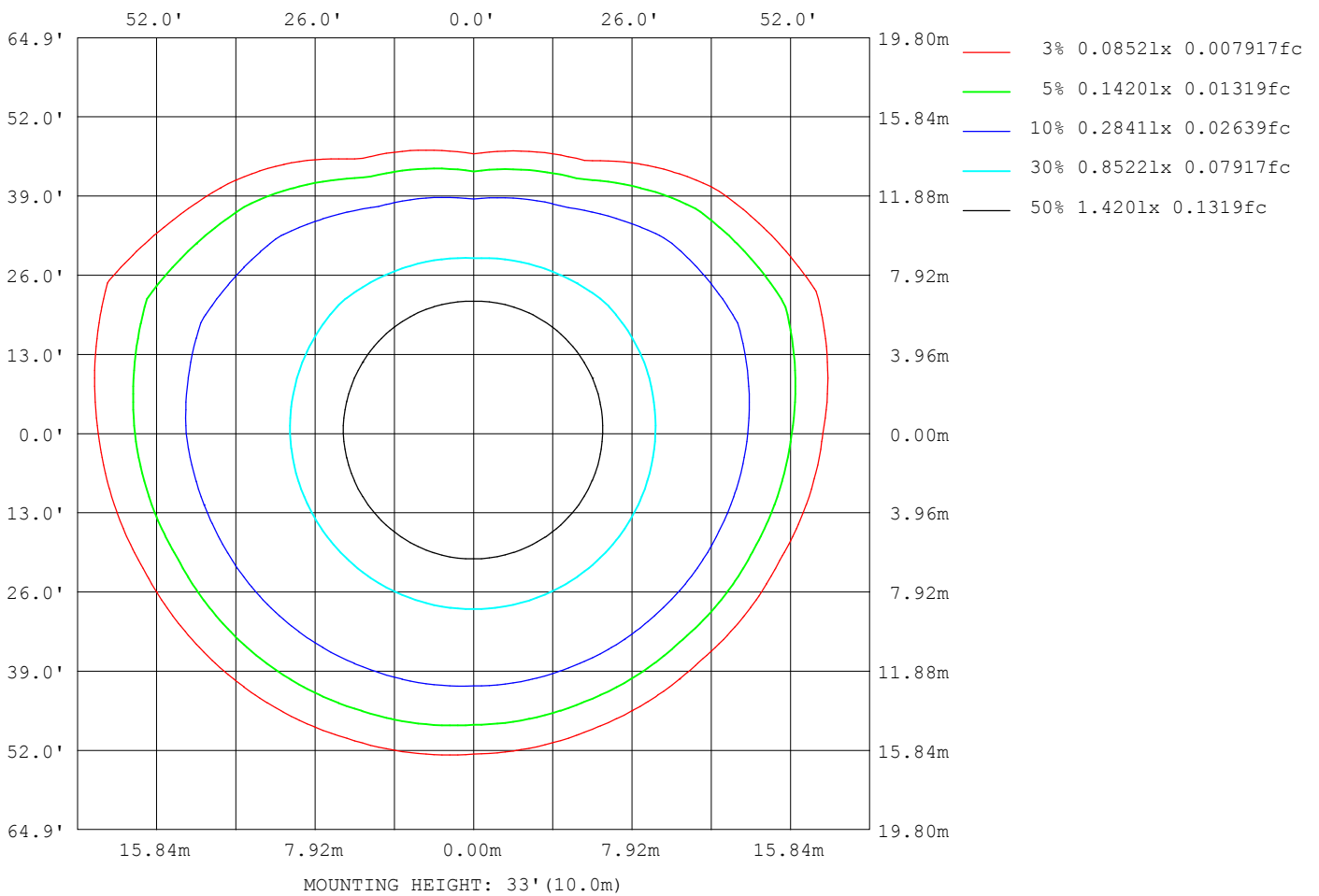
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.2℃
 Operators:Dano
 Test Date:2023-07-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.459
 Humidity:55.3%
 Test Distance:2.900m [K=0.8810]
 Remarks:

ISOLUX DIAGRAM

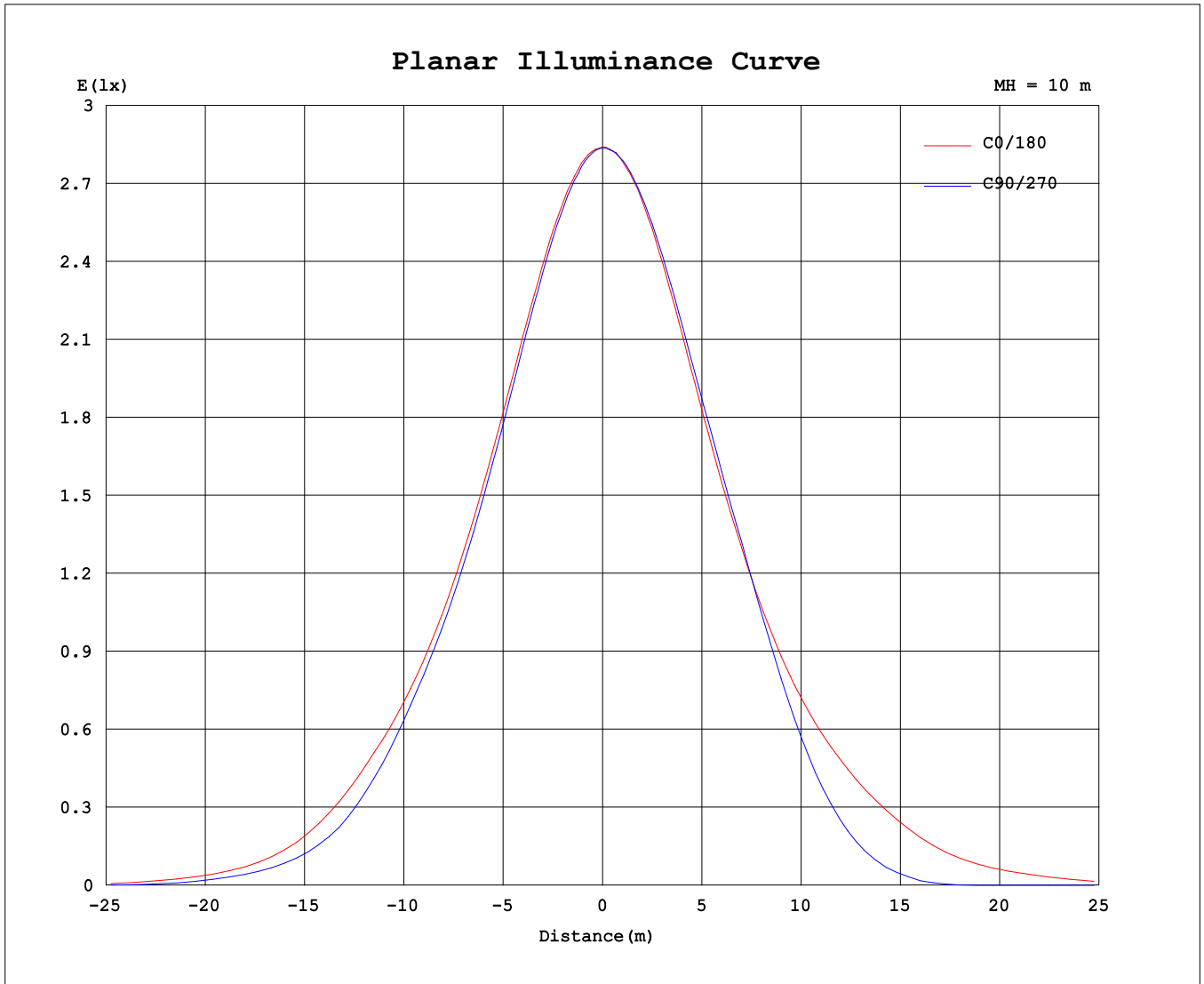
Test:U:120.1V I:0.1103A P:11.86W PF:0.8955 Freq:60.01Hz Lamp Flux:640.437x1 lm		
NAME: LRS-O3-MCT-BR 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: FOSHAN LEDKEY LIGHTING CO.,LTD.	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.2°C
 Operators:Dano
 Test Date:2023-07-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.459
 Humidity:55.3%
 Test Distance:2.900m [K=0.8810]
 Remarks:

Planar Illuminance Curve



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C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.2°C
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γ Range: 0 - 180DEG
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Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

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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	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284			
5	283	282	282	282	282	282	282	282	283	283	284	284	283	284	283	283			
10	279	279	278	277	278	278	278	279	280	281	281	282	281	281	281	280			
15	274	273	272	271	271	272	272	274	275	276	277	278	278	278	277	275			
20	267	265	263	263	263	263	265	266	268	269	271	272	272	272	271	268			
25	258	255	253	252	252	253	254	256	259	261	262	264	265	265	262	260			
30	246	244	241	239	239	240	242	245	248	250	253	255	255	255	252	250			
35	233	230	226	224	224	225	227	231	236	239	242	242	240	242	241	238			
40	218	213	209	206	206	207	211	215	221	225	228	220	211	219	227	224			
45	199	193	187	182	180	183	190	197	204	209	209	181	161	179	207	207			
50	174	158	146	138	136	143	157	171	184	190	179	124	97.6	121	175	187			
55	126	102	86.6	81.8	83.1	94.2	111	128	153	165	133	60.8	37.0	57.9	126	152			
60	70.9	52.6	44.0	42.4	43.2	51.7	65.2	78.6	101	123	74.3	12.8	3.71	11.7	65.8	98.4			
65	32.3	18.0	17.2	17.3	12.1	19.8	28.5	36.2	56.7	77.4	22.3	0.55	0.59	0.56	17.5	50.3			
70	5.04	1.04	1.61	1.89	2.10	2.01	2.75	1.33	10.7	37.7	0.32	0.49	0.52	0.51	0.36	20.4			
75	0.20	0.80	1.25	1.68	1.90	1.78	1.41	0.94	0.23	3.61	0.23	0.35	0.35	0.37	0.31	1.40			
80	0.15	0.57	0.99	1.41	1.62	1.49	1.08	0.62	0.14	0.14	0.15	0.14	0.12	0.15	0.19	0.19			
85	0.08	0.32	0.63	1.03	1.26	1.10	0.68	0.34	0.08	0.06	0.00	0.00	0.00	0.00	0.00	0.08			
90	0.00	0.11	0.29	0.53	0.68	0.57	0.31	0.12	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
95	0.00	0.01	0.01	0.11	0.18	0.12	0.02	0.00	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.01			
100	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.01	0.03	0.02	0.02	0.01	0.01	0.02	0.02	0.03			
105	0.02	0.02	0.02	0.01	0.00	0.01	0.01	0.02	0.05	0.03	0.03	0.03	0.03	0.03	0.04	0.05			
110	0.03	0.03	0.03	0.02	0.01	0.02	0.02	0.03	0.06	0.05	0.04	0.04	0.04	0.05	0.05	0.06			
115	0.05	0.05	0.05	0.03	0.03	0.03	0.04	0.04	0.07	0.06	0.05	0.05	0.05	0.06	0.06	0.07			
120	0.07	0.07	0.07	0.05	0.05	0.06	0.06	0.06	0.08	0.07	0.07	0.07	0.07	0.07	0.08	0.08			
125	0.11	0.10	0.09	0.08	0.08	0.08	0.08	0.09	0.10	0.09	0.09	0.09	0.09	0.09	0.10	0.10			
130	0.14	0.14	0.12	0.11	0.11	0.11	0.12	0.13	0.13	0.13	0.12	0.12	0.12	0.12	0.13	0.13			
135	0.18	0.18	0.16	0.14	0.14	0.15	0.15	0.17	0.18	0.17	0.17	0.17	0.17	0.17	0.17	0.17			
140	0.21	0.21	0.20	0.18	0.18	0.18	0.19	0.20	0.23	0.23	0.22	0.22	0.22	0.22	0.22	0.22			
145	0.22	0.23	0.22	0.22	0.22	0.21	0.21	0.22	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28			
150	0.24	0.24	0.24	0.24	0.24	0.24	0.23	0.23	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.32			
155	0.26	0.26	0.27	0.27	0.27	0.27	0.26	0.26	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.36			
160	0.28	0.28	0.29	0.29	0.30	0.29	0.28	0.28	0.39	0.39	0.39	0.39	0.39	0.39	0.40	0.39			
165	0.30	0.30	0.30	0.31	0.31	0.31	0.30	0.29	0.39	0.39	0.39	0.40	0.40	0.40	0.40	0.39			
170	0.32	0.32	0.33	0.33	0.34	0.34	0.32	0.32	0.39	0.39	0.39	0.40	0.40	0.40	0.40	0.39			
175	0.36	0.36	0.37	0.37	0.37	0.38	0.36	0.36	0.39	0.40	0.40	0.40	0.40	0.40	0.41	0.40			
180	0.39	0.39	0.39	0.39	0.40	0.40	0.38	0.38	0.38	0.38	0.38	0.39	0.39	0.40	0.39	0.38			

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