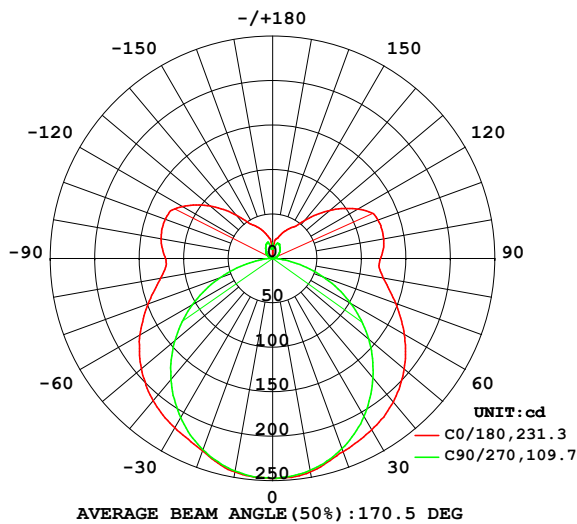


LUMINAIRE PHOTOMETRIC TEST REPORT

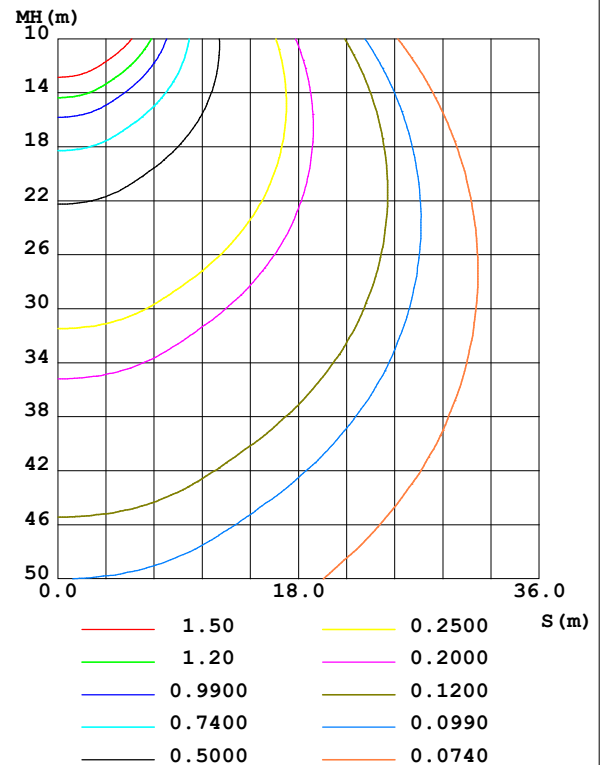
Test:U:120.1V I:0.2024A P:24.19W PF:0.9951 Freq:60.01Hz Lamp Flux:1256.61x1 lm		
NAME: VN27-24-25S-952C5-MVTD-BN 3500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: FOSHAN LEDKEY LIGHTING CO.,LTD.	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 51.95 lm/W
MODEL		Imax (cd)	247.5	S/MH (C0/180)	1.35	
NOMINAL POWER(W)		LOR (%)	100.0	S/MH (C90/270)	1.24	
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1256.6	η UP,DN (C0-180)	13.9,35.8	
NOMINAL FLUX(lm)	1256.61	CIE CLASS	SEMI-D.	η UP,DN (C180-360)	14.2,36.1	
LAMPS INSIDE	1	η up (%)	28.1	CIBSE SHR NOM	1.50	
TEST VOLTAGE(V)	120	η down (%)	71.9	CIBSE SHR MAX	1.55	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.2°C
Operators: Dano
Test Date: 2023-05-31

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	243.9	243.5	241.8	243.7	243.8	243.3	242.8	244.1	0- 10	23.42	23.42	1.86,1.86
20	231.5	228.9	227.7	229.9	230.4	230.9	229.1	229.7	10- 20	67.06	90.48	7.2,7.2
30	222.7	211.2	205.4	208.6	220.1	210.5	207.0	211.2	20- 30	102.2	192.7	15.3,15.3
40	211.0	192.7	175.5	189.4	209.1	192.1	178.0	193.2	30- 40	127.1	319.8	25.4,25.4
50	193.4	170.4	140.9	168.0	192.6	170.6	143.4	171.4	40- 50	139.5	459.2	36.5,36.5
60	170.9	143.2	101.7	142.9	172.5	144.9	104.5	145.3	50- 60	138.3	597.6	47.6,47.6
70	147.2	113.2	60.11	115.0	149.0	116.1	62.36	116.0	60- 70	124.2	721.8	57.4,57.4
80	126.4	86.48	21.16	88.68	128.0	88.63	22.95	89.68	70- 80	101.0	822.7	65.5,65.5
90	121.5	77.05	0.5209	79.40	120.6	76.31	0.4488	80.81	80- 90	80.73	903.5	71.9,71.9
100	126.9	81.95	1.579	85.91	127.6	82.57	1.635	86.02	90-100	80.65	984.1	78.3,78.3
110	126.3	80.76	4.266	85.43	128.6	83.79	4.169	83.95	100-110	80.50	1065	84.7,84.7
120	111.3	64.42	7.152	69.93	117.2	69.03	6.837	66.59	110-120	69.25	1134	90.2,90.2
130	84.34	41.66	10.21	50.96	91.97	49.46	9.983	45.90	120-130	50.38	1184	94.2,94.2
140	55.75	28.87	13.35	36.97	63.42	36.53	12.11	34.59	130-140	32.37	1217	96.8,96.8
150	39.34	24.50	16.20	31.91	43.48	33.14	15.64	26.81	140-150	19.86	1236	98.4,98.4
160	29.43	21.97	18.19	25.49	33.48	29.40	18.62	21.31	150-160	12.41	1249	99.4,99.4
170	21.97	15.14	12.74	20.69	23.84	23.40	11.97	15.10	160-170	6.267	1255	99.9,99.9
180	0	7.956	17.95	11.69	3.954	4.211	14.75	14.68	170-180	1.451	1257	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 388.79 lm

%lum = 30.9%

%lamp = 30.9%

Conical surface Flux(120deg): 597.57 lm

%lum = 47.6%

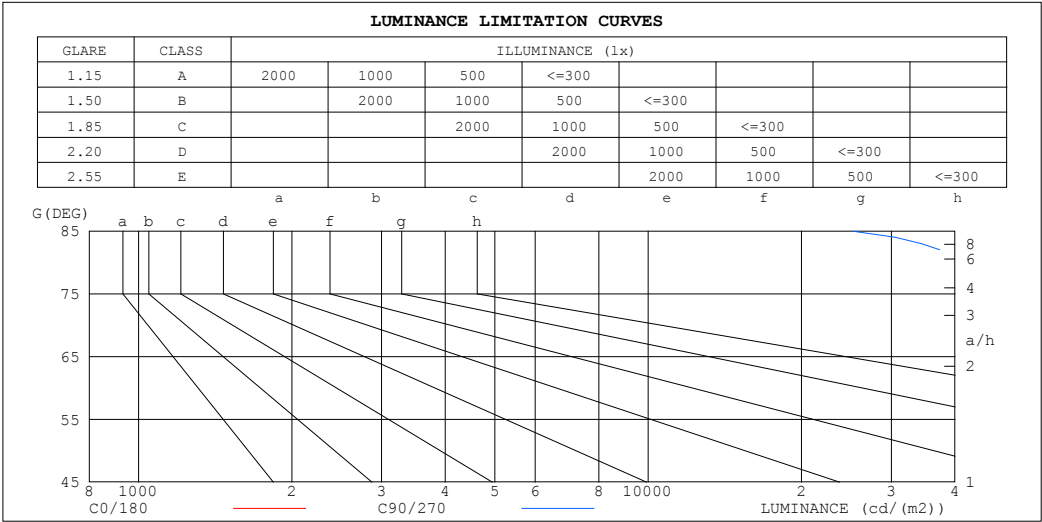
%lamp = 47.6%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.2℃
 Operators:Dano
 Test Date:2023-05-31

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:0.2024A P:24.19W PF:0.9951 Freq:60.01Hz Lamp Flux:1256.61x1 lm		
NAME: VN27-24-25S-952C5-MVTD-BN 3500K	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	489628	25212
80	257835	43104
75	186035	54103
70	152500	62184
65	133260	67904
60	121124	71992
55	112785	75040
50	106575	77570
45	101459	79565

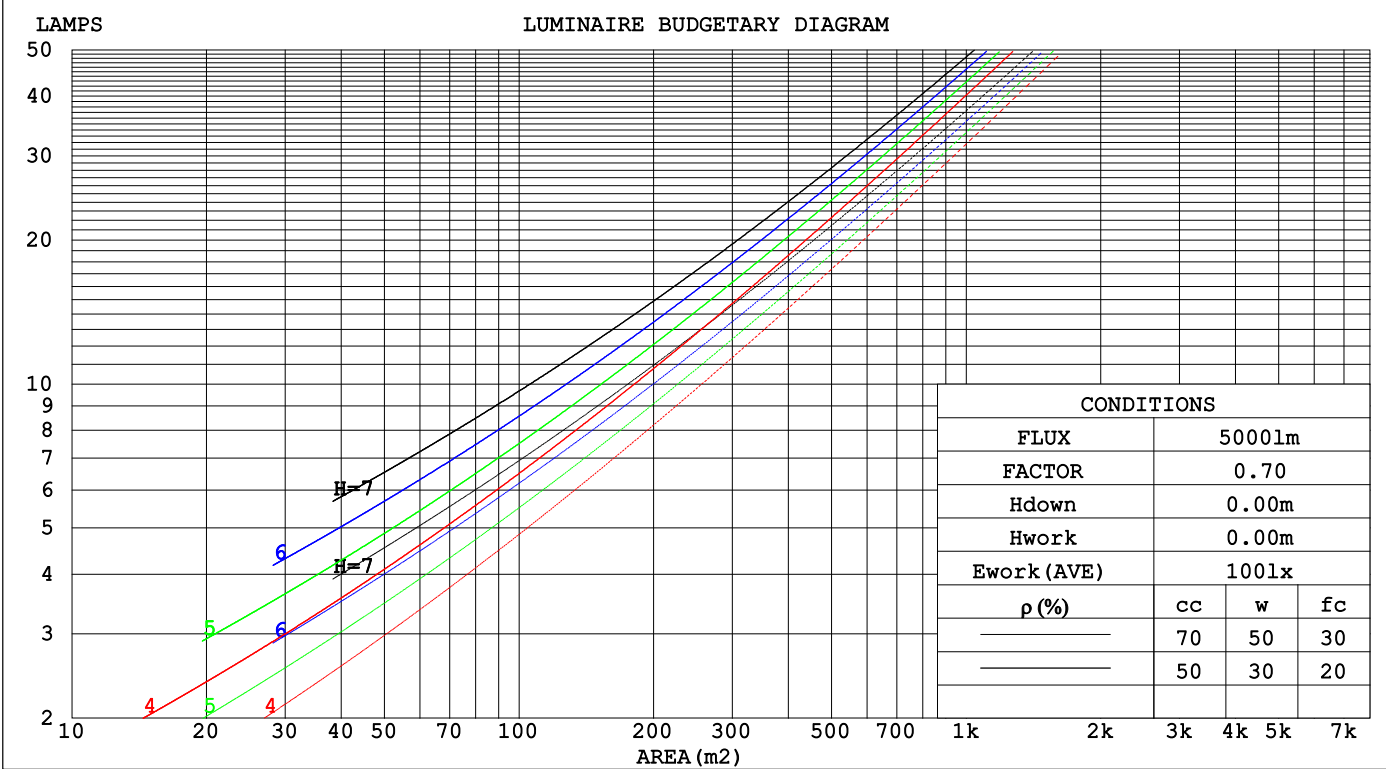
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.2℃
Operators:Dano
Test Date:2023-05-31

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:0.2024A P:24.19W PF:0.9951 Freq:60.01Hz Lamp Flux:1256.61x1 lm		
NAME: VN27-24-25S-952C5-MVTD-BN 3500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: FOSHAN LEDKEY LIGHTING CO.,LTD.	SUR.:	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
p _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
p _{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio Coefficients of Utilization(CU)															
0.0	1.12	1.12	1.12	1.06	1.06	1.06	.95	.95	.95	.85	.85	.85	.76	.76	.76	.72
1.0	.94	.89	.84	.89	.85	.80	.80	.76	.73	.71	.68	.66	.63	.61	.59	.55
2.0	.81	.73	.67	.76	.70	.64	.68	.63	.58	.61	.57	.53	.54	.51	.48	.44
3.0	.70	.62	.55	.66	.59	.52	.59	.53	.48	.53	.48	.43	.47	.43	.39	.36
4.0	.62	.53	.46	.58	.50	.44	.52	.46	.40	.47	.41	.37	.41	.37	.33	.30
5.0	.55	.46	.39	.52	.43	.37	.47	.40	.34	.42	.36	.31	.37	.32	.28	.26
6.0	.49	.40	.33	.47	.38	.32	.42	.35	.30	.38	.32	.27	.33	.29	.25	.22
7.0	.44	.35	.29	.42	.34	.28	.38	.31	.26	.34	.28	.24	.30	.26	.22	.19
8.0	.40	.32	.26	.38	.30	.25	.35	.28	.23	.31	.25	.21	.28	.23	.19	.17
9.0	.37	.28	.23	.35	.27	.22	.32	.25	.21	.29	.23	.19	.26	.21	.17	.15
10.0	.34	.26	.21	.32	.25	.20	.29	.23	.18	.26	.21	.17	.24	.19	.16	.14



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.2℃
Operators:Dano
Test Date:2023-05-31

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:0.2024A P:24.19W PF:0.9951 Freq:60.01Hz Lamp Flux:1256.61x1 lm		
NAME: VN27-24-25S-952C5-MVTD-BN 3500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: FOSHAN LEDKEY LIGHTING CO.,LTD.	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	.366	.208	.066	.351	.200	.064	.321	.184	.059	.294	.170	.054	.269	.156	.050	
2.0	.319	.175	.054	.305	.168	.052	.278	.155	.048	.254	.142	.045	.231	.131	.041	
3.0	.285	.152	.045	.272	.146	.044	.248	.134	.041	.225	.123	.038	.205	.113	.035	
4.0	.257	.134	.039	.246	.129	.038	.224	.119	.035	.203	.109	.033	.184	.100	.030	
5.0	.235	.120	.035	.224	.115	.033	.204	.106	.031	.185	.098	.029	.167	.089	.027	
6.0	.216	.108	.031	.206	.104	.030	.187	.096	.028	.170	.088	.026	.154	.081	.024	
7.0	.199	.098	.028	.190	.095	.027	.173	.088	.025	.157	.081	.023	.142	.074	.022	
8.0	.185	.090	.025	.177	.087	.025	.161	.080	.023	.146	.074	.021	.132	.068	.020	
9.0	.173	.083	.023	.165	.080	.023	.150	.074	.021	.137	.068	.020	.124	.063	.018	
10.0	.162	.077	.022	.155	.075	.021	.141	.069	.019	.128	.064	.018	.116	.058	.017	

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	.405	.405	.405	.346	.346	.346	.236	.236	.236	.136	.136	.136	.043	.043	.043	
1.0	.400	.372	.346	.342	.319	.298	.234	.219	.206	.135	.127	.120	.043	.041	.039	
2.0	.393	.349	.312	.337	.301	.270	.231	.208	.188	.133	.121	.110	.043	.039	.036	
3.0	.386	.333	.291	.331	.287	.252	.227	.200	.177	.131	.117	.104	.042	.038	.034	
4.0	.378	.321	.277	.325	.277	.240	.223	.193	.169	.129	.113	.100	.042	.037	.033	
5.0	.371	.311	.267	.319	.269	.232	.219	.188	.164	.127	.110	.097	.041	.036	.032	
6.0	.364	.303	.260	.313	.263	.226	.216	.184	.160	.125	.108	.095	.040	.035	.031	
7.0	.357	.297	.255	.307	.257	.222	.212	.180	.157	.123	.106	.094	.040	.035	.031	
8.0	.351	.291	.251	.302	.253	.219	.209	.177	.155	.121	.105	.092	.039	.034	.031	
9.0	.344	.287	.248	.297	.249	.216	.206	.175	.153	.120	.103	.091	.039	.034	.030	
10.0	.339	.283	.245	.292	.245	.214	.203	.173	.152	.118	.102	.091	.038	.034	.030	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.2℃
Operators:Dano
Test Date:2023-05-31

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:0.2024A P:24.19W PF:0.9951 Freq:60.01Hz Lamp Flux:1256.6lx1 lm										
NAME: VN27-24-25S-952C5-MVTD-BN 3500K					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	25.2	27.7	26.6	29.1	30.7	22.6	25.0	23.9	26.4	28.1
3H	27.8	30.1	29.2	31.5	33.2	24.0	26.2	25.4	27.7	29.4
4H	29.2	31.3	30.6	32.8	34.5	24.4	26.5	25.9	28.0	29.8
6H	30.7	32.7	32.2	34.2	36.0	24.6	26.6	26.1	28.1	29.9
8H	31.6	33.5	33.0	35.0	36.8	24.6	26.5	26.1	28.1	29.9
12H	32.6	34.4	34.1	35.9	37.8	24.6	26.4	26.1	27.9	29.8
4H 2H	25.3	27.5	26.8	28.9	30.7	23.5	25.6	24.9	27.0	28.8
3H	28.2	30.0	29.7	31.6	33.4	25.2	27.0	26.7	28.5	30.4
4H	29.8	31.5	31.3	33.0	34.9	25.8	27.5	27.3	29.0	30.9
6H	31.5	33.0	33.1	34.6	36.6	26.2	27.7	27.7	29.3	31.2
8H	32.5	33.9	34.1	35.6	37.5	26.3	27.6	27.8	29.3	31.2
12H	33.7	35.0	35.3	36.7	38.6	26.2	27.5	27.9	29.2	31.2
8H 4H	29.9	31.3	31.5	32.9	34.9	26.8	28.2	28.4	29.8	31.8
6H	32.0	33.1	33.6	34.8	36.8	27.6	28.8	29.2	30.5	32.5
8H	33.2	34.3	34.9	35.9	38.0	27.9	28.9	29.5	30.6	32.7
12H	34.7	35.6	36.3	37.3	39.4	28.0	29.0	29.7	30.7	32.8
12H 4H	29.9	31.1	31.5	32.8	34.8	27.2	28.4	28.8	30.1	32.1
6H	32.0	33.1	33.7	34.7	36.8	28.2	29.3	29.9	30.9	33.0
8H	33.3	34.3	35.0	36.0	38.1	28.7	29.6	30.4	31.3	33.4
CIE190: 2010										

CIE190: 2010
Area: 0.002827 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.2℃
Operators:Dano
Test Date:2023-05-31

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:

UTILIZATION FACTORS TABLE

Test:U:120.1V I:0.2024A P:24.19W PF:0.9951 Freq:60.01Hz Lamp Flux:1256.61x1 lm		
NAME: VN27-24-25S-952C5-MVTD-BN 3500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: FOSHAN LEDKEY LIGHTING CO.,LTD.	SUR.:	Shielding Angle:

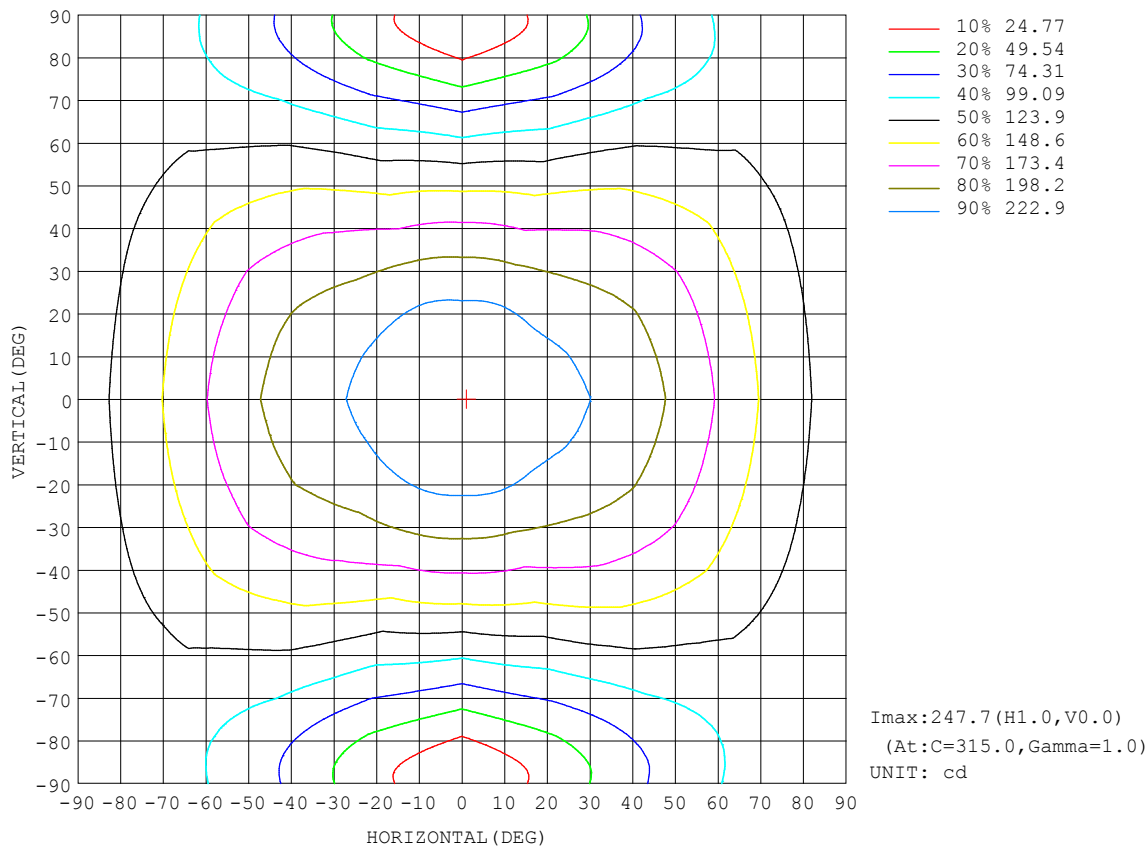
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	45	33	26	44	33	26	42	31	25	18
0.80	55	42	34	53	41	33	49	39	32	24
1.00	62	49	41	60	48	40	55	47	38	29
1.25	69	56	48	66	55	47	61	51	45	34
1.50	74	62	53	71	60	52	65	56	49	37
2.00	82	71	62	78	68	60	71	63	56	43
2.50	86	76	68	82	73	66	74	67	61	46
3.00	90	81	73	86	77	70	77	71	65	49
4.00	95	87	80	90	83	77	81	76	71	54
5.00	98	91	85	93	87	81	83	79	74	56
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: 2023-05-31

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

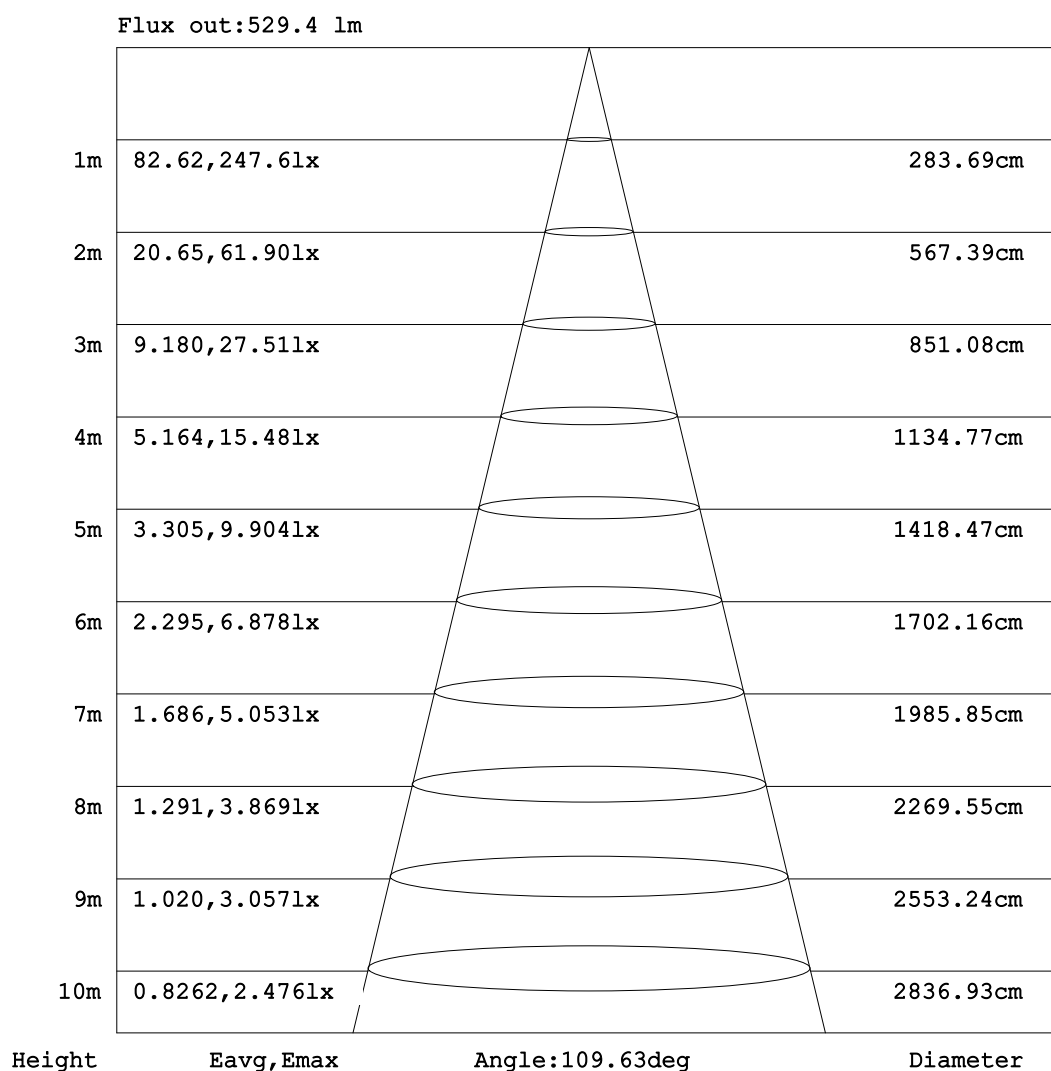
Test:U:120.1V I:0.2024A P:24.19W PF:0.9951 Freq:60.01Hz Lamp Flux:1256.61x1 lm		
NAME: VN27-24-25S-952C5-MVTD-BN 3500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: FOSHAN LEDKEY LIGHTING CO.,LTD.	SUR.:	Shielding Angle:



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:2023-05-31	Remarks:

AAI Figure

Test:U:120.1V I:0.2024A P:24.19W PF:0.9951 Freq:60.01Hz Lamp Flux:1256.61x1 lm		
NAME: VN27-24-25S-952C5-MVTD-BN 3500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: FOSHAN LEDKEY LIGHTING CO.,LTD.	SUR.:	Shielding Angle:



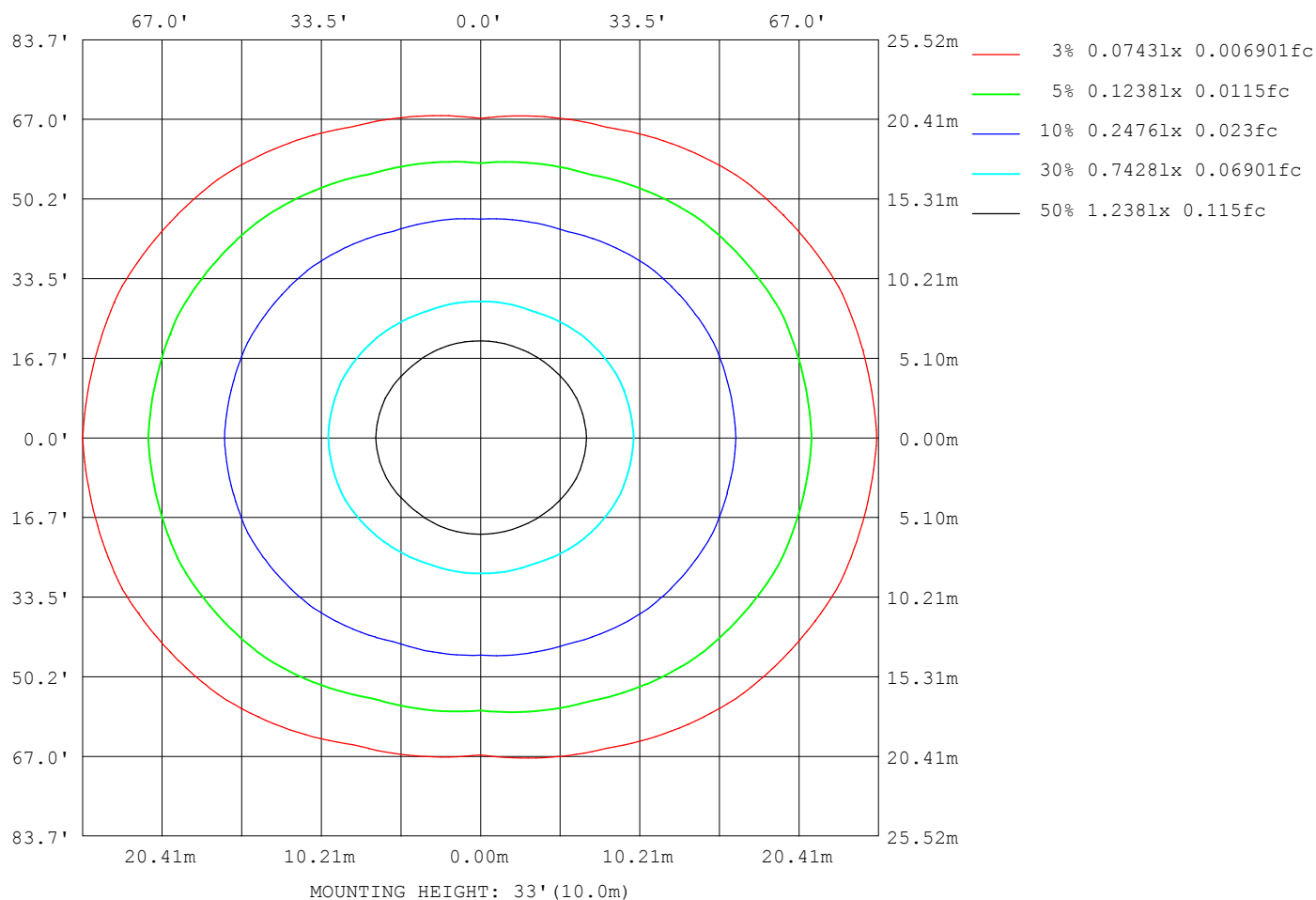
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.2℃
Operators:Dano
Test Date:2023-05-31

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

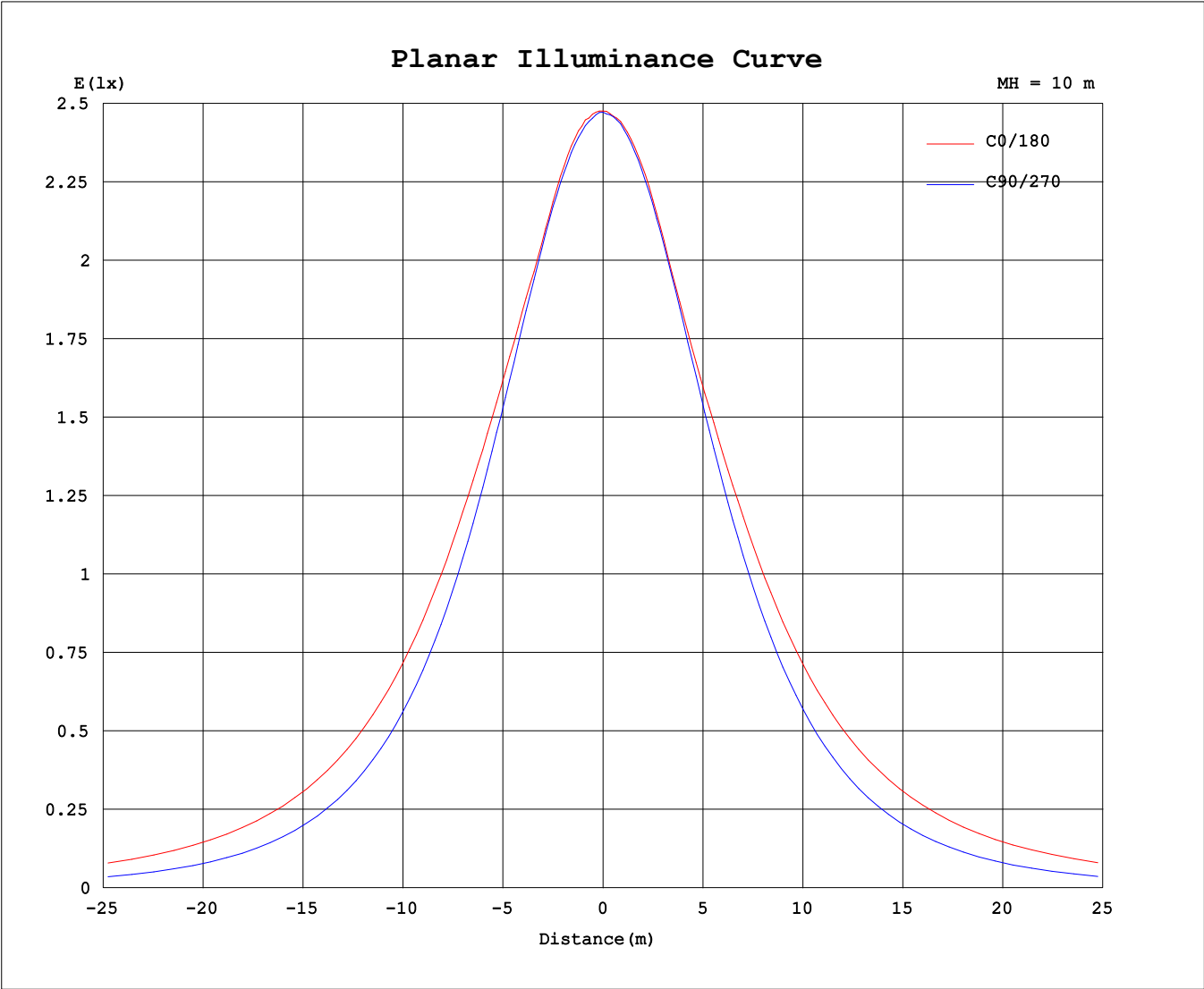
Test:U:120.1V I:0.2024A P:24.19W PF:0.9951 Freq:60.01Hz Lamp Flux:1256.6lx1 lm		
NAME: VN27-24-25S-952C5-MVTD-BN 3500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: FOSHAN LEDKEY LIGHTING CO.,LTD.	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.2℃
Operators:Dano
Test Date:2023-05-31

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



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.2℃
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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:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.1V I:0.2024A P:24.19W PF:0.9951 Freq:60.01Hz Lamp Flux:1256.61x1 lm		
NAME: VN27-24-25S-952C5-MVTD-BN 3500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: FOSHAN LEDKEY LIGHTING CO.,LTD.	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	247	247	247	247	247	247	247	247	247	247	247	247	247	247	247	247			
5	247	247	246	246	246	245	246	246	247	246	246	246	246	246	247	246			
10	244	244	244	243	242	242	244	244	244	244	243	243	243	243	244	244			
15	237	237	238	237	236	236	238	238	238	238	239	238	237	238	238	238			
20	231	230	229	229	228	229	230	230	230	230	231	231	229	230	230	230			
25	227	224	220	219	218	219	219	223	225	223	221	221	219	220	220	225			
30	223	219	211	207	205	207	209	216	220	217	211	209	207	207	211	220			
35	218	213	202	193	191	193	199	210	215	211	201	196	193	194	202	213			
40	211	206	193	178	176	177	189	203	209	205	192	180	178	179	193	207			
45	202	197	182	163	159	161	179	195	202	197	182	165	161	163	183	198			
50	193	187	170	148	141	145	168	186	193	187	171	149	143	148	171	188			
55	183	175	157	132	122	129	156	176	183	177	158	133	124	132	159	177			
60	171	163	143	116	102	112	143	164	172	165	145	117	104	116	145	165			
65	159	150	128	99.2	81.1	95.8	129	152	161	153	131	100	83.5	99.2	131	152			
70	147	137	113	81.9	60.1	79.2	115	140	149	140	116	83.4	62.4	82.1	116	140			
75	136	125	98.7	64.4	39.6	62.9	101	128	138	128	101	66.4	41.6	65.1	102	128			
80	126	115	86.5	48.9	21.2	47.8	88.7	118	128	117	88.6	50.6	22.9	49.4	89.7	118			
85	120	108	77.9	38.0	6.21	36.7	80.0	110	121	109	79.0	38.6	7.38	38.2	81.2	111			
90	122	108	77.0	36.1	0.52	35.1	79.4	110	121	107	76.3	35.2	0.45	36.3	80.8	111			
95	125	111	80.0	38.8	1.02	38.6	83.2	114	124	111	79.9	38.5	0.89	39.4	84.0	115			
100	127	113	81.9	41.0	1.58	40.8	85.9	117	128	114	82.6	41.3	1.63	41.2	86.0	117			
105	127	114	83.1	37.1	3.02	38.1	87.7	118	129	115	84.3	39.0	3.00	37.9	87.0	118			
110	126	114	80.8	31.6	4.27	33.7	85.4	119	129	116	83.8	34.2	4.17	32.9	84.0	117			
115	122	109	73.2	24.7	5.63	28.8	78.4	114	127	113	77.2	28.6	5.40	27.3	76.3	111			
120	111	98.1	64.4	19.0	7.15	25.9	69.9	105	117	103	69.0	22.8	6.84	24.7	66.6	101			
125	98.4	86.1	54.6	18.7	8.63	25.1	60.6	93.1	105	92.1	59.8	20.4	8.42	23.7	54.8	88.4			
130	84.3	73.2	41.7	19.2	10.2	24.2	51.0	80.7	92.0	79.9	49.5	17.5	9.98	22.5	45.9	75.4			
135	70.0	60.2	32.8	19.5	11.7	23.1	42.0	67.6	78.0	67.4	41.0	18.0	10.9	21.2	38.1	61.6			
140	55.7	47.7	28.9	19.4	13.4	22.3	37.0	53.4	63.4	55.2	36.5	19.2	12.1	19.8	34.6	45.9			
145	44.2	40.3	26.1	18.9	14.8	21.6	34.9	44.9	50.6	45.1	34.6	20.9	14.0	18.7	30.7	37.9			
150	39.3	36.2	24.5	18.4	16.2	21.1	31.9	40.4	43.5	41.1	33.1	22.5	15.6	17.7	26.8	35.6			
155	34.5	29.5	23.2	18.3	17.5	20.9	29.0	35.8	38.6	37.4	31.6	23.1	17.7	15.8	23.1	30.4			
160	29.4	22.2	22.0	18.8	18.2	20.8	25.5	30.5	33.5	33.1	29.4	23.2	18.6	17.3	21.3	25.6			
165	24.6	20.0	21.3	18.8	17.1	18.7	23.2	26.7	28.3	28.2	26.1	22.8	18.6	17.4	19.4	22.7			
170	22.0	18.2	15.1	11.9	12.7	15.1	20.7	23.6	23.8	23.9	23.4	21.2	12.0	12.0	15.1	18.8			
175	15.9	10.8	10.3	11.2	12.3	13.1	13.7	18.8	17.5	17.6	19.7	12.3	10.6	11.4	12.1	12.4			
180	0.00	2.97	7.96	15.4	17.9	15.8	11.7	8.66	3.95	3.99	4.21	9.10	14.7	16.7	14.7	11.9			

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