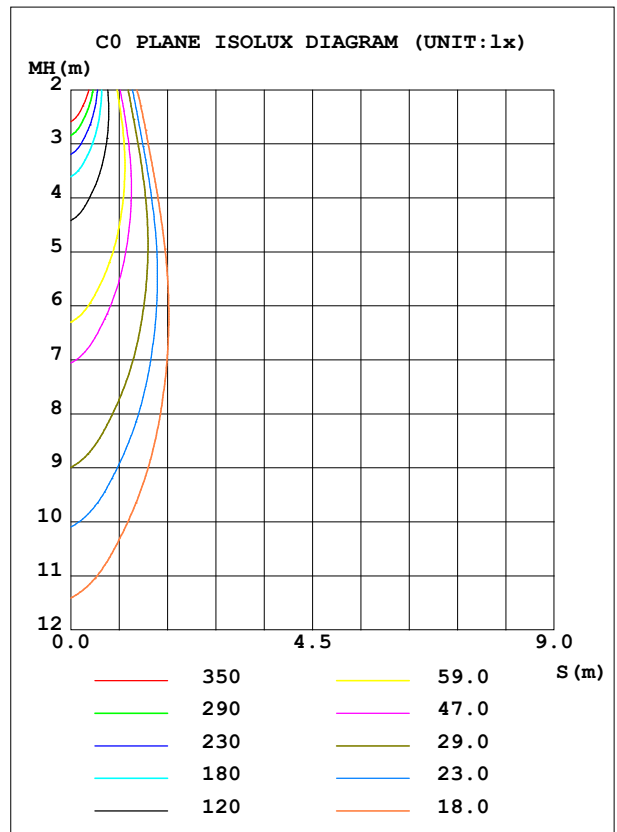
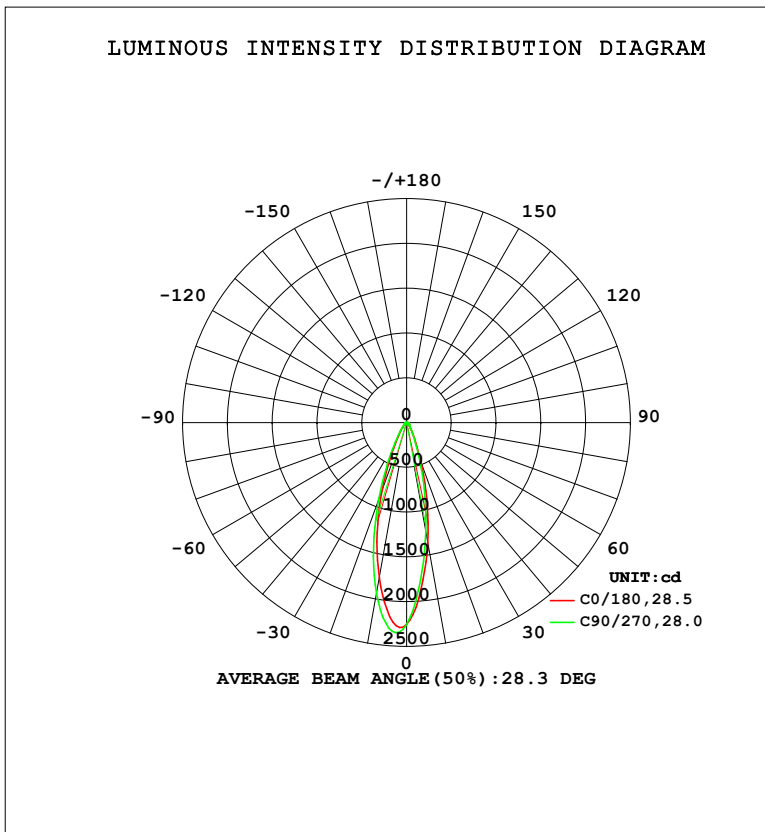


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:119.77V I:0.0891A P:9.0225W PF:0.8452 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:798.204x1 lm		
NAME: FR-LED-4-S9W-5CCT-FG-WH	TYPE:	WEIGHT:
SPEC.: 4000K 90	DIM.:	SERIAL No.:
MFR.: LTS	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL		Imax (cd)	2372	S/MH (C0/180)	0.55
NOMINAL POWER (W)	9	LOR (%)	100.0	S/MH (C90/270)	0.58
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	798.20	η UP, DN (C0-180)	0.0, 40.8
NOMINAL FLUX (lm)	798.204	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 59.2
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE (V)	120	η down (%)	100.0	CIBSE SHR MAX	0.50



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3 °C
 Operators:
 Test Date: 2022-12-19

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity: 65.0%
 Test Distance: 3.090m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

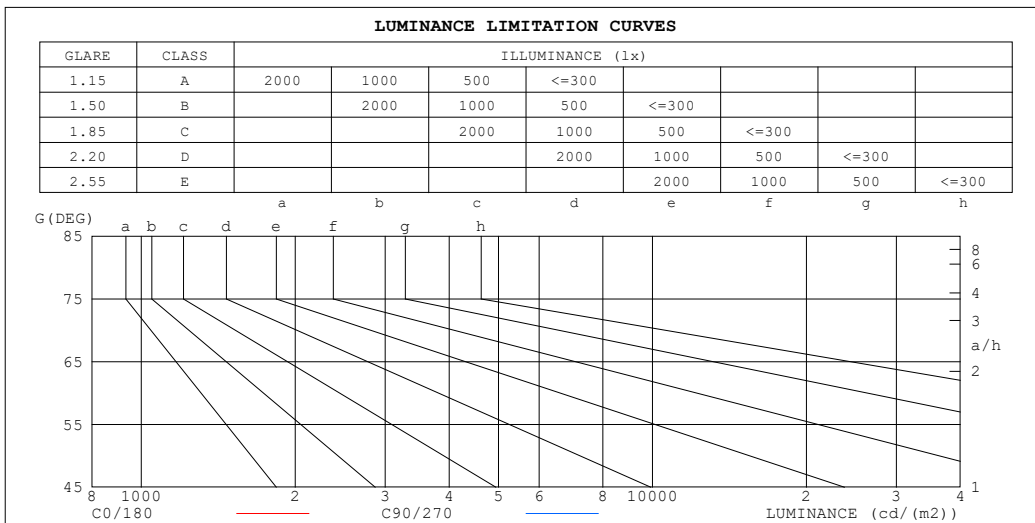
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	1362	1229	1238	1436	1760	1988	1939	1649	0- 10	178.9	178.9	22.4,22.4
20	472.6	401.9	406.6	525.1	800.6	986.0	920.9	683.3	10- 20	295.8	474.7	59.5,59.5
30	133.1	125.5	136.9	168.9	215.4	265.3	258.7	176.3	20- 30	164.2	638.8	80,80
40	49.58	49.06	54.31	64.69	77.08	84.22	81.14	62.01	30- 40	69.77	708.6	88.8,88.8
50	28.83	28.91	30.71	32.92	34.48	36.37	35.95	32.93	40- 50	34.67	743.3	93.1,93.1
60	20.74	21.13	21.79	22.33	22.51	24.11	24.41	22.97	50- 60	24.07	767.3	96.1,96.1
70	14.13	9.746	9.839	15.66	16.02	17.27	17.62	16.38	60- 70	18.75	786.1	98.5,98.5
80	4.749	1.359	1.331	4.901	7.441	5.472	5.698	6.945	70- 80	10.27	796.3	99.8,99.8
90	0.1084	0.0949	0.0980	0.1121	0.0687	0.0829	0.0826	0.0799	80- 90	1.860	798.2	100,100
100									90-100			
110									100-110			
120									110-120			
130									120-130			
140									130-140			
150									140-150			
160									150-160			
170									160-170			
180									170-180			
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:
 Test Date:2022-12-19

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity:65.0%
 Test Distance:3.090m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:119.77V I:0.0891A P:9.0225W PF:0.8452 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:798.204x1 lm		
NAME: FR-LED-4-S9W-5CCT-FG-WH	TYPE:	WEIGHT:
SPEC.: 4000K 90	DIM.:	SERIAL No.:
MFR.: LTS	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	127	14
80	256	68
75	342	184
70	387	256
65	394	374
60	388	387
55	396	395
50	420	424
45	478	489

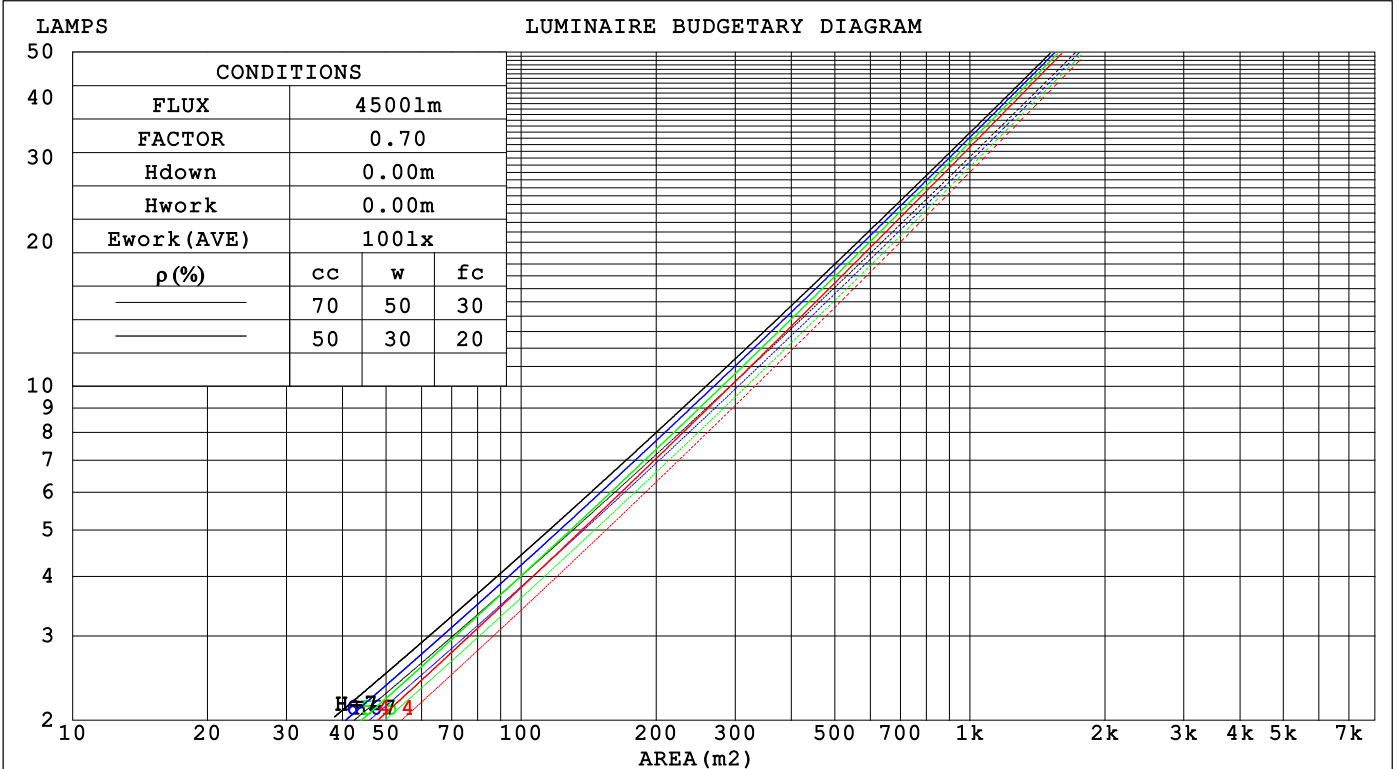
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:
 Test Date:2022-12-19

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity:65.0%
 Test Distance:3.090m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:119.77V I:0.0891A P:9.0225W PF:0.8452 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:798.204x1 lm		
NAME: FR-LED-4-S9W-5CCT-FG-WH	TYPE:	WEIGHT:
SPEC.: 4000K 90	DIM.:	SERIAL No.:
MFR.: LTS	SUR.:	Shielding Angle:

ρ_{cc}	80%			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	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1.0	1.11	1.08	1.06	1.09	1.07	1.05	1.05	1.03	1.01	1.01	.00	.98	.98	.97	.96	.94
2.0	1.04	.00	.97	1.02	.99	.96	.99	.96	.93	.96	.94	.91	.93	.91	.90	.88
3.0	.98	.93	.89	.96	.92	.88	.94	.90	.87	.91	.88	.86	.89	.86	.84	.83
4.0	.92	.87	.83	.91	.86	.83	.89	.85	.82	.87	.83	.81	.85	.82	.80	.78
5.0	.87	.82	.78	.86	.81	.78	.85	.80	.77	.83	.79	.76	.82	.78	.76	.74
6.0	.83	.78	.74	.82	.77	.74	.81	.76	.73	.80	.76	.73	.78	.75	.72	.71
7.0	.79	.74	.70	.79	.74	.70	.78	.73	.70	.76	.72	.69	.75	.72	.69	.68
8.0	.76	.71	.67	.75	.70	.67	.74	.70	.67	.73	.69	.66	.72	.69	.66	.65
9.0	.73	.68	.64	.72	.67	.64	.72	.67	.64	.71	.67	.64	.70	.66	.63	.62
10.0	.70	.65	.62	.70	.65	.62	.69	.64	.61	.68	.64	.61	.67	.64	.61	.60



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:
 Test Date:2022-12-19

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity:65.0%
 Test Distance:3.090m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:119.77V I:0.0891A P:9.0225W PF:0.8452 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:798.204x1 lm		
NAME: FR-LED-4-S9W-5CCT-FG-WH	TYPE:	WEIGHT:
SPEC.: 4000K 90	DIM.:	SERIAL No.:
MFR.: LTS	SUR.:	Shielding Angle:

ρ_{CC}	80%			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						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.175	.099	.031	.168	.096	.030	.155	.089	.028	.144	.083	.027	.133	.077	.025	
2.0	.164	.090	.028	.159	.087	.027	.148	.082	.026	.138	.078	.024	.129	.073	.023	
3.0	.154	.082	.024	.149	.080	.024	.140	.076	.023	.132	.072	.022	.124	.069	.021	
4.0	.144	.075	.022	.140	.073	.022	.132	.070	.021	.125	.067	.020	.119	.064	.020	
5.0	.135	.069	.020	.132	.068	.020	.125	.065	.019	.119	.063	.019	.113	.061	.018	
6.0	.128	.064	.018	.125	.063	.018	.119	.061	.018	.114	.059	.017	.109	.057	.017	
7.0	.121	.060	.017	.118	.059	.017	.113	.057	.016	.108	.056	.016	.104	.054	.016	
8.0	.115	.056	.016	.112	.055	.016	.108	.054	.015	.104	.053	.015	.100	.051	.015	
9.0	.109	.053	.015	.107	.052	.015	.103	.051	.014	.100	.050	.014	.096	.049	.014	
10.0	.104	.050	.014	.102	.050	.014	.099	.048	.014	.096	.047	.013	.092	.046	.013	

ρ_{CC}	80%			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						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.171	.157	.145	.146	.135	.125	.100	.093	.086	.058	.054	.050	.018	.017	.016	
2.0	.155	.133	.113	.133	.114	.098	.091	.079	.068	.053	.046	.040	.017	.015	.013	
3.0	.142	.114	.091	.122	.098	.079	.084	.068	.055	.048	.040	.033	.016	.013	.011	
4.0	.131	.099	.074	.112	.085	.064	.077	.059	.045	.045	.035	.027	.014	.011	.009	
5.0	.121	.087	.061	.104	.075	.053	.072	.052	.038	.042	.031	.022	.013	.010	.007	
6.0	.113	.077	.052	.097	.067	.045	.067	.047	.032	.039	.028	.019	.013	.009	.006	
7.0	.106	.069	.044	.091	.060	.038	.063	.042	.027	.037	.025	.016	.012	.008	.005	
8.0	.100	.063	.038	.086	.055	.033	.059	.038	.023	.035	.023	.014	.011	.007	.005	
9.0	.094	.058	.033	.081	.050	.029	.056	.035	.020	.033	.021	.012	.011	.007	.004	
10.0	.089	.053	.029	.077	.046	.025	.053	.032	.018	.031	.019	.011	.010	.006	.004	

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:
 Test Date:2022-12-19

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity:65.0%
 Test Distance:3.090m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:119.77V I:0.0891A P:9.0225W PF:0.8452 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:798.204x1 lm		
NAME: FR-LED-4-S9W-5CCT-FG-WH	TYPE:	WEIGHT:
SPEC.: 4000K 90	DIM.:	SERIAL No.:
MFR.: LTS	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	5.3	6.1	5.5	6.3	6.4	5.3	6.2	5.5	6.3	6.5
3H	6.8	7.5	7.0	7.7	7.9	6.2	7.0	6.5	7.2	7.4
4H	7.3	8.0	7.5	8.2	8.5	6.4	7.1	6.7	7.4	7.6
6H	7.5	8.2	7.8	8.5	8.7	6.4	7.1	6.7	7.4	7.6
8H	7.6	8.3	7.9	8.5	8.8	6.4	7.0	6.7	7.3	7.6
12H	7.6	8.2	7.9	8.5	8.8	6.3	7.0	6.6	7.2	7.5
4H 2H	5.8	6.5	6.1	6.8	7.0	5.8	6.6	6.1	6.8	7.0
3H	7.4	8.1	7.7	8.3	8.6	6.8	7.5	7.1	7.7	8.0
4H	7.9	8.5	8.3	8.8	9.1	7.0	7.6	7.4	7.9	8.2
6H	8.2	8.8	8.6	9.1	9.5	7.0	7.6	7.4	7.9	8.2
8H	8.3	8.8	8.7	9.1	9.5	7.0	7.5	7.4	7.8	8.2
12H	8.3	8.7	8.7	9.1	9.5	6.9	7.4	7.3	7.8	8.1
8H 4H	7.9	8.4	8.3	8.8	9.2	7.1	7.6	7.5	7.9	8.3
6H	8.3	8.7	8.7	9.1	9.5	7.1	7.5	7.5	7.9	8.3
8H	8.3	8.7	8.7	9.1	9.5	7.0	7.4	7.5	7.8	8.3
12H	8.3	8.6	8.8	9.0	9.5	7.0	7.3	7.4	7.7	8.2
12H 4H	7.9	8.3	8.3	8.7	9.1	7.0	7.5	7.4	7.9	8.2
6H	8.2	8.6	8.6	9.0	9.4	7.0	7.4	7.5	7.8	8.3
8H	8.2	8.6	8.7	9.0	9.5	7.0	7.3	7.5	7.8	8.2

Variations with the observer position at spacings(CIE Pub.117):		
S = 1.0H	+ 0.3 / - 0.4	+ 0.5 / - 0.7
1.5H	+ 0.4 / - 0.3	+ 0.8 / - 0.4
2.0H	+ 0.3 / - 0.4	+ 0.4 / - 0.9

CIE Pub.117, 798.2 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.8)
Area: 0.111111 m2

C Range: 0 - 360DEG	γ Range: 0 - 90DEG
C Interval: 22.5DEG	γ Interval: 1.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
Temperature:25.3℃	Humidity:65.0%
Operators:	Test Distance:3.090m [K=1.0000]
Test Date:2022-12-19	Remarks:

UTILIZATION FACTORS TABLE

Test:U:119.77V I:0.0891A P:9.0225W PF:0.8452 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:798.204x1 lm		
NAME: FR-LED-4-S9W-5CCT-FG-WH	TYPE:	WEIGHT:
SPEC.: 4000K 90	DIM.:	SERIAL No.:
MFR.: LTS	SUR.:	Shielding Angle:

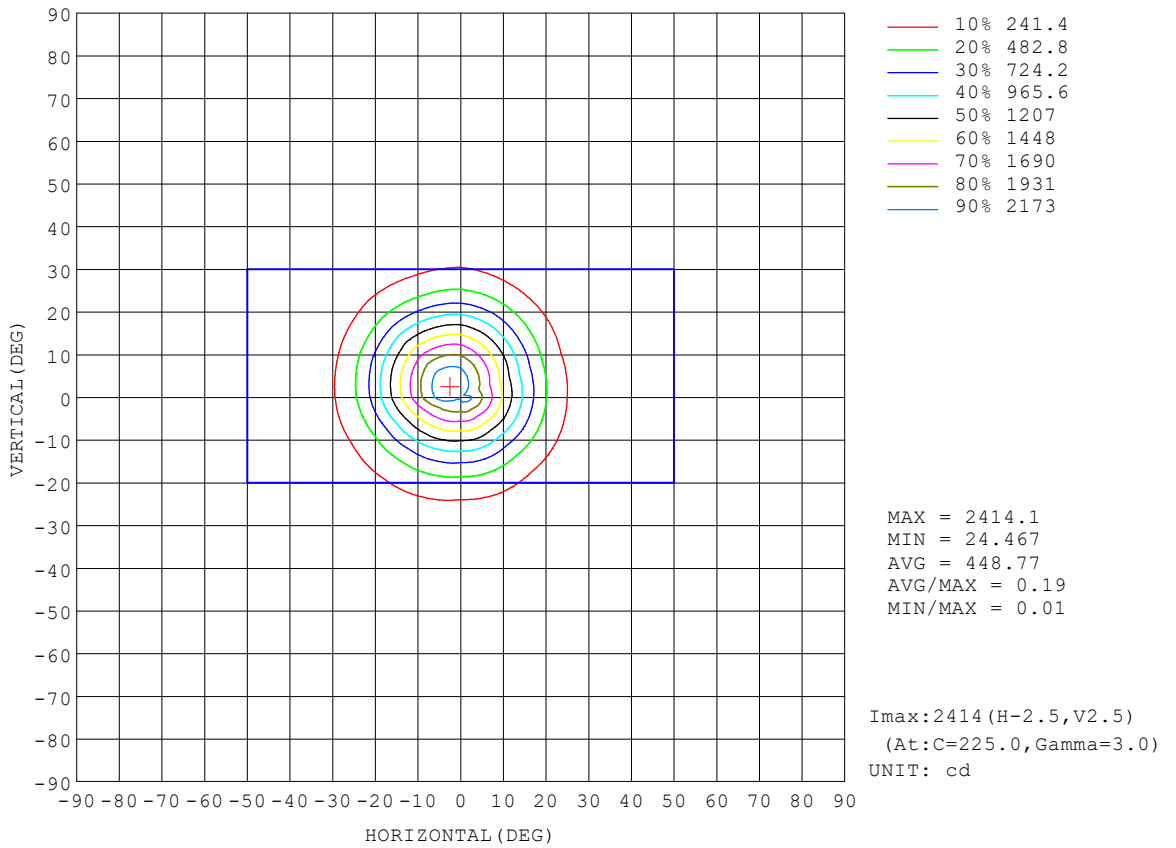
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	85	78	74	84	78	74	83	77	74	70
0.80	92	86	82	92	85	82	90	85	81	77
1.00	97	91	87	96	90	86	94	90	86	82
1.25	101	95	92	100	95	91	98	94	90	86
1.50	104	99	95	103	98	95	100	96	93	89
2.00	107	102	99	106	101	98	103	99	97	91
2.50	109	105	101	107	104	101	104	101	99	93
3.00	111	107	104	109	106	103	105	103	101	94
4.00	113	110	108	111	108	106	107	105	103	96
5.00	114	112	110	112	110	108	108	107	105	97
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:25.3°C
 Operators:
 Test Date:2022-12-19

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity:65.0%
 Test Distance:3.090m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:119.77V I:0.0891A P:9.0225W PF:0.8452 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:798.204x1 lm		
NAME: FR-LED-4-S9W-5CCT-FG-WH	TYPE:	WEIGHT:
SPEC.: 4000K 90	DIM.:	SERIAL No.:
MFR.: LTS	SUR.:	Shielding Angle:

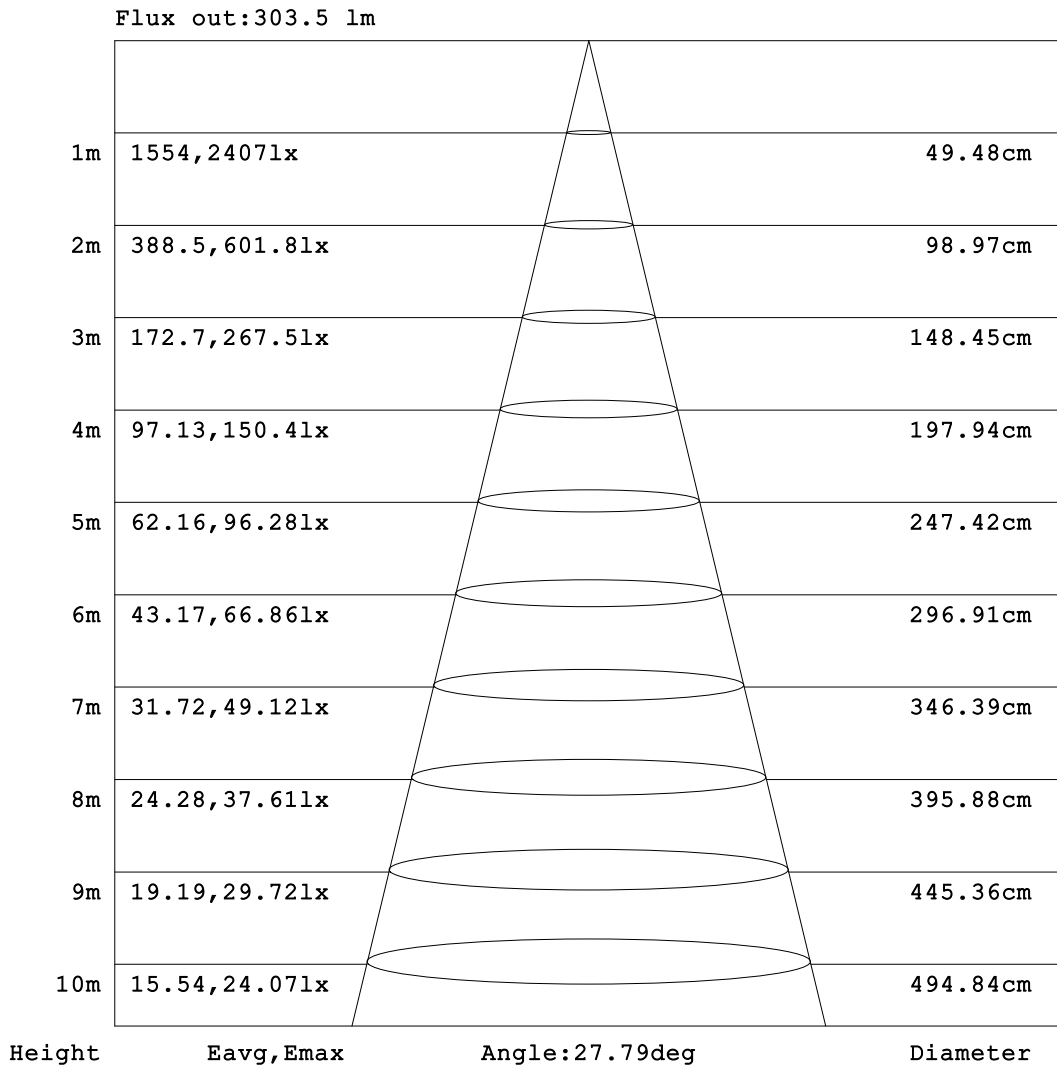


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:
 Test Date:2022-12-19

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity:65.0%
 Test Distance:3.090m [K=1.0000]
 Remarks:

AAI Figure

Test:U:119.77V I:0.0891A P:9.0225W PF:0.8452 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:798.204x1 lm		
NAME: FR-LED-4-S9W-5CCT-FG-WH	TYPE:	WEIGHT:
SPEC.: 4000K 90	DIM.:	SERIAL No.:
MFR.: LTS	SUR.:	Shielding Angle:



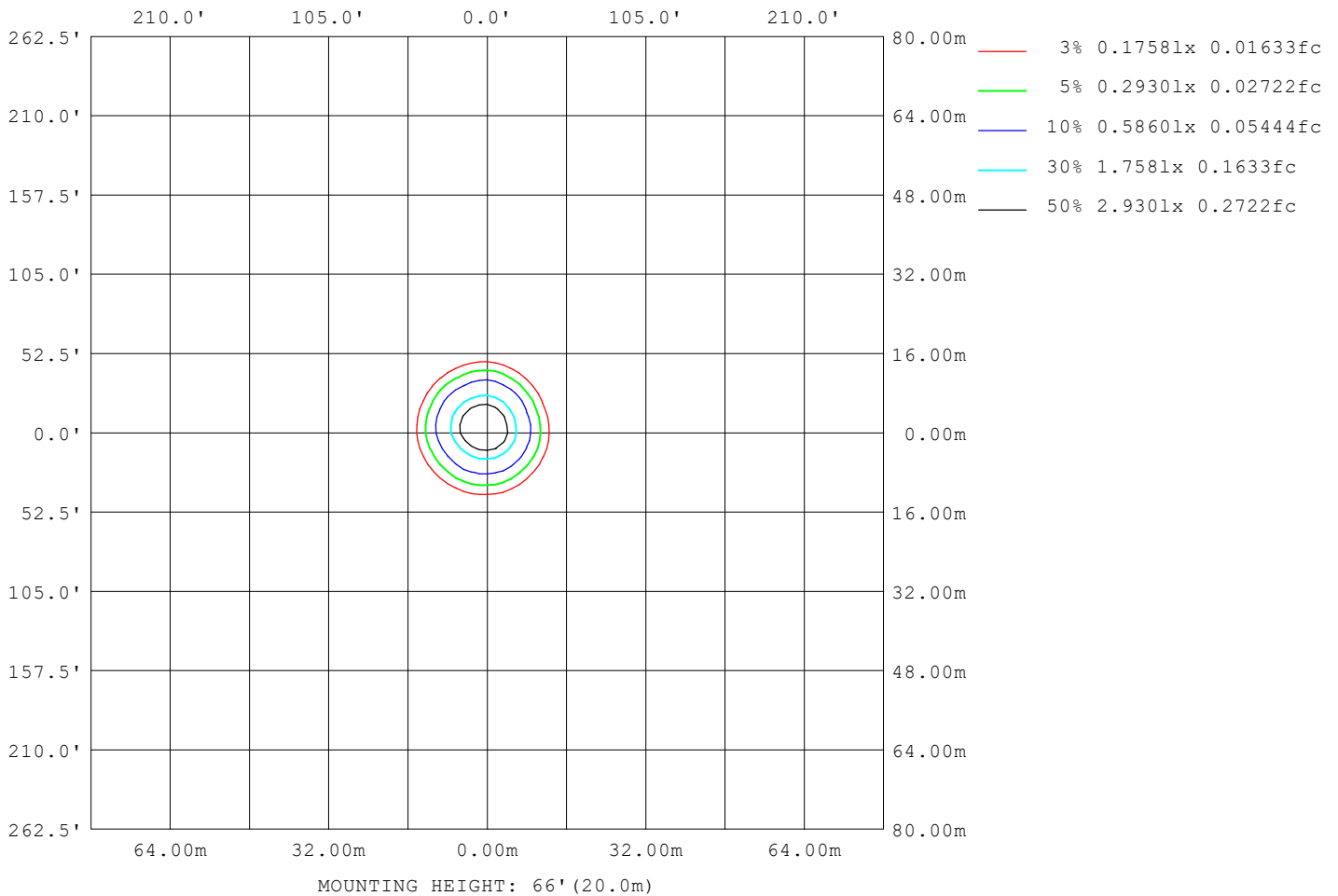
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:
 Test Date:2022-12-19

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity:65.0%
 Test Distance:3.090m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:119.77V I:0.0891A P:9.0225W PF:0.8452 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:798.204x1 lm		
NAME: FR-LED-4-S9W-5CCT-FG-WH	TYPE:	WEIGHT:
SPEC.: 4000K 90	DIM.:	SERIAL No.:
MFR.: LTS	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:
 Test Date:2022-12-19

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity:65.0%
 Test Distance:3.090m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:119.77V I:0.0891A P:9.0225W PF:0.8452 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:798.204x1 lm		
NAME: FR-LED-4-S9W-5CCT-FG-WH	TYPE:	WEIGHT:
SPEC.: 4000K 90	DIM.:	SERIAL No.:
MFR.: LTS	SUR.:	Shielding Angle:

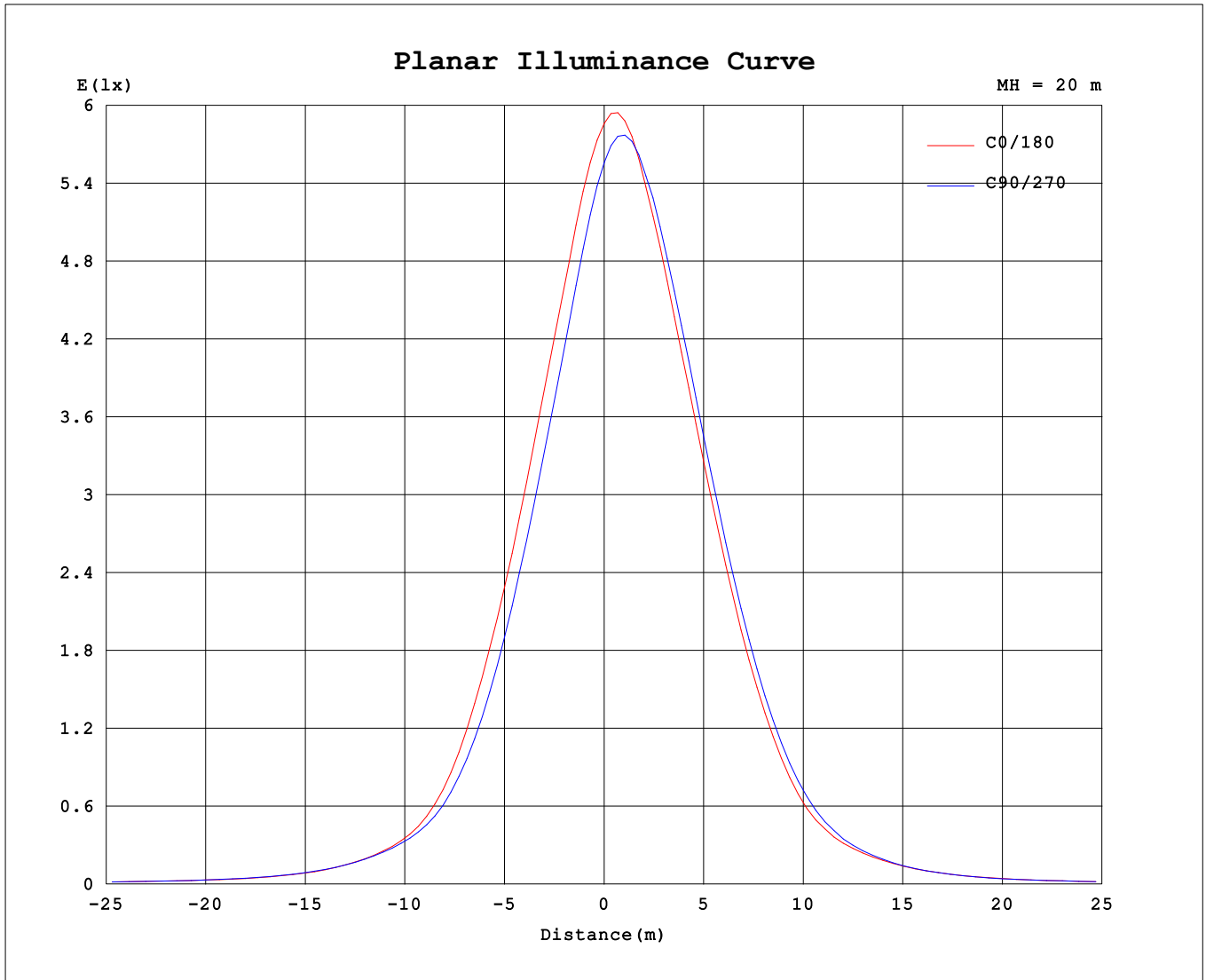
AvgL	cd/m2
L_0~180 (65) av	394
L_0~180 (75) av	373
L_0~180 (85) av	208
L_90~270 (65) av	410
L_90~270 (75) av	290
L_90~270 (85) av	106
L_45 (65) av	411
L_45 (75) av	337
L_45 (85) av	130

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:
 Test Date:2022-12-19

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity:65.0%
 Test Distance:3.090m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3 °C
 Operators:
 Test Date: 2022-12-19

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity: 65.0%
 Test Distance: 3.090m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.77V I:0.0891A P:9.0225W PF:0.8452 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:798.204x1 lm		
NAME: FR-LED-4-S9W-5CCT-FG-WH	TYPE:	WEIGHT:
SPEC.: 4000K 90	DIM.:	SERIAL No.:
MFR.: LTS	SUR.:	Shielding Angle:

Table--1

UNIT: cd

γ (DEG) \ C (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	2253	2253	2253	2253	2253	2253	2253	2253	2253	2253	2253	2253	2253	2253	2253	2253			
5	1866	1815	1755	1764	1776	1852	1941	2067	2174	2245	2335	2321	2304	2212	2086	1966			
10	1362	1299	1229	1231	1238	1320	1436	1613	1760	1866	1988	1956	1939	1810	1649	1492			
15	875	818	756	757	760	830	933	1109	1278	1397	1502	1453	1432	1309	1148	986			
20	473	435	402	405	407	456	525	653	801	907	986	933	921	828	683	560			
25	231	221	209	215	219	247	279	335	426	507	540	503	508	437	347	269			
30	133	129	126	132	137	152	169	194	215	244	265	249	259	215	176	149			
35	78.8	76.6	76.0	80.9	84.7	93.3	105	121	129	137	147	141	142	123	103	88.9			
40	49.6	48.7	49.1	51.8	54.3	58.7	64.7	74.2	77.1	79.2	84.2	81.9	81.1	71.9	62.0	55.9			
45	36.1	35.8	36.1	37.6	38.9	40.8	43.7	47.8	48.0	48.5	51.0	50.2	49.9	45.9	42.5	40.1			
50	28.8	28.7	28.9	29.8	30.7	31.5	32.9	35.3	34.5	34.9	36.4	36.0	35.9	34.4	32.9	31.7			
55	24.3	24.3	24.4	25.0	25.5	25.7	26.6	28.0	27.1	27.6	28.7	28.6	28.7	28.0	27.0	26.2			
60	20.7	20.9	21.1	21.5	21.8	21.7	22.3	23.3	22.5	23.1	24.1	24.1	24.4	23.8	23.0	22.5			
65	17.8	17.9	17.8	18.1	17.8	18.6	19.3	20.0	19.2	19.6	20.3	20.4	20.7	20.5	19.8	19.5			
70	14.1	13.7	9.75	9.49	9.84	14.2	15.7	16.6	16.0	16.5	17.3	17.3	17.6	17.3	16.4	15.8			
75	9.46	7.21	5.37	5.17	5.37	6.85	11.0	12.1	12.0	12.3	10.4	9.99	11.3	12.9	11.9	11.1			
80	4.75	2.93	1.36	1.13	1.33	2.76	4.90	7.33	7.44	5.72	5.47	5.27	5.70	6.46	6.94	6.03			
85	1.18	0.15	0.13	0.15	0.13	0.12	0.93	2.63	2.85	2.03	1.86	1.63	1.92	2.12	2.11	2.12			
90	0.11	0.10	0.09	0.10	0.10	0.11	0.11	0.13	0.07	0.07	0.08	0.09	0.08	0.08	0.08	0.10			

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