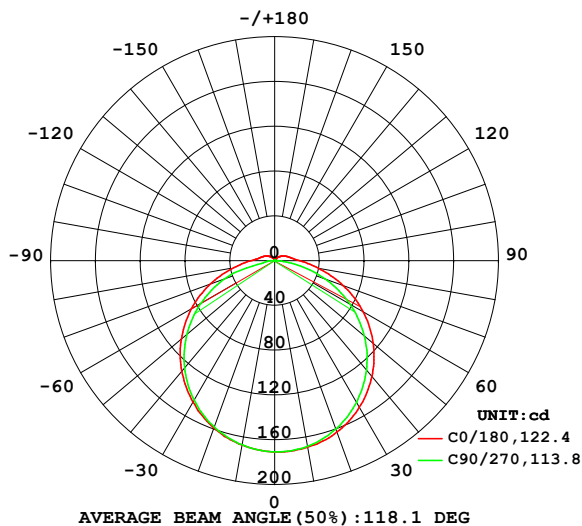


LUMINAIRE PHOTOMETRIC TEST REPORT

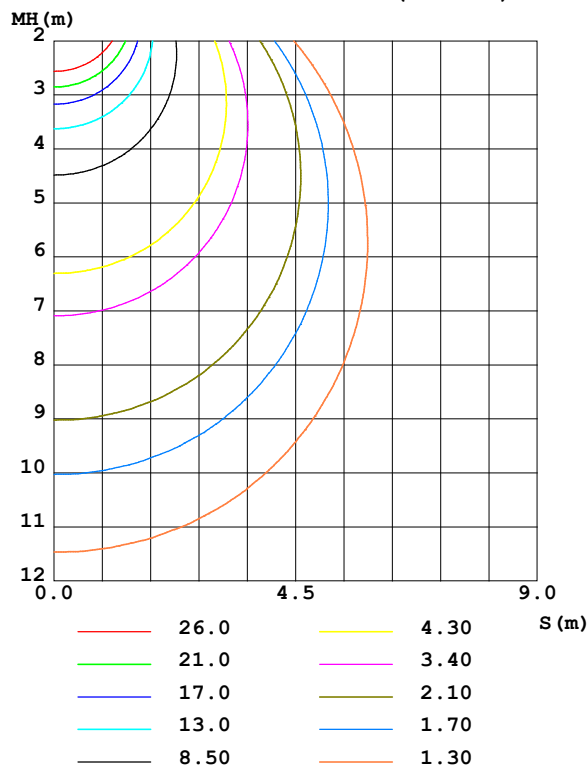
Test:U:120.06V I:0.0489A P:4.9802W PF:0.8485 Freq:59.98Hz Lamp Flux:564.20lx1 lm		
NAME: VO-T5FIXW5FT1-120-3WAY-S-D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 123-1697
MFR.: HI-LIGHT	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 113.29 lm/W
MODEL: VO-T5FIXW5FT1-120-3WAY-S-D		Imax (cd)	171.2	S/MH(C0/180)	1.27	
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.26	
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	564.20	η UP,DN(C0-180)	2.7,47.7	
NOMINAL FLUX(lm)	564.201	CIE CLASS	DIRECT	η UP,DN(C180-360)	2.7,46.9	
LAMPS INSIDE	1	η up (%)	5.4	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)	120	η down (%)	94.6	CIBSE SHR MAX	1.35	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: WXQ
Test Date: 12 March 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.463
Humidity: 50.0%
Test Distance: 1.153m [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	169.2	169.4	168.3	167.4	167.3	167.0	167.1	168.3	0- 10	16.17	16.17	2.87,2.87
20	162.9	162.2	160.0	158.8	159.2	158.4	158.0	160.5	10- 20	46.51	62.68	11.1,11.1
30	151.3	150.5	146.3	145.4	146.0	144.8	144.0	148.0	20- 30	71.07	133.8	23.7,23.7
40	135.2	133.8	127.7	127.4	129.1	127.2	125.2	130.4	30- 40	86.84	220.6	39.1,39.1
50	114.9	112.8	104.6	105.6	108.8	106.3	102.3	108.7	40- 50	91.94	312.5	55.4,55.4
60	91.38	88.26	77.71	80.58	85.82	82.58	76.02	83.74	50- 60	85.80	398.3	70.6,70.6
70	65.27	61.06	48.09	53.67	60.95	57.03	47.24	56.13	60- 70	69.17	467.5	82.9,82.9
80	39.89	34.52	18.32	27.30	37.18	32.29	10.10	28.83	70- 80	44.64	512.1	90.8,90.8
90	22.37	17.19	1.423	11.09	21.08	16.10	1.525	11.30	80- 90	21.56	533.7	94.6,94.6
100	15.13	11.25	0.3827	7.002	14.17	10.51	0.5635	6.920	90-100	10.94	544.6	96.5,96.5
110	11.53	8.321	0.1841	5.126	11.09	8.032	0.3182	4.831	100-110	7.585	552.2	97.9,97.9
120	8.493	5.930	0.0928	3.676	8.438	5.984	0.1613	3.237	110-120	5.277	557.5	98.8,98.8
130	5.843	3.957	0.0917	2.545	6.114	4.220	0.0958	2.023	120-130	3.397	560.9	99.4,99.4
140	3.649	2.369	0.0947	1.607	4.083	2.814	0.0842	1.022	130-140	1.950	562.8	99.8,99.8
150	1.906	0.9843	0.1165	0.7275	2.384	1.766	0.1099	0.3052	140-150	0.9422	563.8	99.9,99.9
160	0.6483	0.3760	0.1462	0.2640	0.9106	0.7260	0.1179	0.0897	150-160	0.3329	564.1	100,100
170	0.2031	0.1771	0.1708	0.1756	0.0704	0.1110	0.0677	0.0678	160-170	0.0713	564.2	100,100
180	0.0115	0.0148	0.0080	0.0118	0.0200	0.0191	0.0175	0.0154	170-180	0.0094	564.2	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

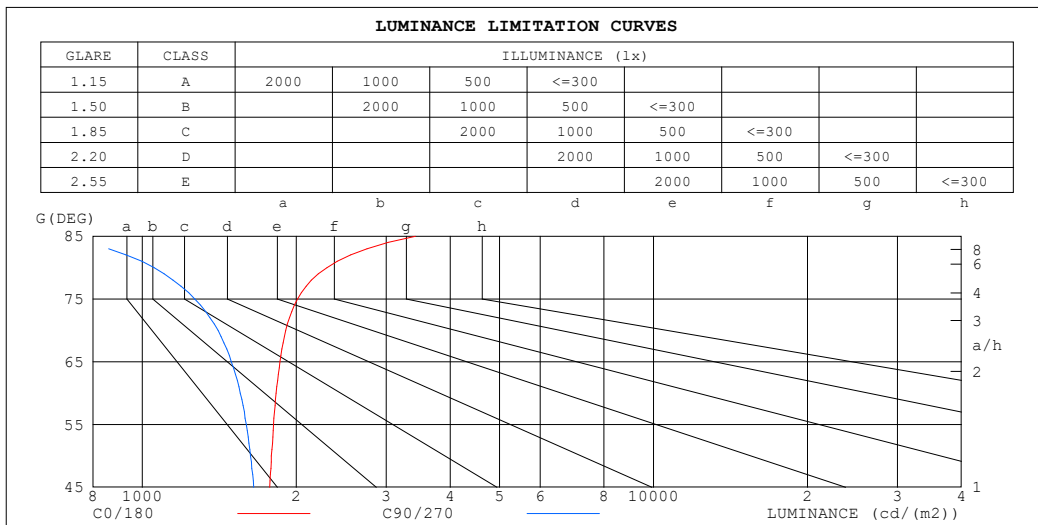
0 - 45 DEG Zonal Flux:266.62 %lum: 47.3%
 45 - 60 DEG Zonal Flux:131.71 %lum: 23.3%
 All measured values may vary less than 35 %
 from the average measured value in the 0 to 130 deg. zone: 15.8%
 All measured values in the 0 to 130 deg. zone
 may vary less than 50% from the average value of itself: 23.0%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:WXQ
 Test Date:12 March 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.463
 Humidity:50.0%
 Test Distance:1.153m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.06V I:0.0489A P:4.9802W PF:0.8485 Freq:59.98Hz Lamp Flux:564.20lx1 lm		
NAME: VO-T5FIXW5FT1-120-3WAY-S-D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 123-1697
MFR.: HI-LIGHT	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	3420	715
80	2297	1055
75	2011	1266
70	1908	1406
65	1859	1492
60	1828	1554
55	1805	1598
50	1788	1627
45	1775	1652

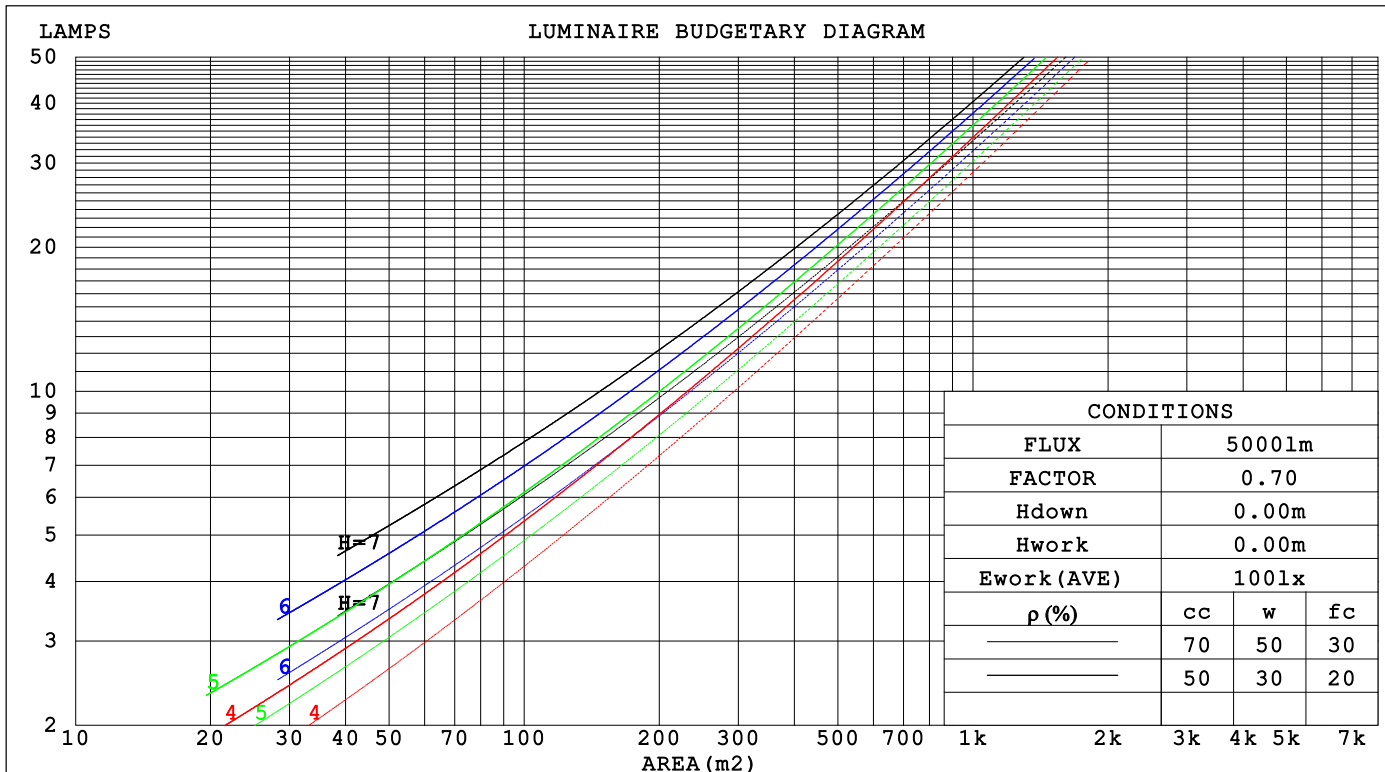
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:WXQ
Test Date:12 March 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 γ Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.463
Humidity:50.0%
Test Distance:1.153m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.06V I:0.0489A P:4.9802W PF:0.8485 Freq:59.98Hz Lamp Flux:564.20lx1 lm		
NAME: VO-T5FIXW5FT1-120-3WAY-S-D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 123-1697
MFR.: HI-LIGHT	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 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	.95
1.0	1.01	.96	.92	.98	.94	.90	.93	.90	.86	.88	.85	.83	.84	.81	.79	.77
2.0	.88	.80	.74	.85	.79	.73	.81	.75	.70	.77	.72	.68	.73	.69	.66	.63
3.0	.76	.68	.61	.74	.67	.60	.71	.64	.58	.67	.61	.57	.64	.59	.55	.53
4.0	.67	.58	.51	.66	.57	.51	.63	.55	.49	.60	.53	.48	.57	.51	.47	.45
5.0	.60	.51	.44	.59	.50	.44	.56	.48	.43	.53	.47	.42	.51	.45	.41	.38
6.0	.54	.45	.38	.53	.44	.38	.50	.43	.37	.48	.41	.36	.46	.40	.36	.33
7.0	.49	.40	.34	.48	.39	.33	.46	.38	.33	.44	.37	.32	.42	.36	.31	.29
8.0	.44	.36	.30	.44	.35	.30	.42	.34	.29	.40	.33	.29	.38	.33	.28	.26
9.0	.41	.32	.27	.40	.32	.27	.38	.31	.26	.37	.30	.26	.36	.30	.25	.23
10.0	.38	.30	.24	.37	.29	.24	.35	.28	.24	.34	.28	.23	.33	.27	.23	.21



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:WXQ
Test Date:12 March 2024

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.463
Humidity:50.0%
Test Distance:1.153m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:120.06V I:0.0489A P:4.9802W PF:0.8485 Freq:59.98Hz Lamp Flux:564.201x1 lm		
NAME: VO-T5FIXW5FT1-120-3WAY-S-D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 123-1697
MFR.: HI-LIGHT	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	.337	.192	.061	.328	.187	.059	.312	.179	.057	.297	.171	.055	.283	.164	.053		
2.0	.307	.168	.052	.299	.165	.051	.285	.158	.049	.271	.152	.048	.259	.146	.046		
3.0	.280	.149	.045	.273	.146	.044	.260	.141	.043	.248	.136	.042	.237	.131	.041		
4.0	.256	.133	.039	.250	.131	.039	.238	.126	.038	.227	.122	.037	.217	.118	.036		
5.0	.235	.120	.035	.230	.118	.034	.219	.114	.034	.210	.111	.033	.200	.107	.032		
6.0	.217	.109	.031	.212	.107	.031	.203	.104	.030	.194	.101	.030	.186	.098	.029		
7.0	.202	.100	.028	.197	.098	.028	.189	.095	.027	.181	.093	.027	.173	.090	.026		
8.0	.188	.092	.026	.184	.090	.026	.176	.088	.025	.169	.085	.025	.162	.083	.024		
9.0	.176	.085	.024	.172	.084	.024	.165	.082	.023	.158	.079	.023	.152	.077	.022		
10.0	.165	.079	.022	.162	.078	.022	.155	.076	.021	.149	.074	.021	.143	.072	.021		

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	.232	.232	.232	.198	.198	.198	.135	.135	.135	.078	.078	.078	.025	.025	.025		
1.0	.224	.197	.174	.191	.169	.150	.131	.117	.103	.075	.067	.060	.024	.022	.019		
2.0	.216	.174	.138	.185	.149	.119	.127	.103	.083	.073	.060	.049	.023	.019	.016		
3.0	.208	.156	.115	.179	.135	.100	.123	.094	.070	.071	.055	.041	.023	.018	.013		
4.0	.201	.143	.099	.172	.124	.086	.119	.086	.061	.069	.051	.036	.022	.016	.012		
5.0	.193	.133	.089	.166	.115	.077	.114	.080	.055	.066	.047	.032	.021	.015	.011		
6.0	.186	.125	.081	.160	.108	.071	.110	.076	.050	.064	.045	.030	.021	.015	.010		
7.0	.179	.118	.075	.154	.102	.066	.106	.072	.047	.062	.042	.028	.020	.014	.009		
8.0	.173	.112	.071	.149	.098	.062	.103	.068	.044	.060	.040	.026	.019	.013	.009		
9.0	.166	.108	.068	.143	.093	.059	.099	.066	.042	.058	.039	.025	.019	.013	.008		
10.0	.161	.103	.065	.138	.090	.057	.096	.063	.040	.056	.037	.024	.018	.012	.008		

C Range: 0 - 360DEG

C Interval: 22.5DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:WXQ

Test Date:12 March 2024

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.463

Humidity:50.0%

Test Distance:1.153m [K=1.0000]

Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.06V I:0.0489A P:4.9802W PF:0.8485 Freq:59.98Hz Lamp Flux:564.20lx1 lm										
NAME: VO-T5FIXW5FT1-120-3WAY-S-D					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.: 123-1697		
MFR.: HI-LIGHT					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	16.9	18.4	17.2	18.7	19.0	16.3	17.8	16.6	18.1	18.4
3H	18.8	20.2	19.2	20.5	20.9	17.8	19.2	18.2	19.5	19.9
4H	19.7	21.0	20.1	21.4	21.7	18.4	19.7	18.8	20.1	20.4
6H	20.6	21.8	21.0	22.2	22.6	18.8	20.0	19.2	20.4	20.8
8H	21.0	22.2	21.5	22.6	23.0	18.9	20.1	19.3	20.5	20.9
12H	21.5	22.7	21.9	23.1	23.5	18.9	20.1	19.4	20.5	20.9
4H 2H	17.5	18.8	17.9	19.2	19.6	17.1	18.4	17.5	18.7	19.1
3H	19.6	20.8	20.1	21.2	21.6	18.8	20.0	19.3	20.4	20.8
4H	20.7	21.8	21.2	22.2	22.6	19.6	20.6	20.0	21.0	21.5
6H	21.8	22.7	22.3	23.2	23.6	20.1	21.0	20.6	21.5	22.0
8H	22.3	23.2	22.8	23.7	24.2	20.3	21.1	20.8	21.6	22.1
12H	22.9	23.7	23.4	24.2	24.7	20.3	21.2	20.9	21.6	22.2
8H 4H	21.0	21.9	21.5	22.4	22.9	20.0	20.9	20.5	21.4	21.9
6H	22.3	23.1	22.9	23.6	24.1	20.8	21.6	21.3	22.1	22.6
8H	23.0	23.7	23.6	24.2	24.8	21.1	21.8	21.7	22.3	22.9
12H	23.9	24.4	24.4	25.0	25.6	21.3	21.9	21.9	22.4	23.0
12H 4H	21.1	21.9	21.6	22.3	22.9	20.1	20.9	20.7	21.4	22.0
6H	22.4	23.1	23.0	23.6	24.2	21.0	21.7	21.6	22.2	22.8
8H	23.2	23.8	23.8	24.3	24.9	21.4	22.0	22.0	22.5	23.1
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.4					+ 0.2 / - 0.4				

CIE Pub.117, 564.2 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -2.0)
Area: 0.1 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:WXQ
Test Date:12 March 2024

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.463
Humidity:50.0%
Test Distance:1.153m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.06V I:0.0489A P:4.9802W PF:0.8485 Freq:59.98Hz Lamp Flux:564.20lx1 lm		
NAME: VO-T5FIXW5FT1-120-3WAY-S-D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 123-1697
MFR.: HI-LIGHT	SUR.:	Shielding Angle:

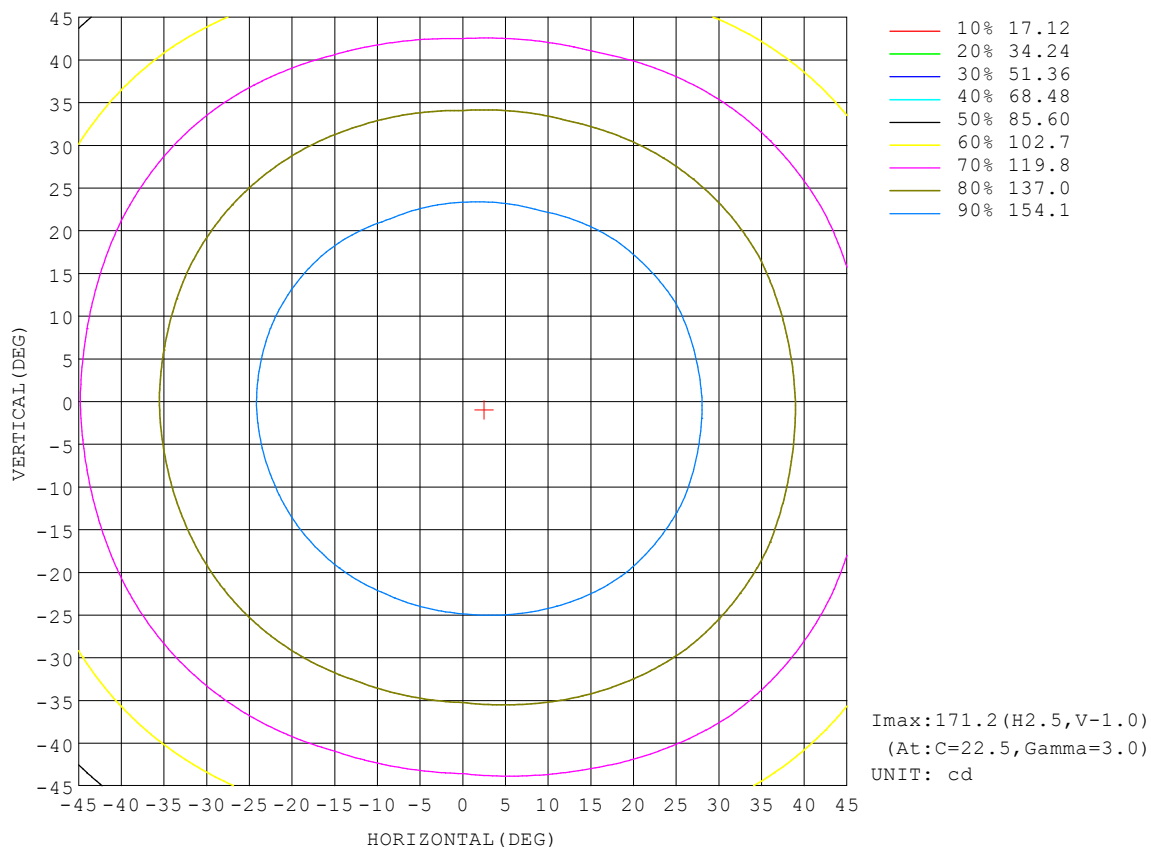
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	54	42	35	53	42	35	52	41	35	28
0.80	64	52	44	63	51	44	61	50	43	36
1.00	72	60	53	71	60	52	68	61	52	44
1.25	79	68	60	77	67	60	74	65	59	51
1.50	84	74	66	82	72	65	79	70	64	56
2.00	91	82	75	89	80	74	85	78	72	63
2.50	95	87	80	93	85	79	88	82	77	67
3.00	99	91	85	96	89	84	91	86	81	71
4.00	103	97	91	100	95	90	95	90	86	76
5.00	106	100	96	103	98	94	97	93	90	79
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: WXQ
Test Date: 12 March 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.463
Humidity: 50.0%
Test Distance: 1.153m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:120.06V I:0.0489A P:4.9802W PF:0.8485 Freq:59.98Hz Lamp Flux:564.20lx1 lm		
NAME: VO-T5FIXW5FT1-120-3WAY-S-D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 123-1697
MFR.: HI-LIGHT	SUR.:	Shielding Angle:

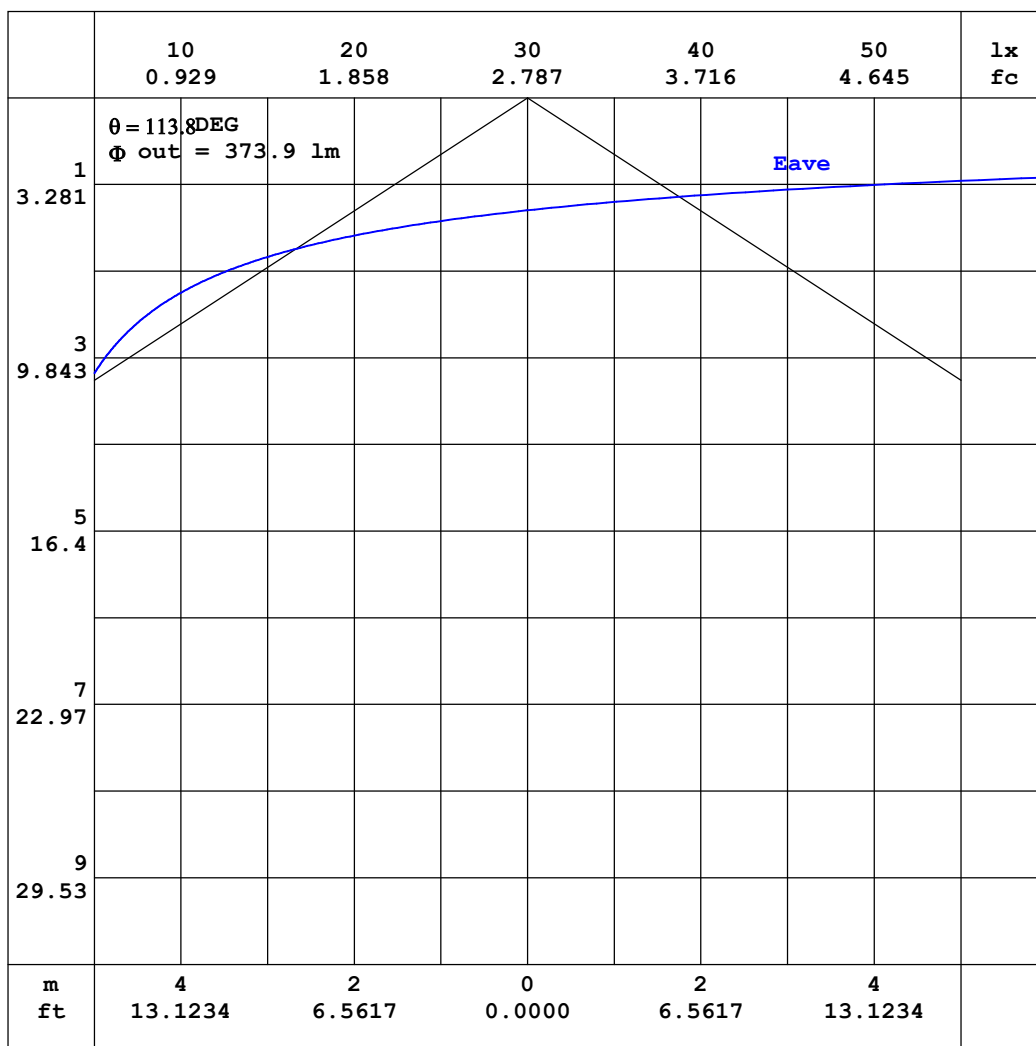


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:WXQ
Test Date:12 March 2024

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.463
Humidity:50.0%
Test Distance:1.153m [K=1.0000]
Remarks:

AAI CURVES

Test:U:120.06V I:0.0489A P:4.9802W PF:0.8485 Freq:59.98Hz Lamp Flux:564.20lx1 lm		
NAME: VO-T5FIXW5FT1-120-3WAY-S-D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 123-1697
MFR.: HI-LIGHT	SUR.:	Shielding Angle:



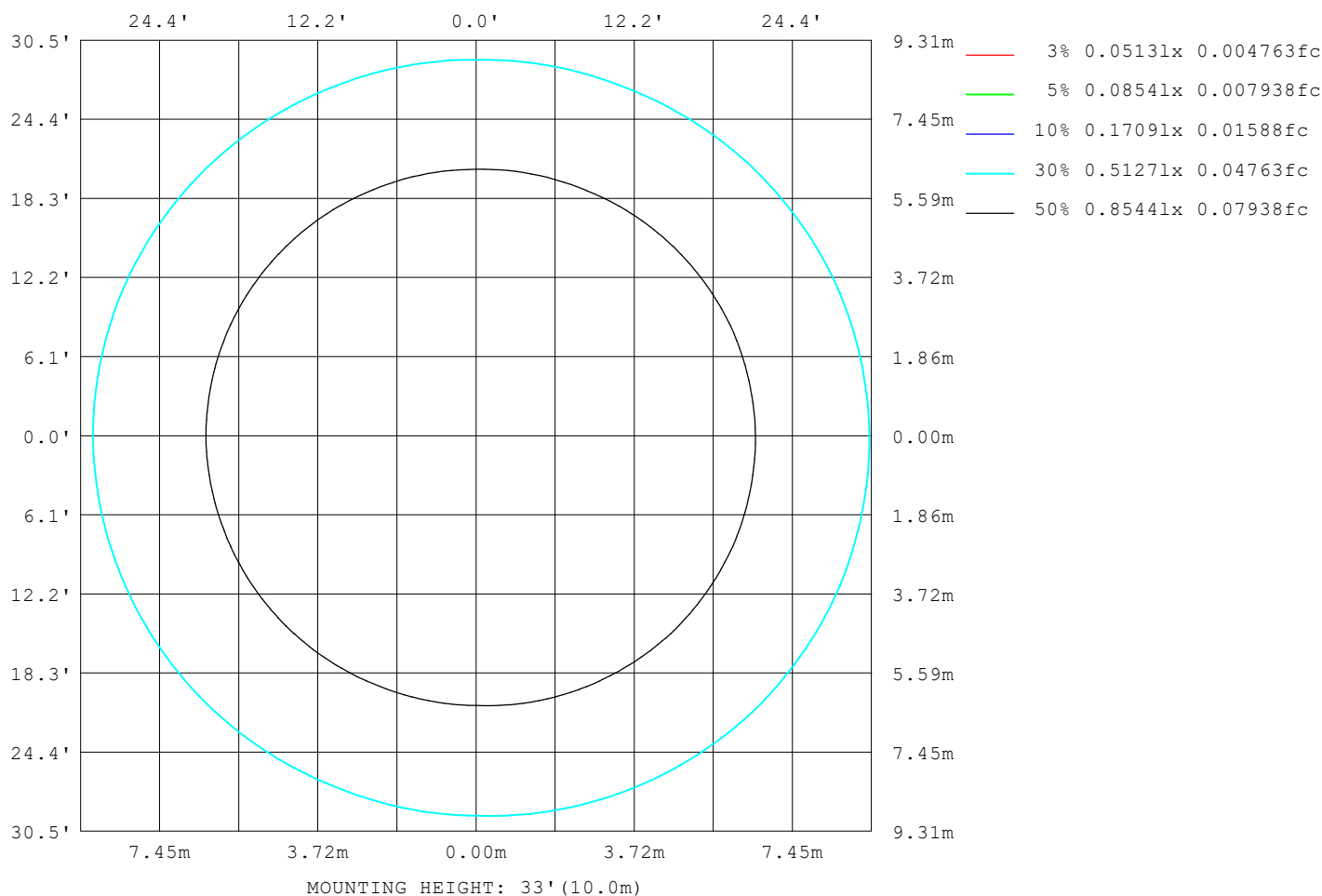
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: WXQ
Test Date: 12 March 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.463
Humidity: 50.0%
Test Distance: 1.153m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:120.06V I:0.0489A P:4.9802W PF:0.8485 Freq:59.98Hz Lamp Flux:564.20lx1 lm		
NAME: VO-T5FIXW5FT1-120-3WAY-S-D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 123-1697
MFR.: HI-LIGHT	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:WXQ
Test Date:12 March 2024

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.463
Humidity:50.0%
Test Distance:1.153m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:120.06V I:0.0489A P:4.9802W PF:0.8485 Freq:59.98Hz Lamp Flux:564.20lx1 lm		
NAME: VO-T5FIXW5FT1-120-3WAY-S-D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 123-1697
MFR.: HI-LIGHT	SUR.:	Shielding Angle:

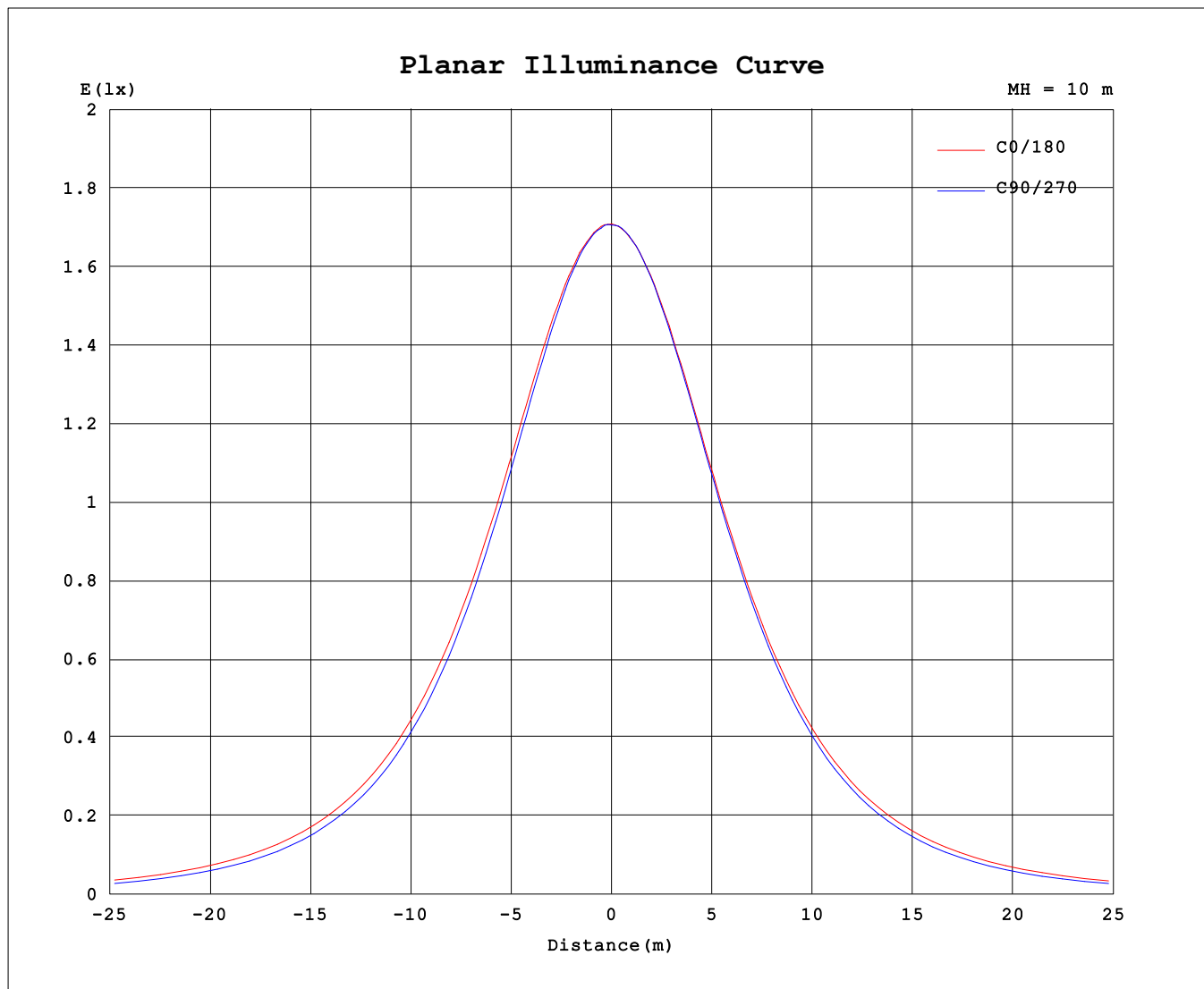
AvgL	cd/m2
L_0~180 (65) av	1799
L_0~180 (75) av	1944
L_0~180 (85) av	3314
L_90~270 (65) av	1477
L_90~270 (75) av	1137
L_90~270 (85) av	693
L_45 (65) av	1670
L_45 (75) av	1677
L_45 (85) av	2352

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:WXQ
Test Date:12 March 2024

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.463
Humidity:50.0%
Test Distance:1.153m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: WXQ
Test Date: 12 March 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.463
Humidity: 50.0%
Test Distance: 1.153m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.06V I:0.0489A P:4.9802W PF:0.8485 Freq:59.98Hz Lamp Flux:564.201x1 lm		
NAME: VO-T5FIXW5FT1-120-3WAY-S-D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 123-1697
MFR.: HI-LIGHT	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	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171			
5	171	171	171	170	170	170	170	170	170	170	169	170	170	170	170	171			
10	169	170	169	169	168	168	167	167	167	167	167	167	167	168	168	169			
15	167	167	167	166	165	164	164	164	164	164	163	163	163	164	165	166			
20	163	163	162	161	160	159	159	159	159	159	158	158	158	159	160	162			
25	158	158	157	155	154	153	153	153	153	153	152	152	152	153	155	157			
30	151	152	151	148	146	145	145	146	146	146	145	144	144	145	148	150			
35	144	144	143	140	137	137	137	137	138	137	136	135	135	137	140	142			
40	135	135	134	131	128	127	127	128	129	129	127	126	125	127	130	134			
45	126	125	124	120	117	116	117	118	119	119	117	115	114	116	120	124			
50	115	115	113	109	105	104	106	107	109	108	106	104	102	104	109	113			
55	104	104	101	96.4	91.7	91.0	93.4	95.7	97.6	97.0	94.7	91.9	89.5	91.4	96.6	101			
60	91.4	91.2	88.3	83.0	77.7	77.4	80.6	83.6	85.8	85.2	82.6	79.1	76.0	77.9	83.7	88.9			
65	78.6	78.3	74.9	69.1	63.1	63.1	67.3	70.9	73.5	72.8	69.9	65.8	61.8	63.8	70.2	75.9			
70	65.3	64.9	61.1	54.7	48.1	48.4	53.7	57.9	60.9	60.3	57.0	52.1	47.2	49.1	56.1	62.5			
75	52.0	51.6	47.3	40.3	32.8	33.7	40.0	45.2	48.6	48.1	44.2	38.5	26.1	34.3	42.1	49.0			
80	39.9	39.4	34.5	26.6	18.3	19.8	27.3	33.4	37.2	36.5	32.3	25.7	10.1	20.3	28.8	36.3			
85	29.8	29.3	24.1	15.8	6.23	8.58	17.2	24.0	28.0	27.2	22.7	15.2	5.85	8.69	18.0	26.0			
90	22.4	21.9	17.2	9.25	1.42	3.21	11.1	17.5	21.1	20.4	16.1	9.09	1.53	2.86	11.3	18.7			
95	17.7	17.2	13.2	6.77	0.61	2.09	8.29	13.6	16.7	16.1	12.4	6.59	0.80	1.69	8.33	14.4			
100	15.1	14.8	11.2	5.54	0.38	1.57	7.00	11.6	14.2	13.7	10.5	5.48	0.56	1.18	6.92	12.2			
105	13.2	12.9	9.70	4.56	0.27	1.24	6.00	10.2	12.5	12.1	9.22	4.63	0.42	0.86	5.79	10.6			
110	11.5	11.2	8.32	3.74	0.18	0.99	5.13	8.95	11.1	10.6	8.03	3.89	0.32	0.63	4.83	9.17			
115	9.94	9.68	7.08	3.05	0.14	0.80	4.35	7.79	9.73	9.35	6.97	3.28	0.24	0.47	3.97	7.83			
120	8.49	8.24	5.93	2.46	0.09	0.65	3.68	6.70	8.44	8.11	5.98	2.74	0.16	0.34	3.24	6.60			
125	7.11	6.91	4.89	1.95	0.10	0.49	3.08	5.71	7.24	6.95	5.07	2.27	0.12	0.23	2.60	5.46			
130	5.84	5.67	3.96	1.53	0.09	0.31	2.55	4.80	6.11	5.86	4.22	1.86	0.10	0.15	2.02	4.42			
135	4.69	4.55	3.12	1.13	0.09	0.24	2.05	3.95	5.06	4.86	3.47	1.50	0.08	0.11	1.52	3.47			
140	3.65	3.52	2.37	0.74	0.09	0.20	1.61	3.18	4.08	3.93	2.81	1.20	0.08	0.10	1.02	2.60			
145	2.71	2.61	1.72	0.55	0.11	0.16	1.08	2.46	3.20	3.11	2.26	0.96	0.09	0.08	0.59	1.82			
150	1.91	1.83	0.98	0.36	0.12	0.14	0.73	1.82	2.38	2.36	1.77	0.75	0.11	0.08	0.31	1.01			
155	1.07	1.03	0.69	0.22	0.13	0.13	0.42	1.19	1.66	1.67	1.26	0.58	0.12	0.09	0.14	0.53			
160	0.65	0.61	0.38	0.17	0.15	0.15	0.26	0.69	0.91	0.93	0.73	0.39	0.12	0.09	0.09	0.22			
165	0.31	0.30	0.22	0.16	0.16	0.16	0.18	0.33	0.38	0.39	0.37	0.19	0.10	0.08	0.08	0.09			
170	0.20	0.20	0.18	0.17	0.17	0.17	0.18	0.19	0.07	0.08	0.11	0.09	0.07	0.07	0.07	0.07			
175	0.15	0.14	0.13	0.13	0.13	0.13	0.13	0.14	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04			
180	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02			

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