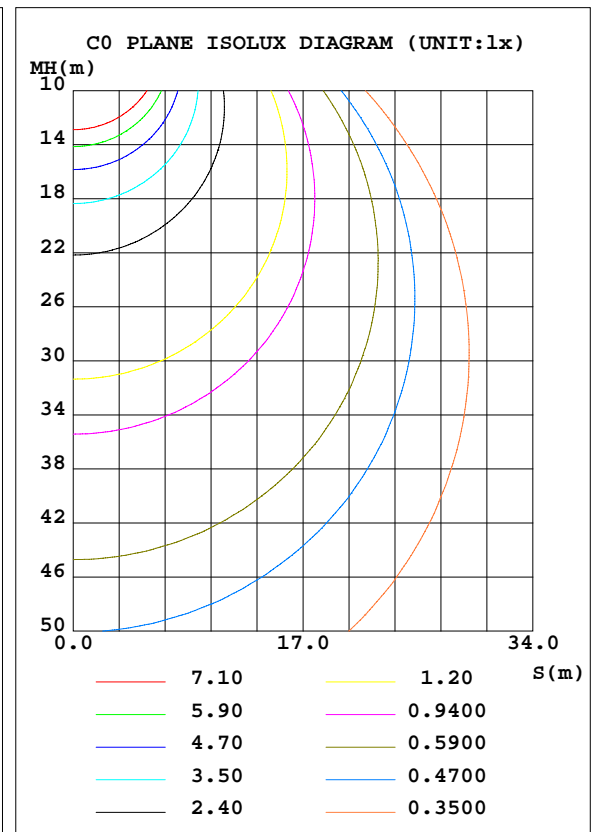
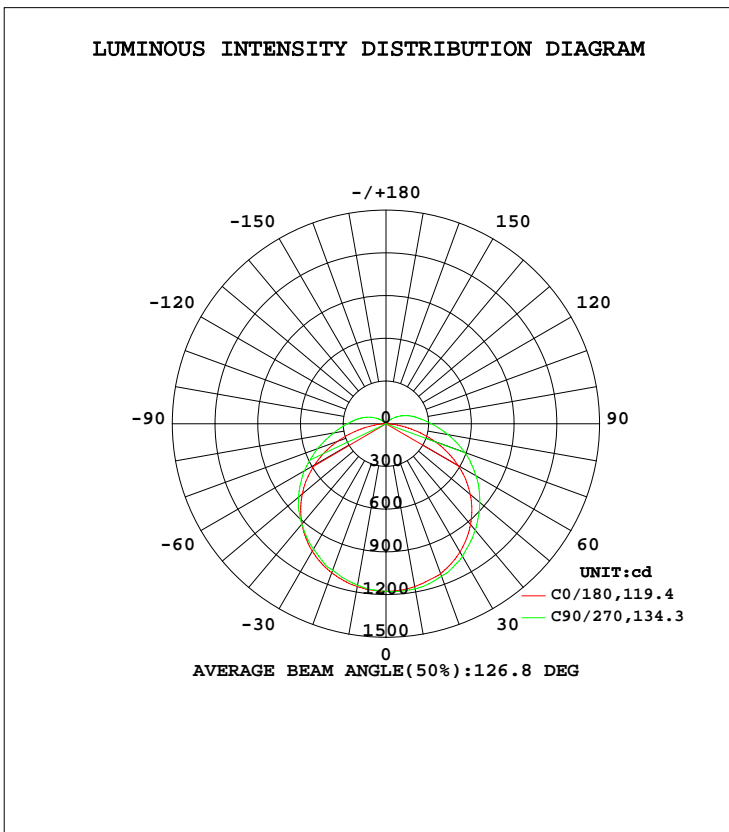


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.1V I:0.3994A P:47.03W PF:0.9808 Lamp Flux:4477.43x1 lm		
NAME: LED Vapor Light #4306	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.:	SUR.:N/A	Shielding Angle:N/A

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	PSZ2C160613002-10	Imax(cd)	1184	S/MH(C0/180)	1.31
NOMINAL POWER(W)	50	LOR(%)	100.0	S/MH(C90/270)	1.35
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	4477.4	η UP, DN(C0-180)	3.6,44.5
NOMINAL FLUX(lm)	4477.43	CIE CLASS	DIRECT	η UP, DN(C180-360)	4.5,47.5
LAMPS INSIDE	1	η up(%)	8.1	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	120	η down(%)	91.9	CIBSE SHR MAX	1.55



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: 10.0deg/s
 Temperature:25.3DEG
 Operators:ben
 Test Date:2016-06-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:45%
 Test Distance:2.437m [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	1162	1155	1152	1154	1161	1170	1177	1171	0- 10	111.7	111.7	2.49,2.49
20	1114	1100	1095	1100	1121	1136	1140	1137	10- 20	323.3	435.0	9.71,9.71
30	1034	1021	1016	1022	1040	1069	1074	1067	20- 30	500.4	935.4	20.9,20.9
40	918.9	909.7	920.0	912.0	923.9	959.2	975.4	964.1	30- 40	621.3	1557	34.8,34.8
50	767.7	780.5	802.1	784.2	772.5	828.4	860.0	834.2	40- 50	674.0	2231	49.8,49.8
60	579.6	629.8	662.6	635.2	584.6	680.4	730.1	686.5	50- 60	652.2	2883	64.4,64.4
70	362.9	464.1	512.1	470.1	365.5	518.9	588.7	525.7	60- 70	558.4	3441	76.9,76.9
80	137.7	302.6	373.5	308.9	140.6	355.5	442.4	362.7	70- 80	412.5	3854	86.1,86.1
90	12.73	191.1	271.9	196.7	10.58	224.1	319.9	231.3	80- 90	261.4	4115	91.9,91.9
100	9.712	122.6	199.3	126.6	8.043	145.3	232.2	150.7	90-100	165.6	4281	95.6,95.6
110	4.784	68.52	136.3	70.76	4.075	88.88	166.6	92.88	100-110	104.7	4386	97.9,97.9
120	2.627	26.77	80.16	27.71	2.271	43.74	106.8	45.93	110-120	57.70	4443	99.2,99.2
130	1.133	2.738	33.27	2.509	1.032	12.44	54.94	13.25	120-130	25.20	4468	99.8,99.8
140	1.021	1.076	3.823	1.064	0.8683	1.093	15.85	1.141	130-140	6.760	4475	100,100
150	1.393	1.459	1.475	1.427	0.9517	1.024	1.201	1.055	140-150	1.049	4476	100,100
160	1.600	1.659	1.676	1.601	1.134	1.134	1.199	1.196	150-160	0.6141	4477	100,100
170	1.628	1.643	1.615	1.584	1.236	1.207	1.215	1.246	160-170	0.3997	4477	100,100
180	1.476	1.444	1.476	1.459	1.484	1.451	1.432	1.427	170-180	0.1365	4477	100,100
DEG	LUMINOUS INTENSITY:cd Less than 25% Percent = 12.2 %									UNIT:lm		

Conical surface Flux(90deg): 1891.7 lm

%lum = 42.3%
%lamp = 42.3%

Conical surface Flux(120deg): 2882.9 lm

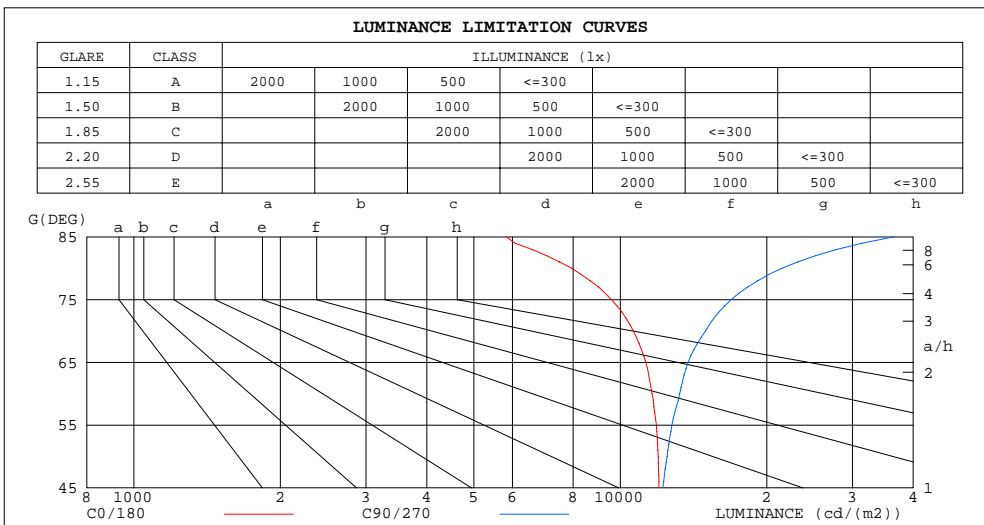
%lum = 64.4%
%lamp = 64.4%

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: 10.0deg/s
Temperature:25.3DEG
Operators:ben
Test Date:2016-06-15

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity:45%
Test Distance:2.437m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.1V I:0.3994A P:47.03W PF:0.9808 Lamp Flux:4477.43x1 lm		
NAME: LED light	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.:	SUR.:N/A	Shielding Angle:N/A



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	5822	36472
80	7946	21499
75	9592	16903
70	10634	14966
65	11280	13788
60	11616	13247
55	11861	12762
50	11969	12474
45	12004	12227

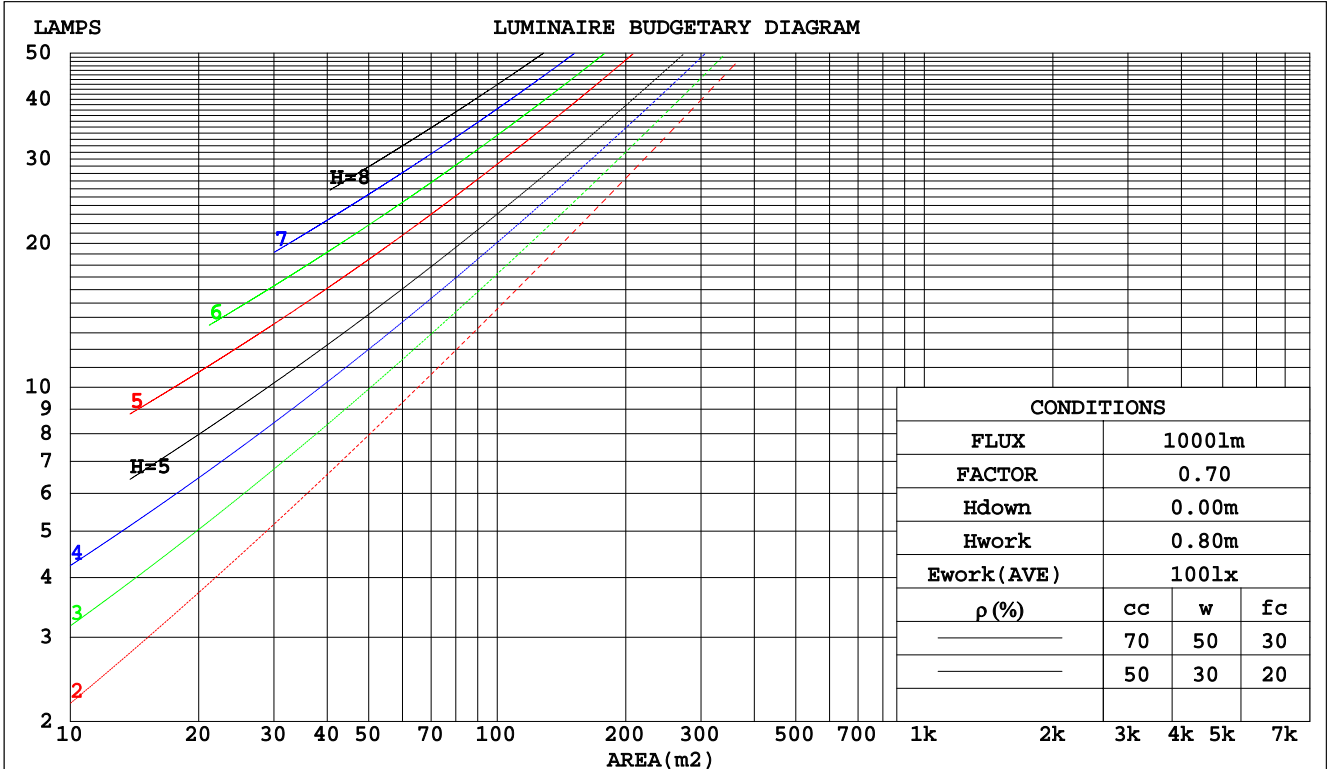
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: 10.0deg/s
 Temperature:25.3DEG
 Operators:ben
 Test Date:2016-06-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:45%
 Test Distance:2.437m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.1V I:0.3994A P:47.03W PF:0.9808 Lamp Flux:4477.43x1 lm		
NAME: LED light	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.:	SUR.:N/A	Shielding Angle:N/A

pcc	80%			70%			50%			30%			10%			0
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pw																
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio															
	Coefficients of Utilization(CU)															
0.0	1.17	1.17	1.17	1.13	1.13	1.13	1.07	1.07	1.07	1.00	1.00	1.00	.95	.95	.95	.92
1.0	.99	.94	.89	.96	.91	.87	.90	.86	.83	.85	.82	.79	.80	.77	.75	.72
2.0	.85	.77	.71	.82	.75	.69	.77	.72	.67	.73	.68	.64	.69	.65	.61	.58
3.0	.74	.65	.58	.72	.63	.57	.67	.61	.55	.64	.58	.53	.60	.55	.51	.48
4.0	.65	.56	.48	.63	.54	.48	.60	.52	.46	.56	.50	.45	.53	.48	.43	.41
5.0	.58	.48	.41	.56	.47	.41	.53	.45	.39	.50	.43	.38	.47	.42	.37	.35
6.0	.52	.42	.36	.50	.42	.35	.48	.40	.34	.45	.38	.33	.43	.37	.32	.30
7.0	.47	.38	.31	.46	.37	.31	.43	.36	.30	.41	.34	.29	.39	.33	.29	.26
8.0	.43	.34	.28	.41	.33	.27	.39	.32	.27	.38	.31	.26	.36	.30	.25	.23
9.0	.39	.30	.25	.38	.30	.25	.36	.29	.24	.35	.28	.23	.33	.27	.23	.21
10.0	.36	.28	.22	.35	.27	.22	.33	.26	.22	.32	.26	.21	.31	.25	.21	.19



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: 10.0deg/s
 Temperature:25.3DEG
 Operators:ben
 Test Date:2016-06-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:45%
 Test Distance:2.437m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:120.1V I:0.3994A P:47.03W PF:0.9808 Lamp Flux:4477.43x1 lm		
NAME: LED light	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.:	SUR.:N/A	Shielding Angle:N/A

ρcc	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						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.367	.208	.066	.357	.204	.065	.339	.194	.062	.322	.186	.060	.307	.178	.057	
2.0	.325	.178	.055	.316	.174	.054	.300	.167	.052	.285	.160	.050	.271	.153	.048	
3.0	.292	.156	.047	.284	.152	.046	.270	.146	.044	.256	.141	.043	.244	.135	.042	
4.0	.265	.138	.040	.258	.135	.040	.245	.130	.039	.233	.125	.038	.221	.120	.037	
5.0	.242	.123	.036	.236	.121	.035	.224	.117	.034	.213	.112	.033	.203	.108	.033	
6.0	.222	.111	.032	.217	.109	.032	.206	.106	.031	.196	.102	.030	.187	.098	.029	
7.0	.205	.102	.029	.200	.100	.028	.191	.096	.028	.182	.093	.027	.173	.090	.026	
8.0	.191	.093	.026	.186	.092	.026	.178	.089	.025	.169	.086	.025	.162	.083	.024	
9.0	.178	.086	.024	.174	.085	.024	.166	.082	.023	.158	.079	.023	.151	.077	.022	
10.0	.167	.080	.022	.163	.079	.022	.156	.076	.021	.149	.074	.021	.142	.072	.021	

ρcc	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	.252	.252	.252	.215	.215	.215	.147	.147	.147	.084	.084	.084	.027	.027	.027	
1.0	.246	.218	.192	.211	.187	.165	.144	.129	.114	.083	.074	.066	.027	.024	.021	
2.0	.239	.194	.157	.205	.167	.135	.140	.116	.094	.081	.067	.055	.026	.022	.018	
3.0	.232	.177	.134	.199	.153	.116	.136	.106	.082	.079	.062	.048	.025	.020	.016	
4.0	.224	.165	.119	.192	.142	.103	.132	.099	.073	.076	.058	.043	.025	.019	.014	
5.0	.216	.154	.109	.186	.134	.095	.128	.093	.067	.074	.055	.040	.024	.018	.013	
6.0	.209	.146	.101	.179	.127	.088	.124	.089	.063	.072	.052	.037	.023	.017	.012	
7.0	.202	.140	.096	.173	.121	.084	.120	.085	.059	.070	.050	.035	.022	.016	.012	
8.0	.195	.134	.092	.168	.116	.080	.116	.082	.057	.068	.048	.034	.022	.016	.011	
9.0	.189	.129	.089	.163	.112	.077	.113	.079	.055	.066	.046	.033	.021	.015	.011	
10.0	.183	.125	.086	.158	.108	.075	.109	.076	.053	.064	.045	.032	.021	.015	.011	

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: 10.0deg/s
 Temperature:25.3DEG
 Operators:ben
 Test Date:2016-06-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:45%
 Test Distance:2.437m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.1V I:0.3994A P:47.03W PF:0.9808 Lamp Flux:4477.43x1 lm										
NAME: LED light					TYPE:N/A			WEIGHT:N/A		
SPEC.:N/A					DIM.: N/A			SERIAL No.:N/A		
MFR.:					SUR.:N/A			Shielding Angle:N/A		
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	20.7	22.2	21.1	22.6	23.0	21.3	22.8	21.6	23.1	23.5
3H	22.4	23.7	22.8	24.1	24.5	23.4	24.8	23.8	25.2	25.6
4H	23.0	24.3	23.4	24.7	25.1	24.5	25.8	25.0	26.2	26.7
6H	23.4	24.7	23.9	25.1	25.5	25.7	27.0	26.2	27.4	27.8
8H	23.5	24.7	24.0	25.2	25.6	26.4	27.6	26.8	28.0	28.5
12H	23.6	24.7	24.0	25.2	25.7	27.2	28.3	27.6	28.8	29.2
4H 2H	21.5	22.8	22.0	23.2	23.7	21.9	23.2	22.4	23.6	24.1
3H	23.4	24.5	23.8	25.0	25.4	24.3	25.4	24.8	25.9	26.4
4H	24.2	25.2	24.7	25.7	26.2	25.6	26.6	26.1	27.1	27.6
6H	24.7	25.7	25.3	26.2	26.7	27.0	27.9	27.5	28.4	29.0
8H	24.9	25.8	25.5	26.3	26.9	27.7	28.6	28.3	29.1	29.7
12H	25.0	25.9	25.6	26.4	27.0	28.6	29.5	29.2	30.0	30.6
8H 4H	24.7	25.6	25.3	26.1	26.7	25.9	26.8	26.5	27.3	27.9
6H	25.6	26.4	26.2	26.9	27.5	27.6	28.3	28.2	28.9	29.5
8H	26.0	26.6	26.5	27.2	27.8	28.6	29.2	29.2	29.8	30.4
12H	26.2	26.8	26.8	27.4	28.0	29.7	30.3	30.3	30.9	31.5
12H 4H	24.9	25.7	25.4	26.2	26.8	26.0	26.8	26.5	27.3	27.9
6H	25.9	26.6	26.5	27.1	27.8	27.7	28.4	28.3	29.0	29.6
8H	26.4	27.0	27.0	27.6	28.2	28.8	29.4	29.4	30.0	30.6
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.1				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.1 / - 0.4					+ 0.2 / - 0.4				

CIE Pub.117 Corrected 4477 lm Total Lamp Luminous Flux.(8log(F/F0) = 5.2)

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: 10.0deg/s
 Temperature:25.3DEG
 Operators:ben
 Test Date:2016-06-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:45%
 Test Distance:2.437m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.1V I:0.3994A P:47.03W PF:0.9808 Lamp Flux:4477.43x1 lm		
NAME: LED light	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.:	SUR.:N/A	Shielding Angle:N/A

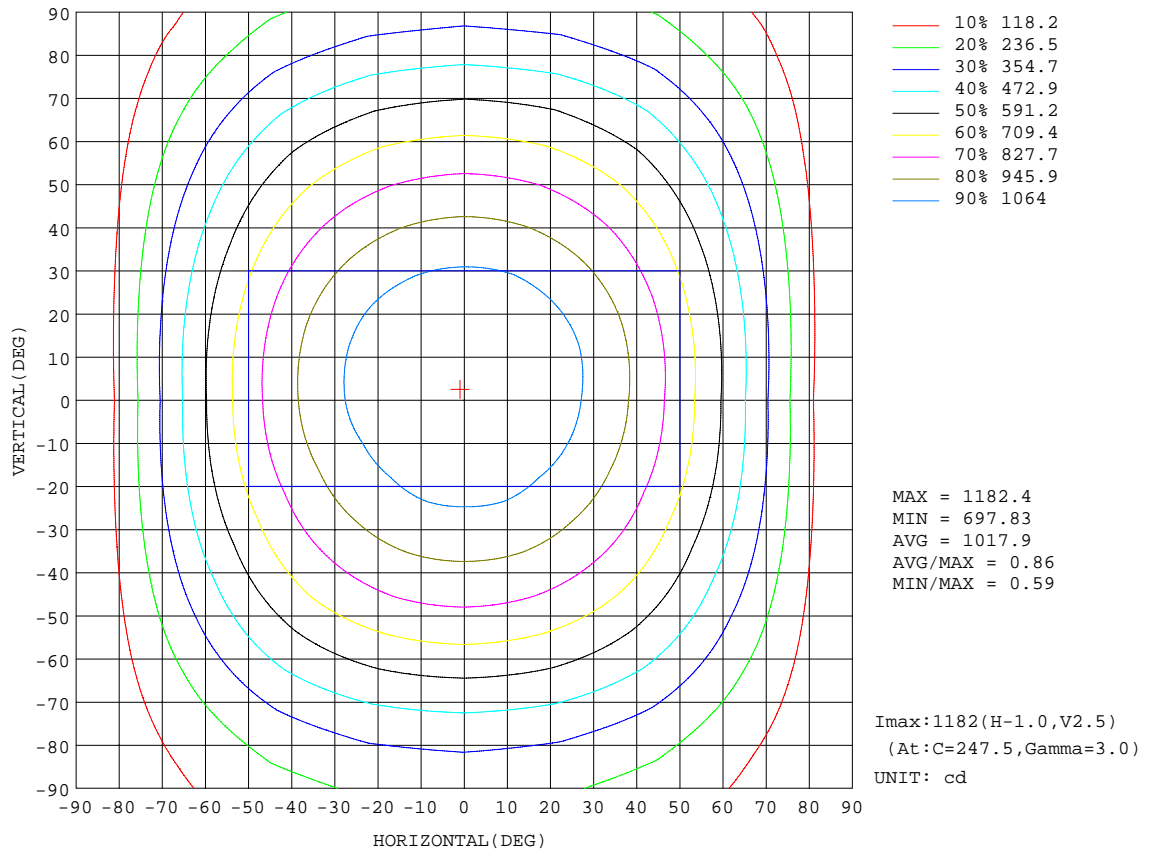
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	52	39	32	51	39	32	49	38	32	25
0.80	61	48	41	60	48	40	58	47	40	32
1.00	69	57	49	68	56	48	65	57	47	40
1.25	76	64	56	74	63	55	71	61	54	46
1.50	81	70	62	79	69	61	75	66	60	51
2.00	88	78	70	86	77	69	82	74	67	58
2.50	93	83	76	90	81	75	85	78	72	62
3.00	96	88	81	94	86	80	88	82	77	66
4.00	101	94	88	98	91	86	92	87	82	71
5.00	104	97	92	101	95	90	95	90	86	74
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: 10.0deg/s
 Temperature:25.3DEG
 Operators:ben
 Test Date:2016-06-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:45%
 Test Distance:2.437m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.1V I:0.3994A P:47.03W PF:0.9808 Lamp Flux:4477.43x1 lm		
NAME: LED light	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.:	SUR.:N/A	Shielding Angle:N/A

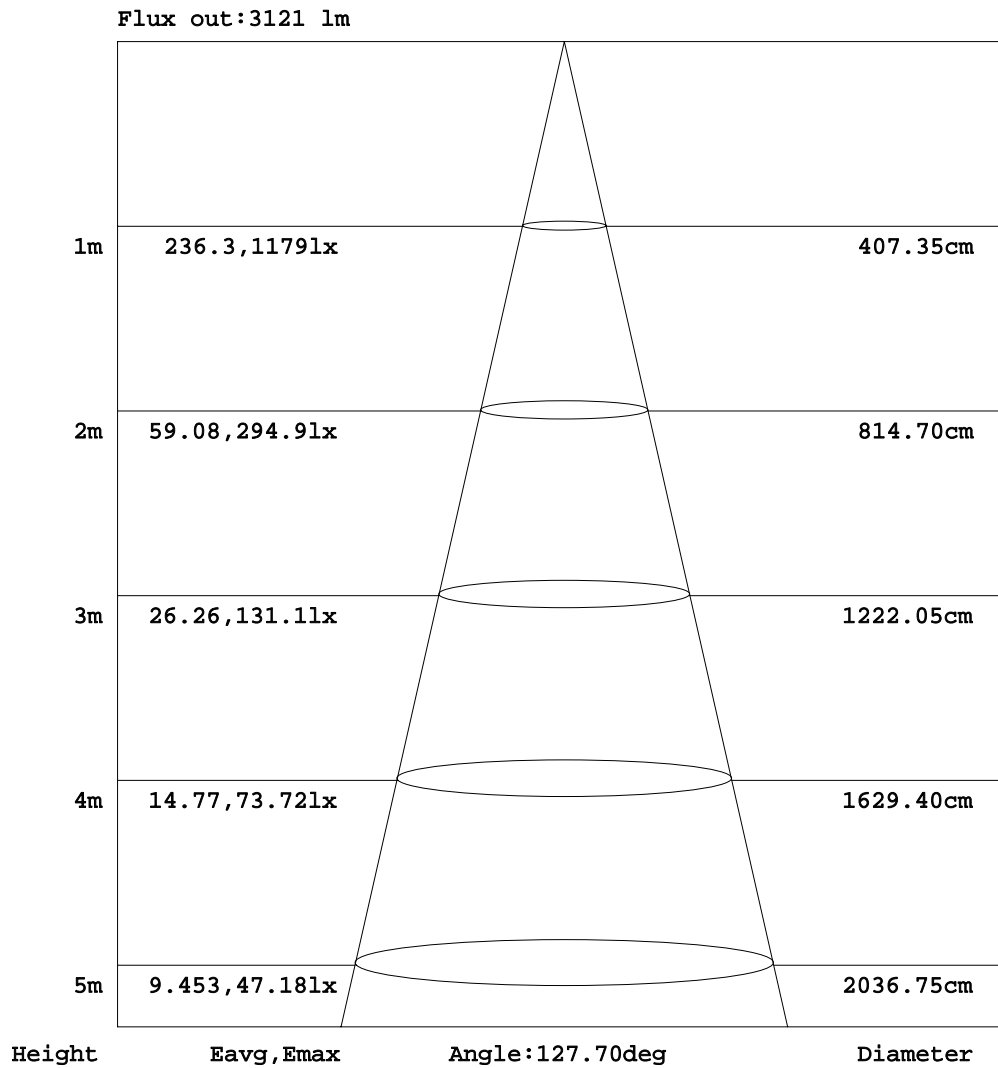


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: 10.0deg/s
 Temperature: 25.3DEG
 Operators: ben
 Test Date: 2016-06-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity: 45%
 Test Distance: 2.437m [K=1.0000]
 Remarks:

AAI Figure

Test:U:120.1V I:0.3994A P:47.03W PF:0.9808 Lamp Flux:4477.43x1 lm		
NAME: LED light	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.:	SUR.:N/A	Shielding Angle:N/A



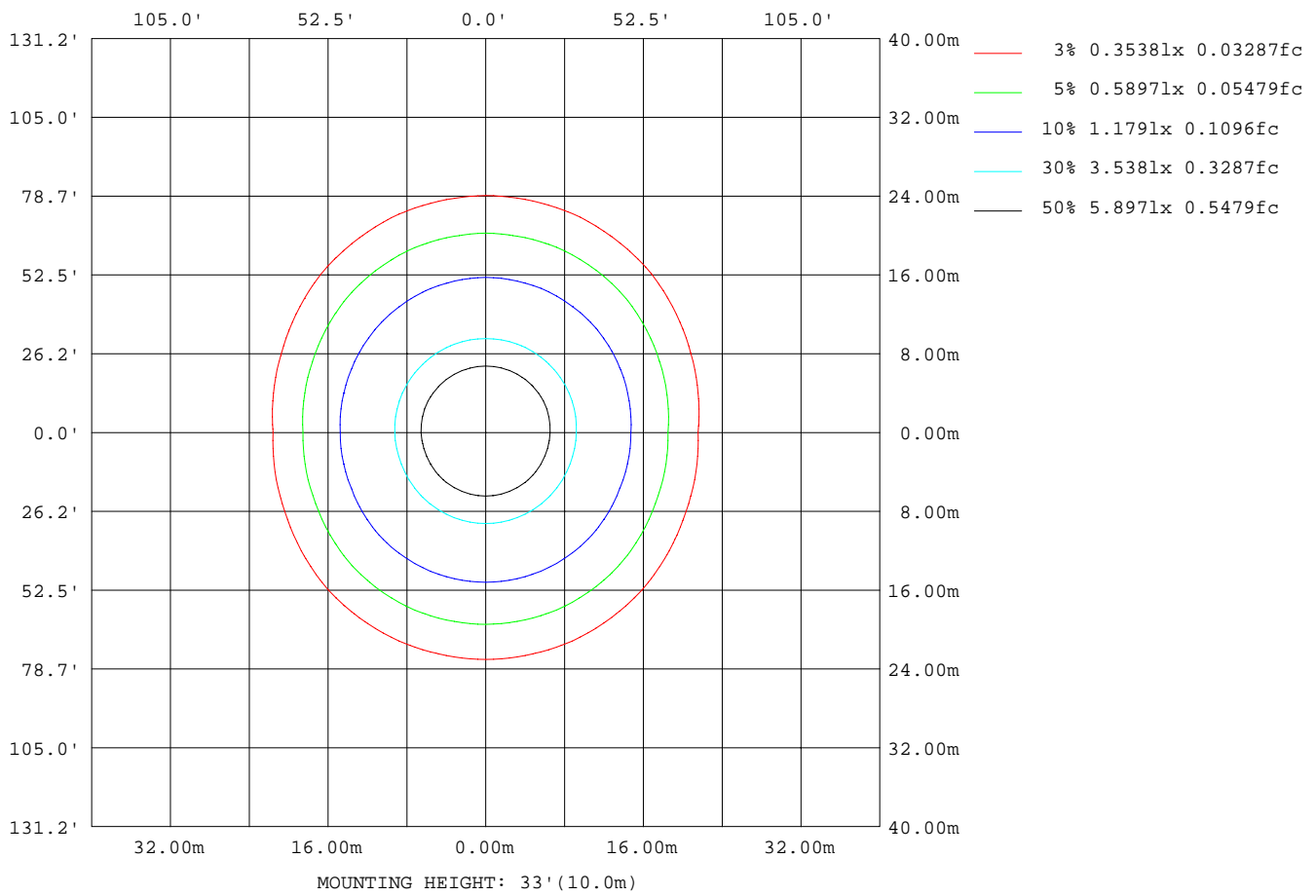
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: 10.0deg/s
 Temperature: 25.3DEG
 Operators: ben
 Test Date: 2016-06-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity: 45%
 Test Distance: 2.437m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:120.1V I:0.3994A P:47.03W PF:0.9808 Lamp Flux:4477.43x1 lm		
NAME: LED light	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.:	SUR.:N/A	Shielding Angle:N/A



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: 10.0deg/s
 Temperature:25.3DEG
 Operators:ben
 Test Date:2016-06-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:45%
 Test Distance:2.437m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:120.1V I:0.3994A P:47.03W PF:0.9808 Lamp Flux:4477.43x1 lm		
NAME: LED light	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.:	SUR.:N/A	Shielding Angle:N/A

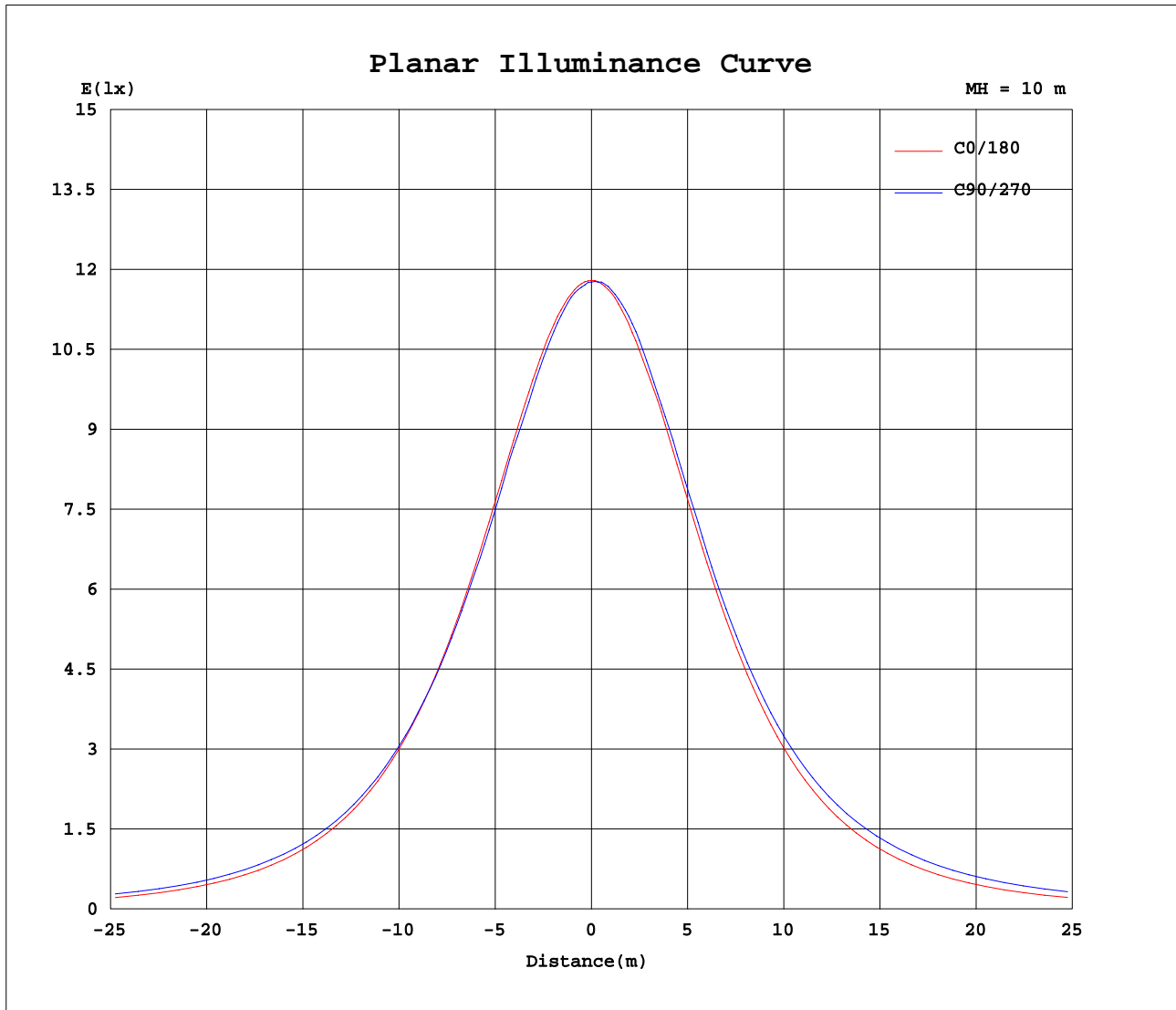
AvgL	cd/m2
L_0~180(65)av	11282
L_0~180(75)av	9624
L_0~180(85)av	5718
L_90~270(65)av	14700
L_90~270(75)av	18386
L_90~270(85)av	39853
L_45(65)av	13624
L_45(75)av	15900
L_45(85)av	30338

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: 10.0deg/s
 Temperature:25.3DEG
 Operators:ben
 Test Date:2016-06-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:45%
 Test Distance:2.437m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: 10.0deg/s
 Temperature: 25.3DEG
 Operators: ben
 Test Date: 2016-06-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity: 45%
 Test Distance: 2.437m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.1V I:0.3994A P:47.03W PF:0.9808 Lamp Flux:4477.43x1 lm		
NAME: LED light	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.:	SUR.:N/A	Shielding Angle:N/A

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	1177	1177	1177	1177	1177	1177	1177	1177	1177	1177	1177	1177	1177	1177	1177	1177			
5	1173	1169	1169	1170	1169	1169	1168	1168	1173	1176	1179	1181	1182	1179	1178	1177			
10	1162	1156	1155	1153	1152	1151	1154	1157	1161	1167	1170	1175	1177	1175	1171	1168			
15	1142	1139	1131	1128	1127	1128	1130	1138	1141	1149	1158	1164	1164	1165	1159	1150			
20	1114	1108	1100	1096	1095	1096	1100	1108	1121	1128	1136	1139	1140	1140	1137	1130			
25	1078	1069	1061	1066	1061	1064	1060	1070	1084	1098	1106	1111	1112	1112	1109	1099			
30	1034	1023	1021	1016	1016	1016	1022	1025	1040	1056	1069	1072	1074	1073	1067	1060			
35	981	969	969	972	971	973	968	971	986	1005	1015	1022	1025	1024	1019	1010			
40	919	907	910	916	920	916	912	911	924	945	959	970	975	973	964	949			
45	847	840	851	860	865	861	851	843	853	877	894	913	919	915	900	882			
50	768	765	780	797	802	800	784	770	772	800	828	853	860	855	834	806			
55	679	680	708	727	732	728	714	685	683	717	756	786	798	789	762	722			
60	580	590	630	654	663	657	635	596	585	625	680	719	730	721	687	633			
65	476	499	542	574	583	576	551	505	478	530	601	645	660	648	609	539			
70	363	402	464	500	512	503	470	409	366	434	519	572	589	575	526	443			
75	248	304	379	422	438	425	385	312	250	337	437	495	514	498	445	347			
80	138	214	303	356	373	359	309	221	141	244	356	421	442	424	363	254			
85	50.6	139	240	298	318	301	246	146	49.0	163	282	353	377	356	290	173			
90	12.7	90.9	191	251	272	254	197	97.0	10.6	105	224	296	320	299	231	114			
95	11.3	61.7	154	213	233	216	159	66.0	9.35	71.9	179	248	272	251	185	79.0			
100	9.71	39.3	123	179	199	182	127	42.0	8.04	49.3	145	209	232	212	151	54.8			
105	8.11	22.5	94.1	148	167	150	97.0	23.8	6.71	31.2	115	177	198	179	120	35.4			
110	4.78	10.8	68.5	118	136	120	70.8	10.9	4.07	17.1	88.9	146	167	148	92.9	19.8			
115	3.63	4.13	45.8	90.6	107	91.6	47.6	3.22	3.09	7.60	65.1	117	136	119	68.1	9.11			
120	2.63	2.66	26.8	65.4	80.2	66.2	27.7	2.03	2.27	2.72	43.7	89.5	107	90.9	45.9	3.21			
125	1.78	1.68	12.7	42.3	55.3	42.9	13.0	1.26	1.56	1.74	25.6	64.5	79.9	65.6	27.0	1.93			
130	1.13	0.98	2.74	23.6	33.3	23.8	2.51	0.81	1.03	1.09	12.4	41.8	54.9	42.8	13.3	1.11			
135	0.88	0.87	0.94	9.30	16.3	9.24	0.93	0.87	0.82	0.89	2.65	22.9	32.9	23.8	3.24	0.86			
140	1.02	1.02	1.08	1.37	3.82	1.30	1.06	1.01	0.87	0.91	1.09	8.56	15.9	9.72	1.14	0.90			
145	1.22	1.21	1.27	1.31	1.29	1.28	1.25	1.20	0.91	0.94	1.03	1.34	3.26	1.65	1.04	0.94			
150	1.39	1.40	1.46	1.50	1.48	1.46	1.43	1.37	0.95	0.96	1.02	1.10	1.20	1.14	1.05	0.99			
155	1.51	1.52	1.58	1.61	1.60	1.58	1.54	1.48	1.06	1.05	1.10	1.16	1.19	1.18	1.15	1.11			
160	1.60	1.61	1.66	1.70	1.68	1.65	1.60	1.57	1.13	1.13	1.13	1.16	1.20	1.19	1.20	1.18			
165	1.61	1.62	1.65	1.67	1.65	1.62	1.58	1.56	1.19	1.18	1.16	1.19	1.21	1.22	1.21	1.22			
170	1.63	1.63	1.64	1.65	1.61	1.59	1.58	1.58	1.24	1.23	1.21	1.20	1.21	1.19	1.25	1.26			
175	1.58	1.56	1.58	1.59	1.53	1.54	1.55	1.54	1.36	1.36	1.32	1.31	1.30	1.30	1.36	1.38			
180	1.48	1.45	1.44	1.43	1.48	1.42	1.46	1.45	1.48	1.48	1.45	1.45	1.43	1.47	1.43	1.46			

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