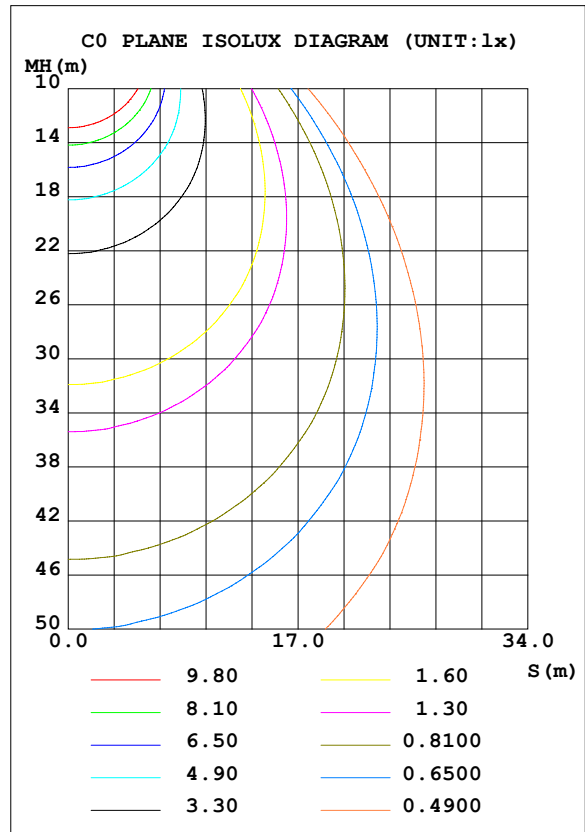
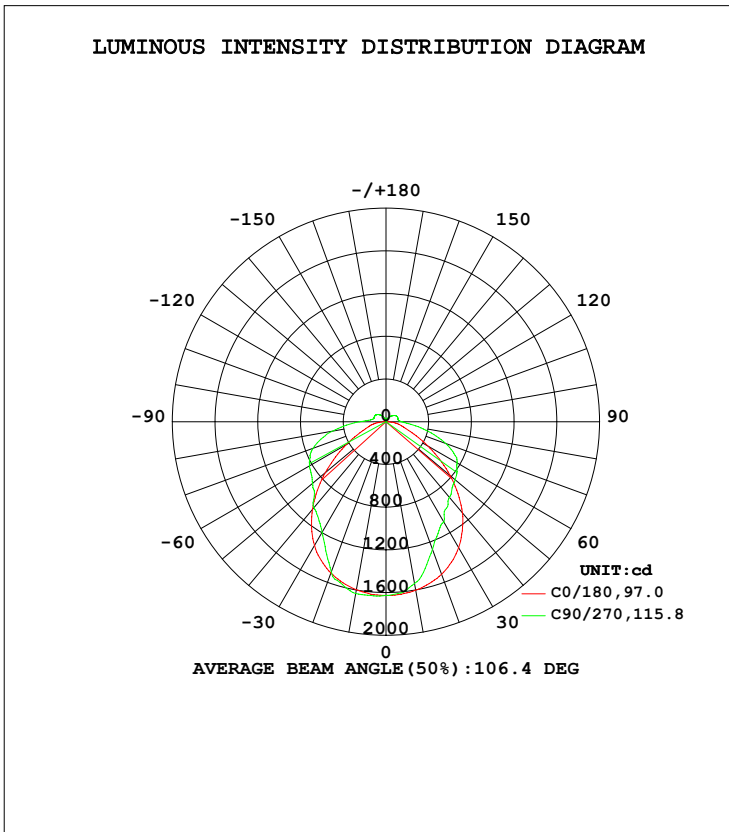


Date:	_____
Project:	_____
Price:	_____

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.1V I:0.3146A P:37.41W PF:0.9906 Lamp Flux:4767.87x1 lm		
NAME: Direct Linear Ambient Luminaires	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 Eff: 127.45 lm/W			
MODEL	R2DG160713050-10	Imax (cd)	1635	S/MH (C0/180)	1.24
NOMINAL POWER (W)	36	LOR (%)	100.0	S/MH (C90/270)	0.99
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	4767.9	η UP, DN (C0-180)	5.0, 47.8
NOMINAL FLUX (lm)	4767.87	CIE CLASS	DIRECT	η UP, DN (C180-360)	4.2, 43.0
LAMPS INSIDE	1	η up (%)	9.1	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	120	η down (%)	90.9	CIBSE SHR MAX	1.25



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: 10.0deg/s
 Temperature: 25.3DEG
 Operators: Hexy
 Test Date: 2016-07-14

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity: 47%
 Test Distance: 2.437m [K=1.0000]
 Remarks:

Date:	_____
Project:	_____
Price:	_____

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1597	1619	1633	1621	1601	1574	1538	1564	0- 10	153.9	153.9	3.23,3.23
20	1508	1529	1497	1530	1520	1391	1273	1374	10- 20	432.8	586.7	12.3,12.3
30	1339	1295	1198	1293	1361	1118	1085	1109	20- 30	618.0	1205	25.3,25.3
40	1071	1000	1050	994.9	1112	881.9	923.0	889.2	30- 40	693.1	1898	39.8,39.8
50	741.9	773.1	896.1	779.8	784.5	720.2	845.6	717.9	40- 50	681.1	2579	54.1,54.1
60	429.5	590.5	827.0	599.0	451.0	537.9	768.4	556.3	50- 60	609.0	3188	66.9,66.9
70	214.9	449.6	726.4	478.0	210.9	427.6	596.0	447.0	60- 70	511.7	3700	77.6,77.6
80	115.6	353.0	510.4	386.0	110.2	302.4	332.0	312.1	70- 80	395.3	4095	85.9,85.9
90	3.537	206.3	247.1	215.2	0.2975	154.0	146.7	165.4	80- 90	237.0	4332	90.9,90.9
100	0.5705	128.9	130.9	128.3	2.521	107.6	116.1	112.8	90-100	121.8	4454	93.4,93.4
110	0.4111	101.3	118.8	105.4	3.761	92.03	117.5	95.12	100-110	91.15	4545	95.3,95.3
120	0.5372	87.38	118.3	93.28	5.121	76.46	112.0	80.61	110-120	77.12	4622	96.9,96.9
130	1.046	71.55	106.1	75.43	5.797	58.66	91.44	62.86	120-130	60.21	4682	98.2,98.2
140	2.692	55.47	83.11	57.92	6.345	39.74	67.99	46.99	130-140	41.23	4723	99.1,99.1
150	4.607	41.23	61.01	41.83	6.799	25.72	47.97	35.81	140-150	25.17	4749	99.6,99.6
160	5.489	30.16	40.84	30.32	6.509	13.04	28.40	24.25	150-160	13.17	4762	99.9,99.9
170	5.570	18.70	24.36	16.14	5.814	3.527	12.85	13.42	160-170	5.204	4767	100,100
180	6.445	5.998	2.737	5.933	6.441	6.269	4.421	5.533	170-180	0.9329	4768	100,100
DEG	LUMINOUS INTENSITY:cd Less than 25% Percent = 13.2 %									UNIT:lm		

Conical surface Flux(90deg): 2245.2 lm

%lum = 47.1%
 %lamp = 47.1%

Conical surface Flux(120deg): 3187.9 lm

%lum = 66.9%
 %lamp = 66.9%

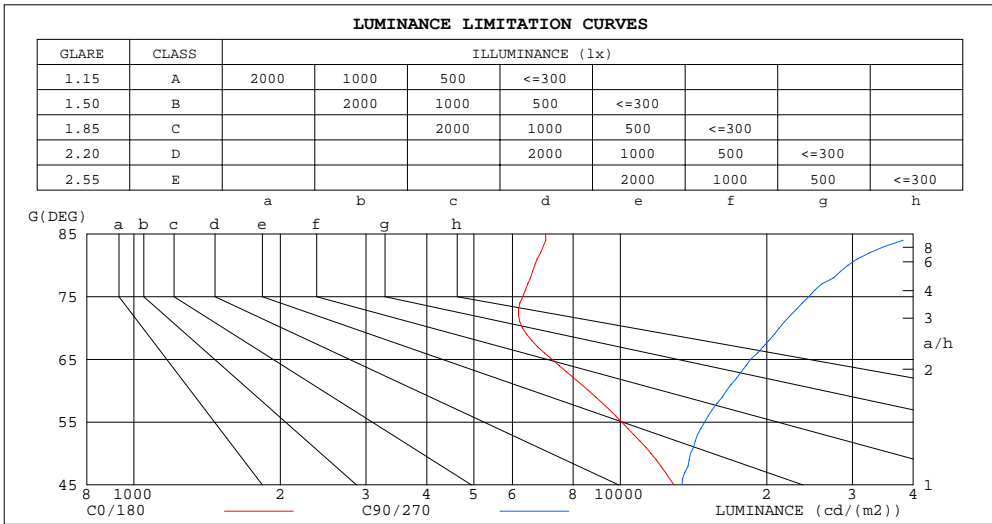
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: 10.0deg/s
 Temperature:25.3DEG
 Operators:Hexy
 Test Date:2016-07-14

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:47%
 Test Distance:2.437m [K=1.0000]
 Remarks:

Date:	_____
Project:	_____
Price:	_____

LUMINANCE LIMITATION CURVES

Test:U:120.1V I:0.3146A P:37.41W PF:0.9906 Lamp Flux:4767.87x1 lm		
NAME: Direct Linear Ambient Luminaires	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	7018	42752
80	6666	29382
75	6297	24413
70	6290	21229
65	7241	18529
60	8600	16532
55	10058	14905
50	11556	13935
45	12887	13389

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: 10.0deg/s
 Temperature:25.3DEG
 Operators:Hexy
 Test Date:2016-07-14

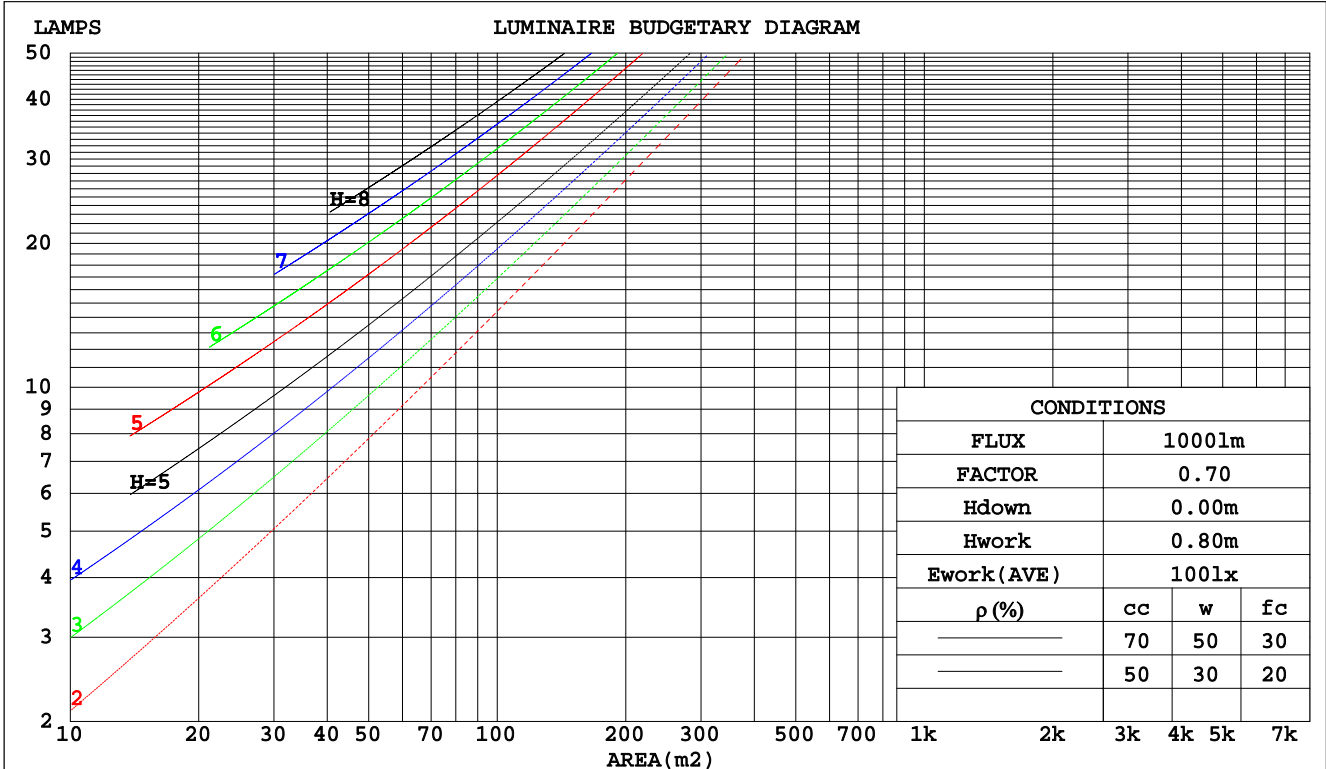
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:47%
 Test Distance:2.437m [K=1.0000]
 Remarks:

Date:	_____
Project:	_____
Price:	_____

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.1V I:0.3146A P:37.41W PF:0.9906 Lamp Flux:4767.87x1 lm		
NAME: Direct Linear Ambient Luminaires	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	1.06	1.06	1.06	.00	.00	.00	.94	.94	.94	.91
1.0	.00	.95	.91	.97	.92	.88	.91	.87	.84	.85	.82	.80	.80	.78	.76	.73
2.0	.87	.79	.73	.84	.77	.72	.79	.73	.69	.74	.70	.66	.70	.66	.63	.60
3.0	.76	.68	.61	.74	.66	.60	.69	.63	.57	.65	.60	.55	.62	.57	.53	.51
4.0	.67	.58	.52	.65	.57	.51	.62	.55	.49	.58	.52	.47	.55	.50	.46	.43
5.0	.60	.51	.44	.59	.50	.44	.55	.48	.43	.52	.46	.41	.50	.44	.40	.38
6.0	.54	.45	.39	.53	.45	.38	.50	.43	.37	.48	.41	.36	.45	.40	.35	.33
7.0	.49	.41	.34	.48	.40	.34	.46	.38	.33	.44	.37	.32	.41	.36	.31	.29
8.0	.45	.37	.31	.44	.36	.30	.42	.35	.30	.40	.34	.29	.38	.33	.28	.26
9.0	.41	.33	.28	.41	.33	.28	.39	.32	.27	.37	.31	.26	.35	.30	.26	.24
10.0	.38	.31	.25	.37	.30	.25	.36	.29	.24	.34	.28	.24	.33	.27	.23	.22



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: 10.0deg/s
 Temperature:25.3DEG
 Operators:Hexy
 Test Date:2016-07-14

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:47%
 Test Distance:2.437m [K=1.0000]
 Remarks:

Date:	_____
Project:	_____
Price:	_____

WEC AND CCEC

Test:U:120.1V I:0.3146A P:37.41W PF:0.9906 Lamp Flux:4767.87x1 lm		
NAME: Direct Linear Ambient Luminaires	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	.344	.196	.062	.334	.191	.061	.316	.181	.058	.298	.172	.055	.283	.164	.053	
2.0	.307	.168	.052	.298	.164	.051	.282	.157	.049	.266	.149	.047	.252	.143	.045	
3.0	.277	.148	.044	.269	.144	.043	.255	.138	.042	.241	.132	.040	.228	.126	.039	
4.0	.252	.131	.039	.245	.128	.038	.232	.123	.037	.219	.118	.036	.208	.113	.034	
5.0	.231	.118	.034	.225	.115	.034	.213	.111	.033	.202	.106	.032	.191	.102	.031	
6.0	.213	.107	.031	.207	.105	.030	.196	.101	.029	.186	.097	.028	.177	.093	.028	
7.0	.198	.098	.028	.192	.096	.027	.182	.092	.027	.173	.089	.026	.164	.085	.025	
8.0	.184	.090	.025	.179	.088	.025	.170	.085	.024	.162	.082	.024	.154	.079	.023	
9.0	.172	.083	.023	.168	.082	.023	.160	.079	.022	.152	.076	.022	.144	.073	.021	
10.0	.162	.077	.021	.158	.076	.021	.150	.073	.021	.143	.071	.020	.136	.068	.020	

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	.260	.260	.260	.222	.222	.222	.152	.152	.152	.087	.087	.087	.028	.028	.028	
1.0	.253	.226	.202	.216	.194	.174	.148	.133	.120	.085	.077	.070	.027	.025	.023	
2.0	.245	.203	.167	.210	.174	.144	.144	.121	.101	.083	.070	.059	.027	.023	.019	
3.0	.237	.185	.144	.203	.160	.125	.139	.111	.088	.081	.065	.052	.026	.021	.017	
4.0	.229	.172	.129	.197	.149	.112	.135	.104	.079	.078	.061	.047	.025	.020	.015	
5.0	.221	.162	.119	.190	.140	.103	.131	.098	.073	.076	.058	.043	.024	.019	.014	
6.0	.214	.154	.111	.184	.133	.097	.127	.093	.068	.074	.055	.041	.024	.018	.013	
7.0	.207	.147	.105	.178	.128	.092	.123	.089	.065	.071	.053	.039	.023	.017	.013	
8.0	.200	.142	.101	.173	.123	.088	.119	.086	.063	.069	.051	.037	.022	.017	.012	
9.0	.194	.137	.098	.167	.119	.085	.116	.083	.061	.068	.049	.036	.022	.016	.012	
10.0	.189	.132	.095	.163	.115	.083	.113	.081	.059	.066	.048	.035	.021	.016	.012	

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: 10.0deg/s
 Temperature:25.3DEG
 Operators:Hexy
 Test Date:2016-07-14

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:47%
 Test Distance:2.437m [K=1.0000]
 Remarks:

Date:	_____
Project:	_____
Price:	_____

UGR(Unified Glare Rating) Table

Test:U:120.1V I:0.3146A P:37.41W PF:0.9906 Lamp Flux:4767.87x1 lm										
NAME: Direct Linear Ambient Luminaires					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	19.7	21.1	20.1	21.5	21.9	22.0	23.4	22.4	23.7	24.1
3H	20.6	21.9	21.0	22.3	22.7	24.8	26.1	25.2	26.5	26.9
4H	21.0	22.2	21.4	22.6	23.1	26.2	27.4	26.6	27.8	28.3
6H	21.4	22.6	21.9	23.0	23.5	27.5	28.7	28.0	29.1	29.6
8H	21.6	22.7	22.1	23.2	23.6	28.2	29.3	28.6	29.7	30.2
12H	21.7	22.8	22.2	23.3	23.8	28.8	29.9	29.3	30.3	30.8
4H 2H	20.6	21.9	21.1	22.3	22.7	22.4	23.6	22.8	24.0	24.5
3H	21.8	22.9	22.3	23.3	23.8	25.5	26.6	26.0	27.0	27.5
4H	22.4	23.4	22.9	23.8	24.4	27.1	28.1	27.6	28.6	29.1
6H	22.9	23.8	23.5	24.3	24.9	28.7	29.6	29.3	30.1	30.7
8H	23.2	24.0	23.7	24.5	25.1	29.5	30.3	30.0	30.8	31.4
12H	23.4	24.2	24.0	24.7	25.3	30.2	31.0	30.8	31.5	32.1
8H 4H	23.5	24.4	24.1	24.9	25.5	27.3	28.2	27.9	28.7	29.3
6H	24.4	25.1	25.0	25.7	26.3	29.3	29.9	29.8	30.5	31.1
8H	24.8	25.4	25.4	26.0	26.6	30.2	30.8	30.8	31.4	32.1
12H	25.2	25.7	25.8	26.3	27.0	31.2	31.8	31.8	32.4	33.0
12H 4H	23.9	24.7	24.5	25.2	25.8	27.3	28.1	27.9	28.6	29.2
6H	25.0	25.6	25.6	26.2	26.9	29.3	30.0	29.9	30.5	31.2
8H	25.6	26.1	26.2	26.7	27.4	30.4	30.9	31.0	31.5	32.2
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.1				
1.5H	+ 0.2 / - 0.2					+ 0.2 / - 0.2				
2.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.3				

CIE Pub.117 Corrected 4768 lm Total Lamp Luminous Flux.(8log(F/F0) = 5.4)

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: 10.0deg/s
 Temperature:25.3DEG
 Operators:Hexy
 Test Date:2016-07-14

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:47%
 Test Distance:2.437m [K=1.0000]
 Remarks:

Date:	_____
Project:	_____
Price:	_____

UTILIZATION FACTORS TABLE

Test:U:120.1V I:0.3146A P:37.41W PF:0.9906 Lamp Flux:4767.87x1 lm		
NAME: Direct Linear Ambient Luminaires	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	55	43	36	54	43	36	52	42	36	29
0.80	64	52	45	63	52	44	60	50	44	36
1.00	72	60	52	70	59	52	67	60	51	43
1.25	79	67	60	77	66	59	73	64	58	49
1.50	83	73	65	81	71	64	77	69	63	54
2.00	90	81	73	88	79	72	83	76	70	60
2.50	94	85	79	91	83	77	86	80	75	64
3.00	98	90	83	95	88	82	89	84	79	68
4.00	102	95	90	99	93	88	93	88	84	72
5.00	104	99	94	101	96	92	95	91	87	75
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

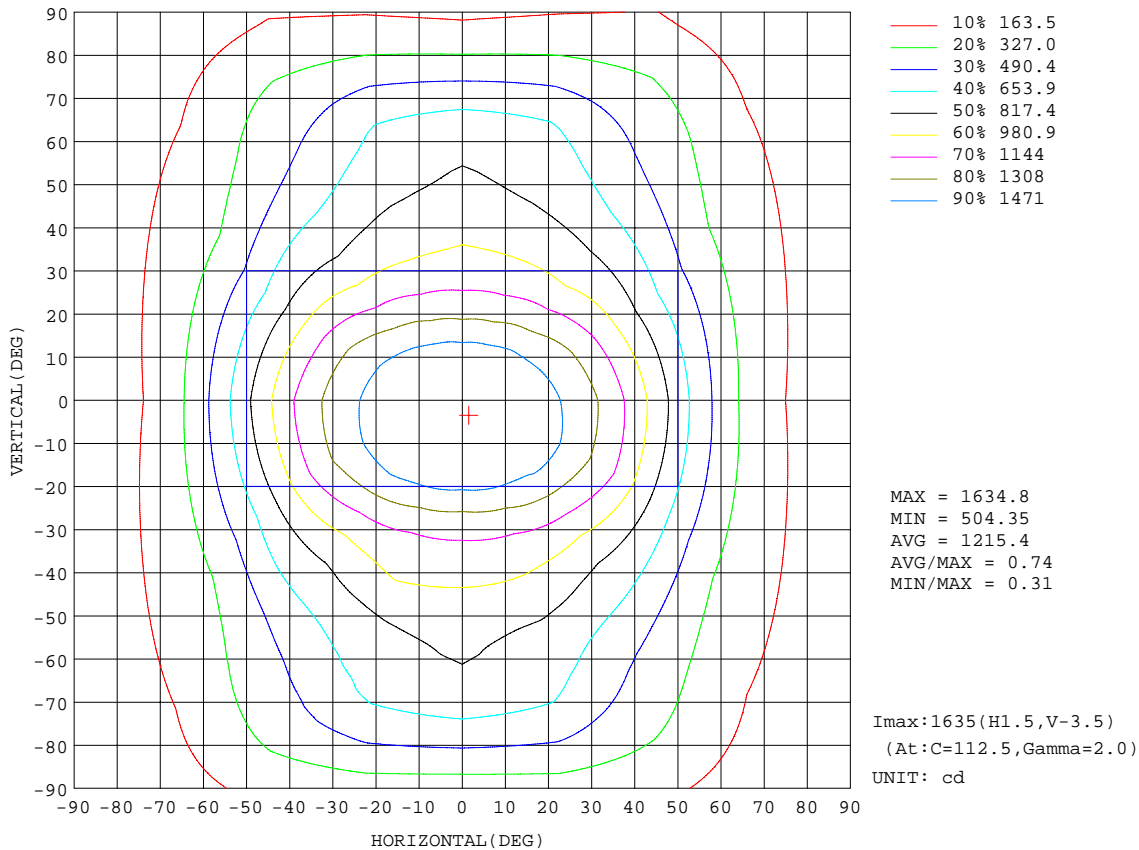
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 C Interval: 22.5DEG
 Test Speed: 10.0deg/s
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 Operators:Hexy
 Test Date:2016-07-14

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:47%
 Test Distance:2.437m [K=1.0000]
 Remarks:

Date:	_____
Project:	_____
Price:	_____

ISOCANDELA DIAGRAM

Test:U:120.1V I:0.3146A P:37.41W PF:0.9906 Lamp Flux:4767.87x1 lm		
NAME: Direct Linear Ambient Luminaires	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.:	SUR.:N/A	Shielding Angle:N/A



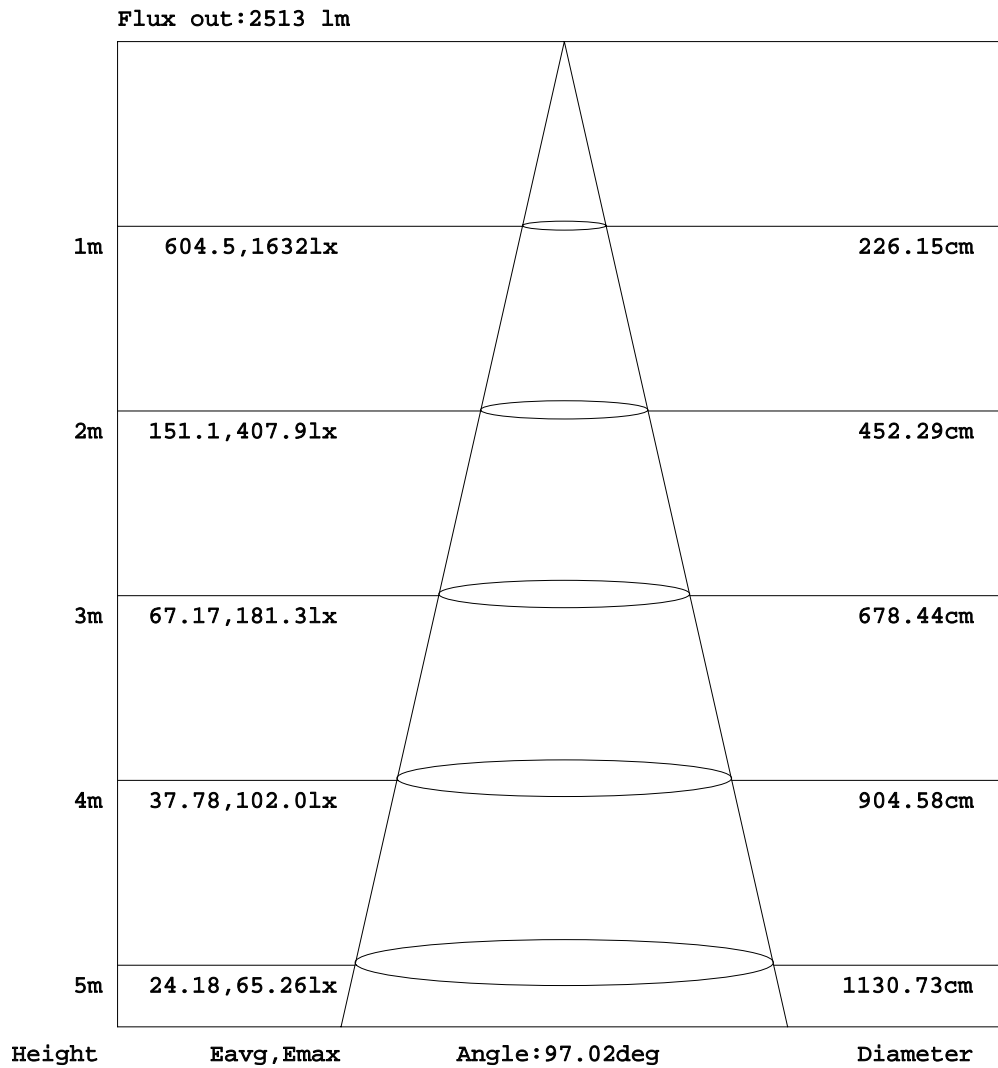
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: 10.0deg/s
 Temperature:25.3DEG
 Operators:Hexy
 Test Date:2016-07-14

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:47%
 Test Distance:2.437m [K=1.0000]
 Remarks:

Date:	_____
Project:	_____
Price:	_____

AAI Figure

Test:U:120.1V I:0.3146A P:37.41W PF:0.9906 Lamp Flux:4767.87x1 lm		
NAME: Direct Linear Ambient Luminaires	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.

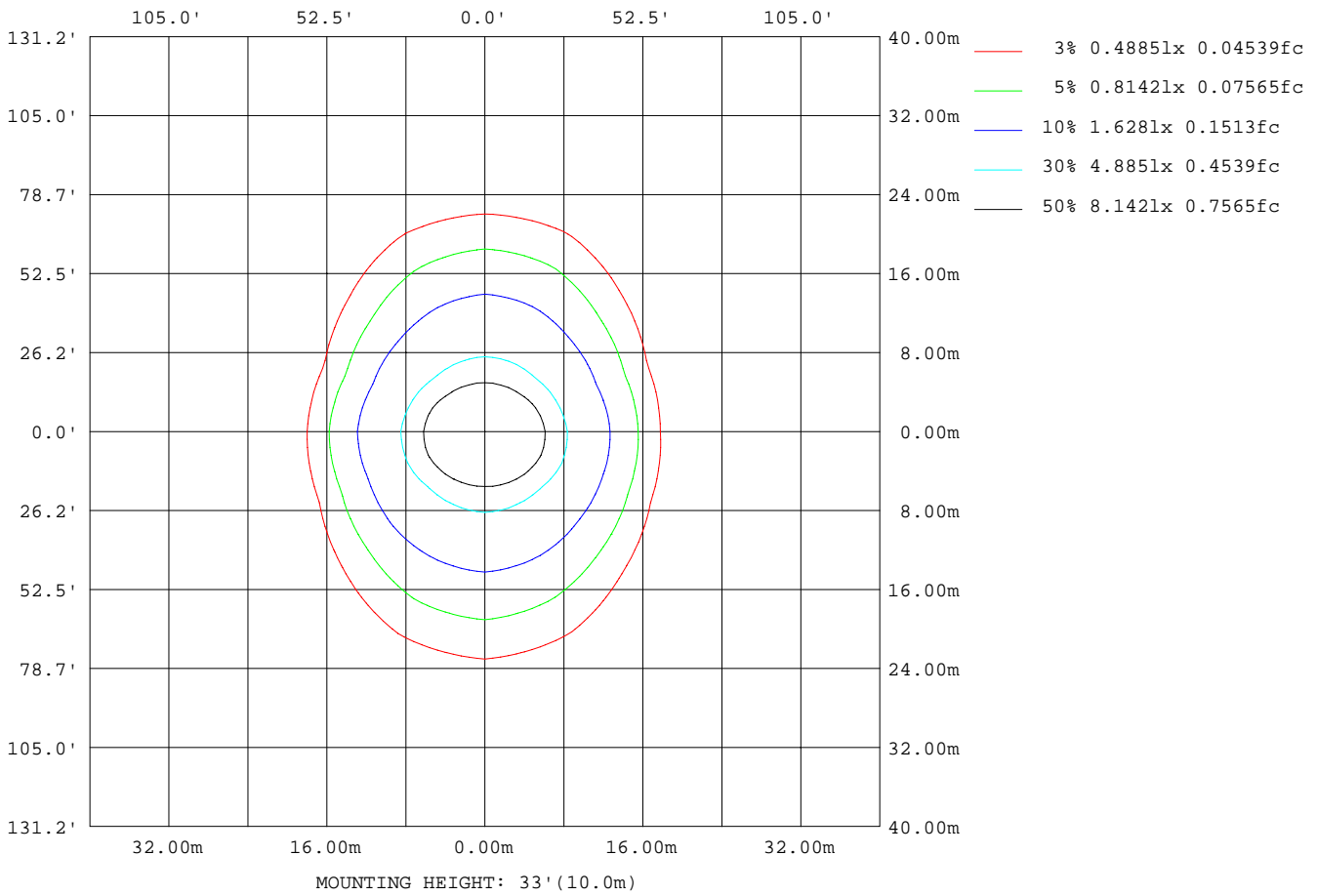
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: 10.0deg/s
 Temperature: 25.3DEG
 Operators: Hexy
 Test Date: 2016-07-14

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity: 47%
 Test Distance: 2.437m [K=1.0000]
 Remarks:

Date:	_____
Project:	_____
Price:	_____

ISOLUX DIAGRAM

Test:U:120.1V I:0.3146A P:37.41W PF:0.9906 Lamp Flux:4767.87x1 lm		
NAME: Direct Linear Ambient Luminaires	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:Hexy
 Test Date:2016-07-14

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:47%
 Test Distance:2.437m [K=1.0000]
 Remarks:

Date:	_____
Project:	_____
Price:	_____

LED Avg.L Report

Test:U:120.1V I:0.3146A P:37.41W PF:0.9906 Lamp Flux:4767.87x1 lm		
NAME: Direct Linear Ambient Luminaires	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	7324
L_0~180 (75) av	6110
L_0~180 (85) av	6941
L_90~270 (65) av	17564
L_90~270 (75) av	21187
L_90~270 (85) av	33708
L_45 (65) av	11960
L_45 (75) av	15565
L_45 (85) av	29612

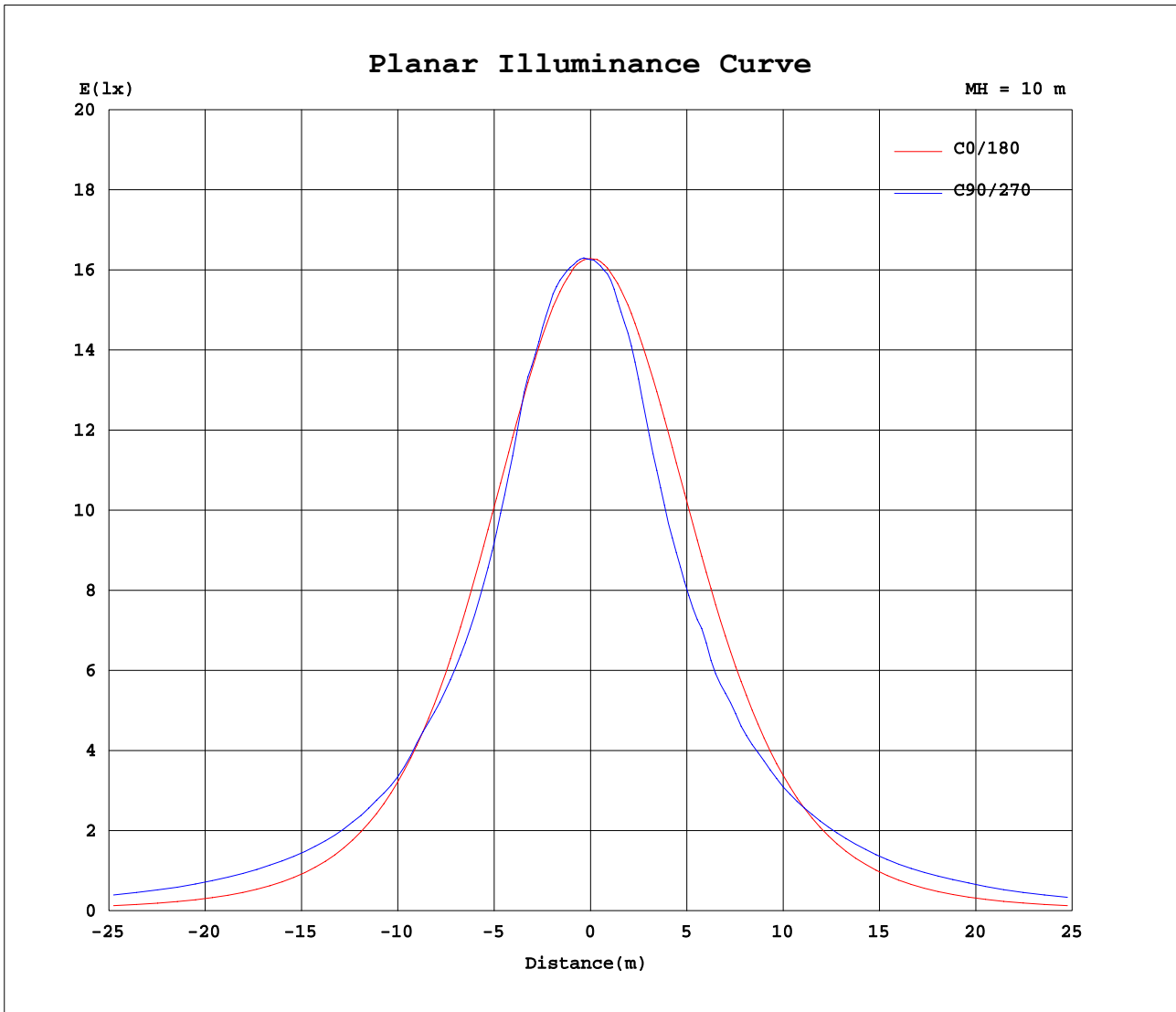
Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
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 Test Date:2016-07-14

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:47%
 Test Distance:2.437m [K=1.0000]
 Remarks:

Date:	_____
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Planar Illuminance Curve



C Range: 0 - 360DEG
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 Temperature: 25.3DEG
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 Test Date: 2016-07-14

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity: 47%
 Test Distance: 2.437m [K=1.0000]
 Remarks:

Date:	_____
Project:	_____
Price:	_____

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.1V I:0.3146A P:37.41W PF:0.9906 Lamp Flux:4767.87x1 lm		
NAME: Direct Linear Ambient Luminaires	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	1627	1627	1627	1627	1627	1627	1627	1627	1627	1627	1627	1627	1627	1627	1627	1627			
5	1621	1628	1631	1632	1633	1629	1633	1630	1622	1617	1609	1607	1609	1608	1612	1614			
10	1597	1611	1619	1631	1633	1633	1621	1611	1601	1589	1574	1547	1538	1541	1564	1590			
15	1561	1582	1597	1584	1578	1583	1600	1585	1568	1552	1502	1448	1421	1441	1498	1536			
20	1508	1534	1529	1526	1497	1520	1530	1544	1520	1481	1391	1301	1273	1295	1374	1459			
25	1433	1466	1453	1362	1335	1361	1446	1472	1450	1392	1252	1170	1154	1168	1240	1370			
30	1339	1359	1295	1217	1198	1212	1293	1376	1361	1275	1118	1068	1085	1067	1109	1243			
35	1215	1243	1148	1100	1105	1096	1135	1257	1246	1136	992	967	989	979	985	1105			
40	1071	1096	1000	1017	1050	1014	995	1101	1112	980	882	922	923	913	889	953			
45	910	925	872	940	947	958	872	924	955	825	775	846	875	854	806	801			
50	742	754	773	868	896	870	780	752	785	673	720	787	846	797	718	663			
55	576	600	691	788	855	801	717	599	613	533	608	746	813	761	627	538			
60	430	467	591	745	827	763	599	466	451	412	538	703	768	723	556	428			
65	306	357	515	712	783	724	533	353	313	311	477	660	701	676	496	335			
70	215	273	450	669	726	680	478	271	211	244	428	576	596	581	447	267			
75	163	217	401	592	632	605	440	223	153	198	380	466	465	467	391	217			
80	116	174	353	491	510	497	386	184	110	158	302	345	332	344	312	174			
85	61.1	133	282	369	373	369	306	144	59.9	111	216	231	215	233	228	126			
90	3.54	82.0	206	256	247	249	215	94.3	0.30	69.2	154	158	147	160	165	82.9			
95	0.65	67.3	156	174	164	167	157	76.0	1.43	60.3	124	130	122	130	133	72.6			
100	0.57	61.9	129	138	131	134	128	68.7	2.52	53.6	108	119	116	119	113	64.2			
105	0.43	56.8	112	123	120	122	114	63.1	3.31	48.8	98.8	116	116	116	102	56.9			
110	0.41	51.1	101	119	119	119	105	57.1	3.76	43.6	92.0	114	118	115	95.1	50.1			
115	0.46	46.0	94.1	117	119	117	99.7	51.7	4.47	38.4	85.0	111	117	112	88.4	44.1			
120	0.54	41.3	87.4	113	118	114	93.3	46.4	5.12	31.7	76.5	105	112	106	80.6	38.8			
125	0.68	37.0	79.9	107	114	109	84.9	41.3	5.56	27.8	67.7	95.2	103	96.2	71.6	33.7			
130	1.05	33.3	71.5	97.9	106	100	75.4	36.6	5.80	24.5	58.7	83.2	91.4	84.9	62.9	29.4			
135	1.70	30.5	63.3	86.7	95.4	88.7	66.4	32.7	6.04	22.1	49.7	71.4	79.2	73.7	54.5	25.8			
140	2.69	28.0	55.5	75.9	83.1	76.9	57.9	29.8	6.34	19.1	39.7	60.8	68.0	63.9	47.0	22.4			
145	3.79	25.9	47.8	65.7	71.3	66.2	49.4	27.3	6.74	15.4	32.0	50.7	58.0	55.0	40.8	19.9			
150	4.61	23.7	41.2	55.9	61.0	56.4	41.8	24.7	6.80	10.9	25.7	39.1	48.0	46.3	35.8	18.6			
155	5.17	21.2	35.5	46.4	50.7	46.6	35.6	21.7	6.76	5.64	19.2	30.5	37.2	38.1	30.8	18.3			
160	5.49	19.1	30.2	37.9	40.8	37.9	30.3	18.5	6.51	1.80	13.0	22.2	28.4	29.2	24.2	17.5			
165	5.50	16.5	24.5	30.3	32.1	30.4	23.2	14.8	6.11	4.43	7.52	15.1	20.2	21.4	19.5	14.4			
170	5.57	13.3	18.7	23.0	24.4	22.3	16.1	11.9	5.81	5.39	3.53	8.23	12.9	14.9	13.4	9.41			
175	5.97	8.82	12.6	14.7	16.3	11.9	11.6	9.59	6.04	5.99	3.02	3.20	4.34	6.31	5.51	3.50			
180	6.45	6.29	6.00	5.43	2.74	5.28	5.93	6.67	6.44	6.42	6.27	6.03	4.42	0.80	5.53	6.23			

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