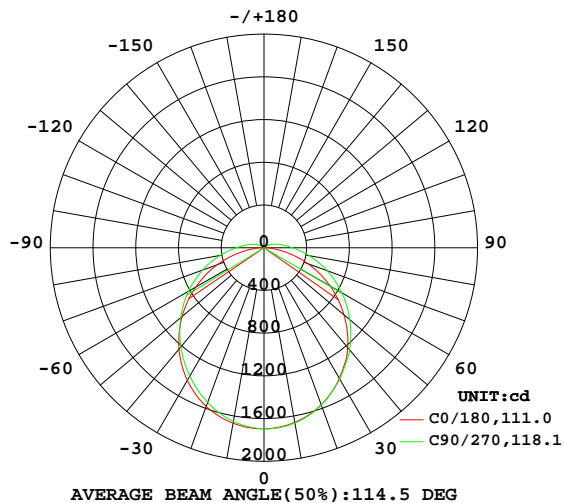


LUMINAIRE PHOTOMETRIC TEST REPORT

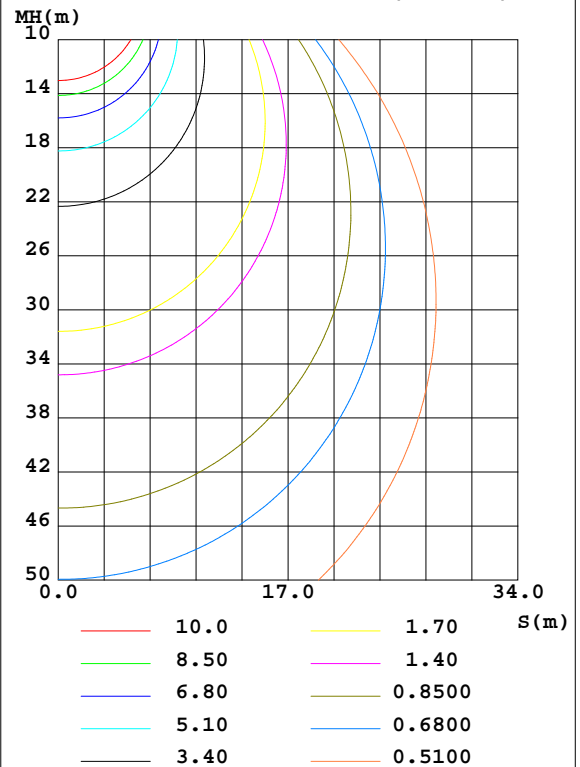
Test:U:120.0V I:0.3096A P:36.96W PF:0.9946 Lamp Flux:5447.09x1 lm		
NAME: Linear_Ambient	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: Best Lighting Products Inc.	SUR.:N/A	Shielding Angle:N/A

DATA OF LAMP		PHOTOMETRIC DATA Eff: 147.38 lm/W			
MODEL	DG3221102-51158E-EE	Imax(cd)	1696	S/MH(C0/180)	1.24
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.24
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	5447.1	η UP,DN(C0-180)	2.5,47.2
NOMINAL FLUX(lm)	5447.09	CIE CLASS	DIRECT	η UP,DN(C180-360)	2.5,47.8
LAMPS INSIDE	1	η up(%)	5.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	η down(%)	95.0	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:25.5DEG
 Operators:Carl
 Test Date:2022-11-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:43%
 Test Distance:2.532m [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	1669	1658	1651	1655	1661	1665	1666	1669	0- 10	160.2	160.2	2.94,2.94
20	1581	1558	1542	1550	1564	1568	1567	1576	10- 20	457.0	617.3	11.3,11.3
30	1435	1405	1389	1394	1412	1414	1417	1426	20- 30	688.1	1305	24,24
40	1238	1215	1211	1202	1221	1231	1248	1246	30- 40	827.6	2133	39.2,39.2
50	1001	1000	1018	987.3	978.6	1010	1049	1027	40- 50	864.2	2997	55,55
60	738.5	776.4	816.3	765.8	713.9	781.6	841.3	797.0	50- 60	800.4	3798	69.7,69.7
70	466.1	557.0	613.2	548.9	437.9	553.9	629.6	568.3	60- 70	655.9	4453	81.8,81.8
80	196.1	344.9	416.3	341.2	173.8	343.1	428.4	354.6	70- 80	459.2	4913	90.2,90.2
90	27.69	185.0	259.4	185.5	25.78	184.8	267.5	191.8	80- 90	260.3	5173	95,95
100	15.00	100.7	162.9	102.3	16.23	101.6	168.5	105.5	90-100	140.0	5313	97.5,97.5
110	4.397	47.98	96.14	49.38	5.773	49.94	99.72	52.17	100-110	74.53	5387	98.9,98.9
120	2.321	17.14	50.20	17.99	3.077	18.58	53.28	19.81	110-120	35.27	5423	99.6,99.6
130	2.007	5.946	19.79	6.110	1.790	6.201	21.57	6.253	120-130	13.70	5436	99.8,99.8
140	2.671	4.874	7.482	4.928	1.687	4.369	7.152	4.631	130-140	4.772	5441	99.9,99.9
150	3.569	4.621	6.020	4.605	2.013	3.064	4.929	3.746	140-150	2.739	5444	99.9,99.9
160	4.166	4.569	5.128	4.482	2.417	2.516	3.468	3.259	150-160	1.807	5446	100,100
170	4.039	4.244	4.343	3.966	2.699	2.711	2.819	3.059	160-170	1.026	5447	100,100
180	3.580	3.501	2.964	3.420	3.579	3.545	3.324	3.301	170-180	0.3305	5447	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 2567.2 lm

%lum = 47.1%

%lamp = 47.1%

Conical surface Flux(120deg): 3797.6 lm

%lum = 69.7%

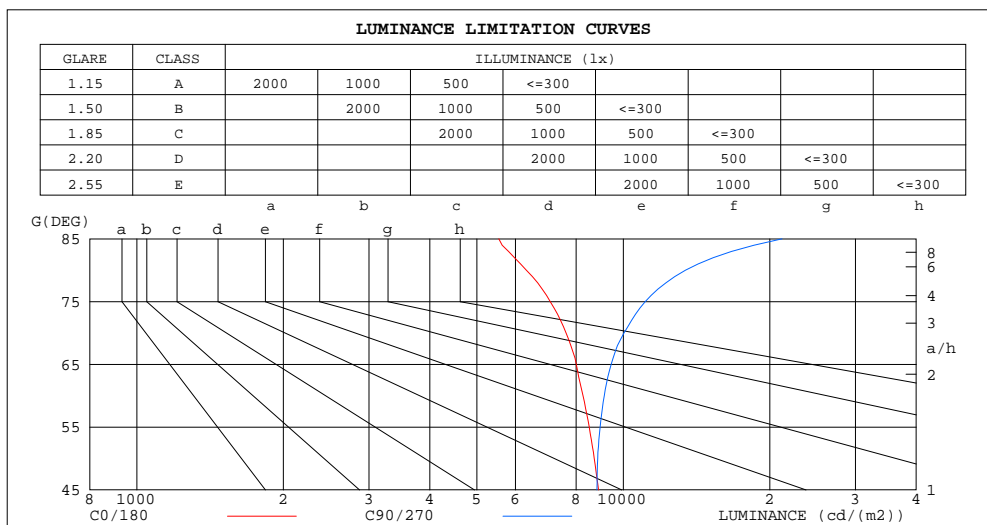
%lamp = 69.7%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.5DEG
 Operators:Carl
 Test Date:2022-11-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:43%
 Test Distance:2.532m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.0V I:0.3096A P:36.96W PF:0.9946 Lamp Flux:5447.09x1 lm		
NAME: Linear_Ambient	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: Best Lighting Products Inc.	SUR.:N/A	Shielding Angle:N/A



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	5545	21192
80	6319	13416
75	7076	11097
70	7626	10033
65	8003	9443
60	8265	9136
55	8510	8959
50	8714	8861
45	8891	8827

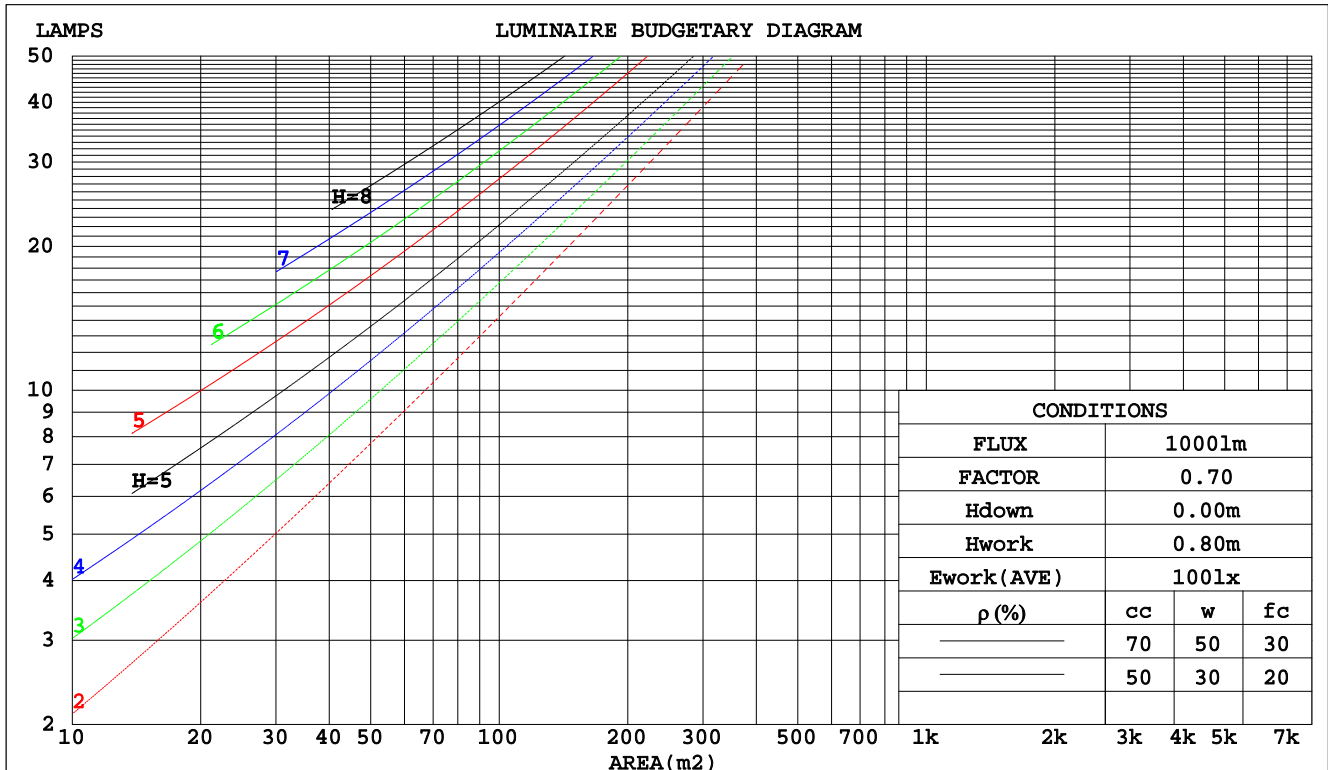
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.5DEG
Operators:Carl
Test Date:2022-11-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity:43%
Test Distance:2.532m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.0V I:0.3096A P:36.96W PF:0.9946 Lamp Flux:5447.09x1 lm		
NAME: Linear_Ambient	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: Best Lighting Products Inc.	SUR.:N/A	Shielding Angle:N/A

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	1.15	1.15	1.15	1.08	1.08	1.08	1.03	1.03	1.03	.97	.97	.97	.95
1.0	1.01	.96	.91	.98	.93	.90	.93	.89	.86	.88	.85	.82	.83	.81	.79	.76
2.0	.87	.80	.73	.85	.78	.72	.80	.75	.70	.76	.71	.67	.72	.69	.65	.63
3.0	.76	.67	.61	.74	.66	.60	.70	.64	.58	.67	.61	.56	.64	.59	.55	.52
4.0	.67	.58	.51	.65	.57	.50	.62	.55	.49	.59	.53	.48	.57	.51	.47	.44
5.0	.60	.51	.44	.58	.50	.43	.56	.48	.42	.53	.47	.41	.51	.45	.40	.38
6.0	.54	.45	.38	.53	.44	.38	.50	.43	.37	.48	.41	.36	.46	.40	.35	.33
7.0	.49	.40	.33	.48	.39	.33	.46	.38	.33	.44	.37	.32	.42	.36	.31	.29
8.0	.44	.36	.30	.43	.35	.30	.42	.34	.29	.40	.33	.29	.39	.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	.36	.29	.24	.34	.28	.23	.33	.27	.23	.21



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.5DEG
 Operators: Carl
 Test Date: 2022-11-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity: 43%
 Test Distance: 2.532m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:120.0V I:0.3096A P:36.96W PF:0.9946 Lamp Flux:5447.09x1 lm					
NAME: Linear_Ambient			TYPE:N/A		WEIGHT:N/A
SPEC.:N/A			DIM.: N/A		SERIAL No.:N/A
MFR.: Best Lighting Products Inc.			SUR.:N/A		Shielding Angle:N/A

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	.348	.198	.063	.339	.193	.061	.323	.185	.059	.308	.178	.057	.294	.170	.055	
2.0	.313	.172	.053	.305	.168	.052	.291	.162	.050	.277	.156	.049	.265	.150	.047	
3.0	.283	.151	.045	.277	.148	.045	.264	.143	.043	.252	.138	.042	.240	.133	.041	
4.0	.258	.134	.039	.252	.132	.039	.241	.128	.038	.230	.123	.037	.220	.119	.036	
5.0	.237	.121	.035	.231	.119	.035	.221	.115	.034	.211	.111	.033	.202	.108	.032	
6.0	.218	.109	.031	.213	.108	.031	.204	.105	.030	.195	.101	.030	.187	.098	.029	
7.0	.202	.100	.028	.198	.099	.028	.189	.096	.028	.181	.093	.027	.174	.090	.027	
8.0	.188	.092	.026	.184	.091	.026	.177	.088	.025	.169	.086	.025	.163	.083	.024	
9.0	.176	.085	.024	.172	.084	.024	.165	.082	.023	.159	.080	.023	.153	.078	.022	
10.0	.165	.079	.022	.162	.078	.022	.155	.076	.021	.149	.074	.021	.144	.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	.229	.229	.229	.196	.196	.196	.133	.133	.133	.077	.077	.077	.025	.025	.025	
1.0	.222	.194	.170	.190	.167	.146	.130	.115	.101	.075	.066	.059	.024	.021	.019	
2.0	.214	.171	.134	.183	.147	.116	.126	.102	.081	.072	.059	.047	.023	.019	.015	
3.0	.206	.154	.112	.177	.132	.097	.121	.092	.068	.070	.054	.040	.023	.017	.013	
4.0	.198	.140	.096	.170	.121	.084	.117	.085	.059	.068	.050	.035	.022	.016	.011	
5.0	.191	.130	.086	.164	.113	.075	.113	.079	.053	.065	.046	.031	.021	.015	.010	
6.0	.183	.122	.078	.158	.106	.068	.109	.074	.048	.063	.044	.029	.020	.014	.009	
7.0	.176	.115	.072	.152	.100	.063	.105	.070	.045	.061	.041	.027	.020	.014	.009	
8.0	.170	.109	.068	.146	.095	.059	.101	.067	.042	.059	.039	.025	.019	.013	.008	
9.0	.164	.105	.065	.141	.091	.057	.098	.064	.040	.057	.038	.024	.018	.012	.008	
10.0	.158	.100	.062	.136	.087	.054	.094	.061	.039	.055	.036	.023	.018	.012	.008	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.5DEG
Operators:Carl
Test Date:2022-11-04

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity:43%
Test Distance:2.532m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.0V I:0.3096A P:36.96W PF:0.9946 Lamp Flux:5447.09x1 lm										
NAME: Linear_Ambient					TYPE:N/A			WEIGHT:N/A		
SPEC.:N/A					DIM.: N/A			SERIAL No.:N/A		
MFR.: Best Lighting Products Inc.					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	19.8	21.3	20.2	21.6	21.9	20.2	21.7	20.5	22.0	22.3
3H	21.4	22.8	21.8	23.1	23.5	22.2	23.6	22.6	23.9	24.3
4H	22.0	23.4	22.4	23.7	24.1	23.3	24.6	23.7	24.9	25.3
6H	22.5	23.8	22.9	24.1	24.5	24.3	25.6	24.7	25.9	26.3
8H	22.7	23.9	23.1	24.2	24.6	24.9	26.1	25.3	26.5	26.9
12H	22.8	23.9	23.2	24.3	24.7	25.5	26.7	25.9	27.1	27.5
4H 2H	20.5	21.9	20.9	22.2	22.6	20.8	22.1	21.2	22.5	22.9
3H	22.3	23.5	22.8	23.9	24.3	23.1	24.2	23.5	24.6	25.0
4H	23.1	24.2	23.6	24.6	25.1	24.3	25.4	24.7	25.8	26.2
6H	23.8	24.7	24.2	25.2	25.6	25.6	26.5	26.0	26.9	27.4
8H	24.0	24.9	24.5	25.3	25.8	26.2	27.1	26.7	27.6	28.1
12H	24.1	25.0	24.6	25.4	26.0	27.0	27.8	27.5	28.3	28.8
8H 4H	23.7	24.5	24.1	25.0	25.5	24.6	25.5	25.1	26.0	26.5
6H	24.5	25.3	25.1	25.8	26.3	26.2	26.9	26.7	27.4	27.9
8H	24.9	25.6	25.4	26.1	26.6	27.0	27.7	27.5	28.2	28.8
12H	25.2	25.8	25.7	26.3	26.9	28.0	28.6	28.5	29.1	29.7
12H 4H	23.8	24.6	24.3	25.1	25.6	24.7	25.5	25.2	26.0	26.5
6H	24.8	25.4	25.3	26.0	26.5	26.3	26.9	26.8	27.5	28.0
8H	25.2	25.8	25.8	26.4	26.9	27.2	27.8	27.8	28.3	28.9
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 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117 Corrected 5447 lm Total Lamp Luminous Flux.(8log(F/F0) = 5.9)

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.5DEG
Operators:Carl
Test Date:2022-11-04

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity:43%
Test Distance:2.532m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.0V I:0.3096A P:36.96W PF:0.9946 Lamp Flux:5447.09x1 lm		
NAME: Linear_Ambient	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: Best Lighting Products Inc.	SUR.:N/A	Shielding Angle:N/A

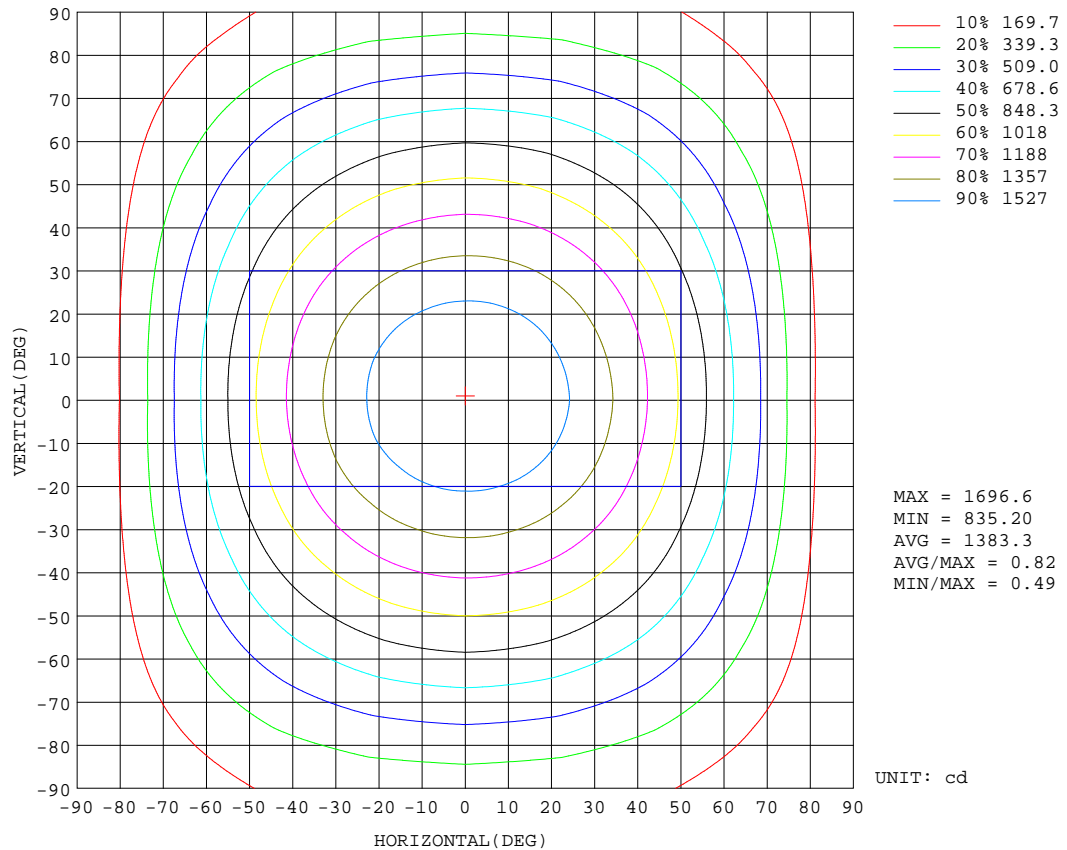
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	54	42	35	53	42	35	52	41	35	28
0.80	64	52	44	63	51	44	61	50	43	36
1.00	72	60	52	71	59	52	68	61	51	44
1.25	79	68	60	77	67	59	74	65	58	50
1.50	84	73	65	82	72	65	78	70	63	55
2.00	91	81	74	89	80	73	85	77	71	62
2.50	95	86	79	93	85	78	88	81	76	66
3.00	98	91	84	96	89	83	91	85	80	70
4.00	103	96	91	100	94	89	95	90	86	75
5.00	105	100	95	103	97	93	97	93	89	78
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:25.5DEG
Operators:Carl
Test Date:2022-11-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity:43%
Test Distance:2.532m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:120.0V I:0.3096A P:36.96W PF:0.9946 Lamp Flux:5447.09x1 lm		
NAME: Linear_Ambient	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: Best Lighting Products Inc.	SUR.:N/A	Shielding Angle:N/A



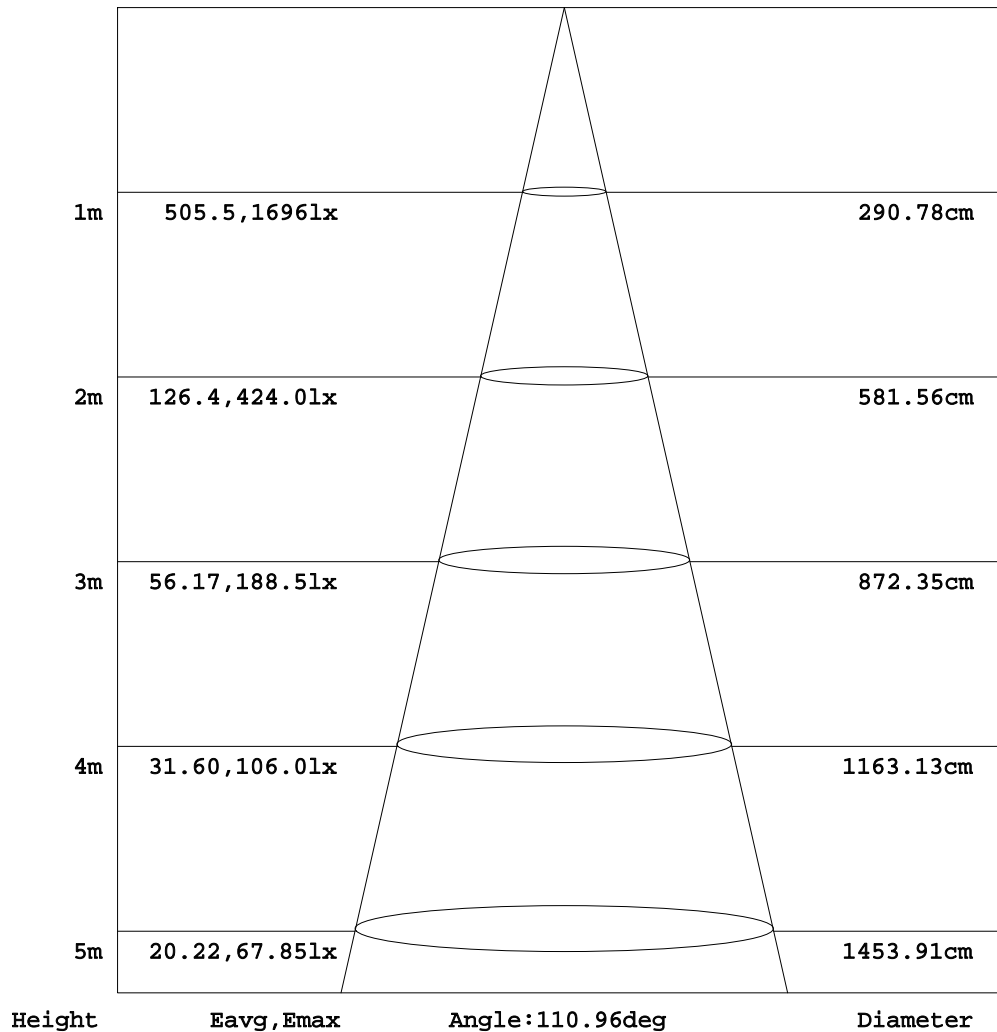
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.5DEG
Operators:Carl
Test Date:2022-11-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity:43%
Test Distance:2.532m [K=1.0000]
Remarks:

AAI Figure

Test:U:120.0V I:0.3096A P:36.96W PF:0.9946 Lamp Flux:5447.09x1 lm		
NAME: Linear_Ambient	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: Best Lighting Products Inc.	SUR.:N/A	Shielding Angle:N/A

Flux out:3491 lm



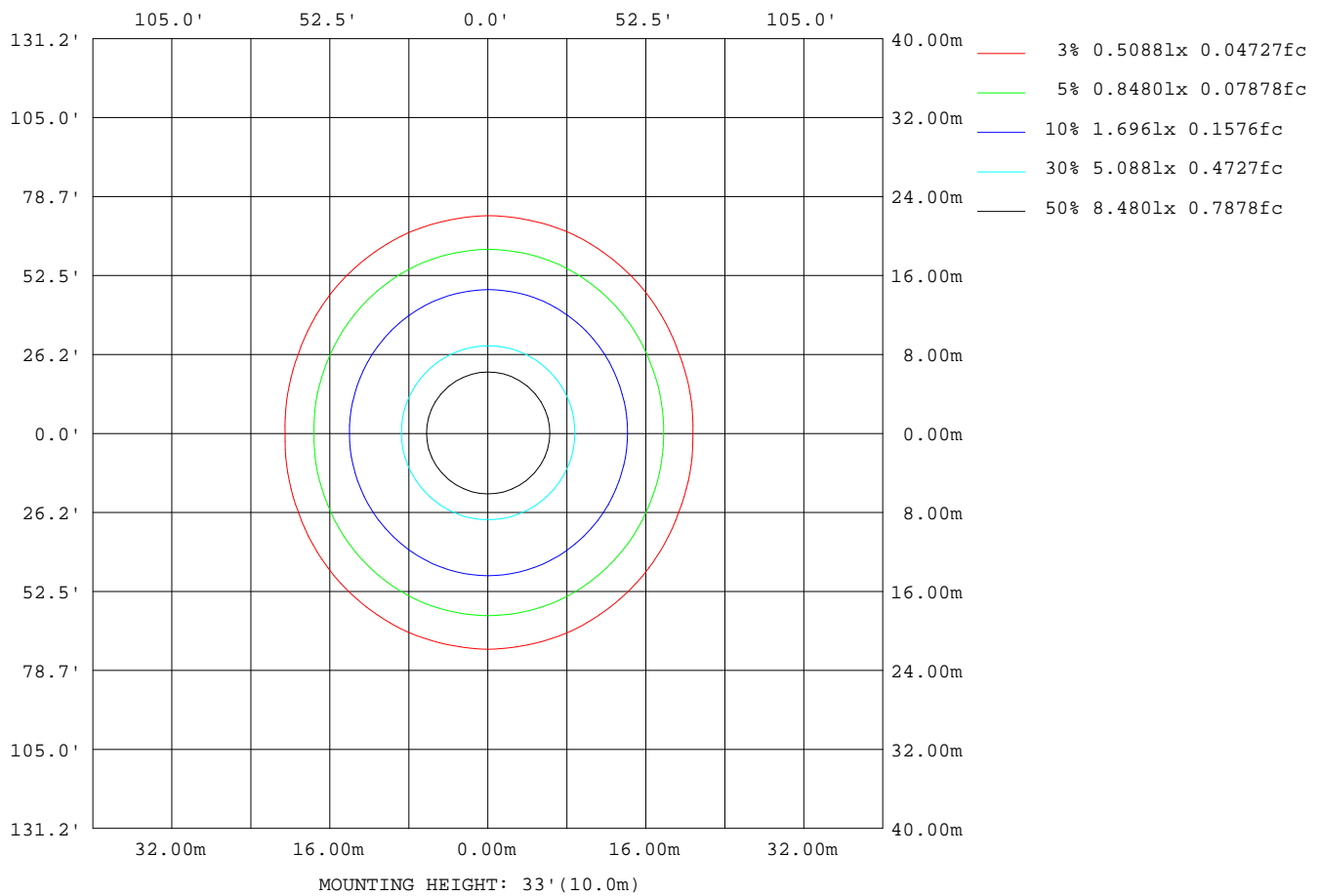
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.5DEG
 Operators: Carl
 Test Date: 2022-11-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity: 43%
 Test Distance: 2.532m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:120.0V I:0.3096A P:36.96W PF:0.9946 Lamp Flux:5447.09x1 lm		
NAME: Linear_Ambient	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: Best Lighting Products Inc.	SUR.:N/A	Shielding Angle:N/A



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.5DEG
Operators:Carl
Test Date:2022-11-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity:43%
Test Distance:2.532m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:120.0V I:0.3096A P:36.96W PF:0.9946 Lamp Flux:5447.09x1 lm		
NAME: Linear_Ambient	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: Best Lighting Products Inc.	SUR.:N/A	Shielding Angle:N/A

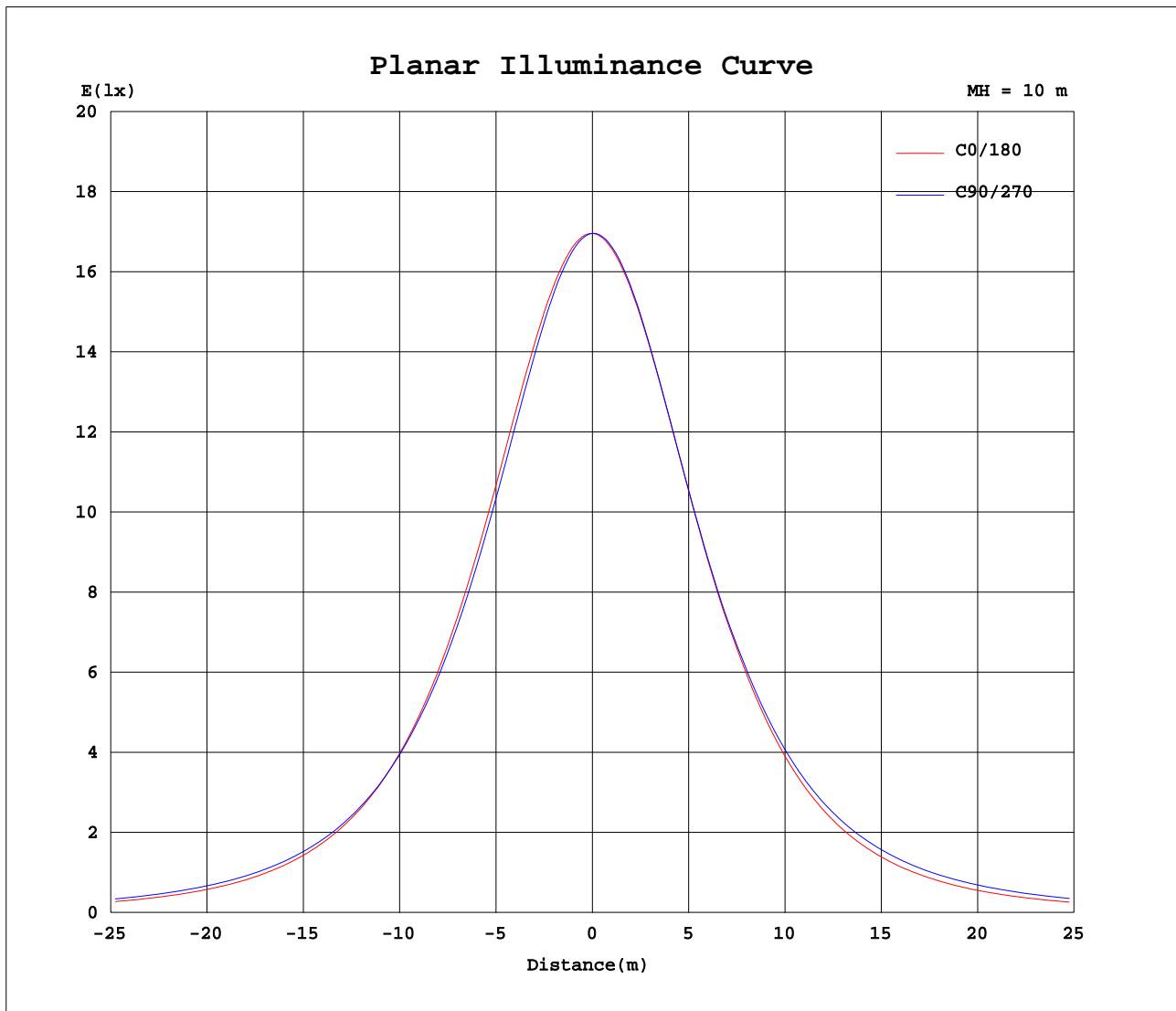
AvgL	cd/m2
L_0~180(65)av	7818
L_0~180(75)av	6797
L_0~180(85)av	5024
L_90~270(65)av	9589
L_90~270(75)av	11237
L_90~270(85)av	21520
L_45(65)av	8828
L_45(75)av	9692
L_45(85)av	16432

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.5DEG
Operators:Carl
Test Date:2022-11-04

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity:43%
Test Distance:2.532m [K=1.0000]
Remarks:

Planar Illuminance Curve



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Test Speed: HIGH
Temperature: 25.5DEG
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γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity: 43%
Test Distance: 2.532m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.0V I:0.3096A P:36.96W PF:0.9946 Lamp Flux:5447.09x1 lm																	
NAME: Linear_Ambient									TYPE:N/A						WEIGHT:N/A		
SPEC.:N/A									DIM.: N/A						SERIAL No.:N/A		
MFR.: Best Lighting Products Inc.									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	1696	1696	1696	1696	1696	1696	1696	1696	1696	1696	1696	1696	1696	1696	1696	1696			
5	1690	1687	1685	1683	1682	1682	1683	1685	1685	1688	1688	1689	1690	1691	1691	1690			
10	1669	1664	1658	1654	1651	1651	1655	1659	1661	1664	1665	1666	1666	1666	1668	1669			
15	1632	1625	1616	1607	1603	1604	1610	1617	1620	1624	1625	1624	1625	1628	1632	1631			
20	1581	1571	1558	1548	1542	1542	1550	1561	1564	1569	1568	1567	1567	1571	1576	1579			
25	1514	1503	1487	1475	1469	1469	1477	1490	1495	1499	1498	1496	1497	1502	1508	1511			
30	1435	1421	1405	1394	1389	1388	1394	1407	1412	1416	1414	1415	1417	1422	1426	1430			
35	1342	1328	1313	1306	1302	1299	1301	1312	1321	1325	1326	1327	1331	1334	1336	1338			
40	1238	1224	1215	1213	1211	1205	1202	1207	1221	1226	1231	1241	1248	1249	1246	1244			
45	1124	1112	1110	1114	1115	1107	1096	1094	1104	1111	1123	1140	1150	1149	1139	1130			
50	1001	994	1000	1014	1018	1006	987	976	979	990	1010	1036	1049	1045	1027	1009			
55	872	871	889	911	918	905	877	854	849	865	897	930	947	939	912	884			
60	739	745	776	806	816	801	766	728	714	736	782	823	841	832	797	755			
65	604	620	664	702	713	696	655	606	577	607	667	715	736	724	682	626			
70	466	496	557	601	613	597	549	483	438	480	554	609	630	617	568	498			
75	327	372	448	498	513	495	442	362	302	359	445	505	527	512	458	375			
80	196	258	345	400	416	398	341	251	174	246	343	406	428	413	355	261			
85	86.4	161	255	312	330	312	253	158	70.2	153	253	318	340	323	263	163			
90	27.7	93.8	185	242	259	242	185	95.0	25.8	89.3	185	246	267	251	192	96.4			
95	20.4	58.9	138	190	206	190	139	61.5	20.7	57.4	138	193	212	197	143	61.7			
100	15.0	35.4	101	147	163	148	102	37.9	16.2	35.8	102	151	168	154	105	38.4			
105	7.17	19.8	71.3	112	126	113	72.8	21.9	7.47	20.9	72.6	115	130	117	75.5	22.2			
110	4.40	10.3	48.0	83.5	96.1	84.3	49.4	11.8	5.77	11.4	49.9	86.4	99.7	87.8	52.2	11.8			
115	3.12	6.68	30.3	59.9	71.3	60.9	31.4	7.74	4.27	7.77	32.1	62.7	74.4	63.9	33.7	7.00			
120	2.32	4.75	17.1	40.7	50.2	41.2	18.0	5.67	3.08	5.75	18.6	43.2	53.3	44.2	19.8	5.10			
125	1.93	3.49	8.60	25.5	33.1	25.9	9.12	4.17	2.21	4.25	9.55	27.5	35.7	28.3	10.2	3.74			
130	2.01	3.03	5.95	14.2	19.8	14.6	6.11	3.27	1.79	3.30	6.20	15.6	21.6	16.1	6.25	3.08			
135	2.28	2.98	5.25	7.96	10.5	8.08	5.36	3.00	1.68	2.61	5.20	8.22	11.7	8.42	5.30	2.80			
140	2.67	3.12	4.87	6.68	7.48	6.75	4.93	3.09	1.69	2.37	4.37	6.29	7.15	6.45	4.63	2.60			
145	3.14	3.42	4.72	6.09	6.66	6.12	4.71	3.37	1.85	2.22	3.66	5.20	5.96	5.52	4.14	2.57			
150	3.57	3.74	4.62	5.62	6.02	5.60	4.60	3.66	2.01	2.14	3.06	4.24	4.93	4.72	3.75	2.59			
155	3.93	4.07	4.60	5.28	5.56	5.26	4.56	3.92	2.22	2.25	2.64	3.55	4.12	4.09	3.50	2.72			
160	4.17	4.27	4.57	4.97	5.13	4.93	4.48	4.06	2.42	2.39	2.52	3.04	3.47	3.54	3.26	2.83			
165	4.18	4.22	4.47	4.62	4.67	4.54	4.18	3.98	2.56	2.57	2.60	2.69	3.05	3.14	3.05	2.90			
170	4.04	4.03	4.24	4.35	4.34	4.18	3.97	3.77	2.70	2.71	2.71	2.77	2.82	3.00	3.06	3.04			
175	3.88	3.82	3.85	3.96	3.88	3.67	3.62	3.64	3.07	3.07	3.04	3.05	2.98	3.14	3.30	3.26			
180	3.58	3.56	3.50	3.37	2.96	3.31	3.42	3.54	3.58	3.57	3.55	3.48	3.32	3.12	3.30	3.44			

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