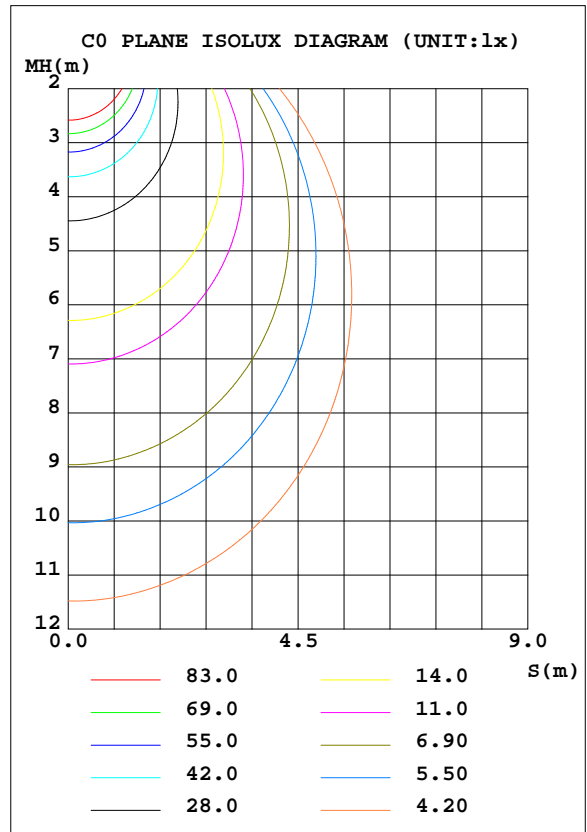
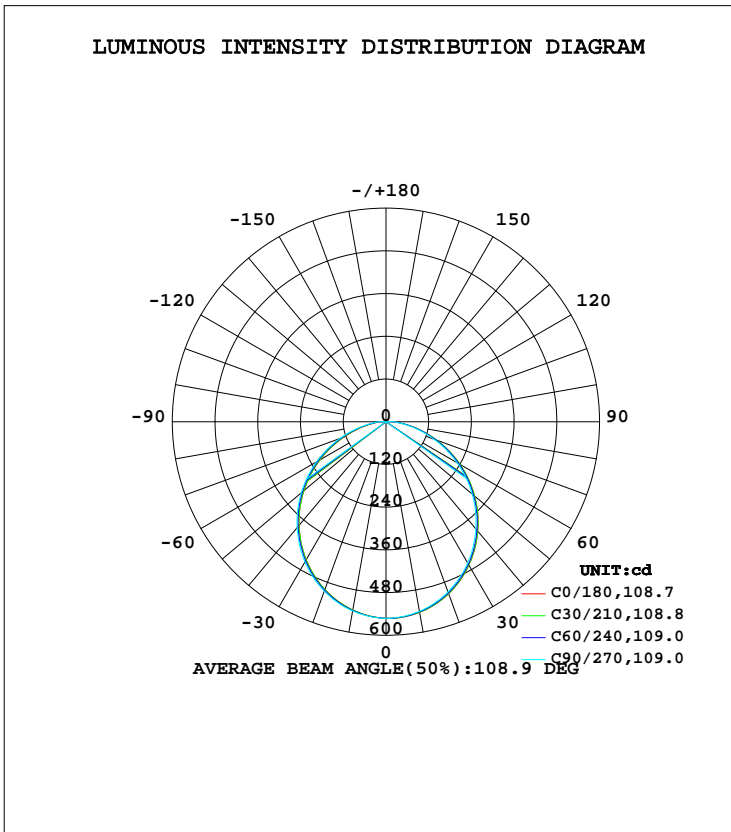


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.24V I:0.0840A P:16.661W PF:0.8613 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00%		
Lamp Flux:1556.24x1 lm		
NAME: BL18W-CC	TYPE: 18W	WEIGHT: 1
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 0.0415	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 93.41 lm/W
MODEL	BL18W-CC	I <sub>max</sub> (cd)	552.7	S/MH(C0/180)	1.21	
NOMINAL POWER(W)	18	LOR(%)	100.0	S/MH(C90/270)	1.23	
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	1556.2	η UP, DN(C0-180)	0.9, 49.7	
NOMINAL FLUX(lm)	1556.24	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.8, 48.6	
LAMPS INSIDE	1	η up(%)	1.7	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)	230	η down(%)	98.3	CIBSE SHR MAX	1.35	



C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2020-04-15

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.426  
 Humidity:65.0%  
 Test Distance:8.690m [K=1.0000]  
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

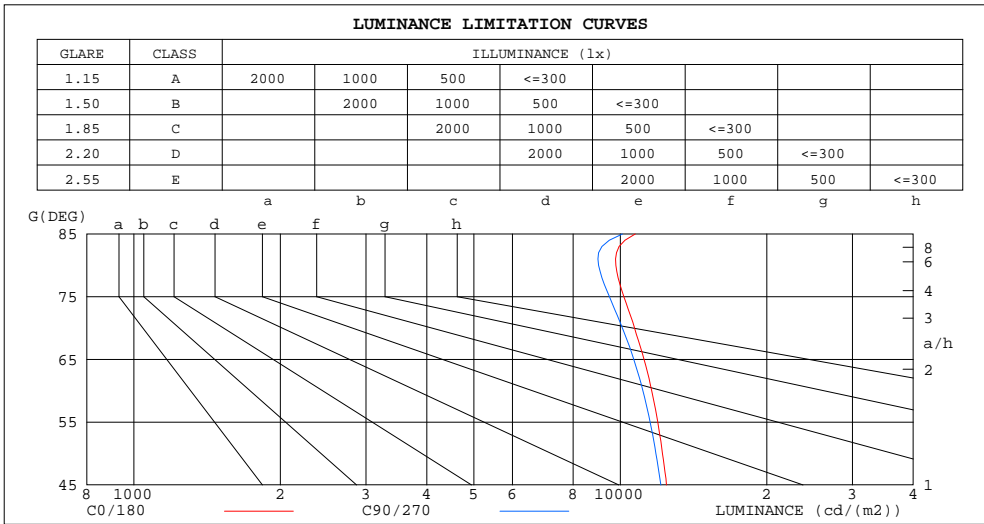
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	$\Phi$ lum, lamp
10	543.7	542.9	540.7	538.3	537.3	537.7	539.8	542.2	0- 10	52.12	52.12	3.35,3.35
20	514.3	512.8	508.9	504.0	501.5	502.7	506.6	511.2	10- 20	148.5	200.6	12.9,12.9
30	465.5	463.7	458.3	451.4	447.9	449.7	454.9	461.4	20- 30	223.1	423.7	27.2,27.2
40	401.2	399.3	392.7	384.1	379.9	382.1	388.6	396.1	30- 40	265.9	689.6	44.3,44.3
50	325.0	323.2	315.9	305.8	300.9	303.7	311.0	319.4	40- 50	272.2	961.8	61.8,61.8
60	240.3	238.8	231.0	219.5	214.0	217.8	226.0	234.3	50- 60	242.3	1204	77.4,77.4
70	151.5	151.0	143.4	131.6	125.8	130.5	138.5	145.9	60- 70	181.6	1386	89,89
80	70.40	70.32	65.06	55.30	50.82	55.07	61.17	66.47	70- 80	104.7	1490	95.8,95.8
90	19.34	20.64	19.37	14.27	13.20	15.39	17.85	17.96	80- 90	39.10	1529	98.3,98.3
100	6.380	2.600	1.871	2.014	5.156	2.032	2.119	2.710	90-100	8.387	1538	98.8,98.8
110	3.381	2.364	2.166	2.100	1.832	2.146	2.209	2.199	100-110	2.219	1540	99,99
120	5.467	3.640	2.360	2.983	4.509	2.540	2.335	3.197	110-120	2.750	1543	99.1,99.1
130	7.700	4.591	3.196	4.272	6.879	4.140	2.864	4.397	120-130	3.649	1546	99.4,99.4
140	7.015	4.480	3.420	4.340	6.803	4.331	3.046	4.277	130-140	3.649	1550	99.6,99.6
150	5.137	3.944	3.944	3.855	4.984	3.821	3.825	3.907	140-150	2.761	1553	99.8,99.8
160	4.381	4.107	3.957	4.025	4.395	4.021	3.926	4.026	150-160	1.837	1555	99.9,99.9
170	4.177	4.136	4.138	4.138	4.158	4.111	4.069	4.101	160-170	1.143	1556	100,100
180	4.283	4.298	4.281	4.297	4.295	4.298	4.269	4.297	170-180	0.4011	1556	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2020-04-15

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.426  
 Humidity:65.0%  
 Test Distance:8.690m [K=1.0000]  
 Remarks:

**LUMINANCE LIMITATION CURVES**

Test:U:230.24V I:0.0840A P:16.661W PF:0.8613 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00%		
Lamp Flux:1556.24x1 lm		
NAME: BL18W-CC	TYPE: 18W	WEIGHT: 1
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 0.0415	Shielding Angle:



LUMINANCE cd/(m2)		
G( DEG)	C0/180	C90/270
85	10730	10097
80	9788	9023
75	10170	9497
70	10695	10099
65	11191	10658
60	11602	11128
55	11936	11517
50	12208	11836
45	12444	12112

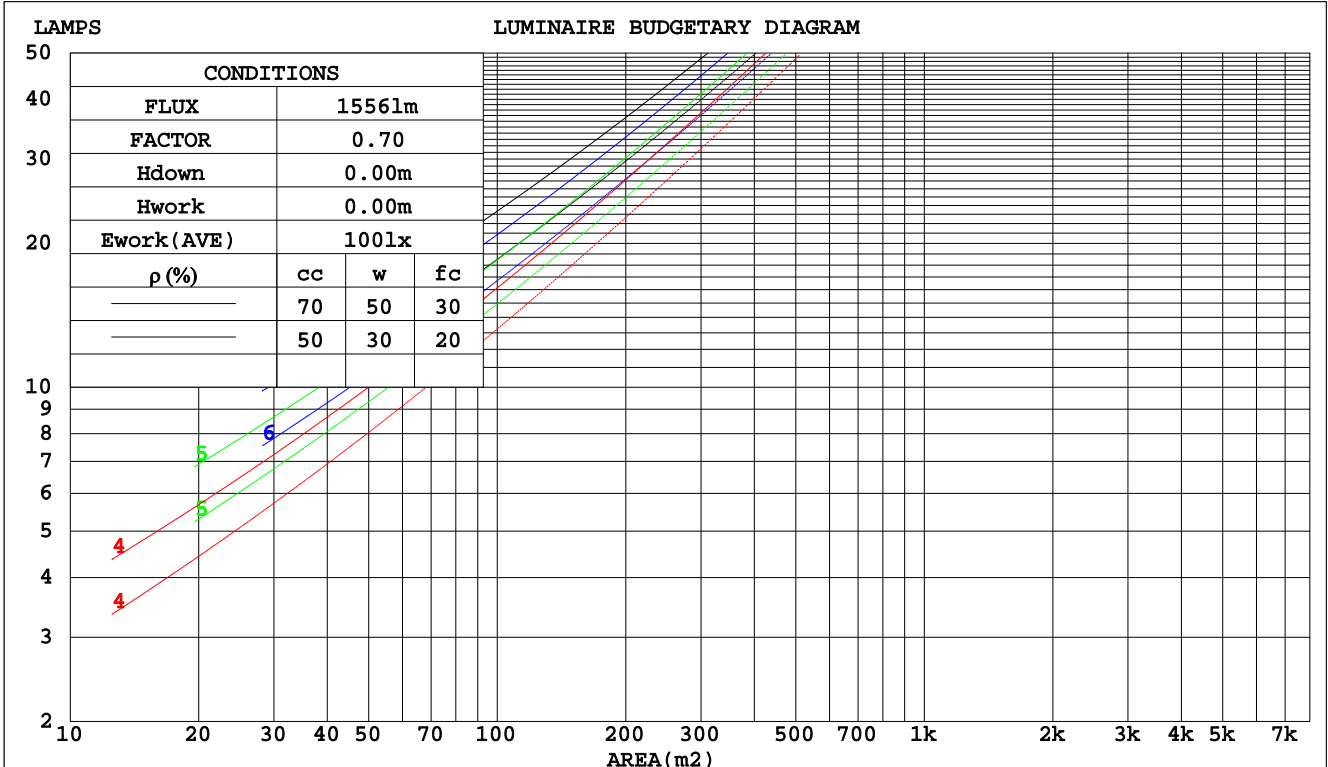
C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2020-04-15

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.426  
 Humidity:65.0%  
 Test Distance:8.690m [K=1.0000]  
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.24V I:0.0840A P:16.661W PF:0.8613 Freq:49.99Hz UTHdi:0.00% ITHdi:0.00%		
Lamp Flux:1556.24x1 lm		
NAME: BL18W-CC	TYPE: 18W	WEIGHT: 1
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 0.0415	Shielding Angle:

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	1.19	1.19	1.19	1.16	1.16	1.16	1.10	1.10	1.10	1.05	1.05	1.05	1.00	1.00	1.00	.98
1.0	1.03	.99	.95	1.01	.97	.93	.96	.93	.90	.92	.89	.87	.88	.86	.84	.82
2.0	.90	.83	.77	.88	.82	.76	.84	.79	.74	.81	.76	.72	.77	.74	.70	.68
3.0	.79	.71	.64	.77	.70	.64	.74	.68	.62	.71	.66	.61	.68	.64	.60	.57
4.0	.70	.61	.55	.69	.60	.54	.66	.59	.53	.63	.57	.52	.61	.56	.51	.49
5.0	.63	.54	.47	.61	.53	.47	.59	.52	.46	.57	.50	.45	.55	.49	.45	.42
6.0	.56	.47	.41	.55	.47	.41	.53	.46	.40	.52	.45	.40	.50	.44	.39	.37
7.0	.51	.42	.36	.50	.42	.36	.49	.41	.36	.47	.40	.35	.45	.39	.35	.33
8.0	.47	.38	.32	.46	.38	.32	.44	.37	.32	.43	.36	.32	.42	.36	.31	.29
9.0	.43	.35	.29	.42	.34	.29	.41	.34	.29	.40	.33	.28	.39	.33	.28	.26
10.0	.40	.32	.26	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.26	.24



C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2020-04-15

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.426  
 Humidity:65.0%  
 Test Distance:8.690m [K=1.0000]  
 Remarks:

WEC AND CCEC

Test:U:230.24V I:0.0840A P:16.661W PF:0.8613 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00%		
Lamp Flux:1556.24x1 lm		
NAME: BL18W-CC	TYPE: 18W	WEIGHT: 1
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 0.0415	Shielding Angle:

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	.313	.178	.056	.306	.174	.055	.291	.167	.053	.278	.160	.051	.266	.154	.050	
2.0	.292	.160	.049	.285	.157	.048	.273	.152	.047	.261	.146	.046	.250	.141	.045	
3.0	.269	.143	.043	.263	.141	.042	.252	.137	.042	.242	.132	.041	.232	.128	.040	
4.0	.248	.129	.038	.243	.127	.038	.233	.123	.037	.224	.120	.036	.215	.117	.036	
5.0	.229	.117	.034	.224	.115	.034	.216	.112	.033	.207	.109	.033	.200	.107	.032	
6.0	.212	.107	.030	.208	.105	.030	.200	.103	.030	.193	.100	.029	.186	.098	.029	
7.0	.198	.098	.028	.194	.097	.028	.187	.094	.027	.180	.092	.027	.174	.090	.027	
8.0	.185	.090	.025	.181	.089	.025	.175	.087	.025	.169	.086	.025	.163	.084	.024	
9.0	.173	.084	.023	.170	.083	.023	.164	.081	.023	.159	.080	.023	.154	.078	.023	
10.0	.163	.078	.022	.160	.077	.022	.155	.076	.021	.150	.074	.021	.145	.073	.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	.204	.204	.204	.174	.174	.174	.119	.119	.119	.068	.068	.068	.022	.022	.022	
1.0	.194	.169	.147	.166	.145	.127	.113	.100	.088	.065	.058	.051	.021	.019	.016	
2.0	.186	.145	.111	.159	.125	.096	.109	.086	.067	.063	.050	.039	.020	.016	.013	
3.0	.178	.128	.088	.152	.110	.076	.105	.077	.053	.060	.045	.031	.019	.015	.010	
4.0	.170	.114	.072	.146	.099	.062	.100	.069	.044	.058	.040	.026	.019	.013	.009	
5.0	.163	.104	.061	.140	.090	.053	.096	.063	.037	.056	.037	.022	.018	.012	.007	
6.0	.155	.096	.053	.134	.083	.046	.092	.058	.033	.053	.034	.019	.017	.011	.006	
7.0	.149	.089	.047	.128	.077	.041	.088	.054	.029	.051	.032	.017	.017	.010	.006	
8.0	.142	.083	.042	.122	.072	.037	.085	.051	.026	.049	.030	.016	.016	.010	.005	
9.0	.136	.078	.039	.117	.068	.034	.081	.048	.024	.047	.028	.014	.015	.009	.005	
10.0	.130	.074	.036	.112	.064	.032	.078	.045	.022	.045	.027	.013	.015	.009	.004	

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2020-04-15

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.426  
 Humidity:65.0%  
 Test Distance:8.690m [K=1.0000]  
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:230.24V I:0.0840A P:16.661W PF:0.8613 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00%		
Lamp Flux:1556.24x1 lm		
NAME: BL18W-CC	TYPE: 18W	WEIGHT: 1
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 0.0415	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	20.0	21.4	20.2	21.7	21.9	19.8	21.3	20.1	21.5	21.8
3H	21.5	22.9	21.8	23.1	23.4	21.3	22.7	21.6	22.9	23.2
4H	22.1	23.4	22.5	23.7	24.0	21.9	23.2	22.2	23.5	23.8
6H	22.6	23.9	23.0	24.2	24.5	22.4	23.6	22.7	23.9	24.2
8H	22.8	24.0	23.2	24.3	24.7	22.5	23.7	22.9	24.0	24.4
12H	23.0	24.1	23.4	24.5	24.8	22.7	23.8	23.1	24.2	24.5
4H 2H	20.5	21.9	20.9	22.1	22.4	20.4	21.7	20.8	22.0	22.3
3H	22.3	23.4	22.7	23.8	24.1	22.1	23.3	22.5	23.6	23.9
4H	23.1	24.1	23.5	24.5	24.8	22.9	23.9	23.3	24.3	24.6
6H	23.7	24.6	24.1	25.0	25.4	23.5	24.4	23.9	24.8	25.2
8H	24.0	24.8	24.4	25.2	25.6	23.7	24.6	24.1	25.0	25.4
12H	24.2	25.0	24.6	25.4	25.8	23.9	24.7	24.4	25.1	25.6
8H 4H	23.3	24.2	23.8	24.6	25.0	23.2	24.0	23.6	24.4	24.8
6H	24.2	24.9	24.6	25.3	25.8	23.9	24.7	24.4	25.1	25.6
8H	24.5	25.2	25.0	25.6	26.1	24.3	24.9	24.8	25.4	25.9
12H	24.9	25.4	25.4	25.9	26.4	24.6	25.2	25.1	25.6	26.2
12H 4H	23.4	24.2	23.8	24.6	25.0	23.2	24.0	23.6	24.4	24.8
6H	24.2	24.9	24.7	25.3	25.8	24.0	24.7	24.5	25.1	25.6
8H	24.7	25.2	25.2	25.7	26.2	24.4	25.0	24.9	25.5	26.0
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.1 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.1 / - 0.3					+ 0.1 / - 0.3				

CIE Pub.117, 1556 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 1.5)  
 Area: 0.0415 m2

C Range: 0 - 360DEG	γ Range: 0 - 180DEG
C Interval: 30.0DEG	γ Interval: 1.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.426
Temperature:25.3DEG	Humidity:65.0%
Operators:	Test Distance:8.690m [K=1.0000]
Test Date:2020-04-15	Remarks:

**UTILIZATION FACTORS TABLE**

Test:U:230.24V I:0.0840A P:16.661W PF:0.8613 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00%		
Lamp Flux:1556.24x1 lm		
NAME: BL18W-CC	TYPE: 18W	WEIGHT: 1
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 0.0415	Shielding Angle:

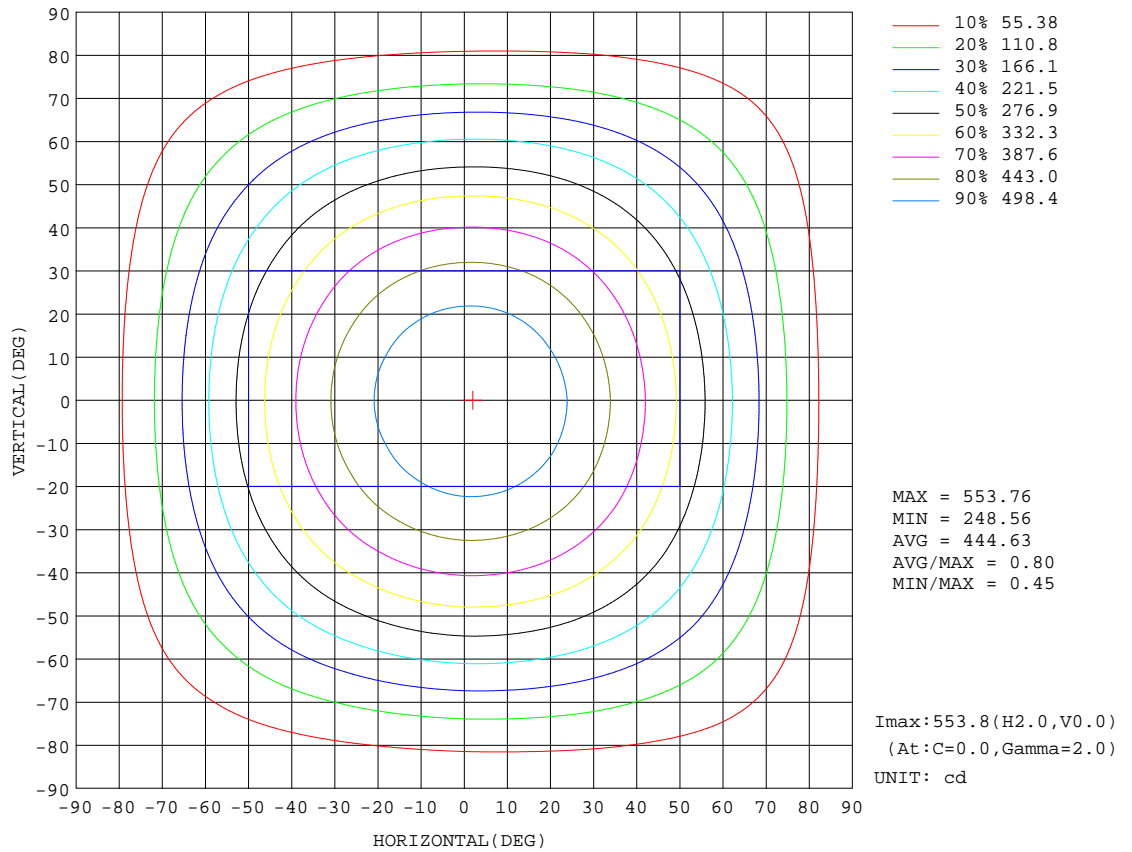
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	57	46	39	56	45	39	55	45	38	32
0.80	67	56	48	66	55	48	64	54	48	41
1.00	76	64	57	74	64	57	72	65	56	49
1.25	83	72	65	81	71	64	78	70	64	56
1.50	88	78	71	86	77	70	83	75	69	61
2.00	94	86	79	92	84	78	89	82	77	69
2.50	98	90	84	96	89	83	92	86	81	73
3.00	102	95	89	99	93	88	95	90	85	77
4.00	106	100	95	103	98	93	99	94	91	81
5.00	108	103	99	105	101	97	101	97	94	84
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2020-04-15

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.426  
 Humidity:65.0%  
 Test Distance:8.690m [K=1.0000]  
 Remarks:

**ISOCANDELA DIAGRAM**

Test:U:230.24V I:0.0840A P:16.661W PF:0.8613 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00%		
Lamp Flux:1556.24x1 lm		
NAME: BL18W-CC	TYPE: 18W	WEIGHT: 1
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 0.0415	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2020-04-15

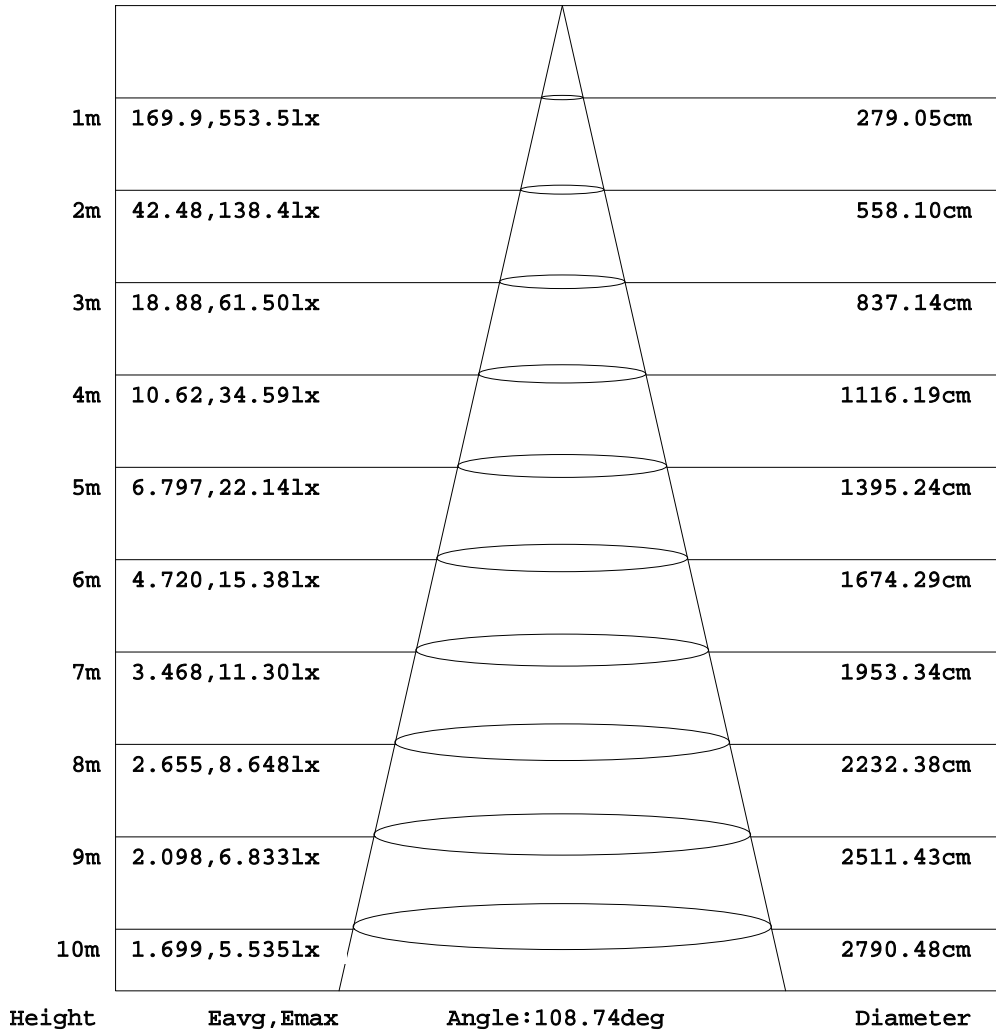
γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.426  
 Humidity:65.0%  
 Test Distance:8.690m [K=1.0000]  
 Remarks:



**AAI Figure**

Test:U:230.24V I:0.0840A P:16.661W PF:0.8613 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00%		
Lamp Flux:1556.24x1 lm		
NAME: BL18W-CC	TYPE: 18W	WEIGHT: 1
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 0.0415	Shielding Angle:

Flux out:1089 lm



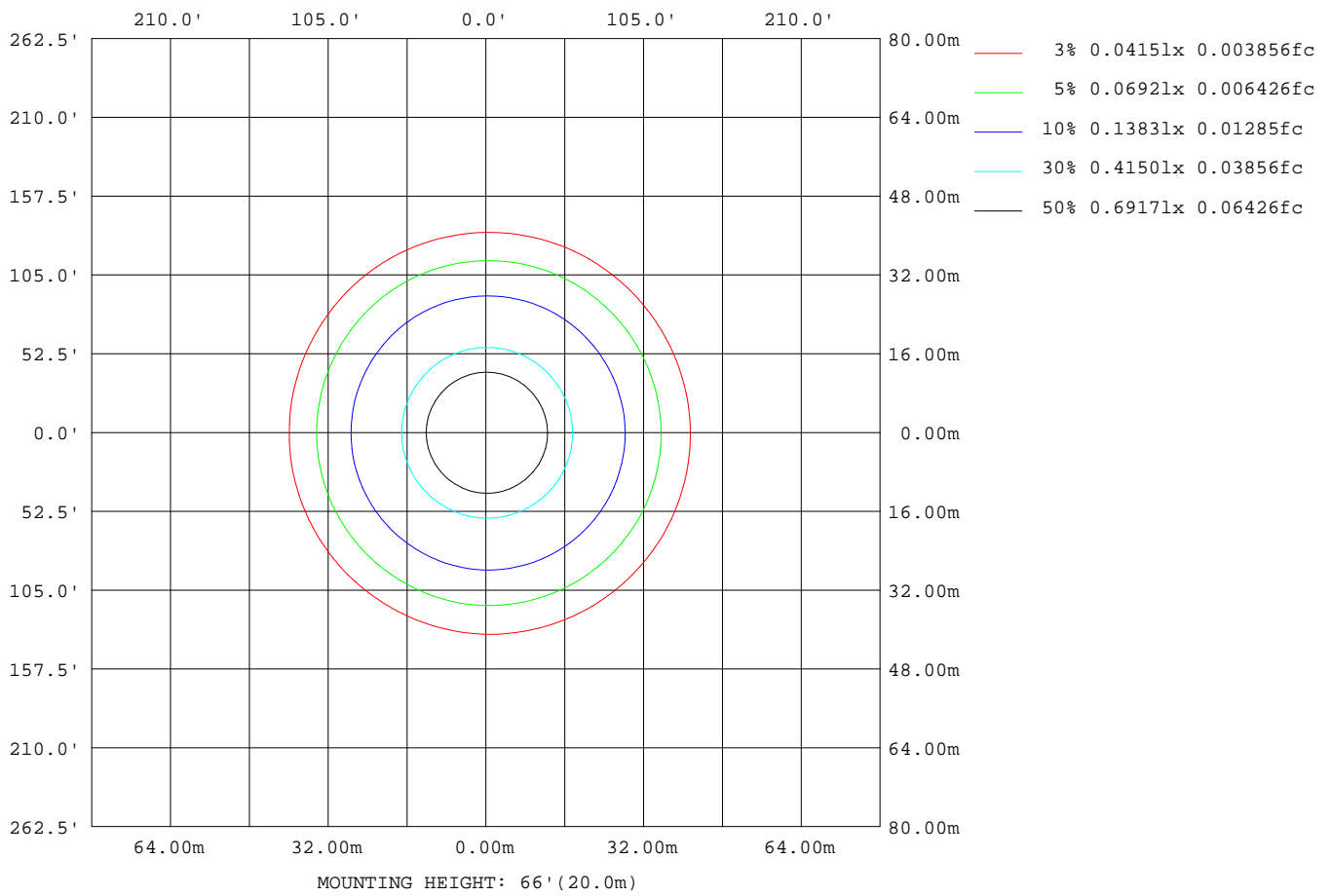
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2020-04-15

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.426  
 Humidity: 65.0%  
 Test Distance: 8.690m [K=1.0000]  
 Remarks:

**ISOLUX DIAGRAM**

Test:U:230.24V I:0.0840A P:16.661W PF:0.8613 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00%		
Lamp Flux:1556.24x1 lm		
NAME: BL18W-CC	TYPE: 18W	WEIGHT: 1
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 0.0415	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2020-04-15

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.426  
 Humidity: 65.0%  
 Test Distance: 8.690m [K=1.0000]  
 Remarks:

LED Avg.L Report

Test:U:230.24V I:0.0840A P:16.661W PF:0.8613 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00%		
Lamp Flux:1556.24x1 lm		
NAME: BL18W-CC	TYPE: 18W	WEIGHT: 1
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 0.0415	Shielding Angle:

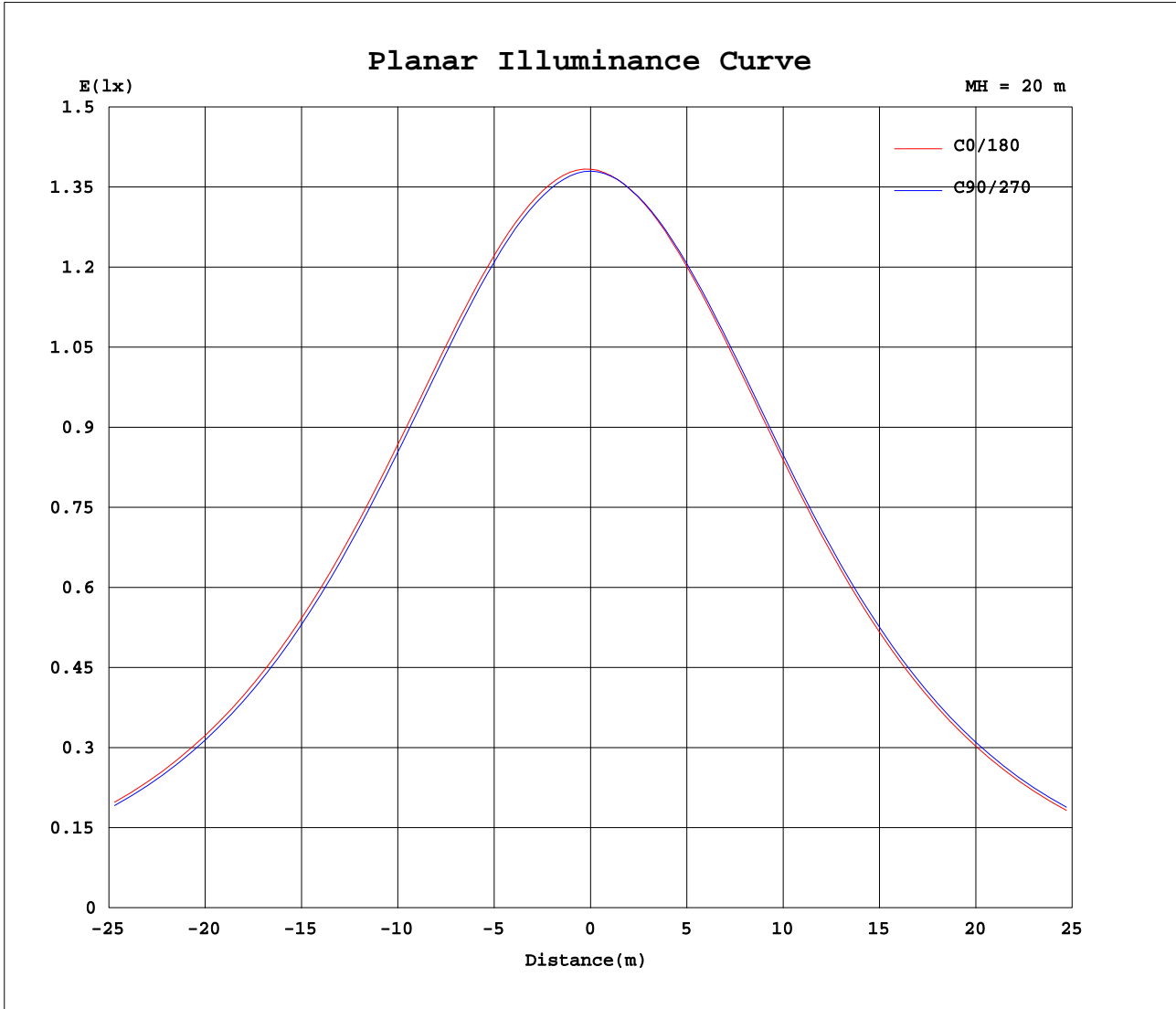
AvgL	cd/m2
L_0~180(65)av	10414
L_0~180(75)av	9047
L_0~180(85)av	8938
L_90~270(65)av	10514
L_90~270(75)av	9288
L_90~270(85)av	9747
L_45(65)av	10454
L_45(75)av	9163
L_45(85)av	9402

Standard: GB/T 29293-2012

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γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.426  
 Humidity:65.0%  
 Test Distance:8.690m [K=1.0000]  
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
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 Operators:  
 Test Date: 2020-04-15

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.426  
 Humidity: 65.0%  
 Test Distance: 8.690m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.24V I:0.0840A P:16.661W PF:0.8613 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00%		
Lamp Flux:1556.24x1 lm		
NAME: BL18W-CC	TYPE: 18W	WEIGHT: 1
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 0.0415	Shielding Angle:

Table--1

UNIT: cd

C (DEG) \ γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	552	552	552	552	552	552	552	552	552	552	552	552							
5	551	551	550	549	548	547	547	547	548	549	550	550							
10	544	544	542	541	539	538	537	537	538	540	542	543							
15	531	531	530	527	525	523	522	522	524	526	529	530							
20	514	514	512	509	505	503	501	502	504	507	510	512							
25	492	492	489	486	481	478	477	477	480	483	487	490							
30	465	465	462	458	453	450	448	448	451	455	460	463							
35	435	435	432	427	421	418	415	416	419	423	429	432							
40	401	401	397	393	386	382	380	380	384	389	394	398							
45	364	365	361	356	348	344	342	342	347	351	357	361							
50	325	325	321	316	308	304	301	301	306	311	317	321							
55	284	284	280	274	266	261	258	258	264	269	276	280							
60	240	241	237	231	222	217	214	215	221	226	232	236							
65	196	197	193	187	178	172	169	171	177	182	188	192							
70	152	153	149	143	135	129	126	128	133	139	144	148							
75	109	110	108	102	93.8	87.8	85.3	87.5	92.6	97.5	102	105							
80	70.4	71.2	69.4	65.1	58.1	52.5	50.8	53.0	57.1	61.2	65.4	67.6							
85	38.7	40.4	39.2	36.5	31.2	26.6	25.9	28.7	31.8	34.0	36.5	37.4							
90	19.3	20.6	20.7	19.4	15.5	13.0	13.2	14.6	16.2	17.8	17.8	18.1							
95	9.32	6.42	4.92	6.01	4.64	5.67	8.49	6.18	4.98	6.15	5.24	6.53							
100	6.38	3.96	1.24	1.87	1.08	2.95	5.16	2.78	1.28	2.12	1.38	4.04							
105	4.30	3.08	1.19	1.25	1.23	1.36	1.68	1.36	1.27	1.22	1.14	3.15							
110	3.38	2.17	2.56	2.17	2.08	2.12	1.83	2.08	2.21	2.21	2.21	2.19							
115	3.82	2.57	3.00	2.40	2.67	2.70	3.79	2.47	2.54	2.48	2.55	2.41							
120	5.47	4.14	3.14	2.36	2.89	3.08	4.51	2.60	2.48	2.34	2.77	3.62							
125	6.98	5.60	3.31	2.76	3.06	4.54	5.83	3.86	2.95	2.65	3.17	5.00							
130	7.70	6.17	3.01	3.20	2.89	5.65	6.88	5.44	2.84	2.86	2.84	5.95							
135	7.83	5.82	3.14	3.35	3.18	5.70	7.46	5.75	3.09	3.11	3.10	5.77							
140	7.02	5.85	3.10	3.42	3.08	5.60	6.80	5.70	2.96	3.05	2.91	5.64							
145	5.99	4.98	3.97	3.55	3.90	4.86	5.81	4.87	3.77	3.32	3.68	4.89							
150	5.14	4.29	3.60	3.94	3.52	4.19	4.98	4.17	3.47	3.82	3.58	4.23							
155	4.16	4.03	3.64	4.05	3.69	4.02	3.98	4.02	3.65	4.00	3.60	3.94							
160	4.38	4.28	3.93	3.96	3.88	4.17	4.39	4.16	3.89	3.93	3.86	4.19							
165	3.97	3.99	3.98	3.99	4.00	4.01	4.00	4.00	3.96	3.96	3.98	3.92							
170	4.18	4.11	4.16	4.14	4.13	4.15	4.16	4.13	4.09	4.07	4.13	4.07							
175	4.23	4.27	4.30	4.33	4.23	4.29	4.23	4.25	4.22	4.18	4.23	4.20							
180	4.28	4.29	4.30	4.28	4.28	4.31	4.30	4.29	4.31	4.27	4.29	4.30							

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