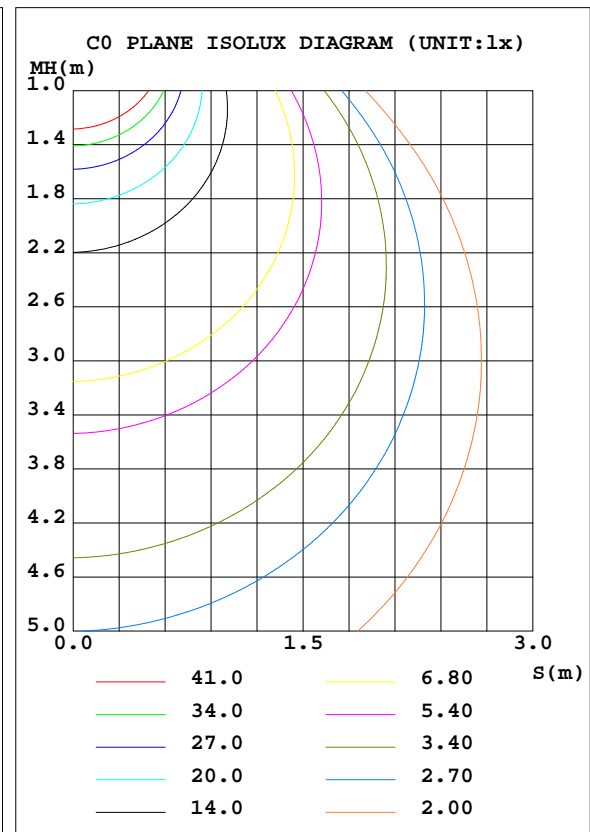
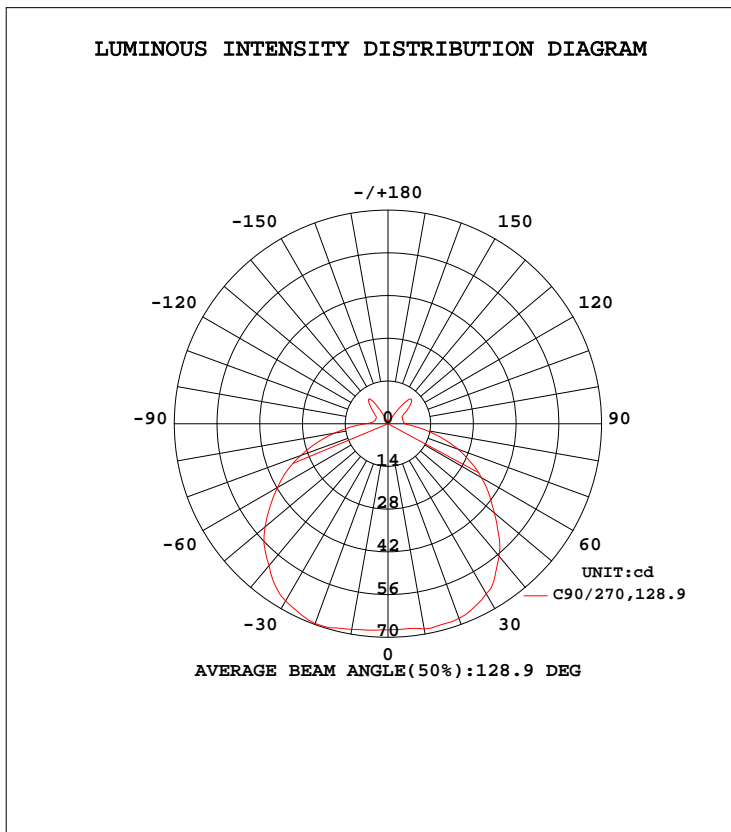


LUMINAIRE PHOTOMETRIC TEST REPORT

NAME: C-FR-F16B-VB-24CV-65K-WT-12-80-2.4W-500-1M	TYPE: /	WEIGHT: 0.129kg/m
SPEC.:	DIM.: 6*15.5mm	SERIAL No.:
MFR.: CLEAR	SUR.: 15.5*1000mm	Shielding Angle: /

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	5050	Imax(cd)	69.67	S/MH(C0/180)	1.26
NOMINAL POWER(W)	2.4	LOR(%)	95.1	S/MH(C90/270)	1.46
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	238.95	η UP, DN(C0-180)	4.1,41.1
NOMINAL FLUX(lm)	251.255	CIE CLASS	DIRECT	η UP, DN(C180-360)	4.0,45.9
LAMPS INSIDE	1	η up(%)	8.1	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	24	η down(%)	87.0	CIBSE SHR MAX	1.55



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Dillon
Test Date:07 April 2022

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:6.950m [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	65.52	66.64	68.26	66.59	66.77	67.78	68.42	67.35	0- 10	6.429	6.429	2.69,2.56
20	60.86	64.93	67.89	65.60	63.26	66.66	69.65	65.92	10- 20	18.83	25.26	10.6,10.1
30	53.77	60.41	64.38	61.73	57.24	63.12	67.09	62.00	20- 30	29.42	54.68	22.9,21.8
40	44.67	52.64	56.68	54.29	48.92	57.32	60.64	56.02	30- 40	36.45	91.13	38.1,36.3
50	33.99	42.15	45.54	44.15	38.64	48.50	52.57	46.97	40- 50	38.28	129.4	54.2,51.5
60	22.47	30.79	35.41	32.51	26.88	37.98	41.79	36.59	50- 60	34.97	164.4	68.8,65.4
70	12.11	19.80	24.51	21.35	15.14	26.51	30.44	25.16	60- 70	27.66	192.0	80.4,76.4
80	4.072	10.34	12.89	11.19	6.001	15.18	17.96	14.17	70- 80	17.86	209.9	87.8,83.5
90	0.2676	4.663	5.538	4.686	1.232	6.377	7.376	5.673	80- 90	8.582	218.5	91.4,87
100	0.4152	4.304	5.080	4.152	0.4229	4.202	4.652	4.027	90-100	4.369	222.9	93.3,88.7
110	0.5413	3.898	5.045	3.382	0.4600	3.175	4.396	3.400	100-110	3.612	226.5	94.8,90.1
120	0.6502	4.329	5.738	3.220	0.5020	2.912	4.478	3.317	110-120	3.094	229.6	96.1,91.4
130	0.7491	5.201	9.554	3.718	0.5787	3.581	6.502	4.623	120-130	3.383	232.9	97.5,92.7
140	0.8283	3.424	10.26	2.129	0.6653	3.478	9.966	4.867	130-140	3.390	236.3	98.9,94.1
150	0.9074	0.8285	1.564	0.8380	0.8630	1.162	5.237	1.528	140-150	1.758	238.1	99.6,94.8
160	0.9940	0.8780	0.8667	0.8910	0.9595	0.9333	0.8877	0.8897	150-160	0.4883	238.6	99.8,95
170	1.073	0.9615	0.9518	0.9616	1.053	0.9787	0.9418	0.9554	160-170	0.2665	238.9	100,95.1
180	1.100	0.9996	0.9919	1.001	1.095	1.007	0.9844	0.9901	170-180	0.0948	238.9	100,95.1
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 114.23 lm

%lum = 47.8%
 %lamp = 45.5%

Conical surface Flux(120deg): 164.39 lm

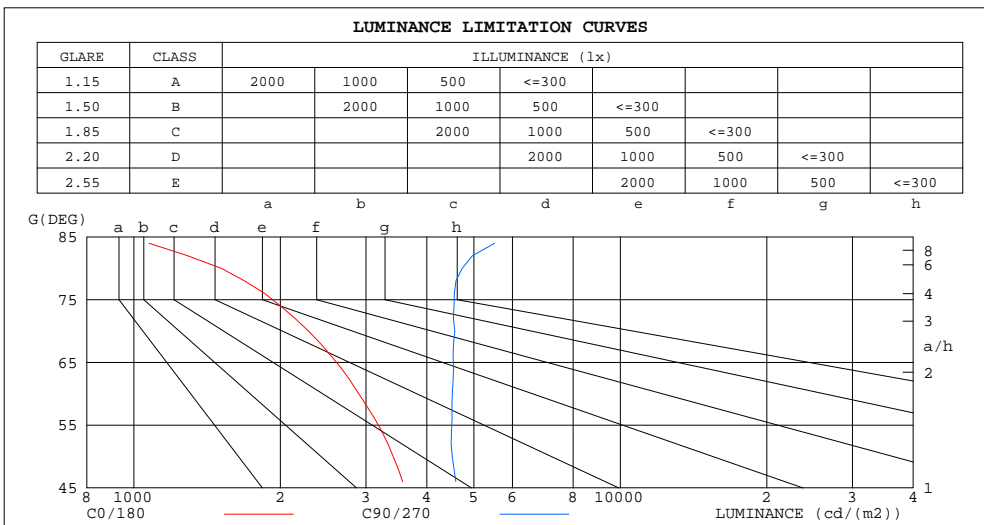
%lum = 68.8%
 %lamp = 65.4%

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Dillon
 Test Date:07 April 2022

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:6.950m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

NAME: C-FR-F16B-VB-24CV-65K-WT-12-80-2.4W-500-1M	TYPE: /	WEIGHT: 0.129kg/m
SPEC.:	DIM.: 6*15.5mm	SERIAL No.:
MFR.: CLEAR	SUR.: 15.5*1000mm	Shielding Angle: /



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	1289	6619
80	1514	4731
75	2132	4849
70	2286	4568
65	2774	4710
60	2901	4514
55	3314	4608
50	3414	4515
45	3703	4738

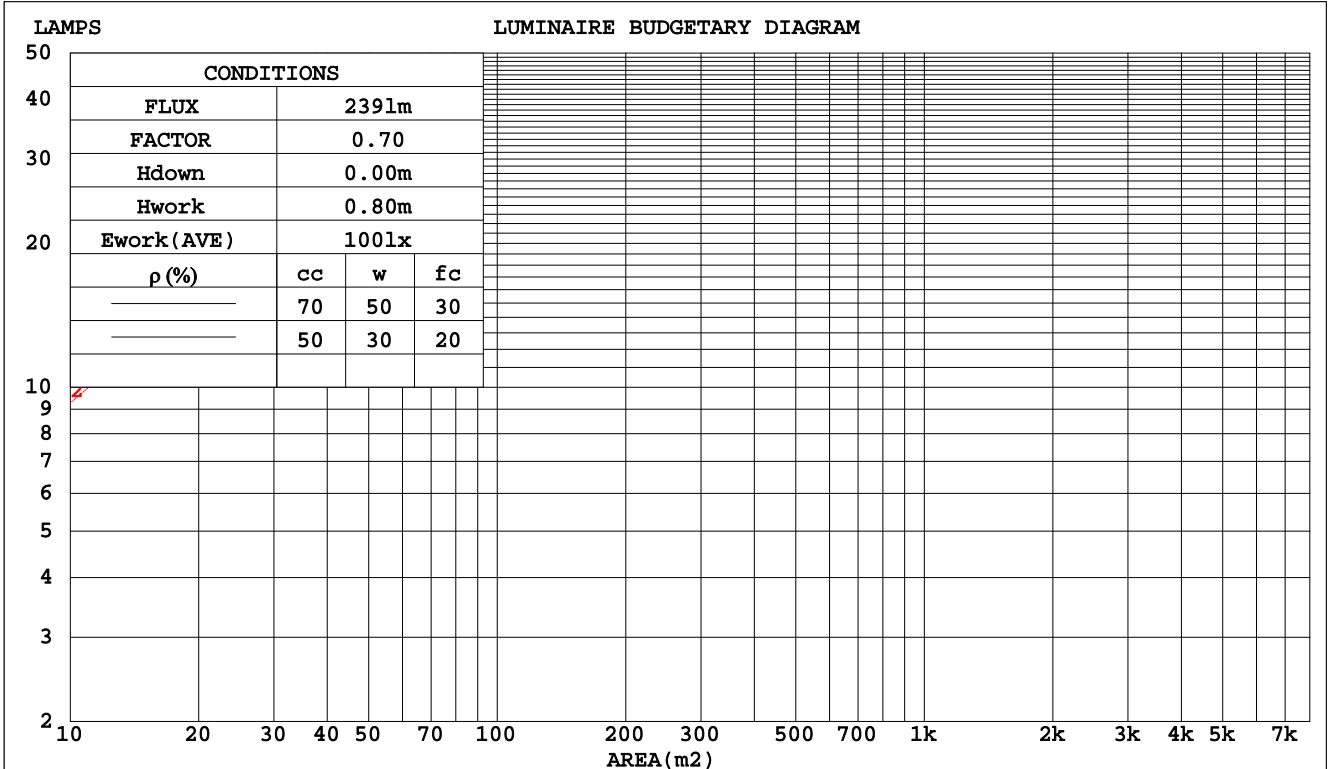
C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Dillon
 Test Date: 07 April 2022

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.446
 Humidity: 65.0%
 Test Distance: 6.950m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: C-FR-F16B-VB-24CV-65K-WT-12-80-2.4W-500-1M	TYPE: /	WEIGHT: 0.129kg/m
SPEC.:	DIM.: 6*15.5mm	SERIAL No.:
MFR.: CLEAR	SUR.: 15.5*1000mm	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	1.11	1.11	1.11	1.08	1.08	1.08	1.01	1.01	1.01	.95	.95	.95	.90	.90	.90	.87
1.0	.96	.91	.87	.93	.89	.85	.87	.84	.81	.82	.79	.77	.77	.75	.73	.71
2.0	.83	.76	.70	.80	.74	.69	.76	.71	.66	.71	.67	.63	.67	.64	.61	.58
3.0	.72	.64	.58	.70	.63	.57	.66	.60	.55	.63	.57	.53	.59	.55	.51	.49
4.0	.64	.55	.49	.62	.54	.48	.59	.52	.47	.56	.50	.45	.53	.48	.44	.41
5.0	.57	.48	.42	.55	.47	.41	.52	.45	.40	.50	.44	.39	.47	.42	.38	.35
6.0	.51	.43	.36	.50	.42	.36	.47	.40	.35	.45	.39	.34	.43	.37	.33	.31
7.0	.46	.38	.32	.45	.37	.32	.43	.36	.31	.41	.35	.30	.39	.33	.29	.27
8.0	.42	.34	.28	.41	.33	.28	.39	.32	.27	.37	.31	.27	.36	.30	.26	.24
9.0	.39	.31	.25	.38	.30	.25	.36	.29	.25	.34	.28	.24	.33	.27	.23	.22
10.0	.35	.28	.23	.35	.27	.23	.33	.27	.22	.32	.26	.22	.30	.25	.21	.19



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Dillon
 Test Date: 07 April 2022

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.446
 Humidity: 65.0%
 Test Distance: 6.950m [K=1.0000]
 Remarks:

WEC AND CCEC

NAME: C-FR-F16B-VB-24CV-65K-WT-12-80-2.4W-500-1M	TYPE: /	WEIGHT: 0.129kg/m
SPEC.:	DIM.: 6*15.5mm	SERIAL No.:
MFR.: CLEAR	SUR.: 15.5*1000mm	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	.316	.179	.057	.306	.175	.056	.289	.166	.053	.273	.158	.051	.258	.150	.048	
2.0	.288	.158	.048	.280	.154	.048	.265	.147	.046	.250	.140	.044	.237	.134	.042	
3.0	.263	.140	.042	.256	.137	.041	.242	.131	.040	.229	.126	.039	.217	.120	.037	
4.0	.241	.125	.037	.235	.123	.036	.222	.118	.035	.210	.113	.034	.200	.108	.033	
5.0	.222	.113	.033	.216	.111	.032	.205	.107	.031	.194	.102	.030	.184	.098	.030	
6.0	.205	.103	.029	.200	.101	.029	.189	.097	.028	.180	.093	.027	.171	.090	.027	
7.0	.190	.094	.027	.185	.092	.026	.176	.089	.026	.167	.086	.025	.159	.083	.024	
8.0	.177	.087	.024	.173	.085	.024	.164	.082	.023	.157	.079	.023	.149	.077	.022	
9.0	.166	.080	.022	.162	.079	.022	.154	.076	.022	.147	.074	.021	.140	.071	.021	
10.0	.156	.075	.021	.152	.073	.020	.145	.071	.020	.138	.069	.020	.132	.066	.019	

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	.243	.243	.243	.208	.208	.208	.142	.142	.142	.081	.081	.081	.026	.026	.026	
1.0	.235	.211	.189	.201	.181	.162	.138	.124	.112	.079	.072	.065	.025	.023	.021	
2.0	.228	.188	.155	.195	.162	.134	.134	.112	.093	.077	.065	.055	.025	.021	.018	
3.0	.221	.172	.133	.189	.148	.115	.130	.103	.081	.075	.060	.048	.024	.020	.016	
4.0	.214	.160	.118	.183	.138	.103	.126	.096	.072	.073	.056	.043	.023	.018	.014	
5.0	.207	.150	.108	.178	.130	.094	.122	.091	.066	.071	.053	.039	.023	.017	.013	
6.0	.200	.142	.101	.172	.123	.088	.119	.086	.062	.069	.051	.037	.022	.017	.012	
7.0	.193	.136	.096	.166	.118	.083	.115	.083	.059	.067	.049	.035	.022	.016	.012	
8.0	.187	.130	.091	.161	.113	.080	.112	.079	.057	.065	.047	.034	.021	.015	.011	
9.0	.181	.126	.088	.156	.109	.077	.108	.077	.055	.063	.045	.033	.020	.015	.011	
10.0	.176	.122	.086	.152	.106	.075	.105	.074	.053	.061	.044	.032	.020	.014	.011	

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Dillon
 Test Date:07 April 2022

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:6.950m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

NAME: C-FR-F16B-VB-24CV-65K-WT-12-80-2.4W-500-1M	TYPE: /	WEIGHT: 0.129kg/m
SPEC.:	DIM.: 6*15.5mm	SERIAL No.:
MFR.: CLEAR	SUR.: 15.5*1000mm	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	20.9	22.3	21.2	22.6	23.0	22.5	23.9	22.8	24.2	24.6
3H	21.9	23.2	22.3	23.6	24.0	24.2	25.5	24.6	25.9	26.3
4H	22.3	23.5	22.7	23.9	24.4	25.0	26.3	25.5	26.7	27.1
6H	22.5	23.7	23.0	24.1	24.6	25.7	26.9	26.1	27.3	27.7
8H	22.5	23.7	23.0	24.1	24.6	26.0	27.1	26.4	27.6	28.0
12H	22.5	23.6	23.0	24.1	24.5	26.3	27.4	26.7	27.8	28.3
4H 2H	21.7	22.9	22.1	23.3	23.8	22.9	24.2	23.4	24.6	25.0
3H	23.0	24.1	23.4	24.5	25.0	24.9	26.0	25.4	26.5	26.9
4H	23.5	24.5	24.0	24.9	25.5	25.9	26.9	26.4	27.3	27.9
6H	23.8	24.7	24.4	25.2	25.8	26.7	27.6	27.2	28.1	28.6
8H	23.9	24.7	24.5	25.3	25.8	27.1	27.9	27.6	28.4	29.0
12H	24.0	24.7	24.5	25.2	25.8	27.5	28.2	28.0	28.8	29.3
8H 4H	24.0	24.8	24.5	25.4	25.9	26.1	26.9	26.6	27.4	28.0
6H	24.6	25.3	25.2	25.8	26.4	27.1	27.8	27.7	28.4	29.0
8H	24.8	25.4	25.4	26.0	26.6	27.7	28.3	28.2	28.8	29.5
12H	25.0	25.5	25.6	26.1	26.7	28.2	28.7	28.8	29.3	30.0
12H 4H	24.1	24.9	24.7	25.4	26.0	26.1	26.8	26.6	27.3	27.9
6H	24.8	25.4	25.4	26.0	26.6	27.2	27.8	27.8	28.4	29.0
8H	25.1	25.7	25.7	26.2	26.9	27.8	28.3	28.4	28.9	29.6
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.2 / - 0.3					+ 0.1 / - 0.2				
1.5H	+ 0.3 / - 0.5					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.6					+ 0.1 / - 0.3				

CIE Pub.117, 251.3 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -4.8)
 Area: 0.0155 m2

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Dillon
 Test Date:07 April 2022

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:6.950m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

NAME: C-FR-F16B-VB-24CV-65K-WT-12-80-2.4W-500-1M	TYPE: /	WEIGHT: 0.129kg/m
SPEC.:	DIM.: 6*15.5mm	SERIAL No.:
MFR.: CLEAR	SUR.: 15.5*1000mm	Shielding Angle: /

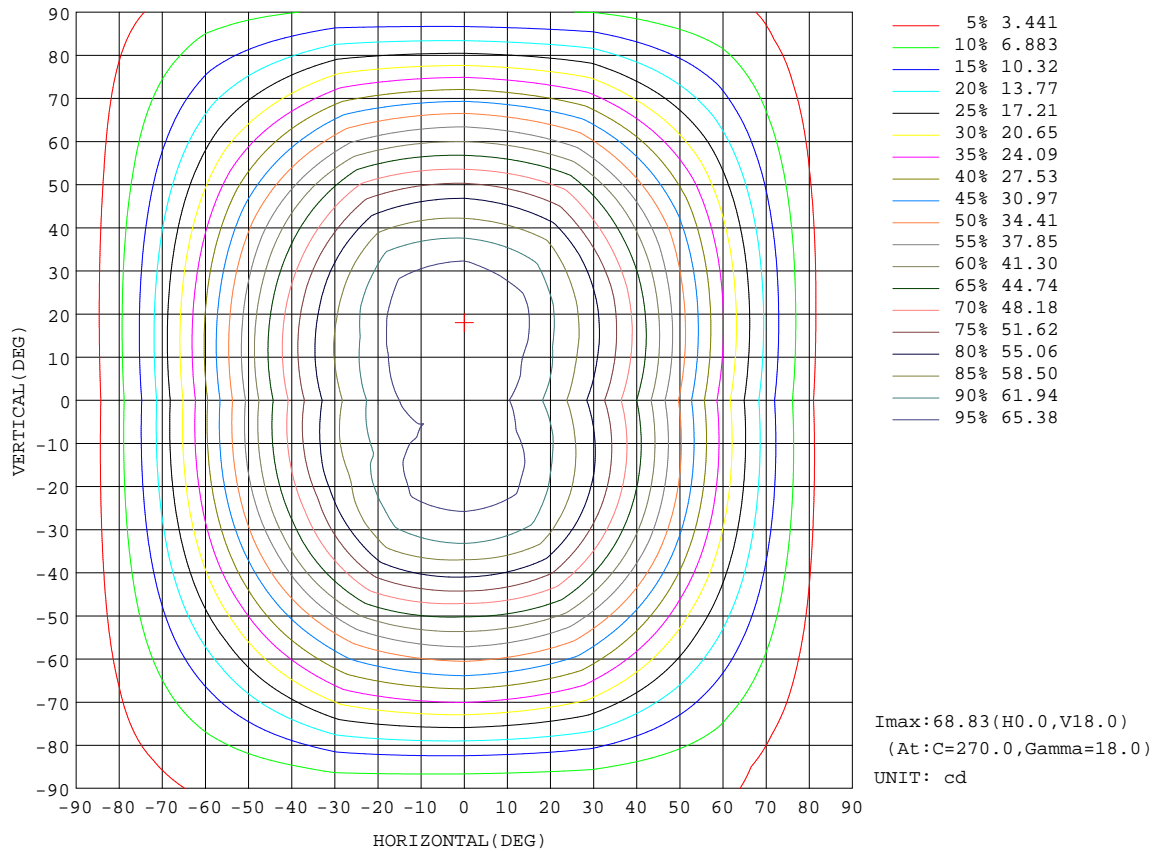
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	51	40	33	50	39	33	48	39	32	26
0.80	60	49	42	59	48	41	57	47	41	34
1.00	68	57	50	67	56	49	64	57	48	41
1.25	75	64	57	73	63	56	70	61	55	47
1.50	80	69	62	77	68	61	74	66	60	51
2.00	86	77	71	84	76	69	80	73	67	58
2.50	90	82	76	88	80	74	83	77	72	62
3.00	93	86	80	91	84	79	86	80	76	66
4.00	97	91	86	95	89	84	89	85	81	70
5.00	100	95	90	97	92	88	91	87	84	73
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:Dillon
 Test Date:07 April 2022

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:6.950m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

NAME: C-FR-F16B-VB-24CV-65K-WT-12-80-2.4W-500-1M	TYPE: /	WEIGHT: 0.129kg/m
SPEC.:	DIM.: 6*15.5mm	SERIAL No.:
MFR.: CLEAR	SUR.: 15.5*1000mm	Shielding Angle: /

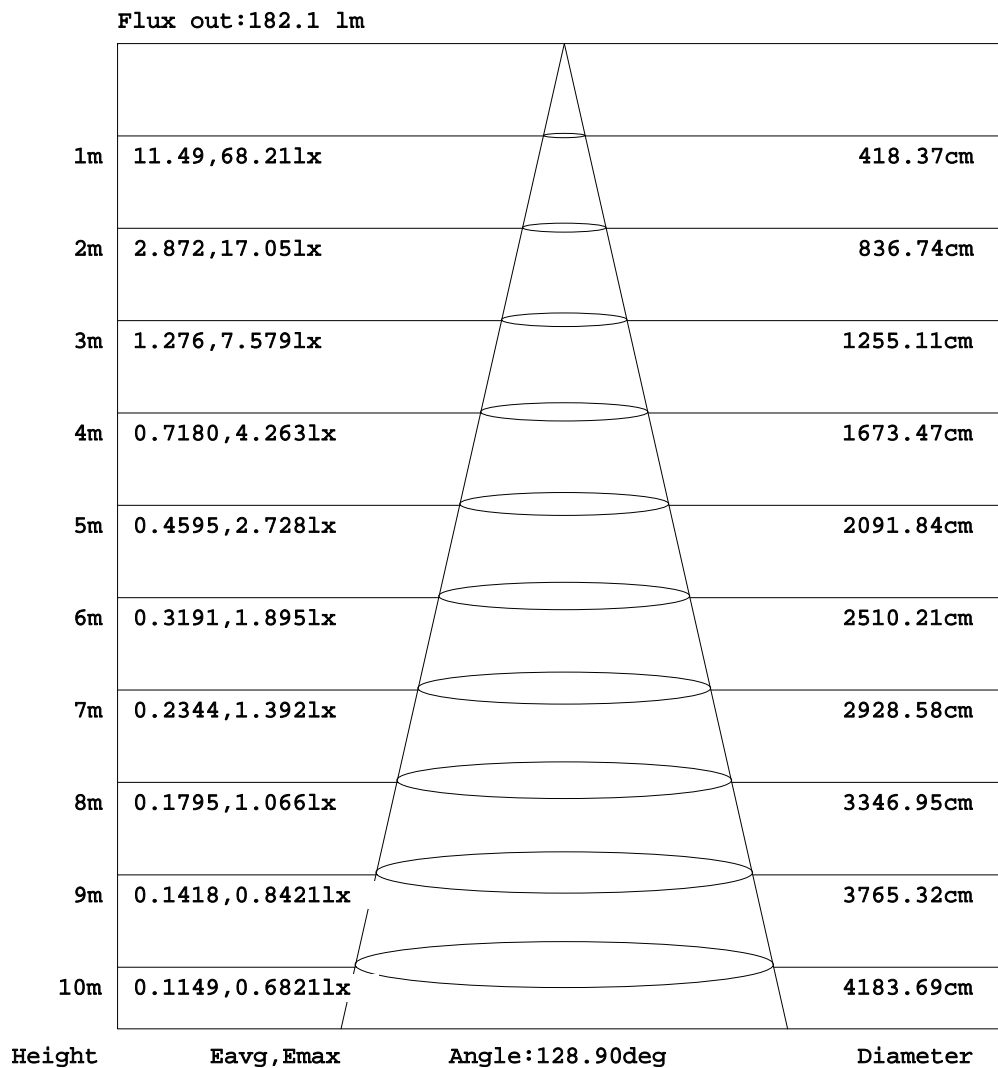


C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Dillon
 Test Date: 07 April 2022

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.446
 Humidity: 65.0%
 Test Distance: 6.950m [K=1.0000]
 Remarks:

AAI Figure

NAME: C-FR-F16B-VB-24CV-65K-WT-12-80-2.4W-500-1M	TYPE: /	WEIGHT: 0.129kg/m
SPEC.:	DIM.: 6*15.5mm	SERIAL No.:
MFR.: CLEAR	SUR.: 15.5*1000mm	Shielding Angle: /



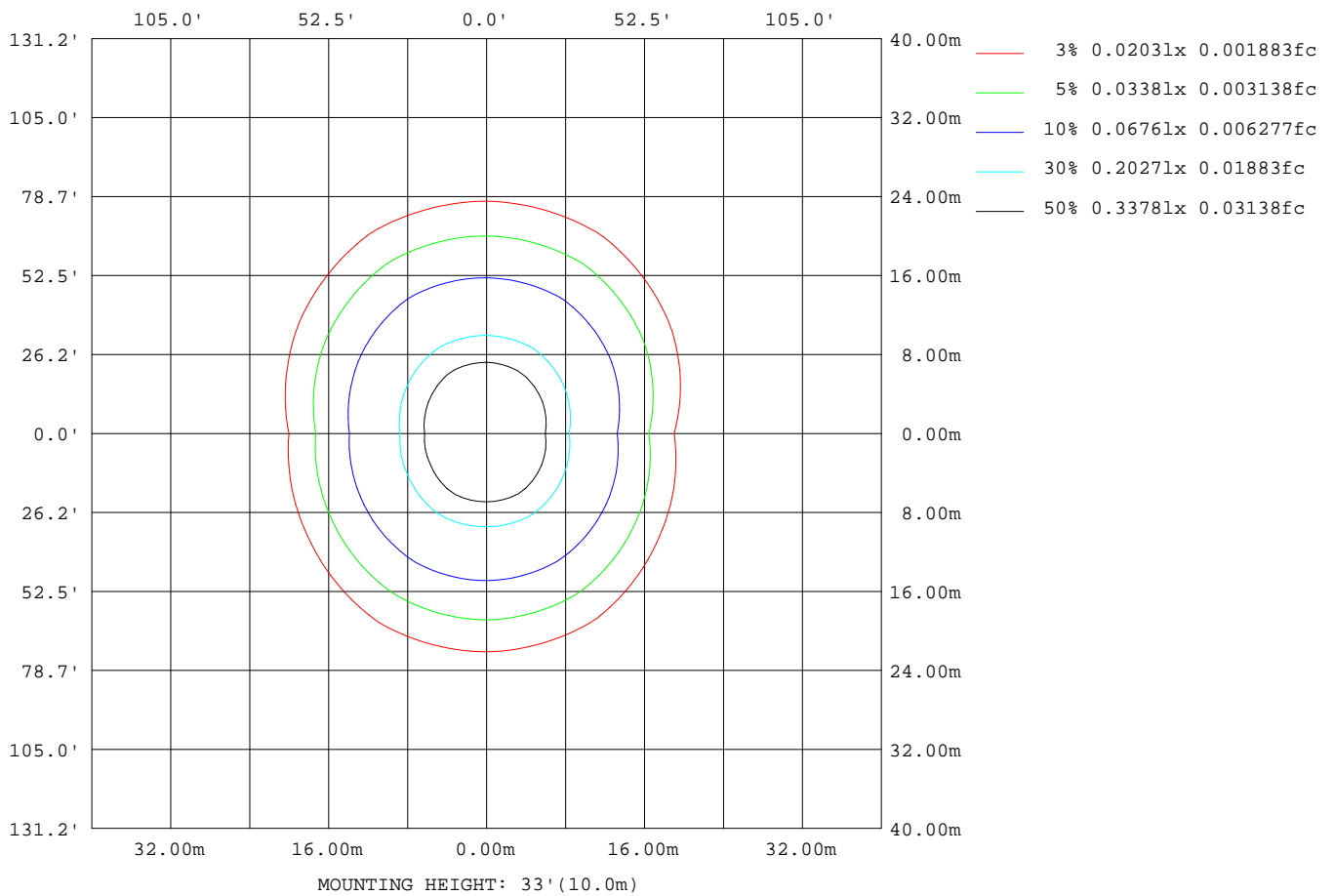
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Dillon
 Test Date: 07 April 2022

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.446
 Humidity: 65.0%
 Test Distance: 6.950m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

NAME: C-FR-F16B-VB-24CV-65K-WT-12-80-2.4W-500-1M	TYPE: /	WEIGHT: 0.129kg/m
SPEC.:	DIM.: 6*15.5mm	SERIAL No.:
MFR.: CLEAR	SUR.: 15.5*1000mm	Shielding Angle: /



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Dillon
 Test Date: 07 April 2022

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.446
 Humidity: 65.0%
 Test Distance: 6.950m [K=1.0000]
 Remarks:

LED Avg.L Report

NAME: C-FR-F16B-VB-24CV-65K-WT-12-80-2.4W-500-1M	TYPE: /	WEIGHT: 0.129kg/m
SPEC.:	DIM.: 6*15.5mm	SERIAL No.:
MFR.: CLEAR	SUR.: 15.5*1000mm	Shielding Angle: /

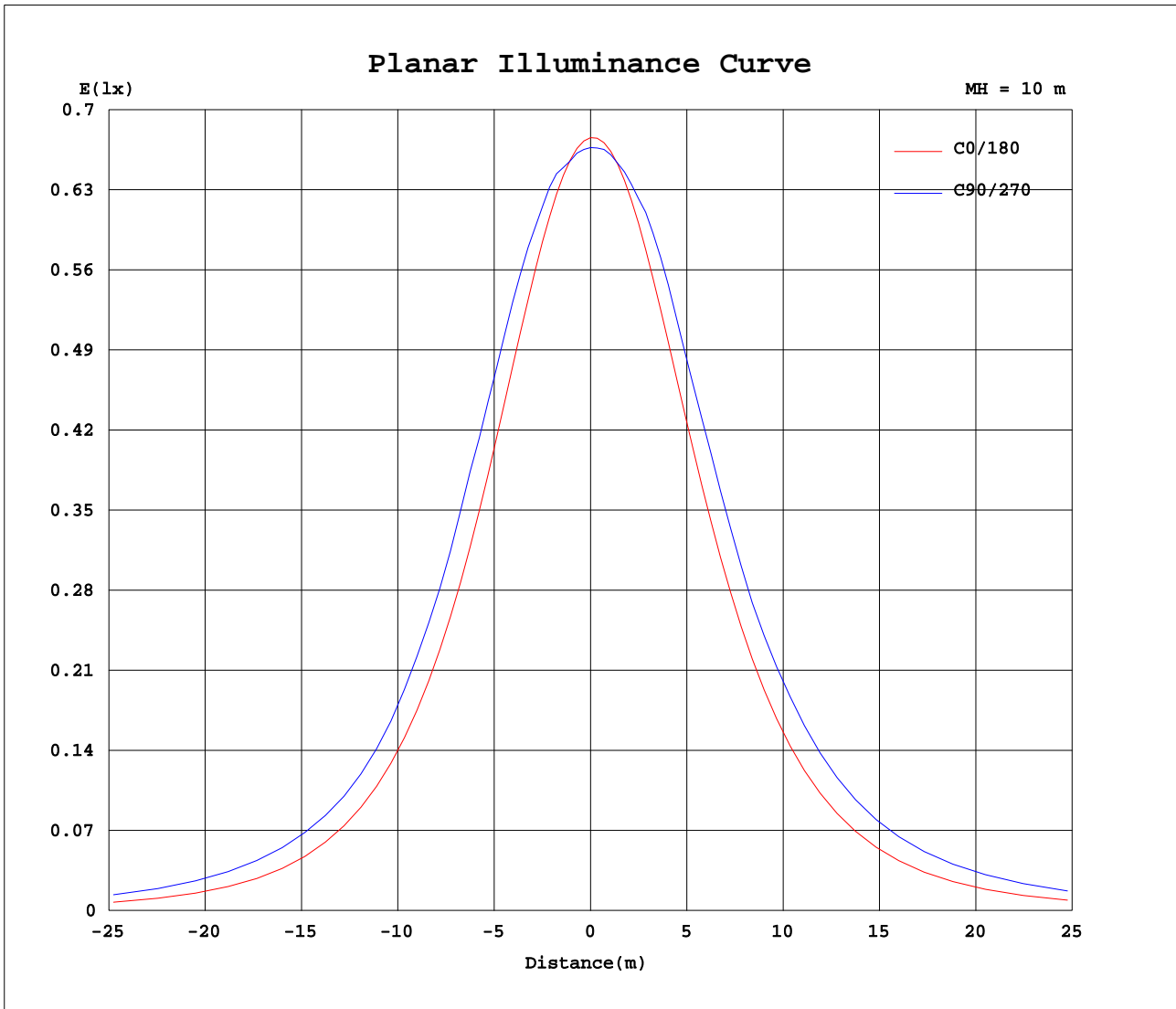
AvgL	cd/m2
L_0~180(65)av	2897
L_0~180(75)av	2223
L_0~180(85)av	1607
L_90~270(65)av	5089
L_90~270(75)av	5324
L_90~270(85)av	7523
L_45(65)av	4460
L_45(75)av	4491
L_45(85)av	6422

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Dillon
 Test Date:07 April 2022

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:6.950m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Dillon
 Test Date: 07 April 2022

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.446
 Humidity: 65.0%
 Test Distance: 6.950m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: C-FR-F16B-VB-24CV-65K-WT-12-80-2.4W-500-1M	TYPE: /	WEIGHT: 0.129kg/m
SPEC.:	DIM.: 6*15.5mm	SERIAL No.:
MFR.: CLEAR	SUR.: 15.5*1000mm	Shielding Angle: /

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5							
5	67.1	67.2	67.3	67.5	67.3	67.4	67.6	67.8	68.0	67.8	67.9	67.8							
10	65.5	66.0	67.3	68.3	67.3	65.8	66.8	67.7	67.9	68.4	67.6	67.1							
15	64.0	64.9	67.4	68.2	67.7	64.9	65.7	66.8	67.8	69.0	67.5	66.3							
20	60.9	63.3	66.5	67.9	66.9	64.2	63.3	65.1	68.2	69.7	67.7	64.1							
25	58.3	61.4	65.1	66.9	65.6	62.4	61.1	63.4	67.6	68.9	66.9	62.2							
30	53.8	58.1	62.7	64.4	63.3	60.1	57.2	60.8	65.5	67.1	64.5	59.5							
35	50.3	55.4	60.4	62.1	61.3	57.3	54.2	58.6	63.9	65.2	62.5	57.2							
40	44.7	49.9	55.3	56.7	56.5	52.0	48.9	54.3	60.3	60.6	59.2	52.9							
45	40.6	45.9	51.4	52.6	52.6	48.4	45.0	51.0	57.2	58.0	56.0	49.3							
50	34.0	39.5	44.8	45.5	46.0	42.3	38.6	45.1	51.9	52.6	50.7	43.2							
55	29.4	35.1	40.2	41.5	41.3	37.6	34.1	41.1	48.0	48.3	46.9	39.2							
60	22.5	28.0	33.6	35.4	34.4	30.6	26.9	34.8	41.1	41.8	40.1	33.0							
65	18.2	23.2	29.4	31.2	30.3	25.9	22.1	30.3	36.6	37.7	35.7	28.6							
70	12.1	16.8	22.8	24.5	23.9	18.8	15.1	23.4	29.7	30.4	28.5	21.7							
75	8.55	13.1	18.3	19.7	19.5	14.6	11.0	18.8	24.6	25.5	23.7	17.3							
80	4.07	8.53	12.2	12.9	12.9	9.41	6.00	12.7	17.6	18.0	16.8	11.5							
85	1.74	6.11	8.56	9.05	9.12	6.66	3.57	9.42	13.1	13.2	12.3	8.30							
90	0.27	3.90	5.43	5.54	5.48	3.89	1.23	5.38	7.37	7.38	6.80	4.54							
95	0.31	3.65	5.06	5.30	5.13	3.56	0.40	4.40	5.47	5.49	5.20	3.89							
100	0.42	3.66	4.95	5.08	4.92	3.38	0.42	3.76	4.65	4.65	4.47	3.58							
105	0.46	3.33	4.80	5.08	4.77	2.94	0.43	3.30	4.30	4.39	4.21	3.26							
110	0.54	3.03	4.76	5.04	4.33	2.42	0.46	2.55	3.79	4.40	3.95	2.85							
115	0.59	2.67	4.88	5.10	4.45	2.05	0.46	2.28	3.72	4.27	3.85	2.68							
120	0.65	2.86	5.80	5.74	4.36	2.07	0.50	2.01	3.81	4.48	4.12	2.51							
125	0.70	3.19	6.75	7.02	4.59	2.28	0.53	2.27	3.99	5.01	4.69	2.96							
130	0.75	1.69	8.71	9.55	6.13	1.28	0.58	2.45	4.71	6.50	5.86	3.37							
135	0.78	0.82	9.21	10.8	6.19	0.73	0.61	1.34	5.45	7.85	7.27	2.27							
140	0.83	0.65	6.20	10.3	3.56	0.69	0.67	0.77	6.18	9.97	8.55	1.16							
145	0.87	0.69	2.91	6.56	1.63	0.72	0.77	0.73	4.23	10.06	6.57	0.92							
150	0.91	0.76	0.90	1.56	0.88	0.79	0.86	1.02	1.30	5.24	2.21	0.84							
155	0.95	0.81	0.80	0.90	0.84	0.83	0.91	0.98	0.93	2.22	1.13	0.85							
160	0.99	0.88	0.87	0.87	0.89	0.90	0.96	0.96	0.91	0.89	0.90	0.88							
165	1.03	0.93	0.91	0.90	0.91	0.92	1.00	0.98	0.94	0.92	0.90	0.91							
170	1.07	0.98	0.95	0.95	0.95	0.98	1.05	1.00	0.96	0.94	0.96	0.95							
175	1.09	1.01	0.97	0.97	0.98	0.98	1.08	1.02	0.98	0.94	0.95	0.98							
180	1.10	1.02	0.98	0.99	1.00	1.01	1.10	1.02	0.99	0.98	0.98	1.00							

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