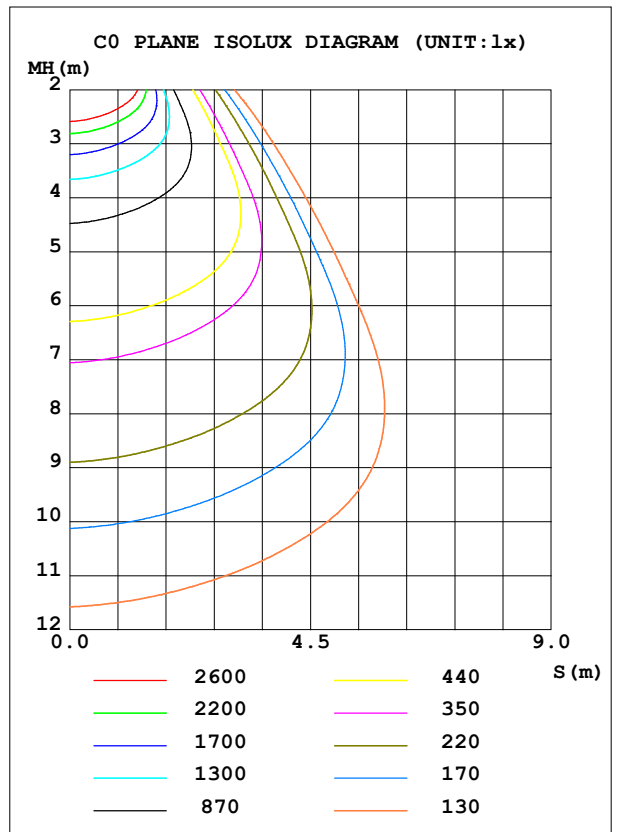
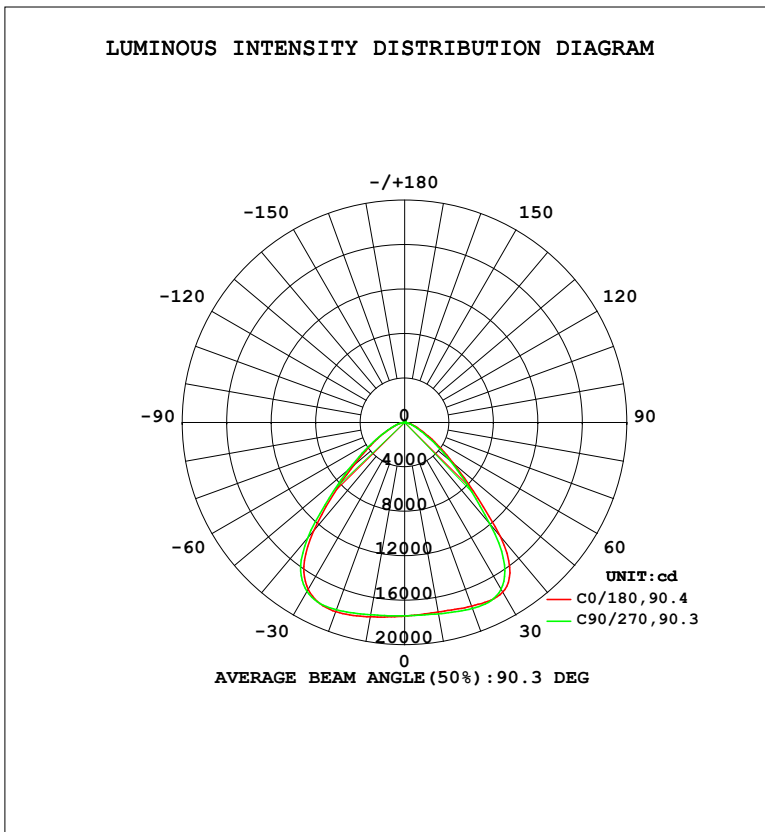


**LUMINAIRE PHOTOMETRIC TEST REPORT**

Test:U:230.41V I:0.8699A P:196.26W PF:0.9791 Freq:50.01Hz Lamp Flux:37853.8x1 lm		
NAME: 2400549	TYPE: Lens 90D	WEIGHT:
SPEC.: 4000K-RA80-810L	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.147m*0.147m*3.14	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	SMD2835	Imax (cd)	18125	S/MH (C0/180)	1.30
NOMINAL POWER (W)	200	LOR (%)	100.0	S/MH (C90/270)	1.32
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	37854	η UP, DN (C0-180)	0.5, 47.7
NOMINAL FLUX (lm)	37853.8	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.4, 51.5
LAMPS INSIDE	1	η up (%)	0.8	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	230	η down (%)	99.2	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.1 °C  
 Operators:  
 Test Date: 2023-09-06

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.462  
 Humidity: 50.0%  
 Test Distance: 10.240m [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	1732	1732	1748	1768	1776	1772	1757	1737	0- 10	1666	1666	4.4,4.4
20	1759	1761	1781	1798	1812	1810	1793	1764	10- 20	5017	6684	17.7,17.7
30	1764	1762	1734	1688	1735	1734	1755	1769	20- 30	8223	14906	39.4,39.4
40	1339	1288	1200	1105	1278	1281	1359	1446	30- 40	9797	24703	65.3,65.3
50	571.2	557.2	536.6	516.7	596.8	624.4	662.3	699.2	40- 50	6900	31603	83.5,83.5
60	243.6	228.2	203.5	219.1	263.6	270.2	272.8	308.4	50- 60	3569	35172	92.9,92.9
70	93.15	89.60	75.71	84.14	103.4	110.3	105.7	126.0	60- 70	1630	36803	97.2,97.2
80	24.89	21.78	19.13	18.87	29.62	33.37	34.39	38.34	70- 80	622.3	37425	98.9,98.9
90	0.4731	0.4930	0.5053	0.5376	0.4128	0.4136	0.4438	0.6389	80- 90	108.0	37533	99.2,99.2
100	1.030	1.074	1.122	1.201	0.8209	0.7850	0.7420	0.7306	90-100	7.081	37540	99.2,99.2
110	2.293	2.350	2.482	2.624	1.889	1.825	1.752	1.682	100-110	15.31	37555	99.2,99.2
120	4.365	4.434	4.646	4.877	3.717	3.603	3.452	3.304	110-120	29.82	37585	99.3,99.3
130	7.036	7.075	7.340	7.627	5.839	5.733	5.527	5.338	120-130	46.68	37632	99.4,99.4
140	9.489	9.537	9.706	9.915	7.834	7.721	7.531	7.369	130-140	58.49	37690	99.6,99.6
150	11.29	11.32	11.41	11.54	9.748	9.572	9.378	9.242	140-150	59.71	37750	99.7,99.7
160	13.00	13.03	13.12	13.26	11.78	11.59	11.37	11.18	150-160	52.19	37802	99.9,99.9
170	14.61	14.62	14.67	14.75	14.13	14.01	13.83	13.66	160-170	37.33	37840	100,100
180	15.29	15.24	15.19	15.16	15.31	15.24	15.19	15.17	170-180	14.08	37854	100,100
DEG	LUMINOUS INTENSITY:X10cd									UNIT:lm		

Conical surface Flux(90deg): 28673 lm

%lum = 75.7%

%lamp = 75.7%

Conical surface Flux(120deg): 35172 lm

%lum = 92.9%

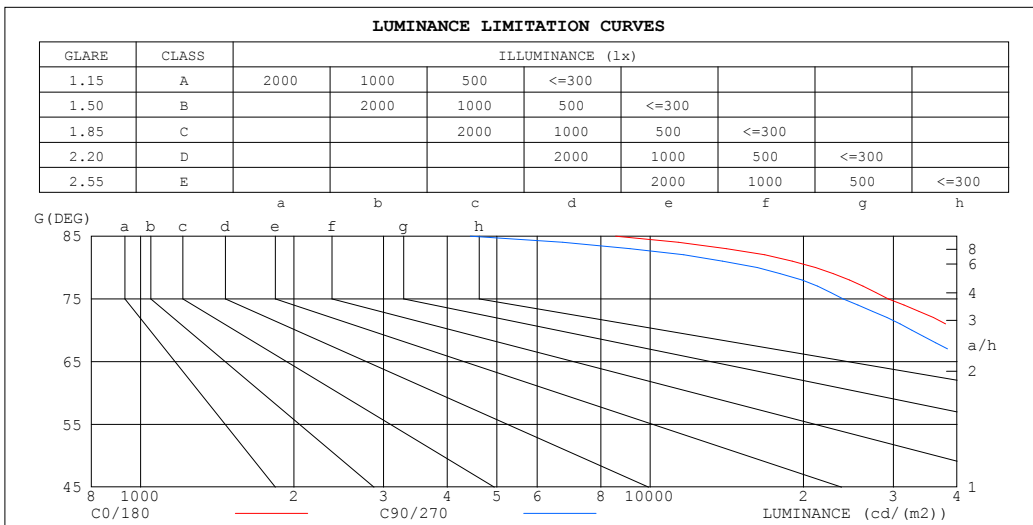
%lamp = 92.9%

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.1℃  
 Operators:  
 Test Date:2023-09-06

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.462  
 Humidity:50.0%  
 Test Distance:10.240m [K=1.0000]  
 Remarks:

**LUMINANCE LIMITATION CURVES**

Test:U:230.41V I:0.8699A P:196.26W PF:0.9791 Freq:50.01Hz Lamp Flux:37853.8x1 lm		
NAME: 2400549	TYPE: Lens 90D	WEIGHT:
SPEC.: 4000K-RA80-810L	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.147m*0.147m*3.14	Shielding Angle:



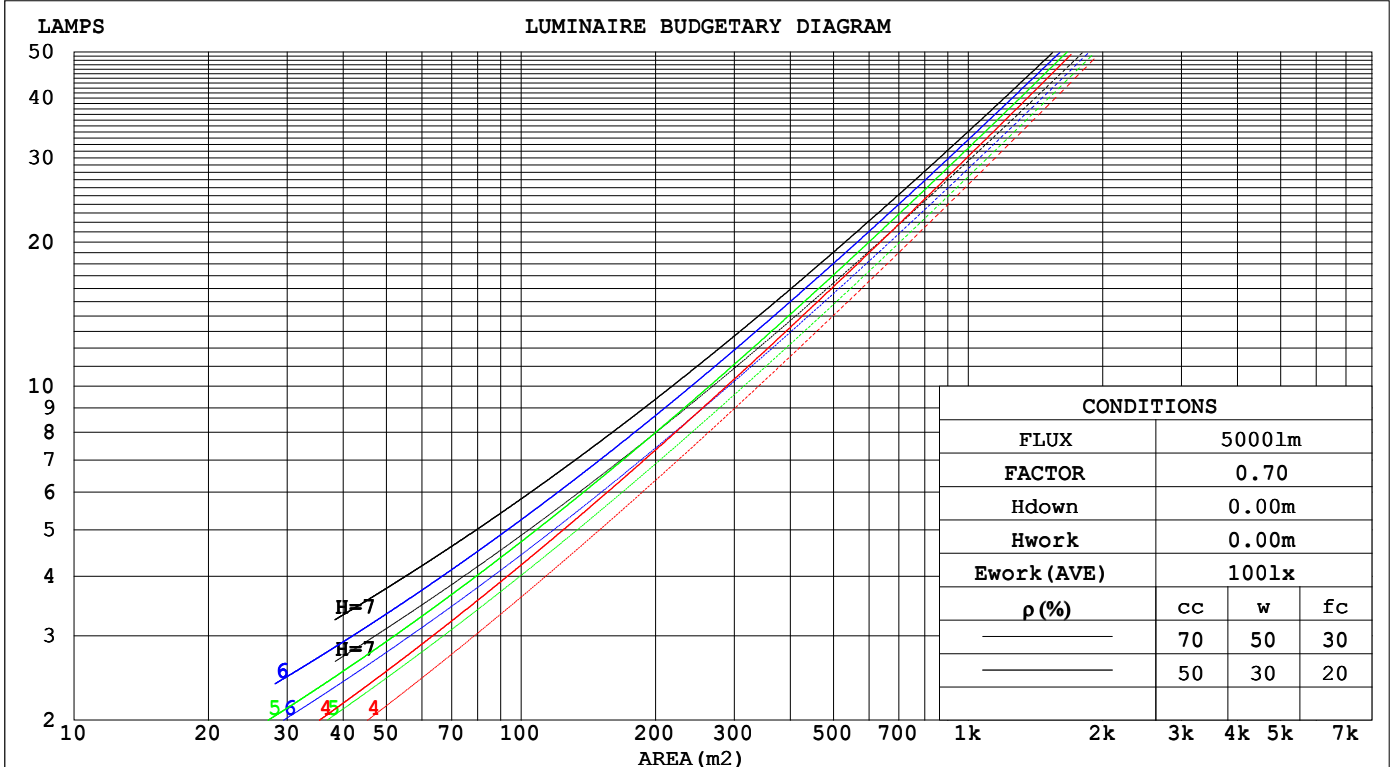
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.1°C  
 Operators:  
 Test Date: 2023-09-06

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.462  
 Humidity: 50.0%  
 Test Distance: 10.240m [K=1.0000]  
 Remarks:

**CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM**

Test:U:230.41V I:0.8699A P:196.26W PF:0.9791 Freq:50.01Hz Lamp Flux:37853.8x1 lm		
NAME: 2400549	TYPE: Lens 90D	WEIGHT:
SPEC.: 4000K-RA80-810L	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.147m*0.147m*3.14	Shielding Angle:

ρcc	80%			70%			50%			30%			10%			0
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	
ρw																0
ρfc																0
RCR	RCR:Room Cavity Ratio															
	Coefficients of Utilization (CU)															
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.01	1.01	1.01	.99
1.0	1.08	1.04	1.01	1.05	1.02	.90	1.01	.99	.96	.97	.95	.93	.93	.92	.91	.89
2.0	.97	.92	.87	.95	.90	.86	.92	.87	.84	.88	.85	.82	.85	.82	.80	.78
3.0	.87	.81	.76	.86	.80	.75	.83	.78	.73	.80	.76	.72	.78	.74	.71	.69
4.0	.79	.72	.66	.78	.71	.66	.75	.69	.65	.73	.68	.64	.71	.67	.63	.61
5.0	.72	.64	.59	.71	.64	.58	.69	.62	.58	.67	.61	.57	.65	.60	.56	.55
6.0	.66	.58	.52	.65	.57	.52	.63	.56	.52	.61	.56	.51	.60	.55	.51	.49
7.0	.60	.52	.47	.59	.52	.47	.58	.51	.46	.56	.50	.46	.55	.50	.46	.44
8.0	.55	.48	.42	.55	.47	.42	.53	.47	.42	.52	.46	.42	.51	.46	.42	.40
9.0	.51	.44	.39	.50	.43	.39	.49	.43	.38	.48	.42	.38	.47	.42	.38	.36
10.0	.47	.40	.35	.47	.40	.35	.46	.39	.35	.45	.39	.35	.44	.39	.35	.33



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.1°C  
 Operators:  
 Test Date:2023-09-06

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.462  
 Humidity:50.0%  
 Test Distance:10.240m [K=1.0000]  
 Remarks:

WEC AND CCEC

Test:U:230.41V I:0.8699A P:196.26W PF:0.9791 Freq:50.01Hz Lamp Flux:37853.8x1 lm		
NAME: 2400549	TYPE: Lens 90D	WEIGHT:
SPEC.: 4000K-RA80-810L	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.147m*0.147m*3.14	Shielding Angle:

ρ <sub>cc</sub>	80%			70%			50%			30%			10%			0
ρ <sub>w</sub>	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ <sub>fc</sub>	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.234	.133	.042	.227	.130	.041	.214	.123	.039	.201	.116	.037	.190	.110	.036	
2.0	.228	.125	.038	.222	.122	.038	.210	.117	.036	.199	.112	.035	.189	.107	.034	
3.0	.217	.115	.035	.212	.113	.034	.202	.109	.033	.192	.105	.032	.183	.102	.031	
4.0	.205	.107	.031	.201	.105	.031	.192	.102	.030	.184	.099	.030	.176	.096	.029	
5.0	.194	.099	.029	.190	.098	.028	.182	.095	.028	.175	.092	.027	.168	.090	.027	
6.0	.184	.092	.026	.180	.091	.026	.173	.089	.026	.166	.086	.025	.160	.084	.025	
7.0	.174	.086	.024	.170	.085	.024	.164	.083	.024	.158	.081	.024	.152	.079	.023	
8.0	.164	.080	.023	.161	.079	.022	.156	.078	.022	.150	.076	.022	.145	.075	.022	
9.0	.156	.075	.021	.153	.075	.021	.148	.073	.021	.143	.072	.021	.139	.070	.020	
10.0	.148	.071	.020	.146	.070	.020	.141	.069	.019	.137	.068	.019	.132	.067	.019	

ρ <sub>cc</sub>	80%			70%			50%			30%			10%			0
ρ <sub>w</sub>	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ <sub>fc</sub>	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.197	.197	.197	.168	.168	.168	.115	.115	.115	.066	.066	.066	.021	.021	.021	
1.0	.182	.163	.147	.155	.140	.126	.106	.096	.087	.061	.056	.051	.020	.018	.016	
2.0	.170	.139	.112	.146	.119	.097	.100	.083	.068	.058	.048	.040	.018	.016	.013	
3.0	.161	.121	.088	.138	.104	.077	.095	.072	.054	.055	.042	.032	.018	.014	.010	
4.0	.153	.107	.071	.131	.092	.062	.090	.064	.044	.052	.038	.026	.017	.012	.008	
5.0	.145	.096	.059	.125	.083	.051	.086	.058	.036	.050	.034	.022	.016	.011	.007	
6.0	.139	.087	.050	.119	.075	.044	.082	.053	.031	.048	.031	.018	.015	.010	.006	
7.0	.133	.080	.043	.114	.069	.038	.079	.049	.027	.046	.029	.016	.015	.009	.005	
8.0	.127	.074	.038	.109	.064	.033	.076	.045	.024	.044	.027	.014	.014	.009	.005	
9.0	.122	.069	.034	.105	.060	.030	.073	.042	.021	.042	.025	.013	.014	.008	.004	
10.0	.117	.065	.031	.101	.057	.027	.070	.040	.019	.041	.024	.011	.013	.008	.004	

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.1℃  
 Operators:  
 Test Date:2023-09-06

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.462  
 Humidity:50.0%  
 Test Distance:10.240m [K=1.0000]  
 Remarks:

**UGR(Unified Glare Rating) Table**

Test:U:230.41V I:0.8699A P:196.26W PF:0.9791 Freq:50.01Hz Lamp Flux:37853.8x1 lm										
NAME: 2400549			TYPE: Lens 90D				WEIGHT:			
SPEC.: 4000K-RA80-810L			DIM.:				SERIAL No.:			
MFR.:			SUR.: 0.147m*0.147m*3.14				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	25.1	26.5	25.5	26.8	27.1	24.6	25.9	25.0	26.3	26.6
3H	25.8	27.0	26.2	27.3	27.7	25.2	26.3	25.6	26.7	27.1
4H	25.9	27.0	26.4	27.4	27.8	25.3	26.4	25.7	26.7	27.2
6H	26.0	27.0	26.4	27.4	27.8	25.3	26.3	25.7	26.7	27.1
8H	26.0	26.9	26.4	27.3	27.8	25.3	26.2	25.7	26.6	27.1
12H	26.0	26.9	26.4	27.3	27.7	25.2	26.2	25.7	26.6	27.0
4H 2H	25.3	26.4	25.7	26.8	27.2	24.8	25.9	25.2	26.3	26.7
3H	26.1	27.0	26.5	27.4	27.8	25.5	26.4	25.9	26.8	27.3
4H	26.3	27.1	26.8	27.6	28.0	25.7	26.5	26.1	26.9	27.4
6H	26.4	27.1	26.9	27.6	28.1	25.8	26.5	26.2	26.9	27.4
8H	26.4	27.1	26.9	27.5	28.0	25.7	26.4	26.2	26.8	27.3
12H	26.4	27.0	26.9	27.5	28.0	25.7	26.3	26.2	26.8	27.3
8H 4H	26.3	27.0	26.8	27.4	27.9	25.7	26.3	26.2	26.8	27.3
6H	26.5	27.0	27.0	27.5	28.0	25.8	26.3	26.3	26.8	27.3
8H	26.5	26.9	27.0	27.5	28.0	25.8	26.2	26.3	26.8	27.3
12H	26.4	26.9	27.0	27.4	28.0	25.7	26.1	26.3	26.7	27.2
12H 4H	26.3	26.9	26.8	27.4	27.9	25.7	26.2	26.2	26.7	27.2
6H	26.4	26.9	27.0	27.4	27.9	25.7	26.2	26.3	26.7	27.3
8H	26.4	26.9	27.0	27.4	28.0	25.7	26.2	26.3	26.7	27.3
CIE190: 2010										

CIE190: 2010  
Area: 0.0678523 m2

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.1°C  
Operators:  
Test Date:2023-09-06

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.462  
Humidity:50.0%  
Test Distance:10.240m [K=1.0000]  
Remarks:

**UTILIZATION FACTORS TABLE**

Test:U:230.41V I:0.8699A P:196.26W PF:0.9791 Freq:50.01Hz Lamp Flux:37853.8x1 lm		
NAME: 2400549	TYPE: Lens 90D	WEIGHT:
SPEC.: 4000K-RA80-810L	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.147m*0.147m*3.14	Shielding Angle:

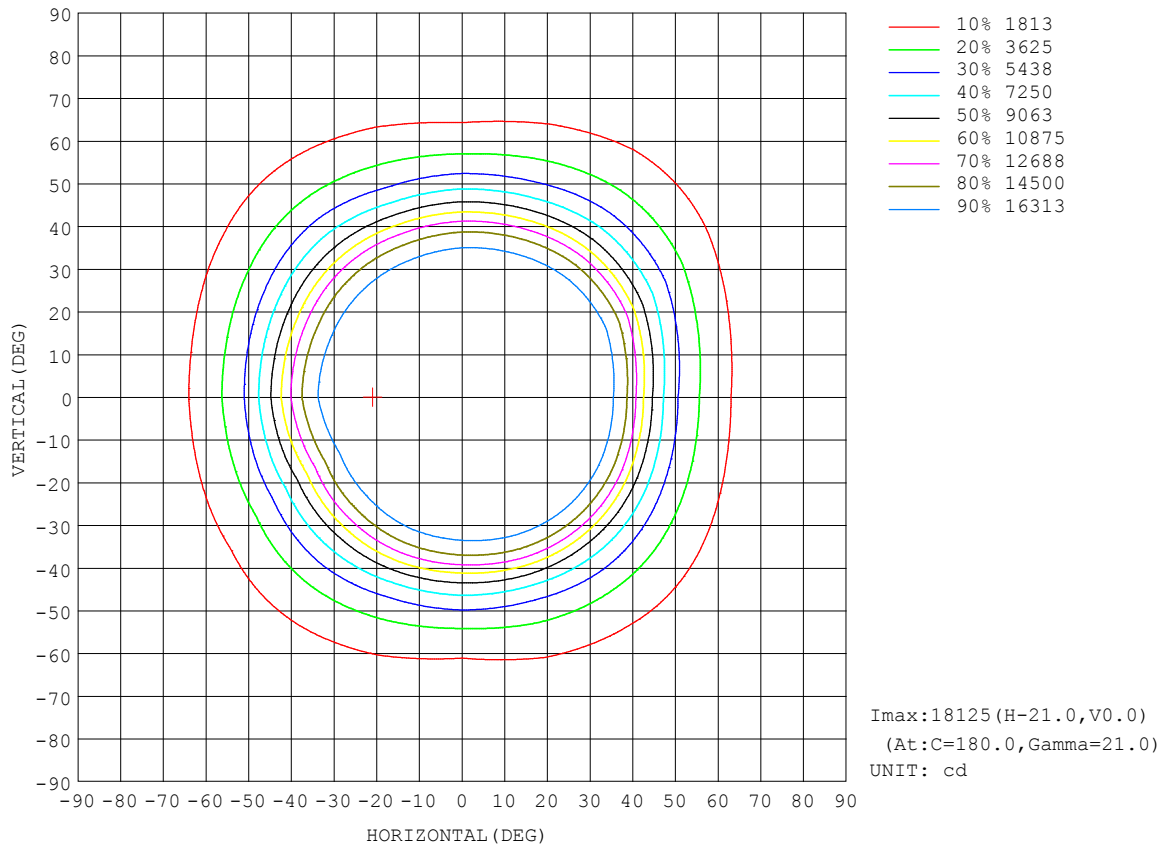
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	70	60	54	69	60	54	68	59	54	49
0.80	79	70	64	78	70	64	77	69	64	58
1.00	87	78	73	86	78	73	84	78	72	66
1.25	93	85	80	92	84	79	89	83	79	73
1.50	97	90	85	96	89	84	93	87	83	77
2.00	102	96	91	100	95	90	97	93	89	82
2.50	105	99	95	103	98	94	99	95	92	85
3.00	107	102	98	105	101	97	101	98	95	87
4.00	110	106	103	108	104	101	104	101	98	90
5.00	112	108	105	109	106	104	105	103	100	92
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: 25.1°C  
 Operators:  
 Test Date: 2023-09-06

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.462  
 Humidity: 50.0%  
 Test Distance: 10.240m [K=1.0000]  
 Remarks:

**ISOCANDELA DIAGRAM**

Test:U:230.41V I:0.8699A P:196.26W PF:0.9791 Freq:50.01Hz Lamp Flux:37853.8x1 lm		
NAME: 2400549	TYPE: Lens 90D	WEIGHT:
SPEC.: 4000K-RA80-810L	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.147m*0.147m*3.14	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.1°C  
Operators:  
Test Date:2023-09-06

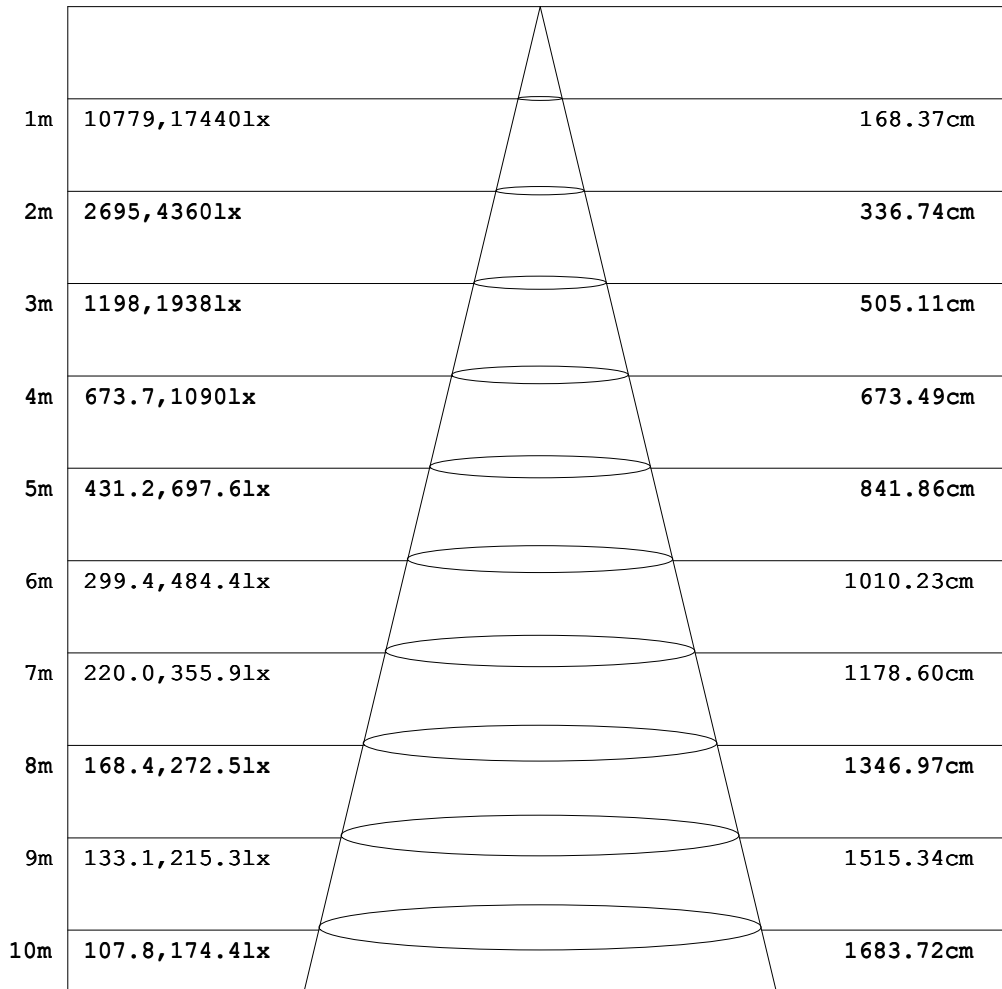
γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.462  
Humidity:50.0%  
Test Distance:10.240m [K=1.0000]  
Remarks:



**AAI Figure**

Test:U:230.41V I:0.8699A P:196.26W PF:0.9791 Freq:50.01Hz Lamp Flux:37853.8x1 lm		
NAME: 2400549	TYPE: Lens 90D	WEIGHT:
SPEC.: 4000K-RA80-810L	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.147m*0.147m*3.14	Shielding Angle:

Flux out:25589 lm



Height                      Eavg, Emax                      Angle:80.19deg                      Diameter

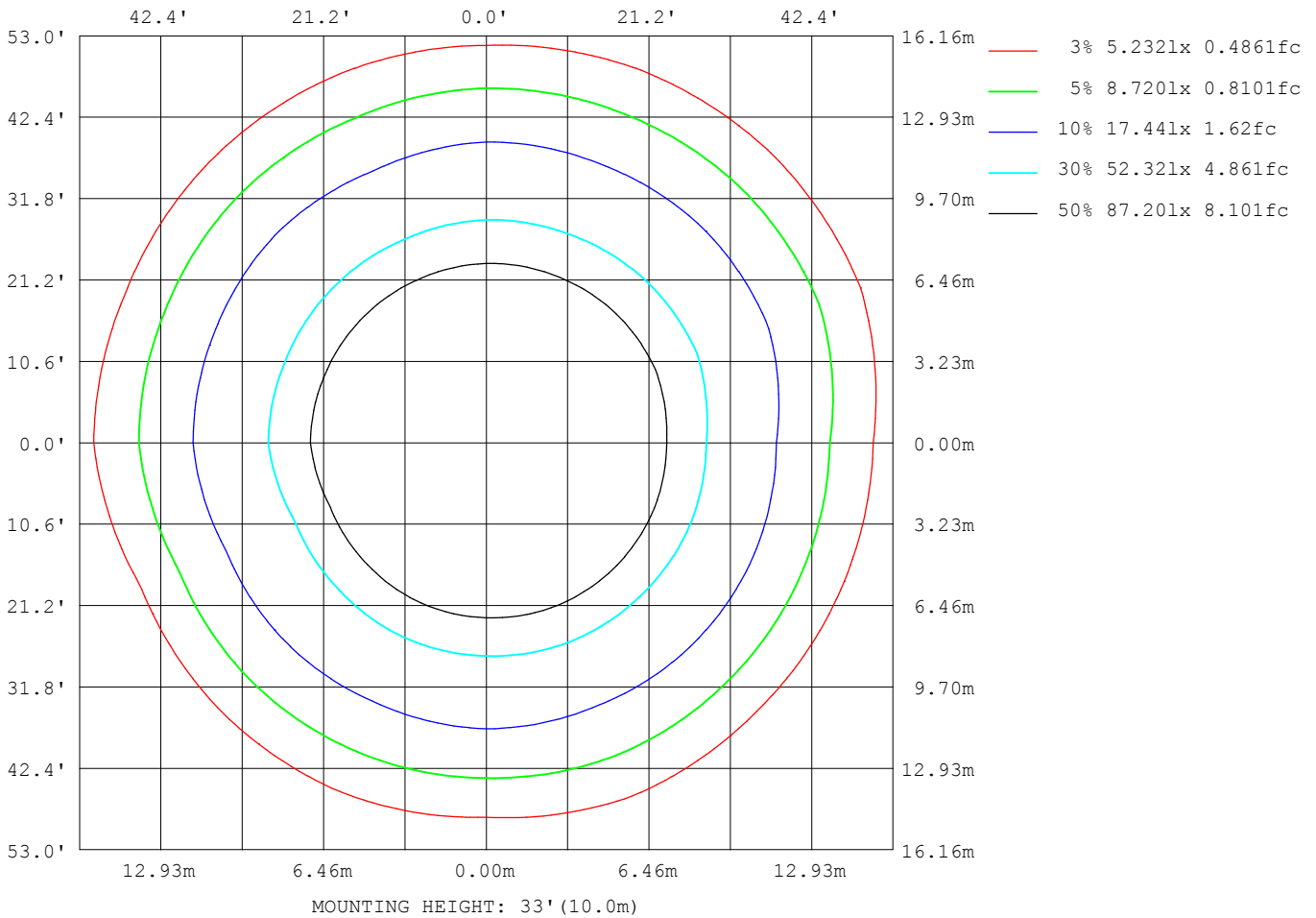
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.1°C  
Operators:  
Test Date:2023-09-06

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.462  
Humidity:50.0%  
Test Distance:10.240m [K=1.0000]  
Remarks:

**ISOLUX DIAGRAM**

Test:U:230.41V I:0.8699A P:196.26W PF:0.9791 Freq:50.01Hz Lamp Flux:37853.8x1 lm		
NAME: 2400549	TYPE: Lens 90D	WEIGHT:
SPEC.: 4000K-RA80-810L	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.147m*0.147m*3.14	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.1 °C  
 Operators:  
 Test Date: 2023-09-06

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.462  
 Humidity: 50.0%  
 Test Distance: 10.240m [K=1.0000]  
 Remarks:

LED Avg.L Report

Test:U:230.41V I:0.8699A P:196.26W PF:0.9791 Freq:50.01Hz Lamp Flux:37853.8x1 lm		
NAME: 2400549	TYPE: Lens 90D	WEIGHT:
SPEC.: 4000K-RA80-810L	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.147m*0.147m*3.14	Shielding Angle:

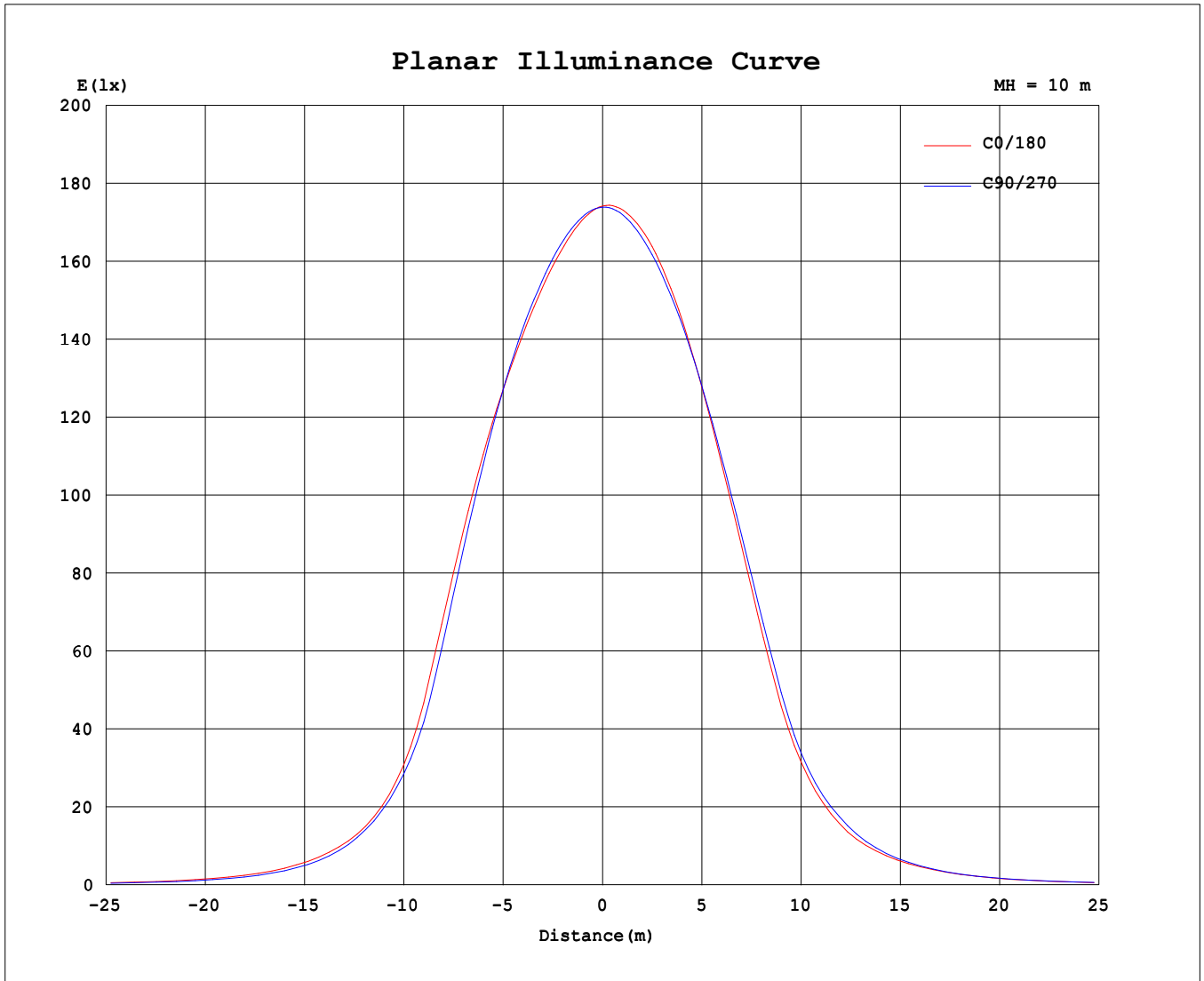
AvgL	cd/m2
L_0~180 (65) av	55145
L_0~180 (75) av	31652
L_0~180 (85) av	12072
L_90~270 (65) av	51016
L_90~270 (75) av	30102
L_90~270 (85) av	13263
L_45 (65) av	57117
L_45 (75) av	33270
L_45 (85) av	13218

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.1℃  
 Operators:  
 Test Date:2023-09-06

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.462  
 Humidity:50.0%  
 Test Distance:10.240m [K=1.0000]  
 Remarks:

**Planar Illuminance Curve**



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.1 °C  
 Operators:  
 Test Date: 2023-09-06

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.462  
 Humidity: 50.0%  
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 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

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NAME: 2400549	TYPE: Lens 90D	WEIGHT:
SPEC.: 4000K-RA80-810L	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.147m*0.147m*3.14	Shielding Angle:

Table--1

UNIT: X10cd

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	1742	1740	1739	1738	1739	1739	1740	1739	1742	1740	1739	1738	1739	1739	1740	1739			
5	1733	1730	1731	1734	1740	1745	1751	1754	1756	1755	1752	1749	1745	1739	1735	1730			
10	1732	1729	1732	1738	1748	1758	1768	1775	1776	1775	1772	1765	1757	1747	1737	1729			
15	1742	1739	1744	1751	1763	1776	1788	1796	1798	1798	1795	1786	1775	1761	1748	1737			
20	1759	1757	1761	1769	1781	1790	1798	1802	1812	1812	1810	1803	1793	1778	1764	1753			
25	1775	1775	1779	1782	1785	1784	1778	1772	1800	1798	1799	1798	1798	1790	1779	1771			
30	1764	1766	1762	1751	1734	1718	1688	1673	1735	1730	1734	1741	1755	1761	1769	1772			
35	1652	1650	1630	1605	1566	1531	1481	1458	1581	1569	1579	1596	1631	1652	1681	1698			
40	1339	1335	1288	1256	1200	1164	1105	1086	1278	1262	1281	1302	1359	1396	1446	1471			
45	875	865	832	819	809	775	758	757	892	881	894	903	958	983	1021	1034			
50	571	571	557	532	537	511	517	506	597	600	624	607	662	665	699	701			
55	382	368	358	359	336	343	342	330	401	398	411	414	433	445	465	467			
60	244	236	228	235	204	224	219	211	264	257	270	281	273	300	308	301			
65	151	148	144	147	124	140	138	131	165	162	173	181	169	194	200	187			
70	93.2	91.6	89.6	89.8	75.7	84.3	84.1	79.4	103	102	110	114	106	120	126	116			
75	51.5	51.5	49.9	48.5	42.0	45.1	44.5	43.3	59.6	60.5	65.5	66.7	63.7	70.5	73.8	68.8			
80	24.9	23.8	21.8	20.8	19.1	19.9	18.9	19.6	29.6	31.1	33.4	34.3	34.4	36.8	38.3	37.0			
85	5.06	4.64	3.52	3.13	2.62	2.63	2.27	2.65	9.22	9.45	10.8	11.7	13.1	13.6	14.6	13.6			
90	0.47	0.47	0.49	0.49	0.51	0.52	0.54	0.52	0.41	0.43	0.41	0.44	0.44	0.46	0.64	0.46			
95	0.68	0.68	0.71	0.72	0.74	0.76	0.80	0.78	0.55	0.54	0.52	0.52	0.50	0.50	0.49	0.49			
100	1.03	1.02	1.07	1.08	1.12	1.15	1.20	1.17	0.82	0.82	0.78	0.78	0.74	0.75	0.73	0.74			
105	1.57	1.53	1.60	1.61	1.71	1.72	1.82	1.77	1.25	1.25	1.19	1.18	1.13	1.13	1.10	1.11			
110	2.29	2.25	2.35	2.35	2.48	2.51	2.62	2.60	1.89	1.88	1.83	1.79	1.75	1.70	1.68	1.65			
115	3.23	3.20	3.31	3.32	3.47	3.52	3.66	3.66	2.74	2.72	2.63	2.59	2.52	2.47	2.42	2.39			
120	4.37	4.34	4.43	4.47	4.65	4.72	4.88	4.89	3.72	3.70	3.60	3.54	3.45	3.39	3.30	3.28			
125	5.68	5.63	5.72	5.78	5.97	6.07	6.24	6.26	4.78	4.75	4.65	4.59	4.45	4.41	4.29	4.26			
130	7.04	6.99	7.08	7.15	7.34	7.45	7.63	7.67	5.84	5.82	5.73	5.65	5.53	5.47	5.34	5.30			
135	8.35	8.32	8.39	8.47	8.62	8.74	8.89	8.95	6.87	6.85	6.77	6.68	6.56	6.51	6.38	6.34			
140	9.49	9.47	9.54	9.60	9.71	9.80	9.92	9.96	7.83	7.81	7.72	7.65	7.53	7.48	7.37	7.33			
145	10.4	10.4	10.5	10.5	10.6	10.7	10.8	10.8	8.78	8.72	8.63	8.56	8.44	8.38	8.30	8.26			
150	11.3	11.3	11.3	11.3	11.4	11.5	11.5	11.5	9.75	9.67	9.57	9.50	9.38	9.32	9.24	9.21			
155	12.1	12.1	12.2	12.2	12.2	12.3	12.4	12.4	10.7	10.7	10.5	10.5	10.3	10.3	10.2	10.2			
160	13.0	13.0	13.0	13.0	13.1	13.2	13.3	13.3	11.8	11.7	11.6	11.5	11.4	11.3	11.2	11.1			
165	13.9	13.8	13.9	13.9	14.0	14.0	14.1	14.1	12.9	12.9	12.7	12.7	12.5	12.4	12.3	12.3			
170	14.6	14.6	14.6	14.6	14.7	14.7	14.7	14.8	14.1	14.1	14.0	14.0	13.8	13.7	13.7	13.6			
175	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.0	15.0	14.9	14.9	14.8	14.8	14.7			
180	15.3	15.3	15.2	15.2	15.2	15.2	15.2	15.1	15.3	15.3	15.2	15.2	15.2	15.2	15.2	15.1			

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