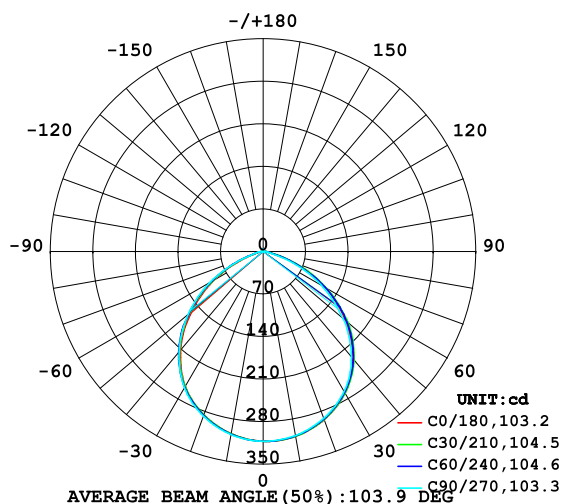


LUMINAIRE PHOTOMETRIC TEST REPORT

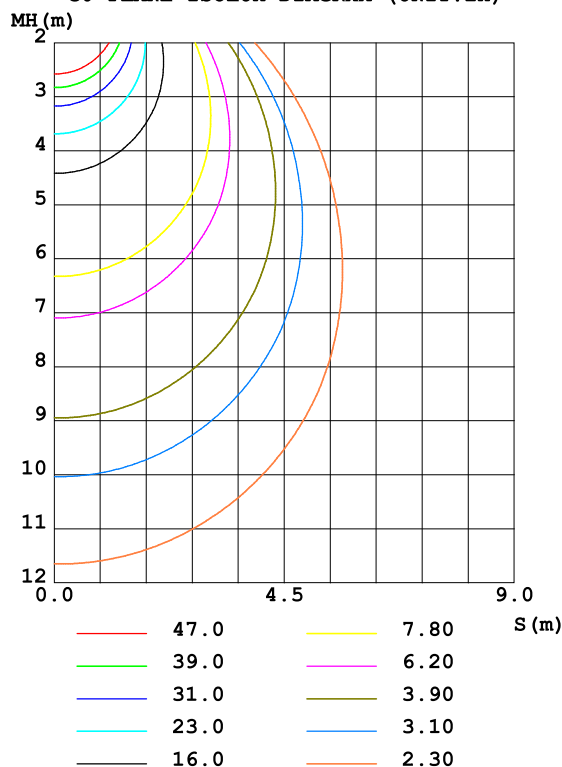
Test:U:121.10V I:0.0830A P:9.8000W PF:0.9720 Freq:60.00Hz Lamp Flux:784.824x1 lm		
NAME: 4 inch Square Retrofit Kit	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:58.8	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 80.08 lm/W			
MODEL		I _{max} (cd)	312.5	S/MH (C0/180)	1.22
NOMINAL POWER (W)	10	LOR (%)	100.0	S/MH (C90/270)	1.24
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	784.82	η UP, DN (C0-180)	0.9, 50.5
NOMINAL FLUX (lm)	784.824	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.8, 47.7
LAMPS INSIDE	1	η up (%)	1.8	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	120.0	η down (%)	98.2	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2024-09-06

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity: 65.0%
Test Distance: 7.074m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

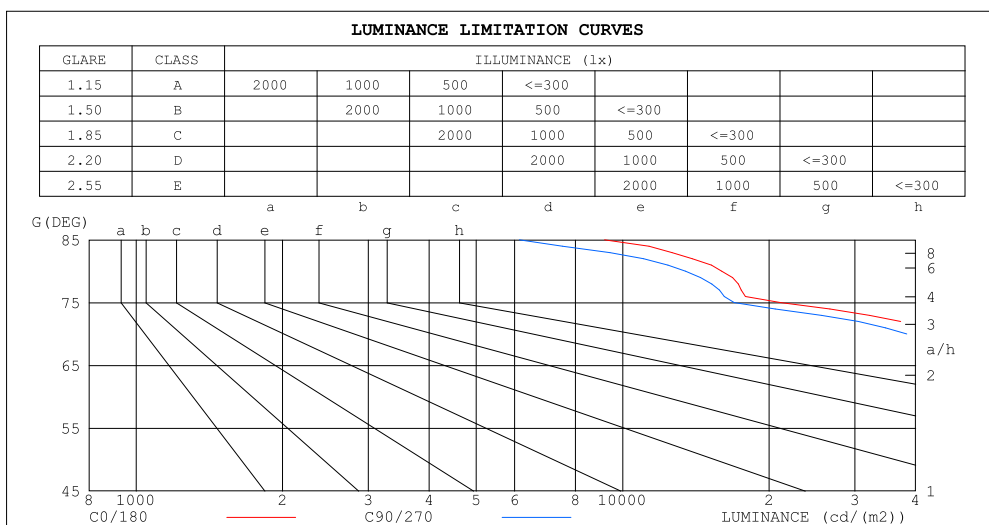
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	308.7	308.4	307.4	305.9	304.5	304.8	305.8	307.1	0- 10	29.53	29.53	3.76,3.76
20	294.2	293.6	292.0	289.0	286.1	286.4	288.3	290.9	10- 20	84.55	114.1	14.5,14.5
30	269.3	268.8	266.3	262.0	256.4	257.5	259.0	264.2	20- 30	128.0	242.1	30.8,30.8
40	229.6	232.0	226.1	222.4	211.4	215.1	215.3	224.7	30- 40	152.7	394.9	50.3,50.3
50	177.6	181.3	171.6	167.9	153.3	159.1	161.2	171.9	40- 50	151.8	546.6	69.7,69.7
60	117.1	118.8	109.4	105.3	91.44	96.21	99.77	110.0	50- 60	123.2	669.9	85.4,85.4
70	52.52	54.33	45.89	42.22	30.23	35.23	36.37	47.43	60- 70	73.42	743.3	94.7,94.7
80	9.718	11.22	8.180	9.664	7.054	8.567	9.072	10.28	70- 80	22.97	766.3	97.6,97.6
90	1.602	2.207	1.573	1.713	0.9234	1.080	0.9453	1.063	80- 90	4.617	770.9	98.2,98.2
100	1.748	1.828	1.778	1.871	1.271	1.330	1.214	1.252	90-100	1.543	772.4	98.4,98.4
110	1.983	2.045	2.010	2.112	1.670	1.701	1.601	1.647	100-110	1.797	774.2	98.7,98.7
120	2.205	2.302	2.226	2.331	2.057	2.073	1.988	2.041	110-120	1.995	776.2	98.9,98.9
130	2.396	2.505	2.411	2.523	2.405	2.425	2.338	2.412	120-130	2.065	778.3	99.2,99.2
140	2.576	2.658	2.613	2.748	2.728	2.755	2.664	2.761	130-140	1.989	780.3	99.4,99.4
150	2.822	2.857	2.854	2.956	3.067	3.086	3.000	3.113	140-150	1.784	782.1	99.6,99.6
160	3.171	3.160	3.194	3.214	3.401	3.355	3.334	3.302	150-160	1.441	783.5	99.8,99.8
170	3.515	3.481	3.513	3.509	3.659	3.598	3.597	3.568	160-170	0.9637	784.5	100,100
180	3.721	3.672	3.687	3.676	3.732	3.678	3.690	3.680	170-180	0.3447	784.8	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-09-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.074m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:121.10V I:0.0830A P:9.8000W PF:0.9720 Freq:60.00Hz Lamp Flux:784.824x1 lm		
NAME: 4 inch Square Retrofit Kit	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:58.8	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	9180	6131
80	15980	13462
75	21115	16959
70	43854	38340
65	56465	52267
60	66852	62550
55	73724	70036
50	78899	76268
45	82714	81105

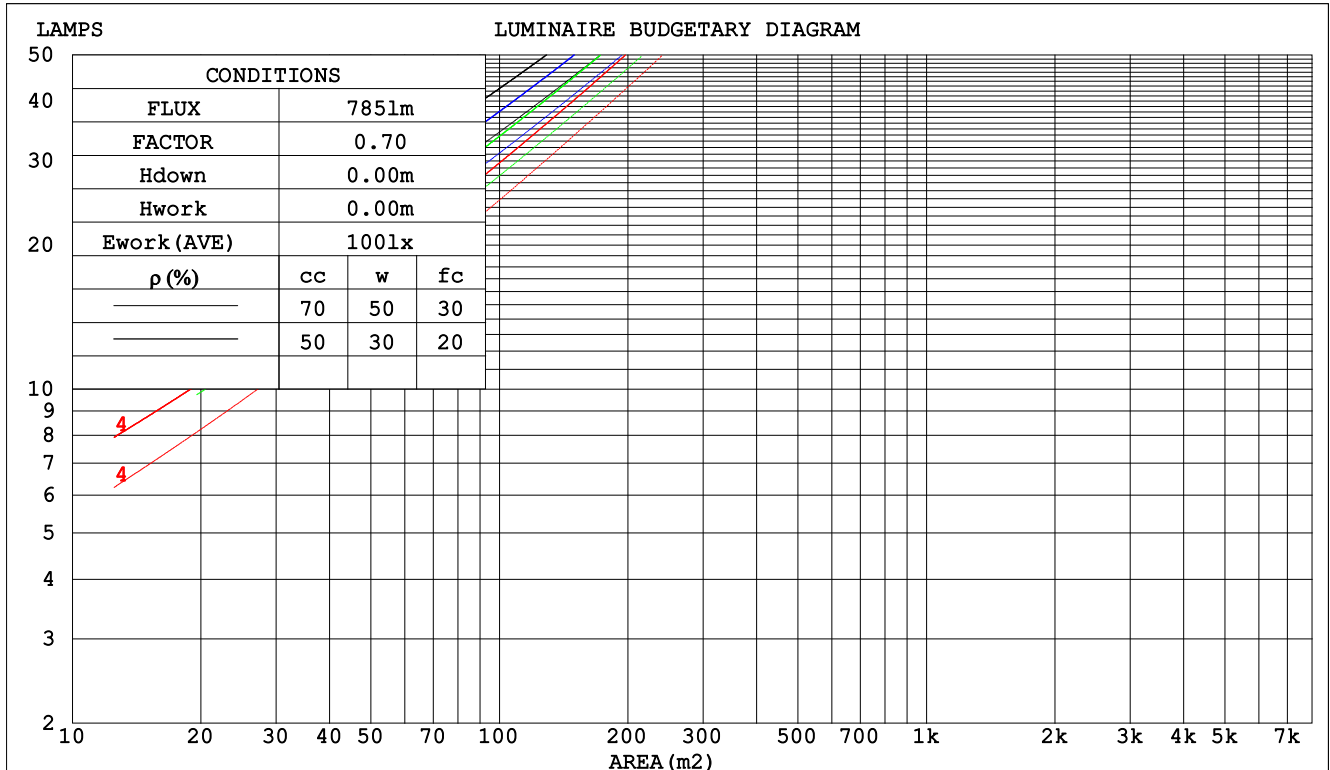
C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2024-09-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:7.074m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:121.10V I:0.0830A P:9.8000W PF:0.9720 Freq:60.00Hz Lamp Flux:784.824x1 lm		
NAME: 4 inch Square Retrofit Kit	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:58.8	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
p _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
p _{fc}	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	1.06	1.02	.99	1.03	.90	.97	.99	.96	.93	.95	.92	.90	.91	.89	.87	.85
2.0	.93	.87	.82	.91	.86	.81	.88	.83	.79	.84	.80	.77	.81	.78	.75	.73
3.0	.83	.75	.69	.81	.74	.69	.78	.72	.67	.75	.70	.66	.72	.68	.65	.62
4.0	.74	.66	.59	.72	.65	.59	.70	.63	.58	.67	.62	.57	.65	.60	.56	.54
5.0	.66	.58	.52	.65	.57	.51	.63	.56	.51	.61	.55	.50	.59	.53	.49	.47
6.0	.60	.51	.45	.59	.51	.45	.57	.50	.44	.55	.49	.44	.53	.48	.43	.41
7.0	.54	.46	.40	.53	.46	.40	.52	.45	.40	.50	.44	.39	.49	.43	.39	.37
8.0	.50	.42	.36	.49	.41	.36	.47	.40	.35	.46	.40	.35	.45	.39	.35	.33
9.0	.46	.38	.32	.45	.37	.32	.44	.37	.32	.43	.36	.32	.41	.36	.31	.30
10.0	.42	.34	.29	.42	.34	.29	.40	.34	.29	.39	.33	.29	.38	.33	.29	.27



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2024-09-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:7.074m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:121.10V I:0.0830A P:9.8000W PF:0.9720 Freq:60.00Hz Lamp Flux:784.824x1 lm									
NAME: 4 inch Square Retrofit Kit					TYPE:			WEIGHT:	
SPEC.:5000K					DIM.:			SERIAL No.:	
MFR.: EVERFINE					SUR.:58.8			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						Wall Exitance Coeffcients(WEC)										
0.0																	
1.0	.267	.152	.048	.260	.148	.047	.246	.141	.045	.233	.134	.043	.221	.128	.041		
2.0	.259	.142	.044	.253	.139	.043	.240	.134	.042	.229	.128	.040	.219	.124	.039		
3.0	.245	.130	.039	.239	.128	.039	.228	.124	.038	.218	.120	.037	.209	.116	.036		
4.0	.230	.119	.035	.225	.118	.035	.215	.114	.034	.206	.111	.033	.198	.107	.033		
5.0	.215	.110	.032	.210	.108	.031	.202	.105	.031	.194	.102	.030	.186	.100	.030		
6.0	.201	.101	.029	.197	.100	.029	.189	.097	.028	.182	.095	.028	.175	.092	.027		
7.0	.189	.093	.026	.185	.092	.026	.178	.090	.026	.172	.088	.026	.166	.086	.025		
8.0	.177	.087	.024	.174	.086	.024	.168	.084	.024	.162	.082	.024	.156	.080	.023		
9.0	.167	.081	.023	.164	.080	.022	.158	.078	.022	.153	.077	.022	.148	.075	.022		
10.0	.158	.076	.021	.155	.075	.021	.150	.073	.021	.145	.072	.020	.140	.071	.020		

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	.204	.204	.204	.174	.174	.174	.119	.119	.119	.068	.068	.068	.022	.022	.022		
1.0	.191	.170	.151	.163	.146	.130	.112	.100	.090	.064	.058	.052	.021	.019	.017		
2.0	.182	.146	.116	.156	.125	.100	.107	.087	.070	.061	.051	.041	.020	.016	.013		
3.0	.173	.128	.092	.149	.110	.079	.102	.077	.056	.059	.045	.033	.019	.015	.011		
4.0	.166	.114	.075	.142	.099	.065	.098	.069	.046	.057	.040	.027	.018	.013	.009		
5.0	.159	.104	.063	.136	.090	.055	.094	.063	.039	.054	.037	.023	.018	.012	.008		
6.0	.152	.095	.055	.131	.083	.048	.090	.058	.034	.052	.034	.020	.017	.011	.007		
7.0	.146	.089	.049	.125	.077	.042	.087	.054	.030	.050	.032	.018	.016	.010	.006		
8.0	.140	.083	.044	.120	.072	.038	.083	.050	.027	.048	.030	.016	.016	.010	.005		
9.0	.134	.078	.040	.115	.068	.035	.080	.047	.025	.047	.028	.015	.015	.009	.005		
10.0	.128	.074	.037	.111	.064	.032	.077	.045	.023	.045	.027	.014	.015	.009	.005		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-09-06

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.074m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:121.10V I:0.0830A P:9.8000W PF:0.9720 Freq:60.00Hz Lamp Flux:784.824x1 lm										
NAME: 4 inch Square Retrofit Kit					TYPE:			WEIGHT:		
SPEC.:5000K					DIM.:			SERIAL No.:		
MFR.: EVERFINE					SUR.:58.8			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	28.8	30.2	29.0	30.4	30.6	28.6	30.0	28.9	30.2	30.4
3H	29.6	30.9	29.9	31.2	31.4	29.3	30.6	29.6	30.9	31.1
4H	29.7	30.9	30.1	31.2	31.5	29.4	30.6	29.7	30.9	31.2
6H	29.7	30.8	30.1	31.1	31.4	29.3	30.5	29.7	30.8	31.1
8H	29.7	30.8	30.0	31.1	31.4	29.3	30.4	29.7	30.7	31.0
12H	29.6	30.7	30.0	31.0	31.3	29.3	30.3	29.6	30.6	31.0
4H 2H	29.2	30.4	29.5	30.7	31.0	29.0	30.2	29.4	30.5	30.8
3H	30.2	31.2	30.6	31.6	31.9	29.9	31.0	30.3	31.3	31.6
4H	30.3	31.3	30.7	31.6	32.0	30.0	31.0	30.4	31.3	31.7
6H	30.4	31.2	30.8	31.6	32.0	30.0	30.8	30.4	31.2	31.6
8H	30.4	31.1	30.8	31.5	31.9	30.0	30.8	30.4	31.2	31.6
12H	30.3	31.0	30.8	31.5	31.9	30.0	30.7	30.4	31.1	31.5
8H 4H	30.4	31.1	30.8	31.5	32.0	30.0	30.8	30.5	31.2	31.6
6H	30.4	31.1	30.9	31.5	32.0	30.1	30.7	30.6	31.2	31.6
8H	30.4	31.0	30.9	31.5	32.0	30.1	30.7	30.6	31.1	31.6
12H	30.4	30.9	31.0	31.4	31.9	30.1	30.6	30.6	31.0	31.5
12H 4H	30.3	31.0	30.8	31.4	31.9	30.0	30.7	30.5	31.1	31.6
6H	30.4	31.0	30.9	31.4	31.9	30.1	30.6	30.6	31.1	31.6
8H	30.4	30.9	30.9	31.4	31.9	30.1	30.6	30.6	31.0	31.6
Variations with the observer position at spacings:										
S = 1.0H	+ 0.3 / - 0.4					+ 0.4 / - 0.5				
1.5H	+ 0.3 / - 0.6					+ 0.3 / - 0.6				
2.0H	+ 0.6 / - 0.6					+ 0.5 / - 0.7				

CIE Pub.117, 784.8 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.8)
Area: 0.0035 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-09-06

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.074m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:121.10V I:0.0830A P:9.8000W PF:0.9720 Freq:60.00Hz Lamp Flux:784.824x1 lm		
NAME: 4 inch Square Retrofit Kit	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:58.8	Shielding Angle:

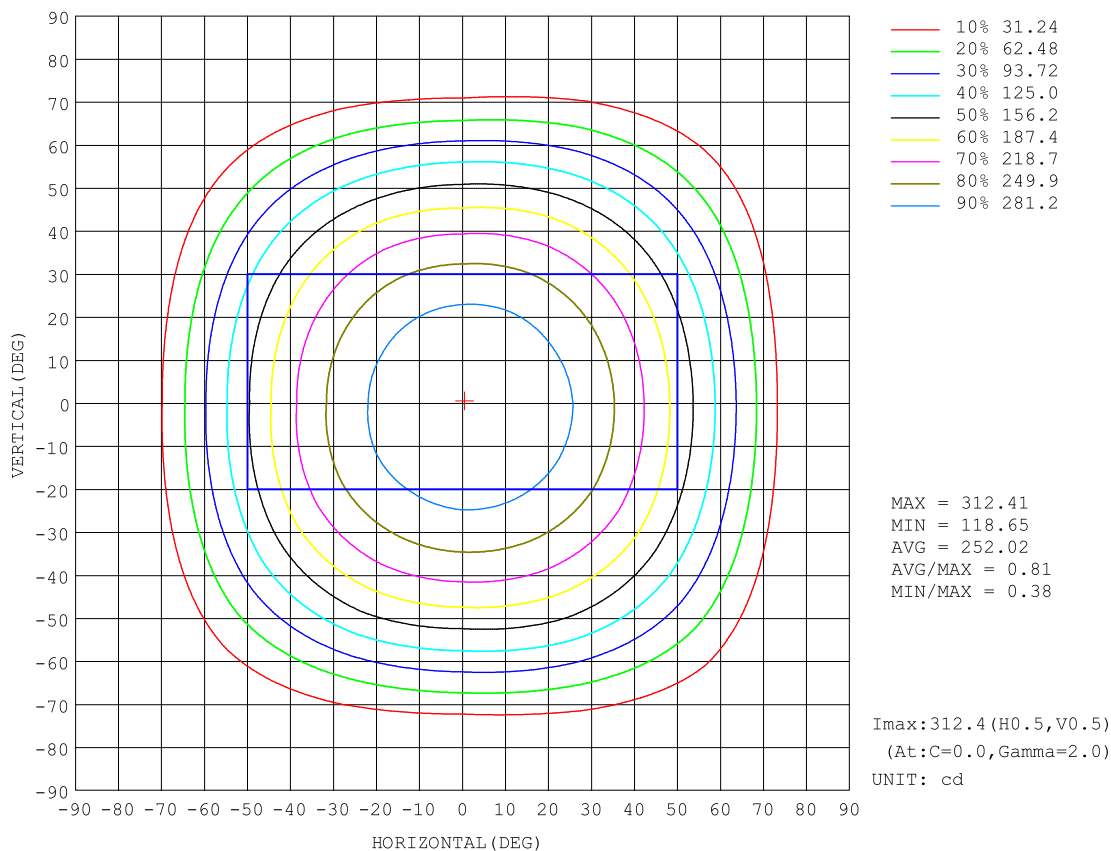
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	60	49	43	60	49	43	58	48	42	36
0.80	71	60	53	70	59	53	68	59	52	46
1.00	79	69	62	78	69	62	76	70	61	55
1.25	86	77	70	85	76	70	82	75	69	62
1.50	91	82	76	90	81	75	86	79	74	67
2.00	98	90	84	96	89	83	92	86	82	74
2.50	101	94	89	99	93	88	95	90	86	78
3.00	104	98	93	102	96	92	98	93	90	81
4.00	108	103	99	105	101	97	101	97	94	85
5.00	110	106	102	107	103	100	103	100	97	88
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHR NOM = 1.25		

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2024-09-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:7.074m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:121.10V I:0.0830A P:9.8000W PF:0.9720 Freq:60.00Hz Lamp Flux:784.824x1 lm		
NAME: 4 inch Square Retrofit Kit	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:58.8	Shielding Angle:

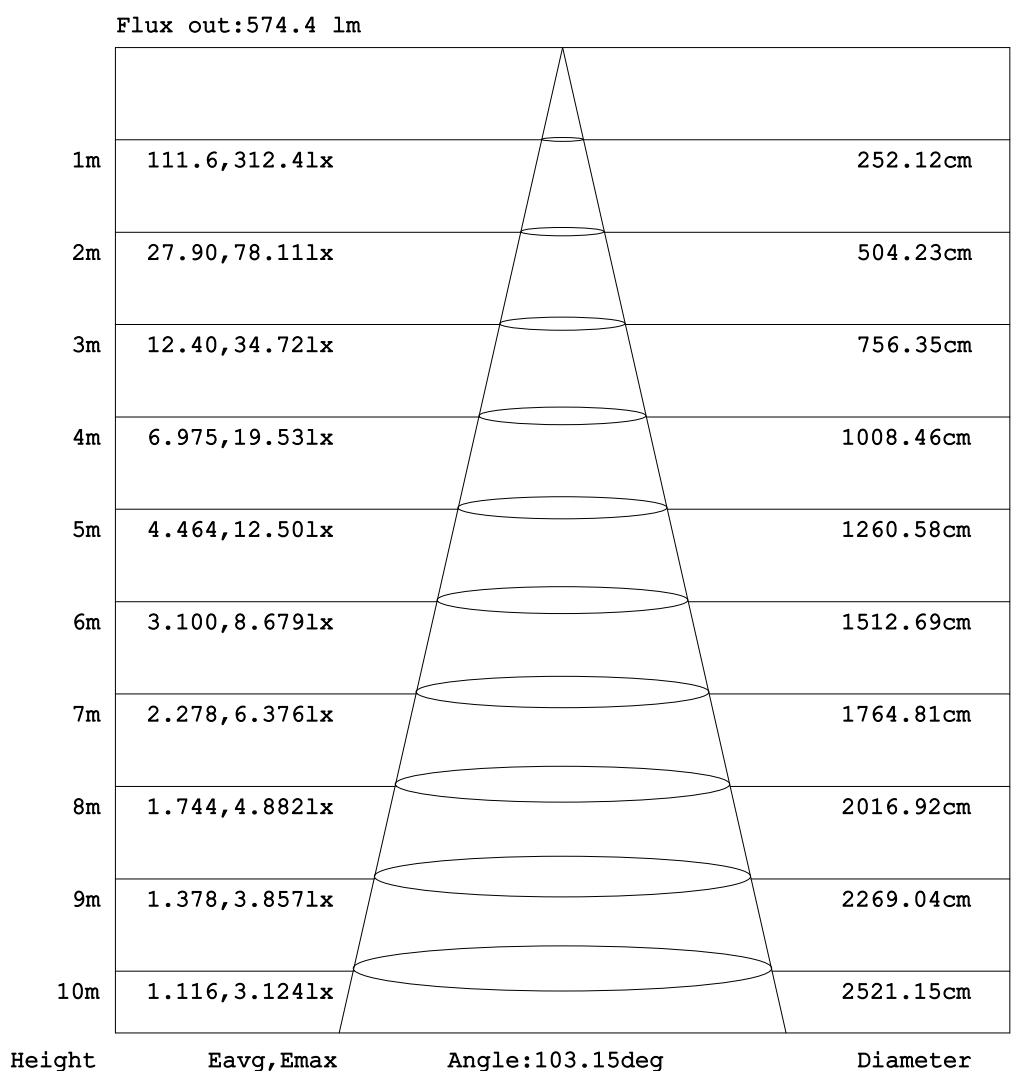


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-09-06

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.074m [K=1.0000]
Remarks:

AAI Figure

Test:U:121.10V I:0.0830A P:9.8000W PF:0.9720 Freq:60.00Hz Lamp Flux:784.824x1 lm		
NAME: 4 inch Square Retrofit Kit	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:58.8	Shielding Angle:



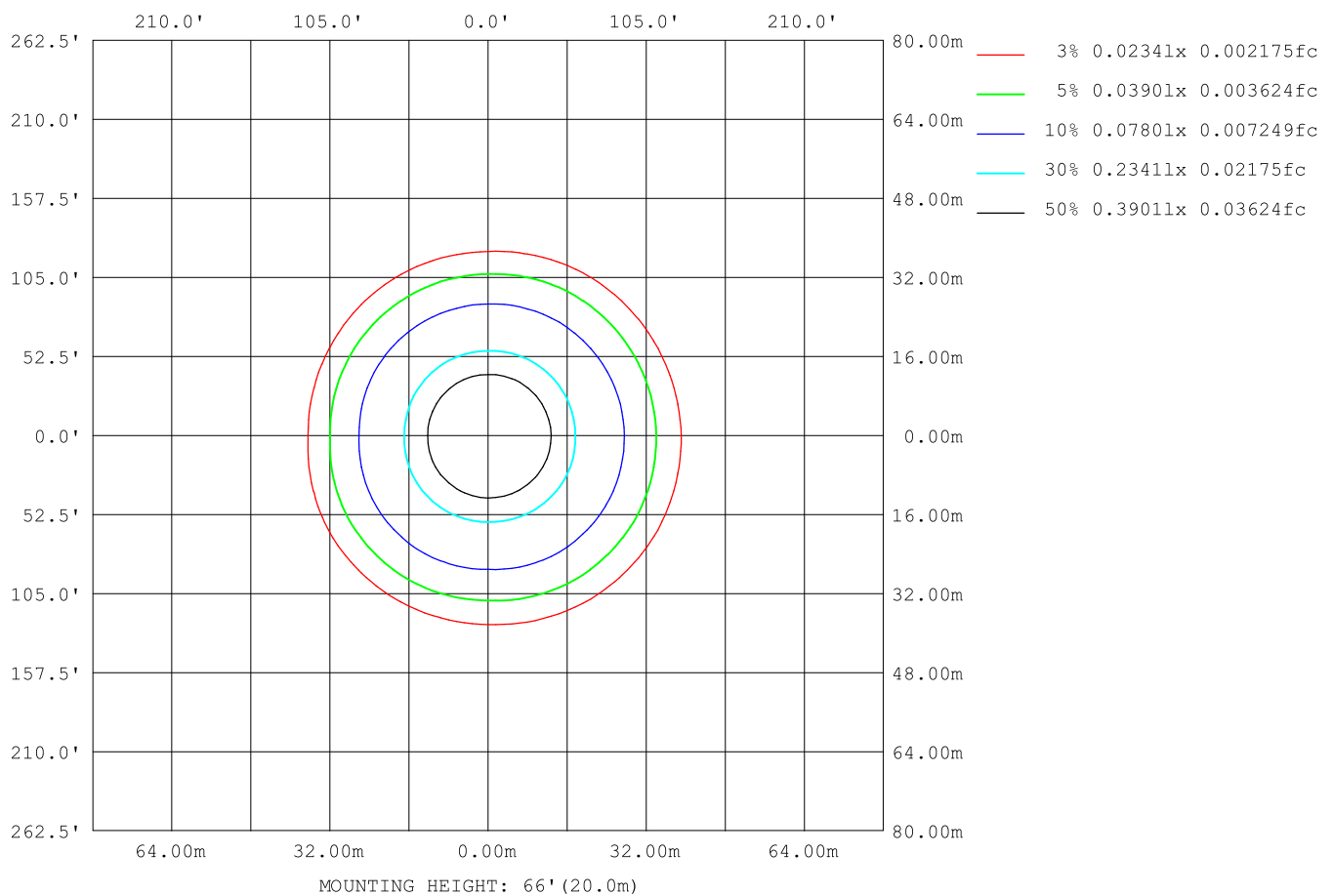
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2024-09-06

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity: 65.0%
Test Distance: 7.074m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:121.10V I:0.0830A P:9.8000W PF:0.9720 Freq:60.00Hz Lamp Flux:784.824x1 lm		
NAME: 4 inch Square Retrofit Kit	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:58.8	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-09-06

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.074m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:121.10V I:0.0830A P:9.8000W PF:0.9720 Freq:60.00Hz Lamp Flux:784.824x1 lm		
NAME: 4 inch Square Retrofit Kit	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:58.8	Shielding Angle:

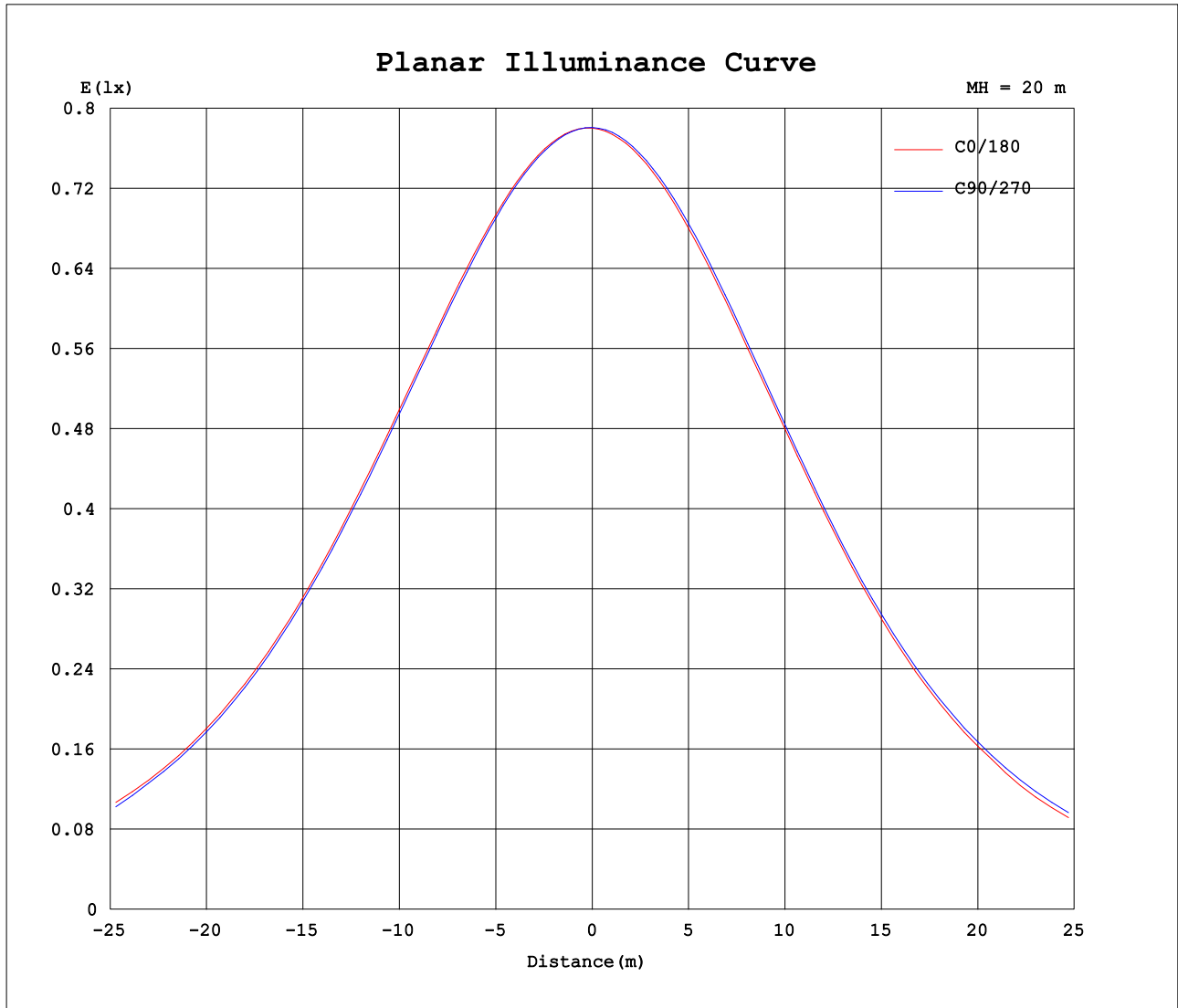
AvgL	cd/m2
L_0~180 (65) av	48383
L_0~180 (75) av	17652
L_0~180 (85) av	6427
L_90~270 (65) av	48700
L_90~270 (75) av	16195
L_90~270 (85) av	6765
L_45 (65) av	50910
L_45 (75) av	23280
L_45 (85) av	14463

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-09-06

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.074m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2024-09-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity: 65.0%
Test Distance: 7.074m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:121.10V I:0.0830A P:9.8000W PF:0.9720 Freq:60.00Hz Lamp Flux:784.824x1 lm		
NAME: 4 inch Square Retrofit Kit	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:58.8	Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	312	312	312	312	312	312	312	312	312	312	312	312							
5	312	312	312	311	311	310	310	310	310	310	310	311							
10	309	309	308	307	306	306	304	304	305	306	307	307							
15	303	303	302	301	299	298	296	296	297	298	300	301							
20	294	294	293	292	290	288	286	286	287	288	290	292							
25	283	283	282	281	278	276	273	273	274	275	278	280							
30	269	270	268	266	263	261	256	257	258	259	263	265							
35	251	253	251	248	246	242	236	237	239	239	245	248							
40	230	233	231	226	225	220	211	214	216	215	223	227							
45	205	209	207	201	200	195	185	188	191	189	198	202							
50	178	183	180	172	171	165	153	158	160	161	169	174							
55	148	151	150	141	140	135	123	127	129	131	139	144							
60	117	120	118	109	108	103	91.4	94.8	97.6	99.8	108	112							
65	83.6	87.7	83.5	77.3	74.2	70.5	59.6	62.0	66.1	66.8	76.0	79.4							
70	52.5	56.2	52.4	45.9	43.9	40.5	30.2	33.6	36.9	36.4	45.8	49.0							
75	19.1	28.4	24.8	15.4	19.5	17.8	12.8	13.8	15.3	14.0	21.0	23.0							
80	9.72	11.7	10.8	8.18	9.31	10.0	7.05	8.09	9.04	9.07	10.9	9.71							
85	2.80	5.82	4.98	1.87	4.10	4.04	1.12	2.48	3.12	2.26	4.52	4.10							
90	1.60	2.45	1.97	1.57	1.67	1.76	0.92	1.09	1.07	0.95	0.97	1.16							
95	1.64	1.72	1.71	1.67	1.74	1.77	1.09	1.14	1.10	1.03	1.09	1.05							
100	1.75	1.83	1.83	1.78	1.86	1.88	1.27	1.33	1.33	1.21	1.27	1.23							
105	1.86	1.89	1.95	1.90	1.98	2.00	1.47	1.49	1.53	1.41	1.47	1.43							
110	1.98	2.01	2.08	2.01	2.10	2.12	1.67	1.67	1.73	1.60	1.66	1.63							
115	2.10	2.15	2.19	2.12	2.21	2.23	1.86	1.85	1.93	1.80	1.87	1.83							
120	2.21	2.31	2.30	2.23	2.32	2.34	2.06	2.03	2.12	1.99	2.06	2.02							
125	2.30	2.41	2.40	2.32	2.42	2.44	2.24	2.24	2.27	2.17	2.25	2.21							
130	2.40	2.51	2.50	2.41	2.52	2.53	2.40	2.37	2.48	2.34	2.43	2.39							
135	2.48	2.57	2.61	2.50	2.62	2.64	2.56	2.58	2.65	2.50	2.61	2.57							
140	2.58	2.59	2.73	2.61	2.74	2.75	2.73	2.69	2.82	2.66	2.78	2.74							
145	2.69	2.70	2.85	2.73	2.88	2.87	2.89	2.86	3.00	2.83	2.96	2.93							
150	2.82	2.84	2.88	2.85	2.98	2.93	3.07	3.03	3.14	3.00	3.13	3.10							
155	2.99	3.00	3.07	3.02	3.10	3.10	3.24	3.20	3.21	3.17	3.16	3.17							
160	3.17	3.18	3.14	3.19	3.20	3.22	3.40	3.35	3.36	3.33	3.30	3.30							
165	3.36	3.35	3.31	3.37	3.37	3.38	3.55	3.48	3.50	3.48	3.45	3.45							
170	3.52	3.50	3.46	3.51	3.50	3.52	3.66	3.59	3.61	3.60	3.57	3.57							
175	3.64	3.62	3.58	3.63	3.60	3.62	3.73	3.65	3.67	3.67	3.65	3.65							
180	3.72	3.68	3.66	3.69	3.67	3.69	3.73	3.68	3.67	3.69	3.68	3.68							

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