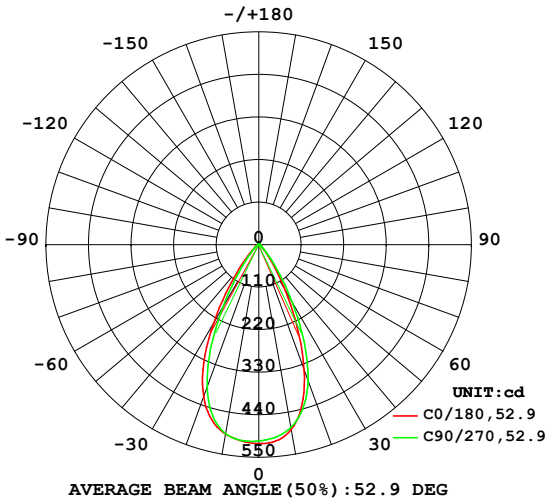
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:23.997V I:0.2235A P:5.3633W PF:1.0000 Freq:50.00Hz Lamp Flux:403.944x1 lm		
NAME: HCP-271910 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ONIKE	SUR.:	Shielding Angle:

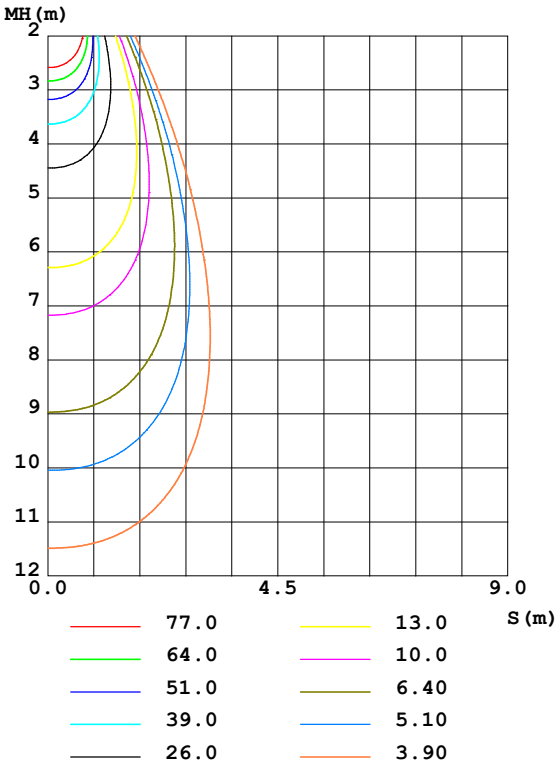
DATA OF LAMP		PHOTOMETRIC DATA Eff: 75.32 lm/W			
MODEL	HCP-271910 4000K	Imax(cd)	514.5	S/MH(C0/180)	0.86
NOMINAL POWER(W)	6	LOR(%)	100.0	S/MH(C90/270)	0.80
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	403.94	η UP,DN(C0-180)	0.6,48.1
NOMINAL FLUX(lm)	403.944	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.6,50.7
LAMPS INSIDE	1	η up(%)	1.2	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	23.997	η down(%)	98.8	CIBSE SHR MAX	0.80

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):52.9 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-11-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:8.003m [K=1.0000]
Remarks: HCP-271910 4000K

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	485.2	476.0	479.8	485.6	497.2	494.3	495.9	489.5	0- 10	47.65	47.65	11.8,11.8
20	343.2	350.4	372.7	396.4	417.9	410.8	391.4	359.8	10- 20	124.0	171.6	42.5,42.5
30	139.5	148.9	177.0	209.3	233.1	220.8	184.9	152.6	20- 30	128.4	300.0	74.3,74.3
40	37.26	40.03	49.61	62.05	70.91	62.62	49.80	40.92	30- 40	65.51	365.6	90.5,90.5
50	11.56	12.37	14.91	17.73	19.72	17.59	14.70	12.51	40- 50	22.15	387.7	96,96
60	3.553	3.884	4.870	5.861	6.411	5.630	4.632	3.930	50- 60	8.058	395.8	98,98
70	0.8275	1.027	1.444	1.814	1.978	1.669	1.309	1.005	60- 70	2.785	398.5	98.7,98.7
80	0.1001	0.1175	0.1436	0.1870	0.1689	0.1299	0.0912	0.0821	70- 80	0.5781	399.1	98.8,98.8
90	0	0	0.0043	0.0087	0.0043	0	0	0.0044	80- 90	0.0512	399.2	98.8,98.8
100	0.0129	0	0	0	0.0173	0.0174	0.0217	0.0261	90-100	0.0043	399.2	98.8,98.8
110	0.0951	0.0649	0.0390	0.0391	0.0608	0.0609	0.0739	0.0913	100-110	0.0355	399.2	98.8,98.8
120	0.3513	0.3168	0.2562	0.2509	0.1957	0.2044	0.2522	0.2957	110-120	0.1455	399.4	98.9,98.9
130	0.8765	0.8548	0.7246	0.6420	0.5522	0.5739	0.6565	0.7434	120-130	0.4100	399.8	99,99
140	1.614	1.550	1.419	1.289	1.165	1.187	1.291	1.412	130-140	0.7821	400.6	99.2,99.2
150	2.370	2.306	2.184	2.041	1.903	1.925	2.029	2.142	140-150	1.079	401.6	99.4,99.4
160	2.958	2.940	2.818	2.744	2.615	2.628	2.702	2.789	150-160	1.126	402.8	99.7,99.7
170	3.413	3.374	3.309	3.240	3.210	3.215	3.262	3.319	160-170	0.8544	403.6	99.9,99.9
180	3.626	3.587	3.587	3.592	3.640	3.600	3.592	3.587	170-180	0.3274	403.9	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-11-29

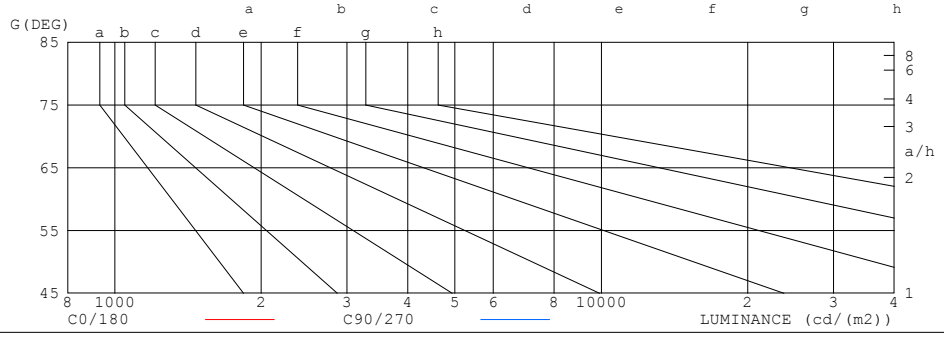
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:8.003m [K=1.0000]
Remarks: HCP-271910 4000K

LUMINANCE LIMITATION CURVES

Test:U:23.997V I:0.2235A P:5.3633W PF:1.0000 Freq:50.00Hz Lamp Flux:403.944x1 lm		
NAME: HCP-271910 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ONIKE	SUR.:	Shielding Angle:

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	3	6
80	6	8
75	9	16
70	24	42
65	47	64
60	71	97
55	113	150
50	180	232
45	286	372

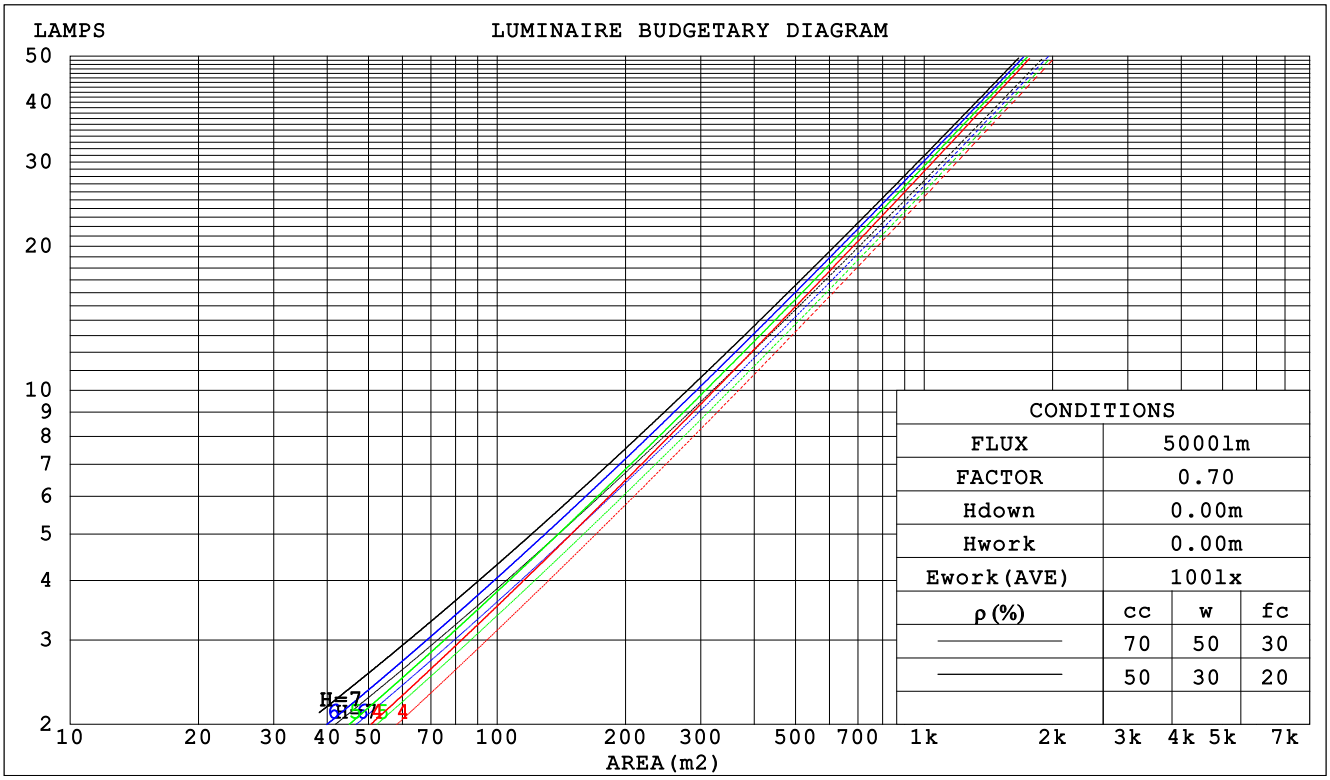
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-11-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:8.003m [K=1.0000]
Remarks: HCP-271910 4000K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:23.997V I:0.2235A P:5.3633W PF:1.0000 Freq:50.00Hz Lamp Flux:403.944x1 lm		
NAME: HCP-271910 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ONIKE	SUR.:	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			Coefficients of Utilization(CU)												
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.10	1.10	1.10	1.06	1.06	1.06	1.01	1.01	1.01	.99
1.0	1.11	1.08	1.06	1.08	1.06	1.04	1.04	1.02	1.01	1.00	.99	.97	.96	.95	.94	.93
2.0	1.03	.99	.96	1.01	.98	.94	.98	.95	.92	.95	.92	.90	.92	.90	.88	.86
3.0	.96	.91	.87	.95	.90	.87	.92	.88	.85	.89	.86	.84	.87	.84	.82	.81
4.0	.90	.85	.80	.89	.84	.80	.86	.82	.79	.84	.81	.78	.82	.79	.77	.75
5.0	.84	.79	.75	.83	.78	.74	.82	.77	.73	.80	.76	.73	.78	.75	.72	.70
6.0	.79	.74	.69	.79	.73	.69	.77	.72	.69	.75	.71	.68	.74	.70	.67	.66
7.0	.75	.69	.65	.74	.69	.65	.73	.68	.64	.72	.67	.64	.70	.66	.63	.62
8.0	.71	.65	.61	.70	.65	.61	.69	.64	.60	.68	.63	.60	.67	.63	.60	.58
9.0	.67	.61	.57	.66	.61	.57	.65	.60	.57	.65	.60	.57	.64	.60	.56	.55
10.0	.64	.58	.54	.63	.58	.54	.62	.57	.54	.61	.57	.54	.61	.56	.53	.52



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-11-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:8.003m [K=1.0000]
Remarks: HCP-271910 4000K

WEC AND CCEC

Test:U:23.997V I:0.2235A P:5.3633W PF:1.0000 Freq:50.00Hz Lamp Flux:403.944x1 lm		
NAME: HCP-271910 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ONIKE	SUR.:	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 Coeffcients(WEC)									
0.0																
1.0	.177	.100	.032	.170	.097	.031	.156	.090	.029	.144	.083	.027	.133	.077	.025	
2.0	.169	.093	.028	.163	.090	.028	.152	.084	.026	.141	.079	.025	.132	.075	.024	
3.0	.161	.086	.026	.156	.083	.025	.146	.079	.024	.137	.075	.023	.129	.071	.022	
4.0	.153	.079	.023	.148	.078	.023	.140	.074	.022	.132	.071	.021	.125	.068	.021	
5.0	.146	.074	.021	.142	.073	.021	.134	.070	.021	.128	.067	.020	.121	.065	.019	
6.0	.139	.070	.020	.135	.068	.020	.129	.066	.019	.123	.064	.019	.117	.062	.018	
7.0	.132	.065	.019	.129	.064	.018	.124	.063	.018	.118	.061	.018	.113	.059	.017	
8.0	.127	.062	.017	.124	.061	.017	.119	.059	.017	.114	.058	.017	.109	.056	.016	
9.0	.121	.059	.016	.119	.058	.016	.114	.056	.016	.110	.055	.016	.106	.054	.016	
10.0	.116	.056	.015	.114	.055	.015	.110	.054	.015	.106	.053	.015	.102	.051	.015	

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	.199	.199	.199	.170	.170	.170	.116	.116	.116	.067	.067	.067	.021	.021	.021	
1.0	.180	.166	.154	.154	.143	.133	.105	.098	.092	.061	.057	.053	.019	.018	.017	
2.0	.165	.142	.122	.141	.122	.105	.097	.084	.074	.056	.049	.043	.018	.016	.014	
3.0	.153	.123	.099	.131	.106	.086	.090	.074	.060	.052	.043	.035	.017	.014	.012	
4.0	.142	.108	.082	.122	.093	.071	.084	.065	.050	.049	.038	.030	.016	.012	.010	
5.0	.134	.096	.069	.115	.083	.060	.079	.058	.042	.046	.034	.025	.015	.011	.008	
6.0	.126	.087	.059	.108	.075	.052	.075	.053	.036	.043	.031	.022	.014	.010	.007	
7.0	.120	.080	.052	.103	.069	.045	.071	.048	.032	.041	.029	.019	.013	.009	.006	
8.0	.114	.073	.046	.098	.064	.040	.068	.045	.028	.039	.026	.017	.013	.009	.006	
9.0	.109	.068	.041	.094	.059	.036	.065	.042	.025	.038	.025	.015	.012	.008	.005	
10.0	.104	.064	.037	.090	.055	.032	.062	.039	.023	.036	.023	.014	.012	.008	.005	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-11-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:8.003m [K=1.0000]
Remarks: HCP-271910 4000K

UGR(Unified Glare Rating) Table

Test:U:23.997V I:0.2235A P:5.3633W PF:1.0000 Freq:50.00Hz Lamp Flux:403.944x1 lm		
NAME: HCP-271910 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ONIKE	SUR.:	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	5.5	6.4	5.7	6.6	6.8	6.7	7.6	6.9	7.8	8.0
	3H	5.3	6.2	5.6	6.4	6.6	6.6	7.4	6.8	7.6	7.9
	4H	5.3	6.1	5.5	6.3	6.5	6.5	7.3	6.8	7.5	7.8
	6H	5.2	5.9	5.5	6.2	6.4	6.4	7.1	6.7	7.4	7.7
	8H	5.1	5.8	5.4	6.1	6.4	6.3	7.1	6.7	7.3	7.6
	12H	5.1	5.8	5.4	6.1	6.3	6.3	7.0	6.6	7.3	7.6
4H	2H	5.3	6.1	5.6	6.3	6.6	6.5	7.3	6.8	7.5	7.7
	3H	5.2	5.9	5.5	6.2	6.5	6.4	7.1	6.7	7.3	7.6
	4H	5.1	5.7	5.4	6.0	6.4	6.3	6.9	6.6	7.2	7.6
	6H	5.0	5.5	5.4	5.9	6.3	6.2	6.7	6.6	7.1	7.5
	8H	4.9	5.4	5.3	5.8	6.2	6.1	6.6	6.5	7.0	7.4
	12H	4.9	5.3	5.3	5.7	6.1	6.1	6.5	6.5	6.9	7.3
8H	4H	4.9	5.4	5.3	5.8	6.2	6.1	6.6	6.5	7.0	7.4
	6H	4.8	5.2	5.3	5.7	6.1	6.0	6.4	6.5	6.9	7.3
	8H	4.8	5.1	5.2	5.6	6.0	6.0	6.3	6.4	6.8	7.2
	12H	4.7	5.0	5.2	5.5	6.0	5.9	6.2	6.4	6.7	7.2
12H	4H	4.9	5.3	5.3	5.7	6.2	6.1	6.5	6.5	6.9	7.3
	6H	4.8	5.1	5.2	5.6	6.0	6.0	6.3	6.4	6.8	7.2
	8H	4.7	5.0	5.2	5.5	6.0	5.9	6.2	6.4	6.7	7.2

Variations with the observer position at spacings:		
S = 1.0H	+ 2.6 / - 5.9	+ 3.2 / - 5.7
1.5H	+ 4.0 / - 4.2	+ 4.8 / - 4.6
2.0H	+ 4.2 / - 4.6	+ 4.8 / - 5.0

CIE Pub.117, 403.9 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -3.1)
Area: 0.1 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-11-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:8.003m [K=1.0000]
Remarks: HCP-271910 4000K

UTILIZATION FACTORS TABLE

Test:U:23.997V I:0.2235A P:5.3633W PF:1.0000 Freq:50.00Hz Lamp Flux:403.944x1 lm		
NAME: HCP-271910 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ONIKE	SUR.:	Shielding Angle:

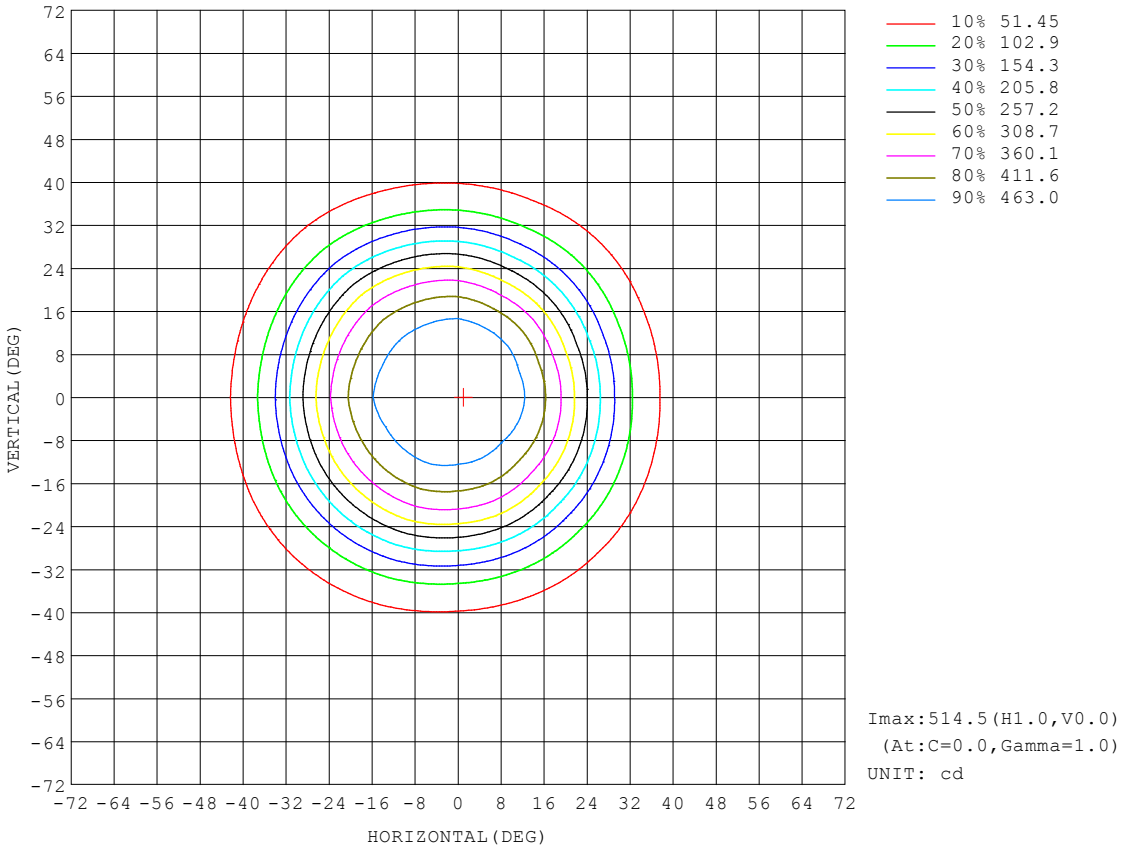
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	86	79	75	85	79	75	84	78	75	71
0.80	93	87	83	92	87	83	91	86	83	79
1.00	98	92	88	97	92	88	95	91	87	83
1.25	102	97	93	101	96	93	99	95	92	87
1.50	105	100	97	104	99	96	101	98	95	90
2.00	108	104	100	106	102	99	103	100	98	92
2.50	110	106	103	108	104	102	105	102	100	93
3.00	111	108	105	109	106	104	106	103	101	95
4.00	113	110	108	111	109	107	107	105	104	96
5.00	115	112	110	112	110	109	108	107	105	97
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:25.3DEG
Operators:DAMIN
Test Date:2025-11-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:8.003m [K=1.0000]
Remarks: HCP-271910 4000K

ISOCANDELA DIAGRAM

Test:U:23.997V I:0.2235A P:5.3633W PF:1.0000 Freq:50.00Hz Lamp Flux:403.944x1 lm		
NAME: HCP-271910 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ONIKE	SUR.:	Shielding Angle:

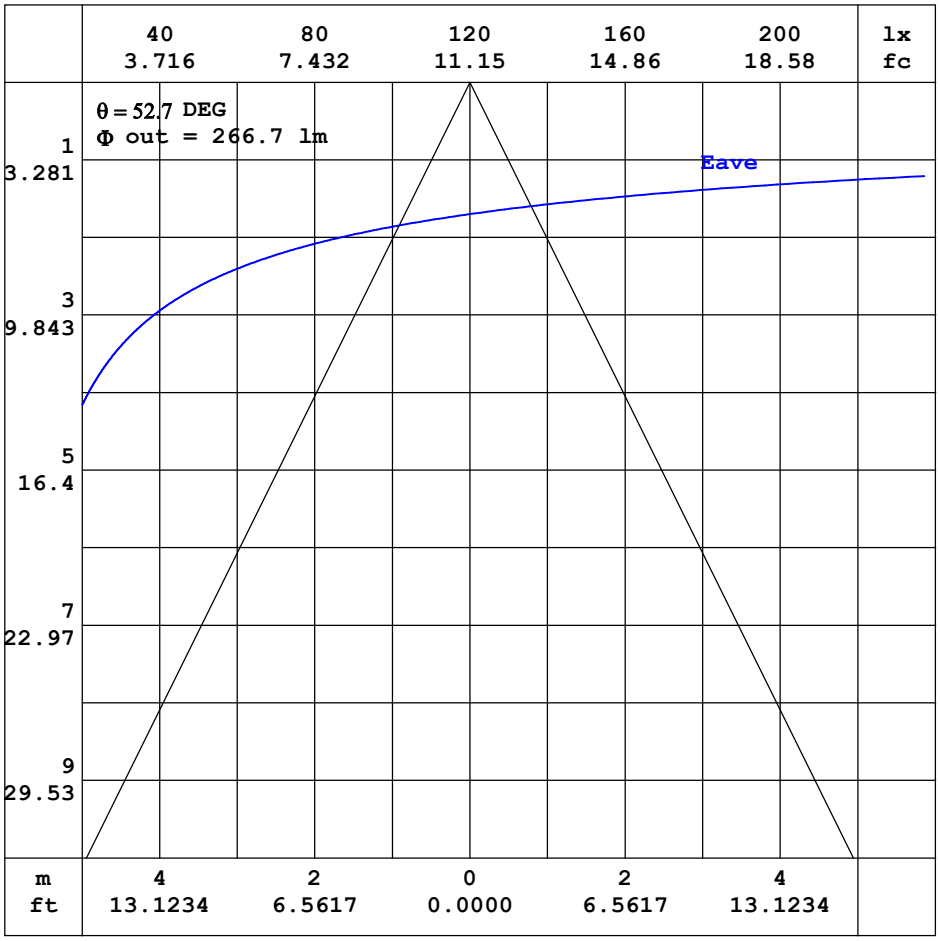


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
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γ Range: 0 - 180DEG
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Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:8.003m [K=1.0000]
Remarks: HCP-271910 4000K

AAI CURVES

Test:U:23.997V I:0.2235A P:5.3633W PF:1.0000 Freq:50.00Hz Lamp Flux:403.944x1 lm		
NAME: HCP-271910 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ONIKE	SUR.:	Shielding Angle:



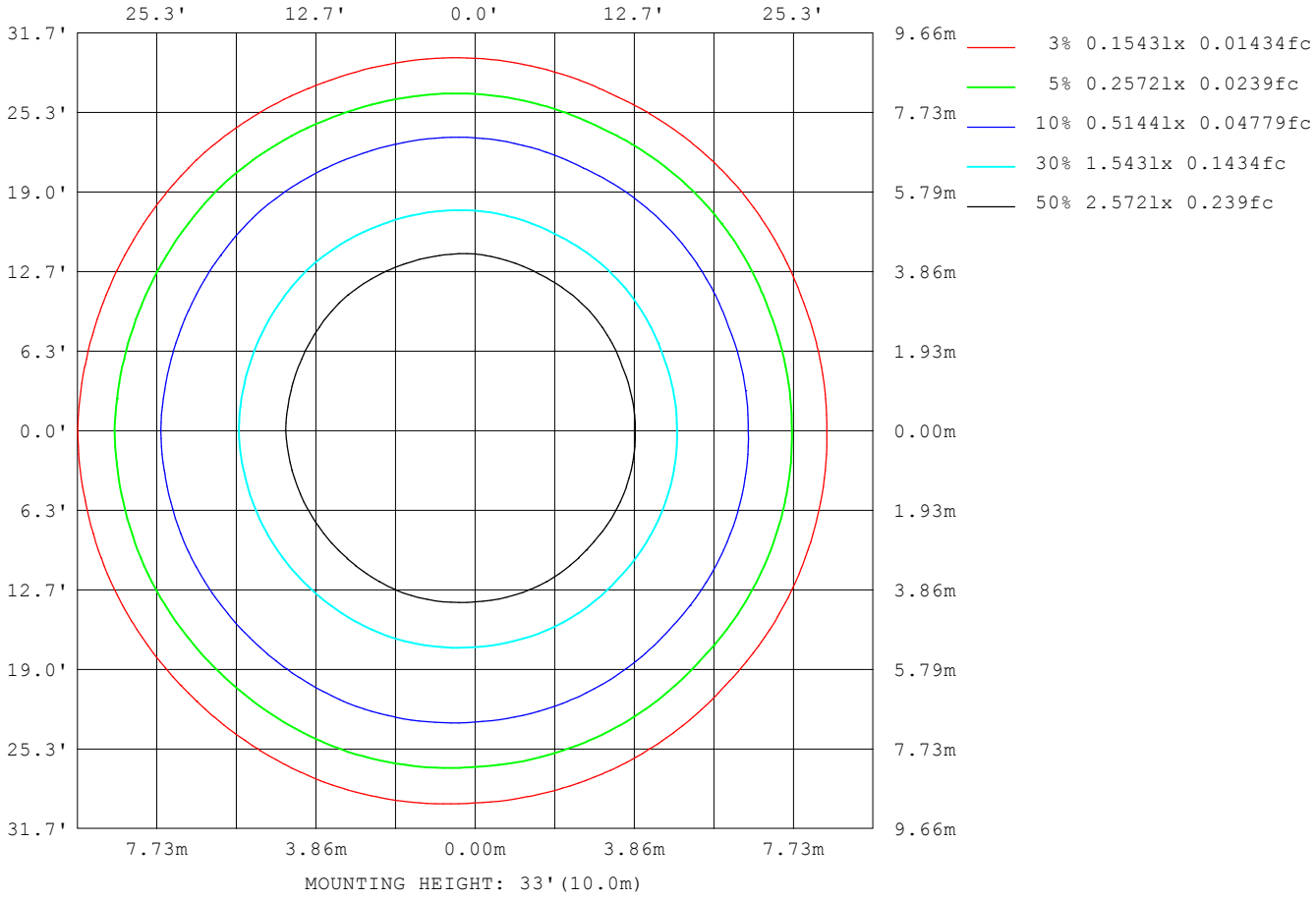
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-11-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:8.003m [K=1.0000]
Remarks: HCP-271910 4000K

ISOLUX DIAGRAM

Test:U:23.997V I:0.2235A P:5.3633W PF:1.0000 Freq:50.00Hz Lamp Flux:403.944x1 lm		
NAME: HCP-271910 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ONIKE	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-11-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:8.003m [K=1.0000]
Remarks: HCP-271910 4000K

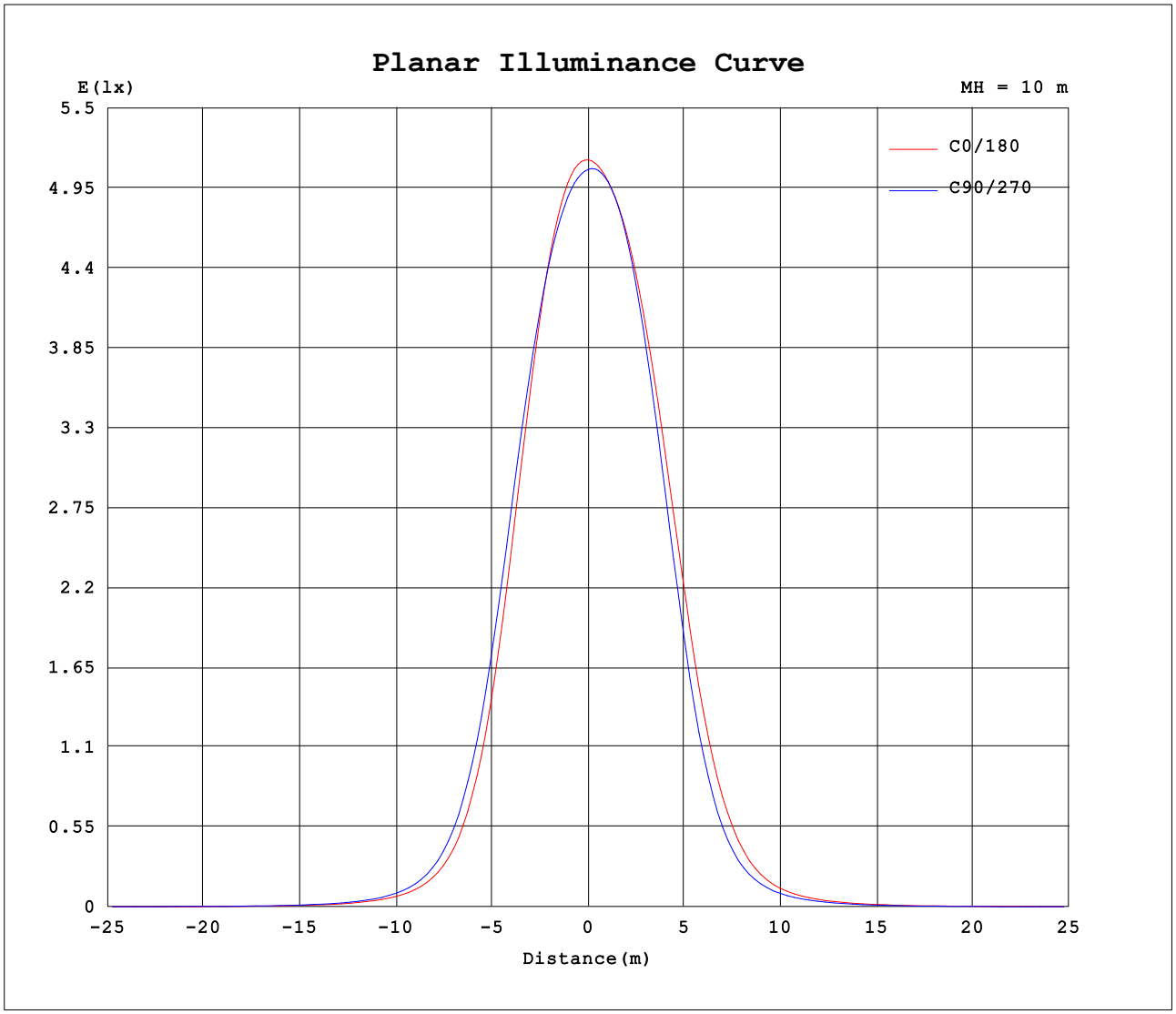
LED Avg.L Report

Test:U:23.997V I:0.2235A P:5.3633W PF:1.0000 Freq:50.00Hz Lamp Flux:403.944x1 lm		
NAME: HCP-271910 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ONIKE	SUR.:	Shielding Angle:

AvgL	cd/m2
L_0~180(65)av	66
L_0~180(75)av	19
L_0~180(85)av	3
L_90~270(65)av	62
L_90~270(75)av	15
L_90~270(85)av	4
L_45(65)av	63
L_45(75)av	17
L_45(85)av	4

Standard: GB/T 29293-2012

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-11-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:8.003m [K=1.0000]
Remarks: HCP-271910 4000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:23.997V I:0.2235A P:5.3633W PF:1.0000 Freq:50.00Hz Lamp Flux:403.944x1 lm		
NAME: HCP-271910 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ONIKE	SUR.:	Shielding Angle:

Table--1 UNIT: cd

γ (DEG) \ C(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	514	512	510	509	508	507	506	505	514	512	510	509	508	507	506	505			
5	510	506	502	501	500	500	500	500	509	508	508	508	508	508	506	504			
10	485	480	476	478	480	484	486	487	497	494	494	494	496	493	490	483			
15	431	430	429	435	440	450	454	459	470	465	464	461	459	450	442	431			
20	343	347	350	364	373	388	396	407	418	412	411	400	391	371	360	343			
25	236	241	248	265	278	299	310	325	337	332	328	309	294	267	253	238			
30	139	143	149	164	177	196	209	223	233	228	221	201	185	165	153	141			
35	73.0	75.2	78.8	88.3	97.7	111	121	131	138	133	126	111	100	86.8	80.9	73.7			
40	37.3	38.3	40.0	44.9	49.6	57.0	62.0	67.9	70.9	66.7	62.6	55.2	49.8	43.9	40.9	37.8			
45	20.2	20.8	21.6	24.0	26.3	29.8	32.1	34.7	36.1	33.9	32.0	28.5	26.2	23.3	22.0	20.5			
50	11.6	11.9	12.4	13.7	14.9	16.7	17.7	19.0	19.7	18.5	17.6	15.8	14.7	13.2	12.5	11.7			
55	6.47	6.68	7.02	7.89	8.61	9.71	10.3	10.9	11.3	10.6	10.1	9.05	8.38	7.52	7.07	6.57			
60	3.55	3.71	3.88	4.43	4.87	5.51	5.86	6.23	6.41	6.02	5.63	5.02	4.63	4.15	3.93	3.60			
65	1.97	2.06	2.19	2.46	2.71	3.07	3.25	3.49	3.58	3.31	3.10	2.73	2.53	2.29	2.16	1.98			
70	0.83	0.91	1.03	1.26	1.44	1.68	1.81	1.93	1.98	1.82	1.67	1.46	1.31	1.12	1.00	0.86			
75	0.23	0.23	0.26	0.31	0.42	0.55	0.66	0.74	0.73	0.63	0.55	0.44	0.34	0.30	0.26	0.25			
80	0.10	0.06	0.12	0.10	0.14	0.13	0.19	0.16	0.17	0.18	0.13	0.15	0.09	0.13	0.08	0.11			
85	0.02	0.00	0.03	0.01	0.05	0.04	0.07	0.04	0.04	0.09	0.03	0.07	0.03	0.03	0.00	0.03			
90	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00			
95	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00			
100	0.01	0.03	0.00	0.03	0.00	0.02	0.00	0.02	0.02	0.00	0.02	0.00	0.02	0.00	0.03	0.00			
105	0.04	0.07	0.03	0.05	0.03	0.04	0.01	0.03	0.03	0.00	0.03	0.01	0.04	0.03	0.05	0.03			
110	0.10	0.12	0.06	0.10	0.04	0.08	0.04	0.07	0.06	0.04	0.06	0.03	0.07	0.03	0.09	0.05			
115	0.19	0.22	0.16	0.18	0.13	0.15	0.09	0.13	0.11	0.07	0.11	0.10	0.14	0.11	0.17	0.15			
120	0.35	0.38	0.32	0.33	0.26	0.27	0.25	0.23	0.20	0.17	0.20	0.19	0.25	0.25	0.30	0.29			
125	0.58	0.61	0.56	0.55	0.45	0.45	0.37	0.40	0.34	0.32	0.36	0.35	0.42	0.43	0.49	0.52			
130	0.88	0.90	0.85	0.82	0.72	0.70	0.64	0.63	0.55	0.53	0.57	0.58	0.66	0.67	0.74	0.79			
135	1.22	1.25	1.18	1.15	1.08	1.02	0.93	0.93	0.83	0.79	0.85	0.86	0.95	0.99	1.06	1.08			
140	1.61	1.61	1.55	1.52	1.42	1.38	1.29	1.28	1.16	1.14	1.19	1.20	1.29	1.34	1.41	1.42			
145	1.98	2.00	1.92	1.89	1.80	1.75	1.67	1.65	1.53	1.49	1.56	1.56	1.65	1.70	1.77	1.78			
150	2.37	2.38	2.31	2.28	2.18	2.14	2.04	2.03	1.90	1.88	1.92	1.95	2.03	2.05	2.14	2.18			
155	2.67	2.71	2.65	2.62	2.53	2.50	2.40	2.40	2.28	2.24	2.29	2.29	2.38	2.40	2.49	2.47			
160	2.96	3.00	2.94	2.92	2.82	2.81	2.74	2.73	2.62	2.57	2.63	2.61	2.70	2.74	2.79	2.78			
165	3.22	3.24	3.16	3.17	3.09	3.08	3.03	3.01	2.92	2.87	2.93	2.92	2.99	3.02	3.07	3.06			
170	3.41	3.45	3.37	3.40	3.31	3.32	3.24	3.26	3.21	3.15	3.21	3.19	3.26	3.24	3.32	3.30			
175	3.59	3.60	3.56	3.56	3.50	3.51	3.44	3.47	3.47	3.43	3.47	3.43	3.49	3.45	3.51	3.49			
180	3.63	3.64	3.59	3.59	3.59	3.59	3.59	3.59	3.64	3.59	3.60	3.59	3.59	3.59	3.59	3.59			

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