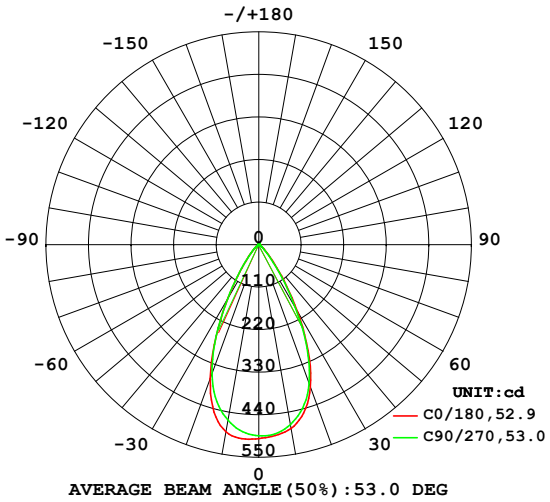
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:23.997V I:0.2346A P:5.6297W PF:1.0000 Freq:50.00Hz Lamp Flux:392.893x1 lm		
NAME: HCP-271910 5500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ONIKE	SUR.:	Shielding Angle:

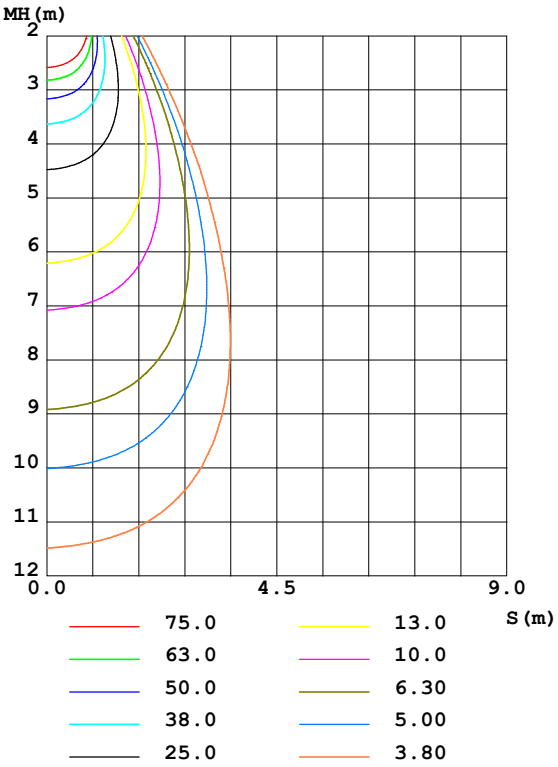
DATA OF LAMP		PHOTOMETRIC DATA Eff: 69.79 lm/W			
MODEL	HCP-271910 5500K	Imax(cd)	504.0	S/MH(C0/180)	0.77
NOMINAL POWER(W)	6	LOR(%)	100.0	S/MH(C90/270)	0.78
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	392.89	η UP,DN(C0-180)	0.6,51.5
NOMINAL FLUX(lm)	392.893	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.6,47.3
LAMPS INSIDE	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%):53.0 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 5500K

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	482.2	477.6	472.3	481.5	491.2	474.3	460.8	466.6	0- 10	46.42	46.42	11.8,11.8
20	390.5	390.1	381.5	372.4	367.9	352.5	354.9	368.7	10- 20	121.1	167.5	42.6,42.6
30	200.7	203.9	193.3	172.0	159.2	152.9	162.1	180.4	20- 30	125.5	292.9	74.6,74.6
40	57.98	57.96	52.18	45.69	43.18	41.48	44.29	51.23	30- 40	63.15	356.1	90.6,90.6
50	16.70	16.49	14.97	13.53	13.14	12.61	13.49	15.25	40- 50	21.18	377.3	96,96
60	5.492	5.370	4.779	4.279	4.073	3.952	4.333	4.988	50- 60	7.744	385.0	98,98
70	1.662	1.601	1.370	1.188	1.100	1.061	1.244	1.491	60- 70	2.677	387.7	98.7,98.7
80	0.1696	0.1609	0.1436	0.1262	0.0908	0.0953	0.0955	0.1084	70- 80	0.5391	388.2	98.8,98.8
90	0.0001	0.0001	0	0	0.0000	0.0043	0.0000	0	80- 90	0.0487	388.3	98.8,98.8
100	0	0	0	0	0.0218	0.0217	0.0217	0.0217	90-100	0.0044	388.3	98.8,98.8
110	0.0347	0.0347	0.0391	0.0391	0.0870	0.0827	0.0825	0.0696	100-110	0.0325	388.3	98.8,98.8
120	0.2475	0.2510	0.2518	0.2519	0.2827	0.2869	0.2695	0.2477	110-120	0.1371	388.4	98.9,98.9
130	0.6464	0.6335	0.6465	0.7201	0.7216	0.7303	0.6956	0.6391	120-130	0.3952	388.8	99,99
140	1.341	1.276	1.306	1.384	1.378	1.382	1.339	1.269	130-140	0.7608	389.6	99.2,99.2
150	2.049	2.015	2.036	2.101	2.094	2.099	2.055	1.973	140-150	1.051	390.7	99.4,99.4
160	2.736	2.670	2.675	2.736	2.741	2.724	2.667	2.602	150-160	1.095	391.7	99.7,99.7
170	3.231	3.218	3.209	3.226	3.275	3.245	3.197	3.132	160-170	0.8297	392.6	99.9,99.9
180	3.587	3.522	3.509	3.461	3.592	3.544	3.522	3.492	170-180	0.3188	392.9	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

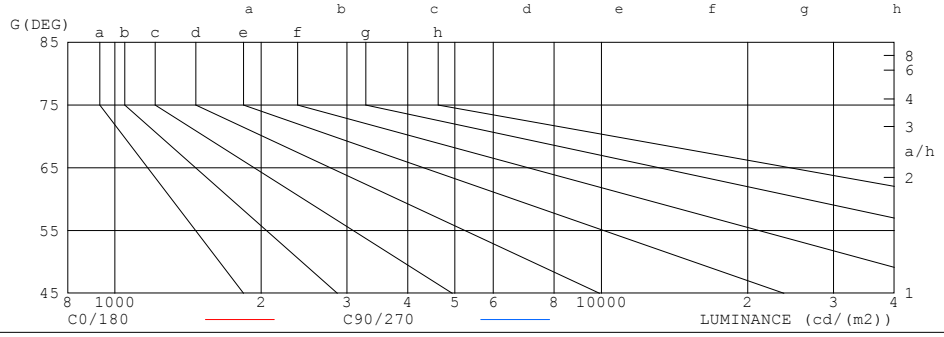
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:8.003m [K=1.0000]
Remarks: HCP-271910 5500K

LUMINANCE LIMITATION CURVES

Test:U:23.997V I:0.2346A P:5.6297W PF:1.0000 Freq:50.00Hz Lamp Flux:392.893x1 lm		
NAME: HCP-271910 5500K	**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	8	7
80	10	8
75	21	16
70	49	40
65	72	62
60	110	96
55	168	149
50	260	233
45	426	380

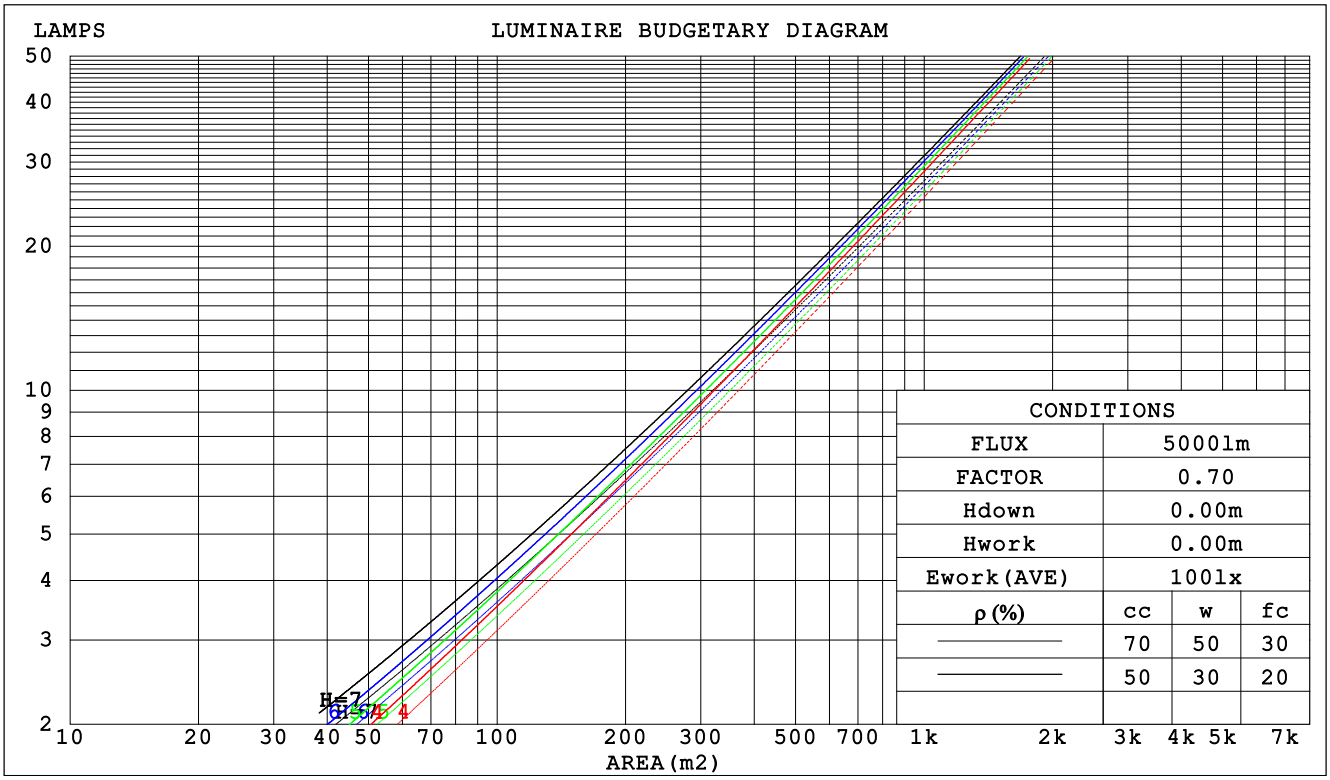
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-11-29

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 5500K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:23.997V I:0.2346A P:5.6297W PF:1.0000 Freq:50.00Hz Lamp Flux:392.893x1 lm		
NAME: HCP-271910 5500K	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	.97	.95	.94	.93
2.0	1.03	.99	.96	1.01	.98	.95	.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	.87	.82	.79	.84	.81	.78	.82	.79	.77	.75
5.0	.85	.79	.75	.84	.78	.74	.82	.77	.73	.80	.76	.73	.78	.75	.72	.70
6.0	.80	.74	.69	.79	.73	.69	.77	.72	.69	.76	.71	.68	.74	.70	.68	.66
7.0	.75	.69	.65	.74	.69	.65	.73	.68	.64	.72	.67	.64	.70	.67	.64	.62
8.0	.71	.65	.61	.70	.65	.61	.69	.64	.61	.68	.63	.60	.67	.63	.60	.59
9.0	.67	.61	.57	.67	.61	.57	.66	.61	.57	.65	.60	.57	.64	.60	.57	.55
10.0	.64	.58	.54	.63	.58	.54	.62	.57	.54	.61	.57	.54	.61	.57	.54	.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 5500K

WEC AND CCEC

Test:U:23.997V I:0.2346A P:5.6297W PF:1.0000 Freq:50.00Hz Lamp Flux:392.893x1 lm		
NAME: HCP-271910 5500K	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	.176	.100	.032	.169	.097	.031	.156	.089	.029	.144	.083	.027	.133	.077	.025	
2.0	.169	.092	.028	.163	.090	.028	.151	.084	.026	.141	.079	.025	.132	.074	.023	
3.0	.160	.085	.026	.155	.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	.145	.074	.021	.141	.073	.021	.134	.070	.021	.127	.067	.020	.121	.065	.019	
6.0	.138	.069	.020	.135	.068	.020	.129	.066	.019	.123	.064	.019	.117	.062	.018	
7.0	.132	.065	.019	.129	.064	.018	.123	.062	.018	.118	.061	.018	.113	.059	.017	
8.0	.126	.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	.028	.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 5500K

UGR(Unified Glare Rating) Table

Test:U:23.997V I:0.2346A P:5.6297W PF:1.0000 Freq:50.00Hz Lamp Flux:392.893x1 lm		
NAME: HCP-271910 5500K	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	8.5	9.4	8.7	9.6	9.8	8.1	9.1	8.4	9.3	9.4
3H	8.4	9.2	8.7	9.5	9.7	8.0	8.9	8.3	9.1	9.3
4H	8.3	9.1	8.6	9.3	9.6	7.9	8.7	8.2	9.0	9.2
6H	8.2	9.0	8.5	9.2	9.5	7.9	8.6	8.2	8.9	9.1
8H	8.2	8.9	8.5	9.2	9.5	7.8	8.5	8.1	8.8	9.1
12H	8.1	8.8	8.5	9.1	9.4	7.8	8.5	8.1	8.7	9.0
4H 2H	8.3	9.1	8.6	9.3	9.6	8.0	8.8	8.3	9.0	9.3
3H	8.2	8.9	8.5	9.2	9.5	7.9	8.5	8.2	8.8	9.1
4H	8.1	8.7	8.5	9.1	9.4	7.8	8.4	8.1	8.7	9.0
6H	8.0	8.6	8.4	8.9	9.3	7.7	8.2	8.1	8.6	8.9
8H	8.0	8.5	8.4	8.9	9.2	7.6	8.1	8.0	8.5	8.9
12H	7.9	8.4	8.3	8.8	9.2	7.6	8.0	8.0	8.4	8.8
8H 4H	8.0	8.5	8.4	8.9	9.2	7.6	8.1	8.0	8.5	8.9
6H	7.9	8.3	8.3	8.7	9.1	7.5	7.9	8.0	8.4	8.8
8H	7.8	8.2	8.3	8.6	9.1	7.5	7.8	7.9	8.3	8.7
12H	7.8	8.1	8.2	8.5	9.0	7.4	7.7	7.9	8.2	8.7
12H 4H	7.9	8.4	8.4	8.8	9.2	7.6	8.0	8.0	8.4	8.8
6H	7.8	8.2	8.3	8.6	9.1	7.5	7.8	7.9	8.3	8.7
8H	7.8	8.1	8.2	8.5	9.0	7.4	7.7	7.9	8.2	8.7

Variations with the observer position at spacings:		
S = 1.0H	+ 2.7 / - 6.1	+ 2.6 / - 6.2
1.5H	+ 4.3 / - 4.4	+ 4.2 / - 4.3
2.0H	+ 4.3 / - 4.5	+ 4.1 / - 4.5

CIE Pub.117, 392.9 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -3.2)
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 5500K

UTILIZATION FACTORS TABLE

Test:U:23.997V I:0.2346A P:5.6297W PF:1.0000 Freq:50.00Hz Lamp Flux:392.893x1 lm		
NAME: HCP-271910 5500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ONIKE	SUR.:	Shielding Angle:

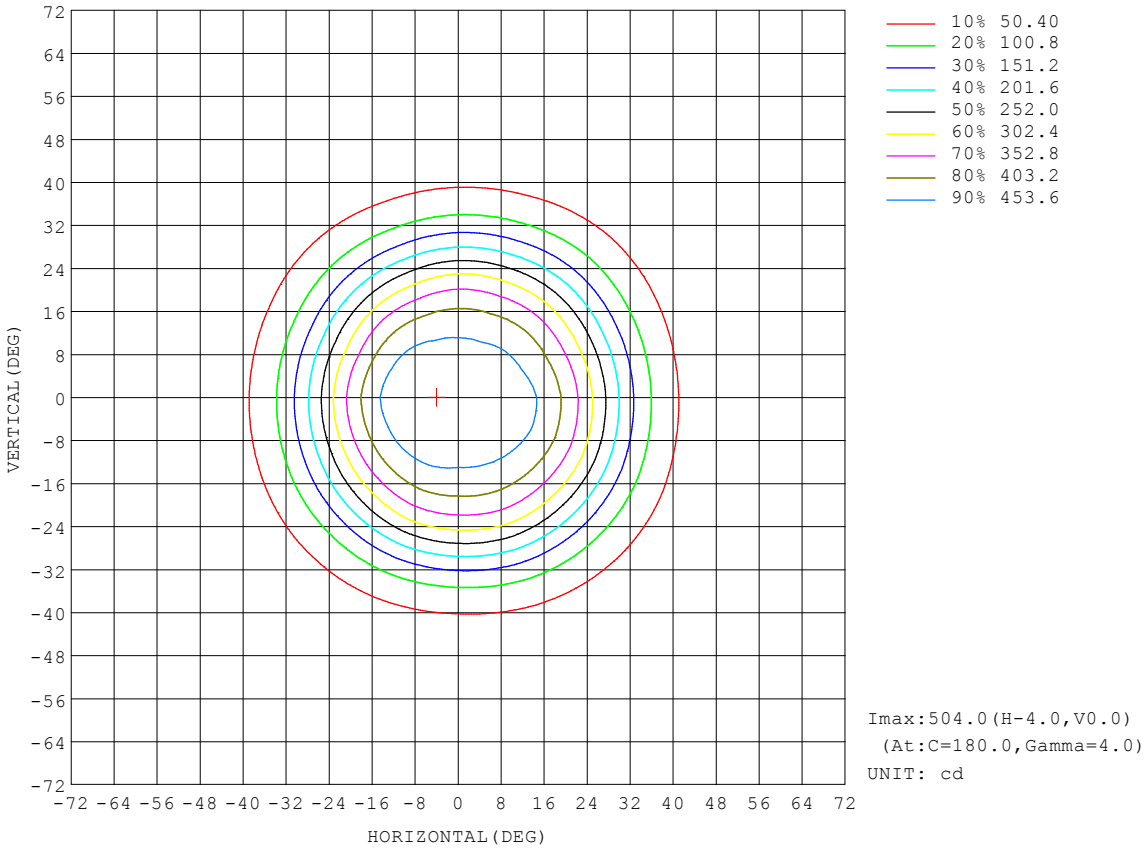
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	86	79	75	85	79	75	84	78	75	71
0.80	93	87	83	93	87	83	91	86	83	79
1.00	98	92	88	97	92	88	95	91	88	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 5500K

ISOCANDELA DIAGRAM

Test:U:23.997V I:0.2346A P:5.6297W PF:1.0000 Freq:50.00Hz Lamp Flux:392.893x1 lm		
NAME: HCP-271910 5500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ONIKE	SUR.:	Shielding Angle:

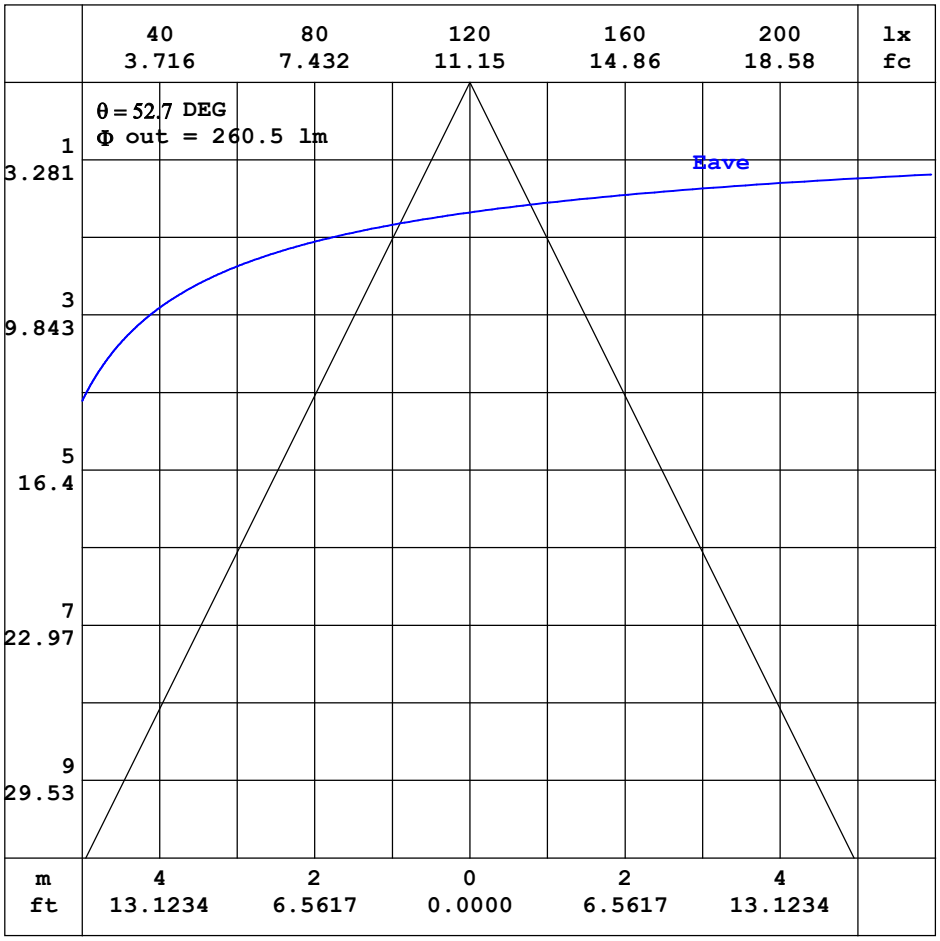


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
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γ Range: 0 - 180DEG
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Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:8.003m [K=1.0000]
Remarks: HCP-271910 5500K

AAI CURVES

Test:U:23.997V I:0.2346A P:5.6297W PF:1.0000 Freq:50.00Hz Lamp Flux:392.893x1 lm		
NAME: HCP-271910 5500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ONIKE	SUR.:	Shielding Angle:



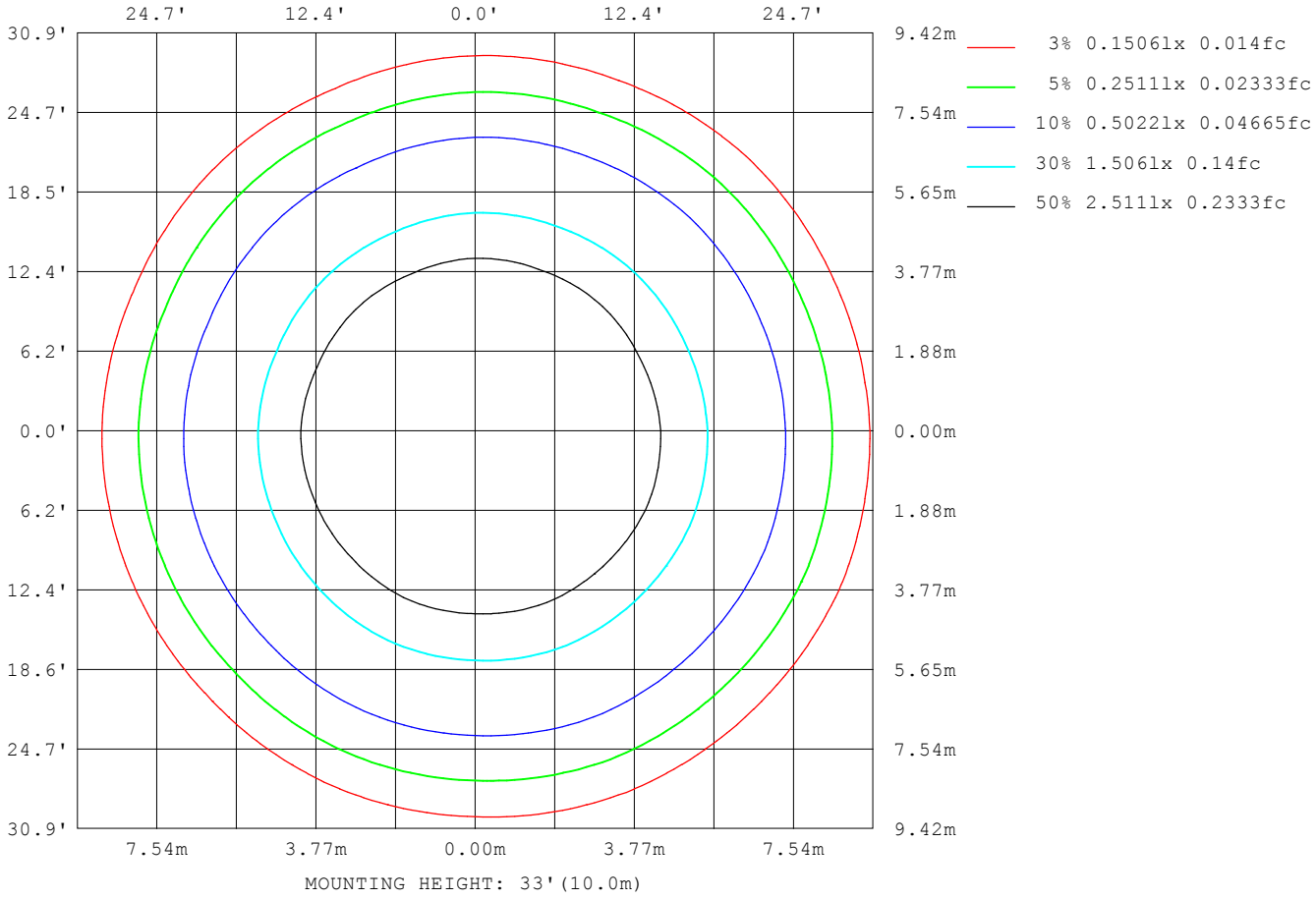
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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 5500K

ISOLUX DIAGRAM

Test:U:23.997V I:0.2346A P:5.6297W PF:1.0000 Freq:50.00Hz Lamp Flux:392.893x1 lm		
NAME: HCP-271910 5500K	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 5500K

LED Avg.L Report

Test:U:23.997V I:0.2346A P:5.6297W PF:1.0000 Freq:50.00Hz Lamp Flux:392.893x1 lm		
NAME: HCP-271910 5500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ONIKE	SUR.:	Shielding Angle:

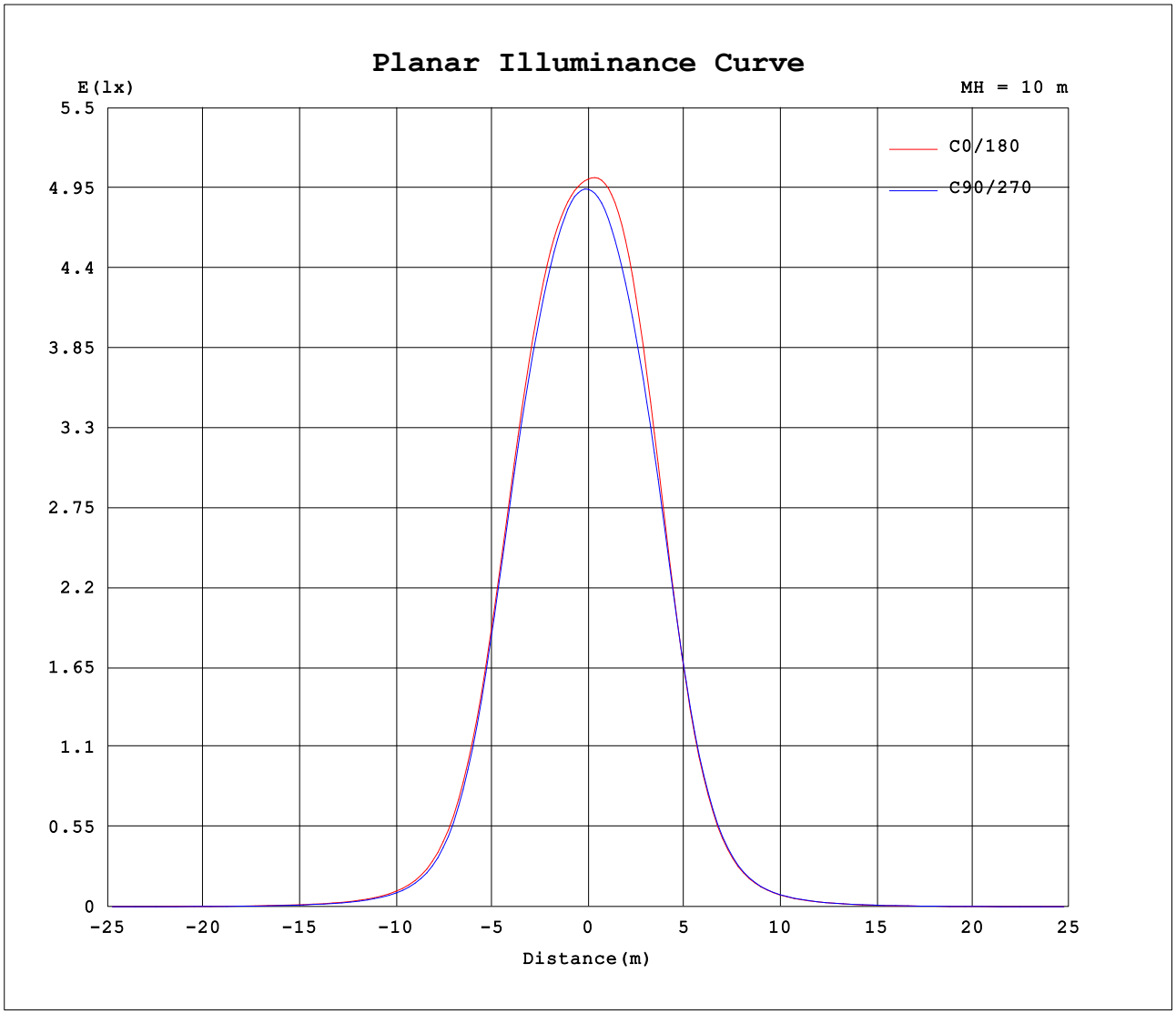
AvgL	cd/m2
L_0~180(65)av	63
L_0~180(75)av	16
L_0~180(85)av	5
L_90~270(65)av	60
L_90~270(75)av	14
L_90~270(85)av	4
L_45(65)av	61
L_45(75)av	15
L_45(85)av	4

Standard: GB/T 29293-2012

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 5500K

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 5500K

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:23.997V I:0.2346A P:5.6297W PF:1.0000 Freq:50.00Hz Lamp Flux:392.893x1 lm		
NAME: HCP-271910 5500K	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	501	499	497	495	494	493	492	491	501	499	497	495	494	493	492	491			
5	495	494	492	491	491	492	494	494	504	499	494	488	486	483	484	484			
10	482	482	478	474	472	477	481	484	491	482	474	464	461	461	467	470			
15	450	452	447	442	438	442	443	444	448	436	429	420	420	421	431	436			
20	391	395	390	388	382	381	372	368	368	354	353	347	355	357	369	375			
25	303	311	306	306	296	291	274	266	262	251	251	251	261	267	279	287			
30	201	207	204	203	193	185	172	163	159	152	153	153	162	168	180	188			
35	114	119	117	113	106	99.9	91.6	87.5	85.5	80.4	81.8	81.4	87.8	91.7	101	106			
40	58.0	60.3	58.0	56.7	52.2	49.6	45.7	44.1	43.2	41.1	41.5	41.4	44.3	46.6	51.2	54.0			
45	30.1	31.0	29.8	28.9	26.9	25.8	24.1	23.4	23.2	22.0	22.2	22.2	23.7	24.7	27.0	28.2			
50	16.7	17.2	16.5	16.0	15.0	14.4	13.5	13.2	13.1	12.5	12.6	12.6	13.5	14.0	15.3	15.8			
55	9.62	9.92	9.50	9.22	8.56	8.27	7.70	7.49	7.40	7.03	7.12	7.18	7.75	8.11	8.82	9.13			
60	5.49	5.60	5.37	5.18	4.78	4.59	4.28	4.17	4.07	3.88	3.95	3.98	4.33	4.56	4.99	5.18			
65	3.04	3.13	2.97	2.85	2.61	2.50	2.34	2.29	2.25	2.16	2.21	2.24	2.43	2.53	2.79	2.87			
70	1.66	1.70	1.60	1.51	1.37	1.28	1.19	1.13	1.10	1.03	1.06	1.11	1.24	1.34	1.49	1.57			
75	0.54	0.53	0.50	0.45	0.41	0.34	0.33	0.28	0.26	0.28	0.25	0.29	0.30	0.37	0.44	0.49			
80	0.17	0.12	0.16	0.11	0.14	0.10	0.13	0.09	0.09	0.13	0.10	0.14	0.10	0.14	0.11	0.17			
85	0.07	0.03	0.07	0.03	0.06	0.02	0.04	0.01	0.02	0.04	0.01	0.05	0.02	0.05	0.03	0.07			
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.00			
100	0.00	0.02	0.00	0.01	0.00	0.02	0.00	0.03	0.02	0.00	0.02	0.00	0.02	0.00	0.02	0.00			
105	0.03	0.04	0.02	0.04	0.02	0.04	0.03	0.05	0.05	0.02	0.04	0.00	0.04	0.00	0.03	0.00			
110	0.03	0.07	0.03	0.07	0.04	0.09	0.04	0.09	0.09	0.04	0.08	0.03	0.08	0.03	0.07	0.03			
115	0.10	0.14	0.10	0.14	0.10	0.16	0.13	0.18	0.16	0.11	0.16	0.10	0.15	0.10	0.13	0.10			
120	0.25	0.25	0.25	0.25	0.25	0.28	0.25	0.31	0.28	0.26	0.29	0.25	0.27	0.25	0.25	0.18			
125	0.40	0.42	0.38	0.42	0.42	0.47	0.45	0.52	0.47	0.45	0.47	0.44	0.45	0.39	0.41	0.35			
130	0.65	0.67	0.63	0.67	0.65	0.71	0.72	0.78	0.72	0.70	0.73	0.68	0.70	0.65	0.64	0.58			
135	0.97	0.97	0.92	0.97	0.95	1.01	1.06	1.09	1.03	1.00	1.04	1.00	1.00	0.93	0.93	0.86			
140	1.34	1.32	1.28	1.31	1.31	1.36	1.38	1.44	1.38	1.35	1.38	1.35	1.34	1.28	1.27	1.20			
145	1.69	1.69	1.64	1.67	1.67	1.72	1.72	1.80	1.73	1.70	1.74	1.69	1.69	1.63	1.62	1.55			
150	2.05	2.06	2.01	2.05	2.04	2.09	2.10	2.16	2.09	2.06	2.10	2.05	2.06	1.98	1.97	1.91			
155	2.40	2.42	2.38	2.40	2.39	2.44	2.46	2.49	2.44	2.40	2.43	2.39	2.38	2.32	2.31	2.25			
160	2.74	2.73	2.67	2.71	2.67	2.74	2.74	2.78	2.74	2.70	2.72	2.67	2.67	2.59	2.60	2.52			
165	3.02	3.01	2.95	2.98	2.95	3.00	2.98	3.04	3.02	2.97	3.00	2.96	2.94	2.87	2.87	2.81			
170	3.23	3.25	3.22	3.23	3.21	3.24	3.23	3.26	3.28	3.24	3.24	3.17	3.20	3.11	3.13	3.07			
175	3.43	3.46	3.39	3.43	3.37	3.41	3.38	3.42	3.49	3.43	3.45	3.37	3.41	3.34	3.36	3.31			
180	3.59	3.59	3.52	3.53	3.51	3.50	3.46	3.46	3.59	3.54	3.54	3.52	3.52	3.48	3.49	3.44			

C Range: 0 - 360DEG
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