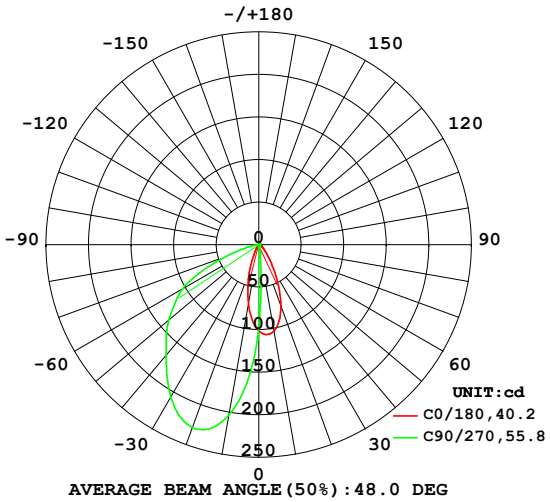
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:23.997V I:0.2301A P:5.5217W PF:1.0000 Freq:50.00Hz Lamp Flux:207.715x1 lm		
NAME: HCP-271916 5500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ONIKE	SUR.:	Shielding Angle:

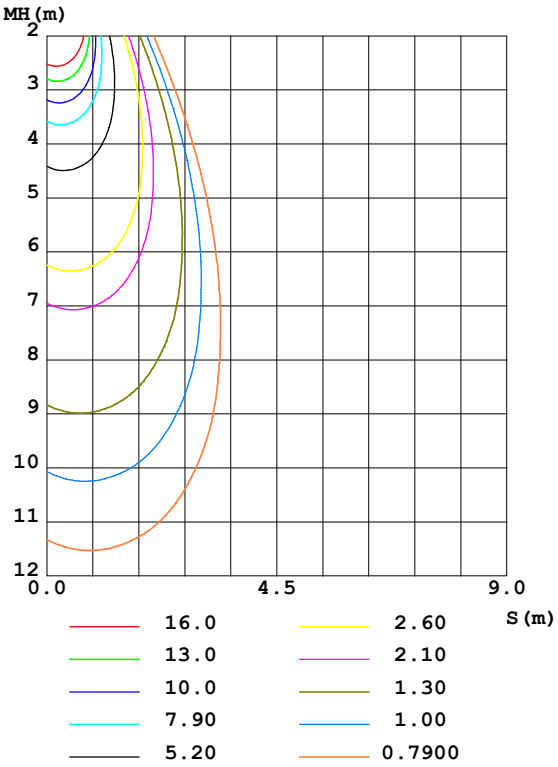
DATA OF LAMP		PHOTOMETRIC DATA Eff: 37.62 lm/W			
MODEL	HCP-271916 5500K	Imax(cd)	228.6	S/MH(C0/180)	0.49
NOMINAL POWER(W)	6	LOR(%)	100.0	S/MH(C90/270)	1.97
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	207.72	η UP,DN(C0-180)	1.0,5.2
NOMINAL FLUX(lm)	207.715	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.2,93.7
LAMPS INSIDE	1	η up(%)	1.1	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	23.997	η down(%)	98.9	CIBSE SHR MAX	0.75

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):48.0 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:2025-12-03

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-271916 5500K

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	103.3	20.41	12.61	13.03	70.57	170.0	203.6	179.4	0- 10	9.216	9.216	4.44,4.44
20	76.35	8.067	2.160	3.731	31.34	188.7	228.5	196.5	10- 20	27.00	36.22	17.4,17.4
30	38.52	1.094	0.6953	0.9999	7.742	159.7	206.8	176.6	20- 30	38.26	74.48	35.9,35.9
40	15.63	0.6865	0.6037	0.5821	2.712	106.7	169.6	142.7	30- 40	39.76	114.2	55,55
50	7.498	0.4996	0.5386	0.5169	1.141	63.80	137.9	113.6	40- 50	36.20	150.4	72.4,72.4
60	3.751	0.4127	0.4735	0.4561	0.5079	34.44	103.1	78.06	50- 60	30.31	180.7	87,87
70	1.044	0.3215	0.4169	0.3997	0.3083	12.19	41.86	31.58	60- 70	19.09	199.8	96.2,96.2
80	0.1308	0.1783	0.2868	0.2564	0.0956	1.116	3.513	2.787	70- 80	5.355	205.2	98.8,98.8
90	0	0.0739	0.1781	0.1303	0.0087	0	0	0	80- 90	0.2055	205.4	98.9,98.9
100	0	0.1691	0.3689	0.2431	0.0391	0	0	0	90-100	0.0831	205.5	98.9,98.9
110	0	0.3212	0.6643	0.4860	0.0869	0	0	0	100-110	0.1626	205.6	99,99
120	0.0347	0.5340	0.9983	0.7205	0.1739	0.0044	0	0	110-120	0.2550	205.9	99.1,99.1
130	0.1649	0.7724	1.276	0.9639	0.3129	0.0305	0	0.0001	120-130	0.3380	206.2	99.3,99.3
140	0.3255	0.9337	1.503	1.207	0.4909	0.1087	0.0131	0.0349	130-140	0.3942	206.6	99.5,99.5
150	0.5211	1.055	1.564	1.294	0.6603	0.2652	0.1088	0.1653	140-150	0.4003	207.0	99.7,99.7
160	0.6904	1.081	1.429	1.307	0.7993	0.4955	0.3477	0.4129	150-160	0.3490	207.4	99.8,99.8
170	0.8336	1.064	1.212	1.181	0.9165	0.7429	0.6693	0.7127	160-170	0.2417	207.6	100,100
180	0.9468	0.9642	0.9815	0.9946	0.9555	0.9381	0.9425	0.9598	170-180	0.0887	207.7	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:2025-12-03

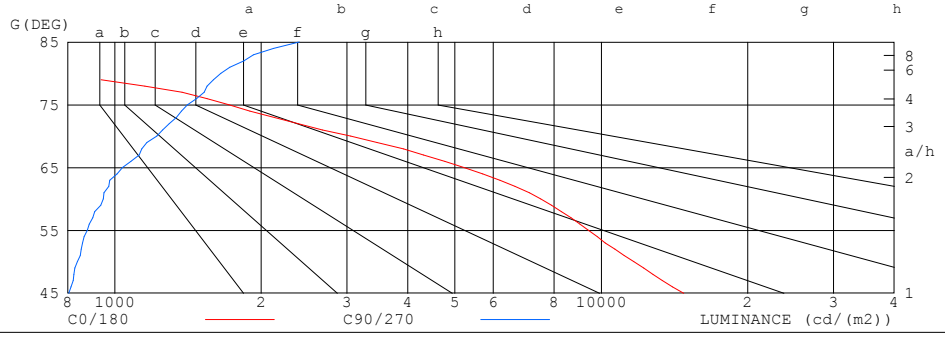
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:8.003m [K=1.0000]
Remarks: HCP-271916 5500K

LUMINANCE LIMITATION CURVES

Test:U:23.997V I:0.2301A P:5.5217W PF:1.0000 Freq:50.00Hz Lamp Flux:207.715x1 lm		
NAME: HCP-271916 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	450	2394
80	753	1652
75	1715	1410
70	3054	1219
65	5218	1038
60	7503	947
55	9404	878
50	11665	838
45	14765	805

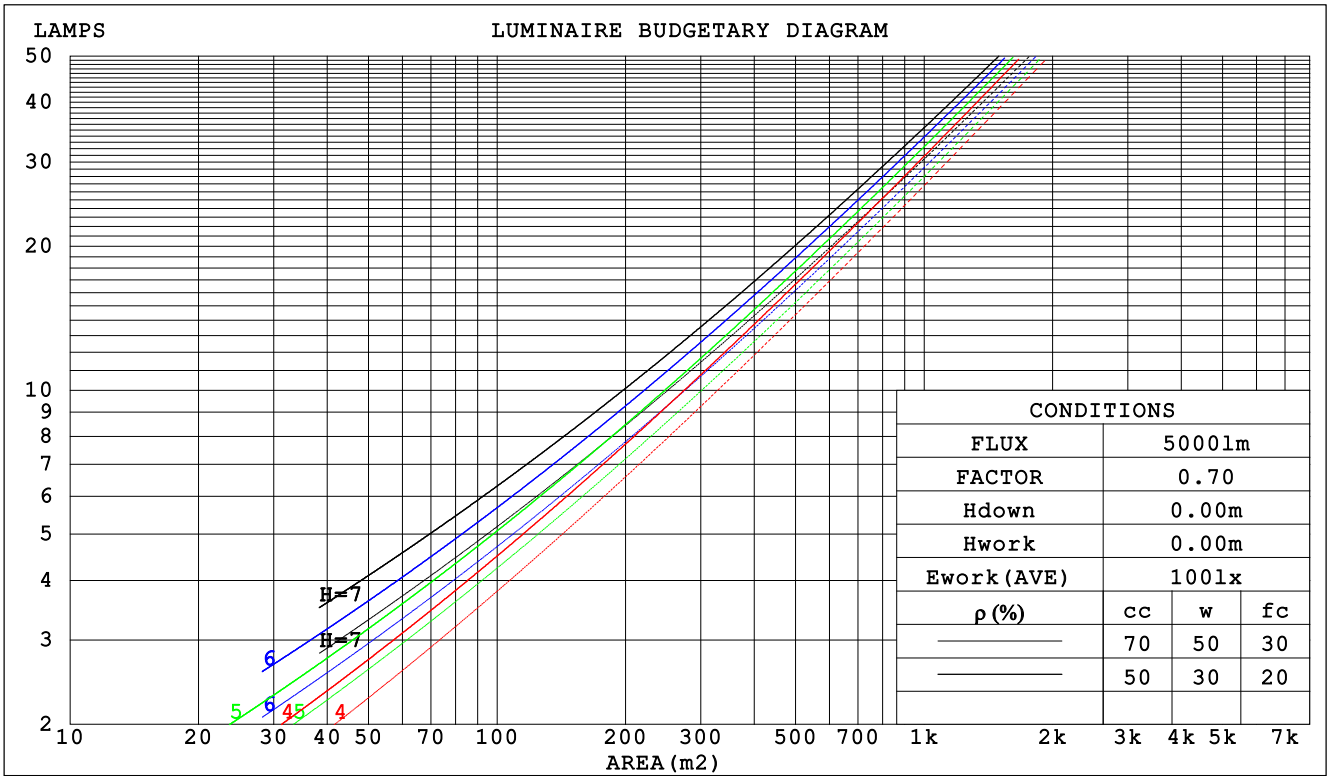
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-12-03

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-271916 5500K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:23.997V I:0.2301A P:5.5217W PF:1.0000 Freq:50.00Hz Lamp Flux:207.715x1 lm		
NAME: HCP-271916 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	1.06	1.03	.00	1.04	1.01	.98	.00	.97	.95	.96	.94	.92	.92	.90	.89	.87
2.0	.95	.89	.84	.93	.87	.83	.89	.85	.81	.86	.82	.79	.83	.80	.77	.75
3.0	.84	.77	.71	.83	.76	.71	.80	.74	.69	.77	.72	.68	.74	.70	.67	.65
4.0	.76	.68	.62	.74	.67	.61	.72	.65	.60	.69	.64	.59	.67	.62	.59	.57
5.0	.68	.60	.54	.67	.59	.54	.65	.58	.53	.63	.57	.52	.61	.56	.52	.50
6.0	.62	.54	.48	.61	.53	.48	.59	.52	.47	.57	.51	.47	.56	.50	.46	.44
7.0	.57	.48	.43	.56	.48	.43	.54	.47	.42	.53	.46	.42	.51	.46	.41	.40
8.0	.52	.44	.39	.51	.44	.38	.50	.43	.38	.49	.42	.38	.47	.42	.38	.36
9.0	.48	.40	.35	.47	.40	.35	.46	.39	.35	.45	.39	.34	.44	.38	.34	.33
10.0	.44	.37	.32	.44	.37	.32	.43	.36	.32	.42	.36	.32	.41	.35	.31	.30



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-12-03

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-271916 5500K

WEC AND CCEC

Test:U:23.997V I:0.2301A P:5.5217W PF:1.0000 Freq:50.00Hz Lamp Flux:207.715x1 lm		
NAME: HCP-271916 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	.255	.145	.046	.248	.141	.045	.234	.134	.043	.221	.128	.041	.210	.122	.039	
2.0	.249	.136	.042	.243	.134	.041	.231	.128	.040	.220	.123	.039	.210	.119	.037	
3.0	.236	.126	.038	.231	.123	.037	.220	.119	.036	.210	.115	.035	.201	.112	.035	
4.0	.222	.115	.034	.217	.114	.034	.208	.110	.033	.199	.107	.032	.191	.104	.032	
5.0	.208	.106	.031	.204	.105	.030	.195	.102	.030	.188	.099	.029	.181	.096	.029	
6.0	.195	.098	.028	.191	.097	.028	.184	.094	.027	.177	.092	.027	.170	.090	.027	
7.0	.183	.091	.026	.180	.090	.026	.173	.088	.025	.167	.086	.025	.161	.084	.025	
8.0	.172	.084	.024	.169	.083	.024	.163	.082	.023	.158	.080	.023	.152	.078	.023	
9.0	.162	.079	.022	.160	.078	.022	.154	.076	.022	.149	.075	.021	.145	.073	.021	
10.0	.154	.074	.020	.151	.073	.020	.146	.072	.020	.142	.070	.020	.137	.069	.020	

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	.185	.165	.147	.158	.142	.127	.108	.098	.088	.062	.056	.051	.020	.018	.016	
2.0	.175	.141	.112	.150	.121	.097	.103	.084	.067	.059	.049	.040	.019	.016	.013	
3.0	.167	.123	.088	.143	.106	.076	.098	.074	.053	.057	.043	.031	.018	.014	.010	
4.0	.159	.109	.071	.136	.094	.062	.094	.066	.043	.054	.038	.026	.017	.013	.008	
5.0	.152	.098	.059	.130	.085	.052	.090	.059	.036	.052	.035	.022	.017	.011	.007	
6.0	.145	.090	.051	.124	.078	.044	.086	.054	.031	.050	.032	.019	.016	.010	.006	
7.0	.138	.083	.044	.119	.072	.038	.082	.050	.027	.048	.030	.016	.015	.010	.005	
8.0	.132	.077	.039	.114	.067	.034	.079	.047	.024	.046	.028	.014	.015	.009	.005	
9.0	.127	.072	.035	.109	.063	.031	.076	.044	.022	.044	.026	.013	.014	.009	.004	
10.0	.121	.068	.032	.105	.059	.028	.073	.041	.020	.042	.025	.012	.014	.008	.004	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-12-03

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-271916 5500K

UGR(Unified Glare Rating) Table

Test:U:23.997V I:0.2301A P:5.5217W PF:1.0000 Freq:50.00Hz Lamp Flux:207.715x1 lm		
NAME: HCP-271916 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	15.5	16.9	15.8	17.1	17.3	2.7	4.0	3.0	4.3	4.5
	3H	15.9	17.1	16.2	17.4	17.6	5.4	6.6	5.7	6.9	7.1
	4H	15.9	17.1	16.2	17.3	17.6	6.8	8.0	7.1	8.2	8.5
	6H	15.8	16.9	16.2	17.2	17.5	8.1	9.2	8.4	9.5	9.8
	8H	15.8	16.8	16.1	17.1	17.4	8.7	9.7	9.0	10.0	10.3
	12H	15.7	16.8	16.1	17.1	17.4	9.3	10.3	9.6	10.6	10.9
4H	2H	15.2	16.4	15.6	16.7	16.9	3.5	4.6	3.8	4.9	5.2
	3H	15.6	16.6	16.0	16.9	17.3	6.3	7.3	6.6	7.6	7.9
	4H	15.6	16.6	16.0	16.9	17.2	7.8	8.7	8.2	9.1	9.4
	6H	15.6	16.4	16.0	16.8	17.2	9.2	10.1	9.7	10.4	10.8
	8H	15.6	16.3	16.0	16.7	17.1	9.9	10.7	10.3	11.0	11.4
	12H	15.5	16.2	16.0	16.6	17.0	10.6	11.3	11.1	11.7	12.1
8H	4H	15.5	16.3	16.0	16.7	17.1	8.1	8.9	8.5	9.2	9.6
	6H	15.5	16.2	16.0	16.6	17.0	9.7	10.3	10.2	10.8	11.2
	8H	15.5	16.0	16.0	16.5	17.0	10.5	11.0	11.0	11.5	12.0
	12H	15.5	15.9	16.0	16.4	16.9	11.4	11.9	11.9	12.3	12.8
12H	4H	15.5	16.2	15.9	16.6	17.0	8.1	8.8	8.5	9.2	9.6
	6H	15.5	16.1	16.0	16.5	17.0	9.8	10.3	10.3	10.8	11.2
	8H	15.5	16.0	16.0	16.4	16.9	10.6	11.1	11.1	11.5	12.0

Variations with the observer position at spacings:		
S = 1.0H	+ 4.6 / - 4.4	+ 0.1 / - 0.1
1.5H	+ 6.1 / - 7.3	+ 0.1 / - 0.2
2.0H	+ 6.4 / - 8.2	+ 0.2 / - 0.2

CIE Pub.117, 207.7 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -5.5)
Area: 0.001 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-12-03

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-271916 5500K

UTILIZATION FACTORS TABLE

Test:U:23.997V I:0.2301A P:5.5217W PF:1.0000 Freq:50.00Hz Lamp Flux:207.715x1 lm		
NAME: HCP-271916 5500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ONIKE	SUR.:	Shielding Angle:

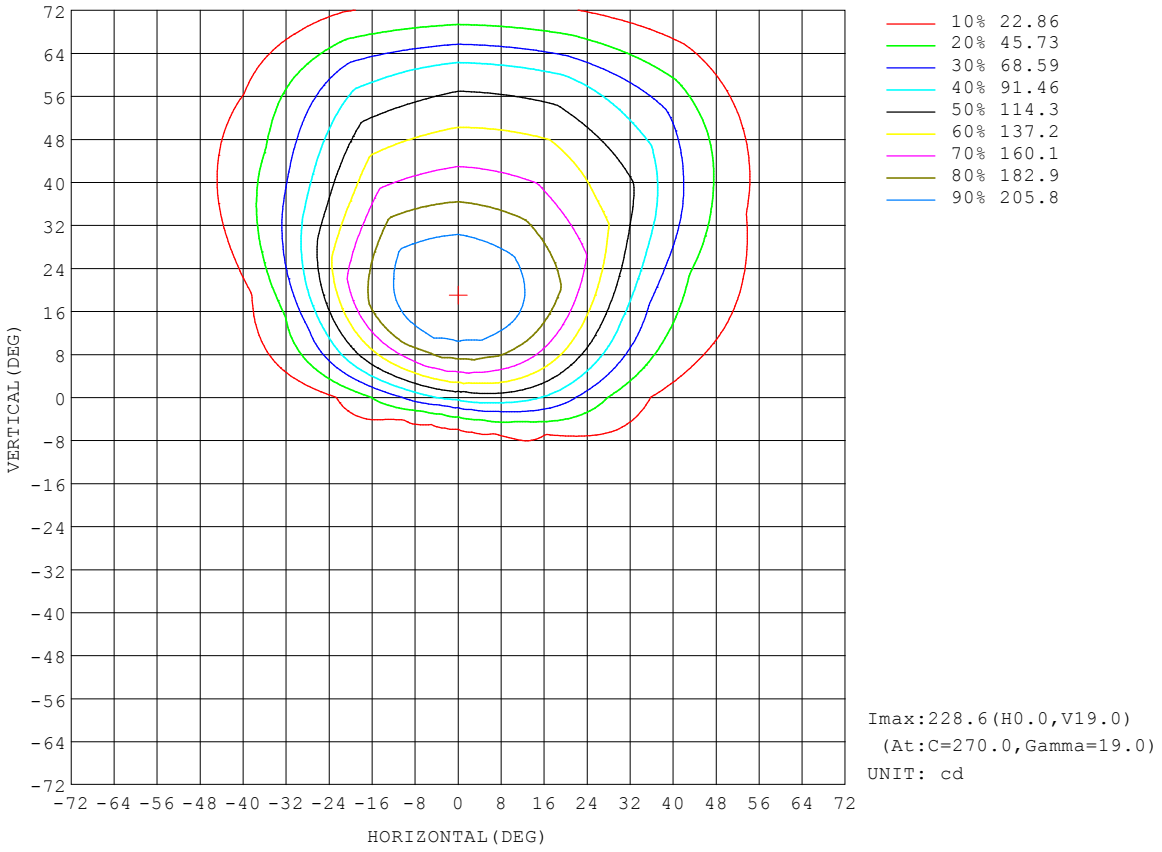
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	63	53	46	63	53	46	61	52	46	40
0.80	73	63	57	72	63	56	71	62	56	50
1.00	82	72	65	80	71	65	78	72	65	58
1.25	88	79	73	87	79	73	84	77	72	65
1.50	93	84	79	91	84	78	88	82	77	70
2.00	99	92	86	97	91	86	94	88	84	77
2.50	102	96	91	100	94	90	97	92	88	80
3.00	105	100	95	103	98	94	99	95	91	83
4.00	109	104	100	106	102	99	102	99	96	87
5.00	111	107	103	108	105	102	104	101	98	90
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:2025-12-03

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-271916 5500K

ISOCANDELA DIAGRAM

Test:U:23.997V I:0.2301A P:5.5217W PF:1.0000 Freq:50.00Hz Lamp Flux:207.715x1 lm		
NAME: HCP-271916 5500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ONIKE	SUR.:	Shielding Angle:

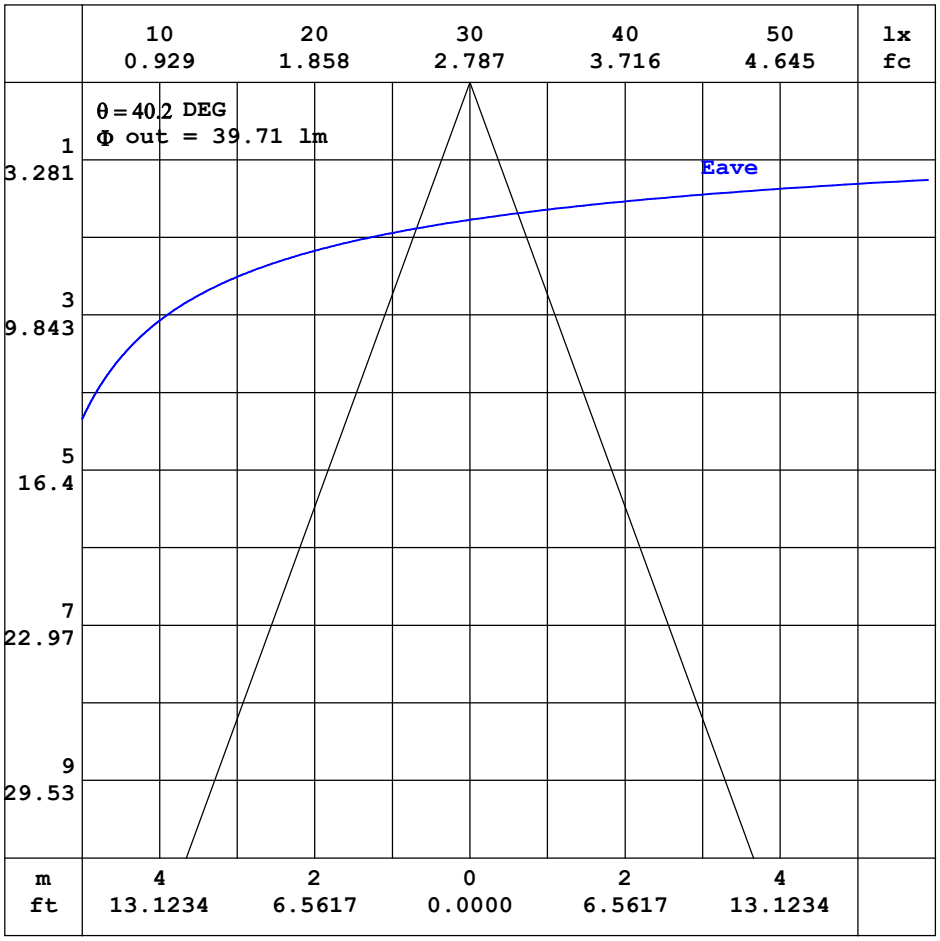


C Range: 0 - 360DEG
C Interval: 22.5DEG
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Temperature:25.3DEG
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γ Range: 0 - 180DEG
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Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:8.003m [K=1.0000]
Remarks: HCP-271916 5500K

AAI CURVES

Test:U:23.997V I:0.2301A P:5.5217W PF:1.0000 Freq:50.00Hz Lamp Flux:207.715x1 lm		
NAME: HCP-271916 5500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ONIKE	SUR.:	Shielding Angle:



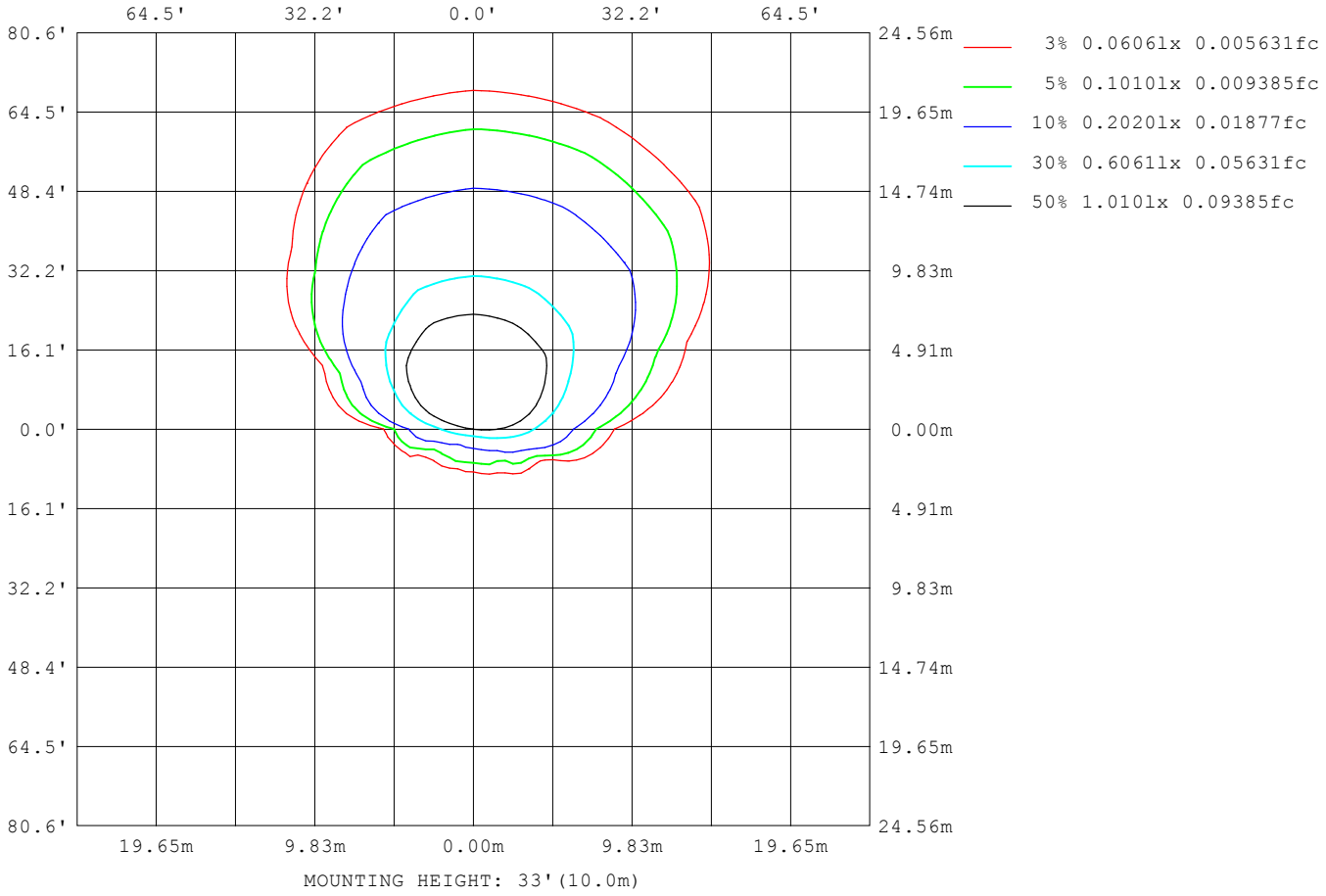
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-12-03

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-271916 5500K

ISOLUX DIAGRAM

Test:U:23.997V I:0.2301A P:5.5217W PF:1.0000 Freq:50.00Hz Lamp Flux:207.715x1 lm		
NAME: HCP-271916 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:2025-12-03

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-271916 5500K

LED Avg.L Report

Test:U:23.997V I:0.2301A P:5.5217W PF:1.0000 Freq:50.00Hz Lamp Flux:207.715x1 lm		
NAME: HCP-271916 5500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ONIKE	SUR.:	Shielding Angle:

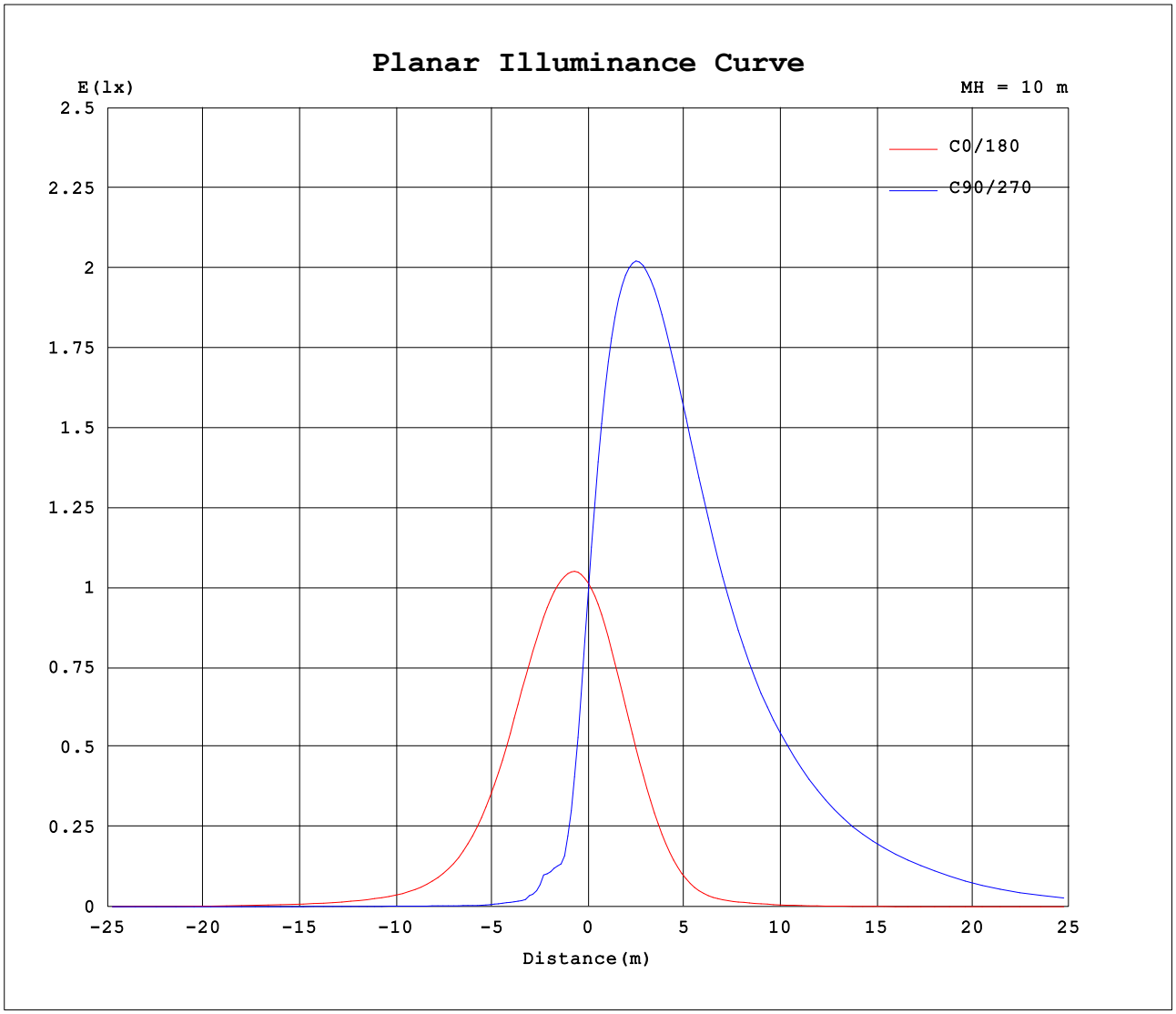
AvgL	cd/m2
L_0~180(65)av	3066
L_0~180(75)av	1259
L_0~180(85)av	399
L_90~270(65)av	86579
L_90~270(75)av	34832
L_90~270(85)av	1445
L_45(65)av	46694
L_45(75)av	18350
L_45(85)av	935

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-12-03

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-271916 5500K

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-12-03

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-271916 5500K

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:23.997V I:0.2301A P:5.5217W PF:1.0000 Freq:50.00Hz Lamp Flux:207.715x1 lm		
NAME: HCP-271916 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	101	101	99.5	101	98.1	100	97.6	99.1	101	101	99.5	101	98.1	100	97.6	99.1			
5	106	78.0	52.1	38.8	30.5	32.9	39.7	58.7	89.2	118	141	159	163	162	148	129			
10	103	52.9	20.4	13.1	12.6	12.7	13.0	26.7	70.6	126	170	196	204	199	179	147			
15	93.0	31.6	10.9	10.3	5.58	6.29	10.7	11.1	50.4	125	186	217	224	217	194	150			
20	76.3	16.3	8.07	3.26	2.16	2.21	3.73	8.17	31.3	115	189	223	228	221	196	141			
25	56.4	8.18	2.92	1.43	1.34	1.41	1.52	4.72	16.8	94.5	179	218	222	214	189	125			
30	38.5	5.34	1.09	0.89	0.70	0.66	1.00	1.69	7.74	69.7	160	204	207	200	177	105			
35	24.7	4.15	0.84	0.59	0.63	0.59	0.64	0.86	4.05	46.3	134	185	188	183	160	83.7			
40	15.6	2.89	0.69	0.55	0.60	0.54	0.58	0.68	2.71	28.6	107	165	170	166	143	65.2			
45	10.4	1.81	0.56	0.52	0.57	0.52	0.55	0.57	1.75	17.2	83.0	146	154	153	128	51.3			
50	7.50	0.93	0.50	0.50	0.54	0.51	0.52	0.45	1.14	10.8	63.8	127	138	138	114	41.2			
55	5.39	0.51	0.46	0.45	0.50	0.45	0.48	0.42	0.73	7.41	47.9	109	121	119	96.1	32.5			
60	3.75	0.40	0.41	0.42	0.47	0.44	0.46	0.38	0.51	5.12	34.4	88.7	103	101	78.1	23.9			
65	2.21	0.31	0.36	0.38	0.44	0.39	0.43	0.38	0.39	3.24	22.5	63.7	72.7	70.2	55.6	15.6			
70	1.04	0.23	0.32	0.37	0.42	0.38	0.40	0.30	0.31	1.66	12.2	36.4	41.9	39.9	31.6	8.34			
75	0.44	0.16	0.26	0.31	0.36	0.32	0.34	0.24	0.21	0.65	4.96	15.1	17.7	16.5	13.4	3.24			
80	0.13	0.09	0.18	0.23	0.29	0.25	0.26	0.15	0.10	0.23	1.12	2.95	3.51	3.10	2.79	0.66			
85	0.04	0.02	0.10	0.15	0.21	0.17	0.17	0.06	0.03	0.06	0.03	0.08	0.04	0.09	0.03	0.06			
90	0.00	0.02	0.07	0.15	0.18	0.18	0.13	0.05	0.01	0.00	0.00	0.00	0.00	0.02	0.00	0.00			
95	0.00	0.03	0.10	0.24	0.25	0.28	0.17	0.09	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
100	0.00	0.06	0.17	0.34	0.37	0.40	0.24	0.13	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
105	0.00	0.09	0.24	0.46	0.51	0.53	0.36	0.20	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
110	0.00	0.14	0.32	0.59	0.66	0.68	0.49	0.27	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
115	0.02	0.20	0.44	0.72	0.82	0.83	0.58	0.36	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
120	0.03	0.28	0.53	0.86	1.00	0.98	0.72	0.46	0.17	0.01	0.00	0.00	0.00	0.00	0.00	0.00			
125	0.10	0.37	0.65	0.98	1.14	1.12	0.86	0.56	0.24	0.03	0.02	0.00	0.00	0.00	0.00	0.00			
130	0.16	0.47	0.77	1.10	1.28	1.26	0.96	0.68	0.31	0.07	0.03	0.00	0.00	0.00	0.00	0.00			
135	0.23	0.56	0.86	1.22	1.41	1.39	1.08	0.79	0.40	0.12	0.06	0.00	0.00	0.00	0.01	0.03			
140	0.33	0.66	0.93	1.32	1.50	1.49	1.21	0.89	0.49	0.21	0.11	0.00	0.01	0.00	0.03	0.10			
145	0.45	0.74	1.00	1.36	1.55	1.50	1.27	0.98	0.58	0.30	0.18	0.03	0.05	0.02	0.08	0.17			
150	0.52	0.81	1.06	1.36	1.56	1.50	1.29	1.05	0.66	0.38	0.27	0.11	0.11	0.08	0.17	0.26			
155	0.61	0.86	1.08	1.35	1.52	1.48	1.31	1.08	0.73	0.49	0.37	0.23	0.21	0.17	0.28	0.37			
160	0.69	0.90	1.08	1.27	1.43	1.39	1.31	1.08	0.80	0.59	0.50	0.37	0.35	0.30	0.41	0.52			
165	0.78	0.94	1.08	1.19	1.32	1.29	1.25	1.08	0.86	0.66	0.63	0.51	0.50	0.45	0.56	0.66			
170	0.83	0.95	1.06	1.10	1.21	1.19	1.18	1.08	0.92	0.79	0.74	0.65	0.67	0.65	0.71	0.79			
175	0.90	0.95	1.03	1.02	1.11	1.07	1.09	1.02	0.96	0.87	0.86	0.80	0.85	0.79	0.86	0.86			
180	0.95	0.95	0.96	0.96	0.98	0.98	0.99	0.99	0.96	0.94	0.94	0.94	0.94	0.95	0.96	0.95			

C Range: 0 - 360DEG
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