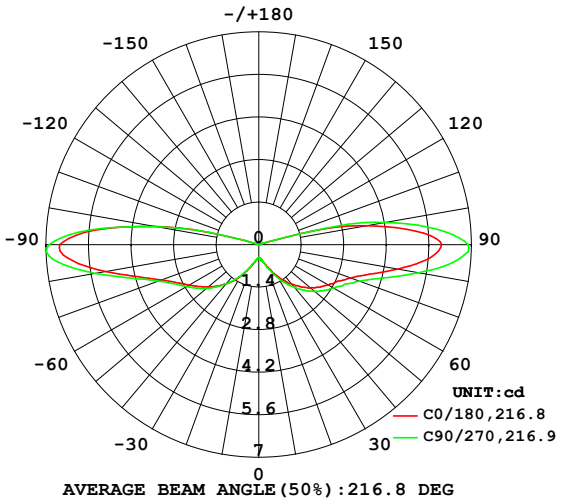
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:23.997V I:0.2330A P:5.5913W PF:1.0000 Freq:50.00Hz Lamp Flux:25.6189x1 lm		
NAME: HCP-271914-3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ONIKE	SUR.:	Shielding Angle:

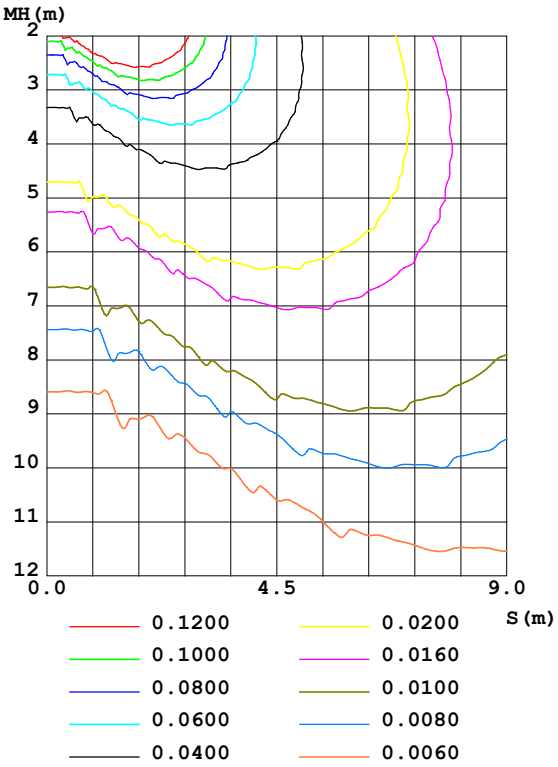
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 4.58 lm/W	
MODEL	HCP-271914-3000K	Imax(cd)	10.17	S/MH(C0/180)	4.30
NOMINAL POWER(W)	6	LOR(%)	100.0	S/MH(C90/270)	4.43
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	25.619	η UP,DN(C0-180)	14.5,38.2
NOMINAL FLUX(lm)	25.6189	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	12.2,35.1
LAMPS INSIDE	1	η up(%)	26.7	CIBSE SHR NOM	2.00
TEST VOLTAGE(V)	23.997	η down(%)	73.3	CIBSE SHR MAX	2.00

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):216.8 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:2025-11-28

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-271914-Front Cover 3000K

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	0.5213	0.5385	0.5299	0.5283	0.5256	0.5342	0.5127	0.5213	0- 10	0.0454	0.0454	0.18,0.18
20	0.7294	0.7984	0.8112	0.7725	0.7735	0.7517	0.7474	0.7474	10- 20	0.1787	0.2241	0.87,0.87
30	1.168	1.298	1.272	1.198	1.204	1.160	1.173	1.177	20- 30	0.4554	0.6794	2.65,2.65
40	1.698	1.919	1.841	1.706	1.681	1.642	1.690	1.686	30- 40	0.9315	1.611	6.29,6.29
50	2.219	2.544	2.392	2.249	2.172	2.159	2.242	2.168	40- 50	1.545	3.156	12.3,12.3
60	2.653	3.040	2.853	2.788	2.659	2.641	2.763	2.589	50- 60	2.213	5.369	21,21
70	3.226	3.773	3.521	3.660	3.411	3.380	3.524	3.180	60- 70	2.943	8.312	32.4,32.4
80	4.667	6.528	5.344	6.220	5.114	5.032	5.458	4.606	70- 80	4.245	12.56	49,49
90	6.011	8.803	6.888	7.772	6.548	6.092	6.899	5.884	80- 90	6.215	18.77	73.3,73.3
100	3.600	5.186	4.243	3.983	3.457	2.845	3.409	3.362	90-100	5.378	24.15	94.3,94.3
110	0.0838	0.0797	0.0574	0.0357	0.0086	0.0215	0.0258	0.0387	100-110	1.459	25.61	100,100
120	0	0	0.0043	0	0	0	0	0	110-120	0.0084	25.62	100,100
130	0	0	0	0	0	0	0	0	120-130	0.0010	25.62	100,100
140	0	0	0	0	0	0	0	0	130-140	0.0000	25.62	100,100
150	0	0	0	0	0	0	0	0	140-150	0	25.62	100,100
160	0	0	0	0	0	0	0	0	150-160	0	25.62	100,100
170	0	0	0	0	0	0	0	0	160-170	0	25.62	100,100
180	0	0	0	0	0	0	0	0	170-180	0	25.62	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:2025-11-28

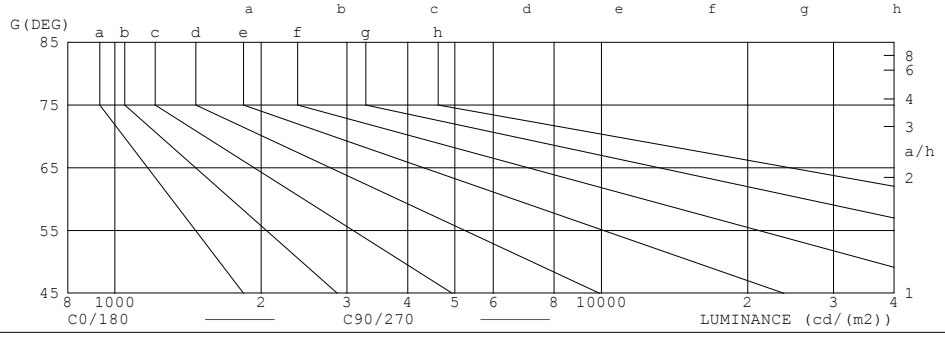
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:8.003m [K=1.0000]
Remarks: HCP-271914-Front Cover 3000K

LUMINANCE LIMITATION CURVES

Test:U:23.997V I:0.2330A P:5.5913W PF:1.0000 Freq:50.00Hz Lamp Flux:25.6189x1 lm		
NAME: HCP-271914-3000K	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	640	742
80	269	308
75	146	164
70	94	103
65	68	73
60	53	57
55	43	46
50	35	37
45	28	30

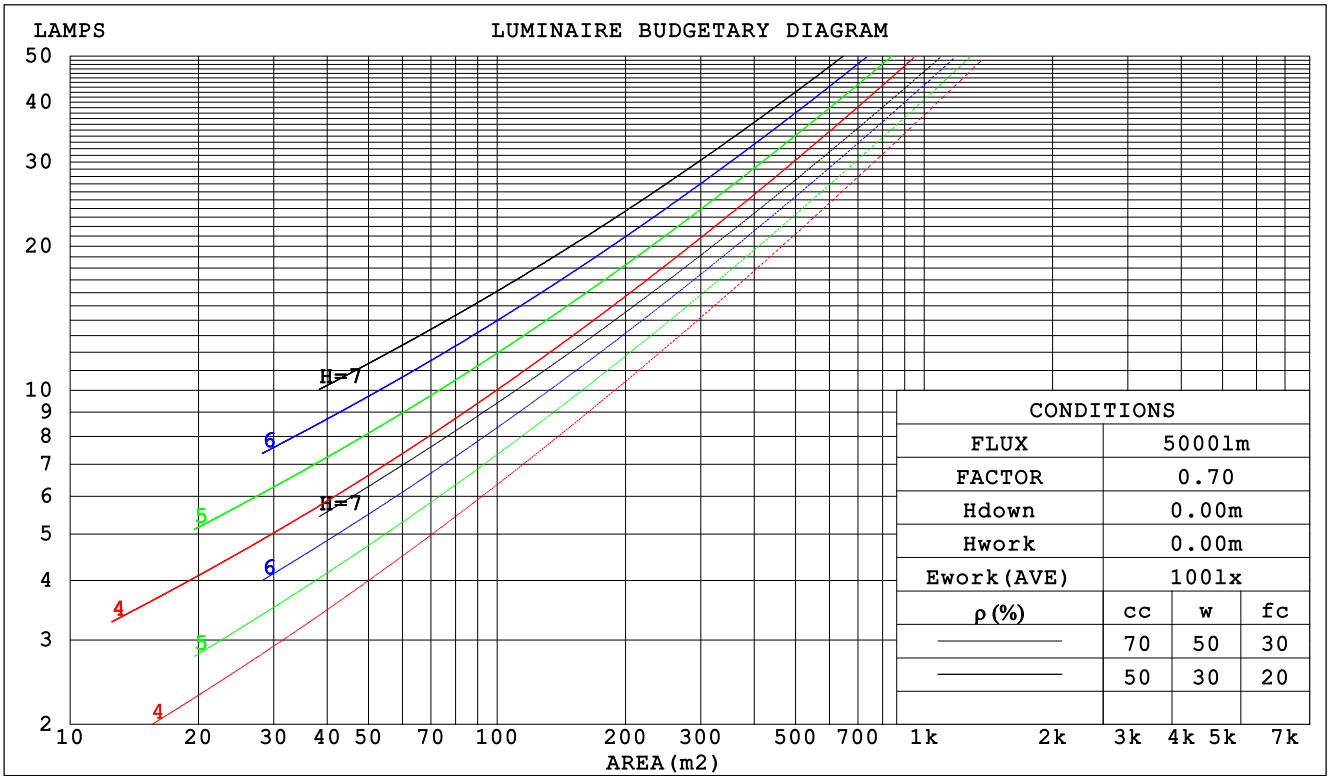
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-11-28

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-271914-Front Cover 3000K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:23.997V I:0.2330A P:5.5913W PF:1.0000 Freq:50.00Hz Lamp Flux:25.6189x1 lm		
NAME: HCP-271914-3000K	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	1.13	1.13	1.13	1.07	1.07	1.07	.96	.96	.96	.86	.86	.86	.77	.77	.77	.73
1.0	.82	.74	.66	.77	.70	.63	.68	.61	.56	.59	.54	.49	.51	.47	.43	.38
2.0	.67	.56	.47	.62	.53	.44	.54	.46	.39	.46	.40	.34	.39	.34	.29	.25
3.0	.56	.45	.35	.52	.42	.33	.45	.36	.29	.38	.31	.25	.32	.26	.21	.17
4.0	.48	.37	.28	.45	.34	.26	.39	.30	.23	.33	.26	.20	.28	.21	.16	.13
5.0	.42	.31	.23	.39	.29	.21	.34	.25	.18	.29	.21	.16	.24	.18	.13	.10
6.0	.37	.26	.19	.35	.25	.18	.30	.22	.15	.26	.18	.13	.22	.15	.11	.08
7.0	.33	.23	.16	.31	.22	.15	.27	.19	.13	.23	.16	.11	.19	.13	.09	.06
8.0	.30	.20	.14	.28	.19	.13	.24	.17	.11	.21	.14	.09	.18	.12	.08	.05
9.0	.27	.18	.12	.25	.17	.11	.22	.15	.09	.19	.13	.08	.16	.11	.07	.04
10.0	.25	.16	.10	.23	.15	.10	.20	.13	.08	.18	.11	.07	.15	.10	.06	.04



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-11-28

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-271914-Front Cover 3000K

WEC AND CCEC

Test:U:23.997V I:0.2330A P:5.5913W PF:1.0000 Freq:50.00Hz Lamp Flux:25.6189x1 lm		
NAME: HCP-271914-3000K	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	.601	.342	.108	.585	.334	.106	.556	.319	.102	.528	.305	.098	.503	.291	.094	
2.0	.457	.251	.077	.443	.244	.075	.415	.231	.072	.390	.219	.069	.367	.208	.065	
3.0	.378	.201	.060	.365	.195	.059	.340	.184	.056	.317	.174	.053	.296	.164	.051	
4.0	.324	.169	.050	.312	.163	.048	.290	.154	.046	.269	.144	.044	.250	.136	.041	
5.0	.285	.145	.042	.274	.141	.041	.254	.132	.039	.235	.124	.037	.217	.116	.035	
6.0	.255	.128	.037	.245	.124	.036	.226	.116	.034	.209	.108	.032	.192	.101	.030	
7.0	.230	.114	.032	.221	.110	.031	.204	.103	.030	.188	.097	.028	.173	.090	.026	
8.0	.210	.103	.029	.202	.100	.028	.186	.093	.027	.172	.087	.025	.158	.081	.024	
9.0	.194	.094	.026	.186	.091	.025	.172	.085	.024	.158	.079	.023	.145	.074	.021	
10.0	.179	.086	.024	.172	.083	.023	.159	.078	.022	.146	.073	.021	.134	.068	.019	

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	.394	.394	.394	.337	.337	.337	.230	.230	.230	.132	.132	.132	.042	.042	.042	
1.0	.406	.359	.317	.347	.308	.272	.237	.212	.188	.137	.123	.110	.044	.039	.035	
2.0	.401	.338	.285	.343	.291	.246	.235	.201	.172	.136	.117	.101	.044	.038	.033	
3.0	.393	.323	.267	.337	.278	.231	.231	.193	.162	.134	.113	.096	.043	.037	.031	
4.0	.384	.311	.256	.330	.269	.222	.227	.187	.157	.131	.110	.093	.042	.036	.030	
5.0	.375	.302	.248	.322	.261	.216	.222	.183	.153	.129	.107	.091	.041	.035	.030	
6.0	.366	.295	.243	.315	.255	.212	.217	.179	.150	.126	.105	.089	.041	.034	.029	
7.0	.358	.288	.239	.308	.250	.209	.213	.175	.148	.124	.103	.088	.040	.034	.029	
8.0	.350	.283	.237	.301	.245	.206	.209	.172	.146	.121	.102	.087	.039	.033	.029	
9.0	.343	.278	.234	.295	.241	.204	.205	.170	.145	.119	.100	.087	.039	.033	.029	
10.0	.336	.274	.232	.290	.238	.203	.201	.167	.144	.117	.099	.086	.038	.033	.029	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-11-28

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-271914-Front Cover 3000K

UGR(Unified Glare Rating) Table

Test:U:23.997V I:0.2330A P:5.5913W PF:1.0000 Freq:50.00Hz Lamp Flux:25.6189x1 lm		
NAME: HCP-271914-3000K	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	11.6	13.1	12.2	13.8	14.6	14.4	15.9	15.0	16.6	17.4
	3H	15.5	16.9	16.2	17.6	18.5	18.5	19.9	19.2	20.6	21.5
	4H	18.1	19.5	18.8	20.2	21.0	21.1	22.4	21.7	23.1	24.0
	6H	21.4	22.7	22.1	23.4	24.3	24.2	25.5	24.8	26.2	27.1
	8H	23.3	24.6	24.0	25.3	26.2	25.9	27.2	26.6	27.9	28.8
	12H	25.5	26.7	26.2	27.5	28.4	27.8	29.0	28.5	29.8	30.7
4H	2H	13.7	15.0	14.3	15.7	16.6	15.4	16.8	16.1	17.5	18.3
	3H	17.1	18.3	17.8	19.0	19.9	20.0	21.2	20.7	22.0	22.9
	4H	19.3	20.4	20.0	21.2	22.1	22.9	24.1	23.6	24.8	25.7
	6H	22.3	23.4	23.1	24.1	25.1	26.3	27.3	27.0	28.1	29.0
	8H	24.3	25.3	25.0	26.1	27.0	28.1	29.1	28.8	29.8	30.8
	12H	26.6	27.5	27.4	28.3	29.3	30.0	30.9	30.7	31.7	32.7
8H	4H	21.5	22.5	22.3	23.3	24.3	23.9	24.9	24.6	25.7	26.6
	6H	24.1	25.0	24.9	25.8	26.8	27.8	28.6	28.5	29.5	30.5
	8H	25.7	26.5	26.5	27.3	28.3	29.9	30.7	30.7	31.5	32.5
	12H	27.7	28.4	28.5	29.3	30.3	32.1	32.8	32.9	33.7	34.7
12H	4H	22.6	23.5	23.4	24.3	25.3	24.0	25.0	24.8	25.8	26.8
	6H	25.5	26.3	26.3	27.1	28.1	28.2	29.0	29.0	29.8	30.8
	8H	27.0	27.7	27.8	28.6	29.6	30.5	31.2	31.3	32.1	33.1

Variations with the observer position at spacings:		
S = 1.0H	+ 0.1 / - 0.1	+ 0.1 / - 0.2
1.5H	+ 0.2 / - 0.2	+ 0.3 / - 0.4
2.0H	+ 0.4 / - 0.3	+ 0.4 / - 0.5

CIE Pub.117, 25.62 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -12.7)
Area: 0.1 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-11-28

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-271914-Front Cover 3000K

UTILIZATION FACTORS TABLE

Test:U:23.997V I:0.2330A P:5.5913W PF:1.0000 Freq:50.00Hz Lamp Flux:25.6189x1 lm		
NAME: HCP-271914-3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ONIKE	SUR.:	Shielding Angle:

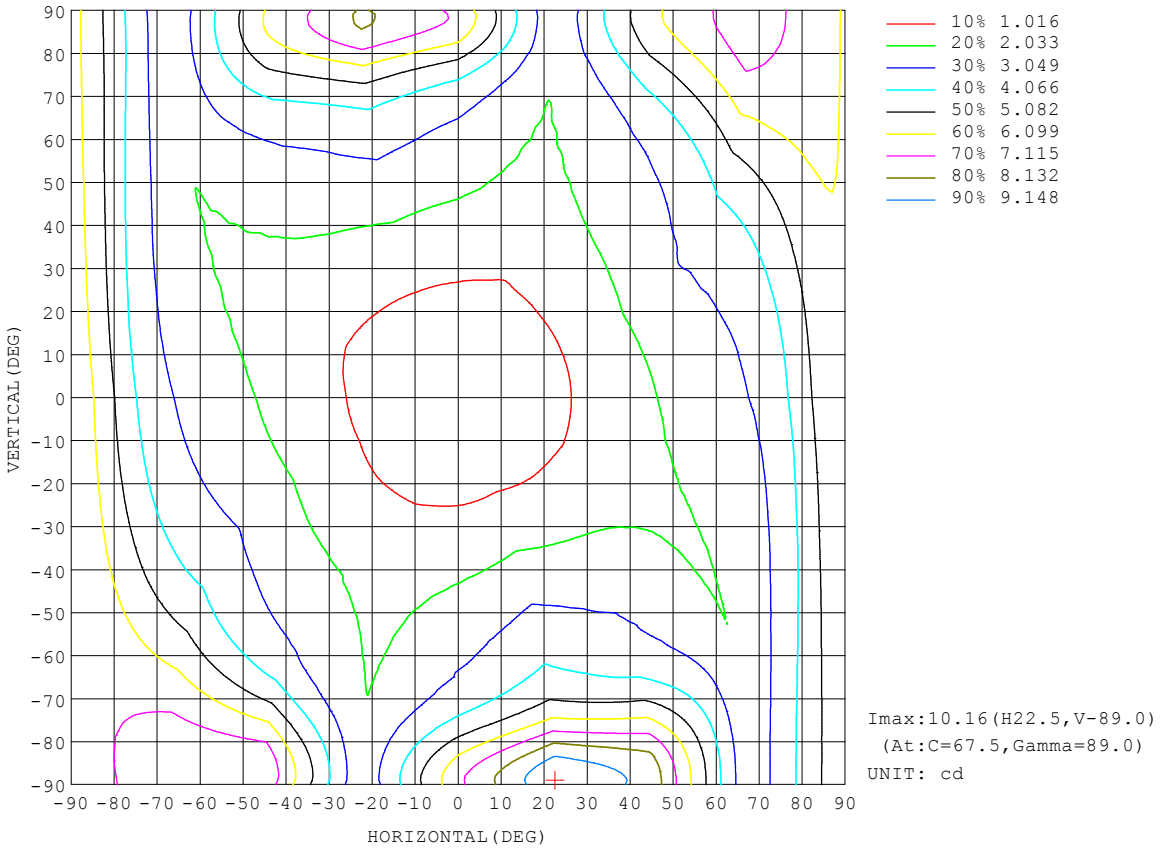
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	35	20	12	33	20	12	32	19	11	4
0.80	42	26	16	40	25	16	38	24	16	7
1.00	48	32	21	46	31	21	43	32	20	10
1.25	55	38	26	52	36	26	48	34	24	13
1.50	60	43	31	57	41	30	52	38	28	16
2.00	67	51	39	64	49	38	58	45	35	22
2.50	73	57	45	69	55	43	62	50	40	26
3.00	77	62	50	73	60	49	66	54	45	29
4.00	83	70	59	79	67	56	70	60	52	35
5.00	87	75	65	82	72	62	74	65	57	39
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:2025-11-28

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-271914-Front Cover 3000K

ISOCANDELA DIAGRAM

Test:U:23.997V I:0.2330A P:5.5913W PF:1.0000 Freq:50.00Hz Lamp Flux:25.6189x1 lm		
NAME: HCP-271914-3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ONIKE	SUR.:	Shielding Angle:

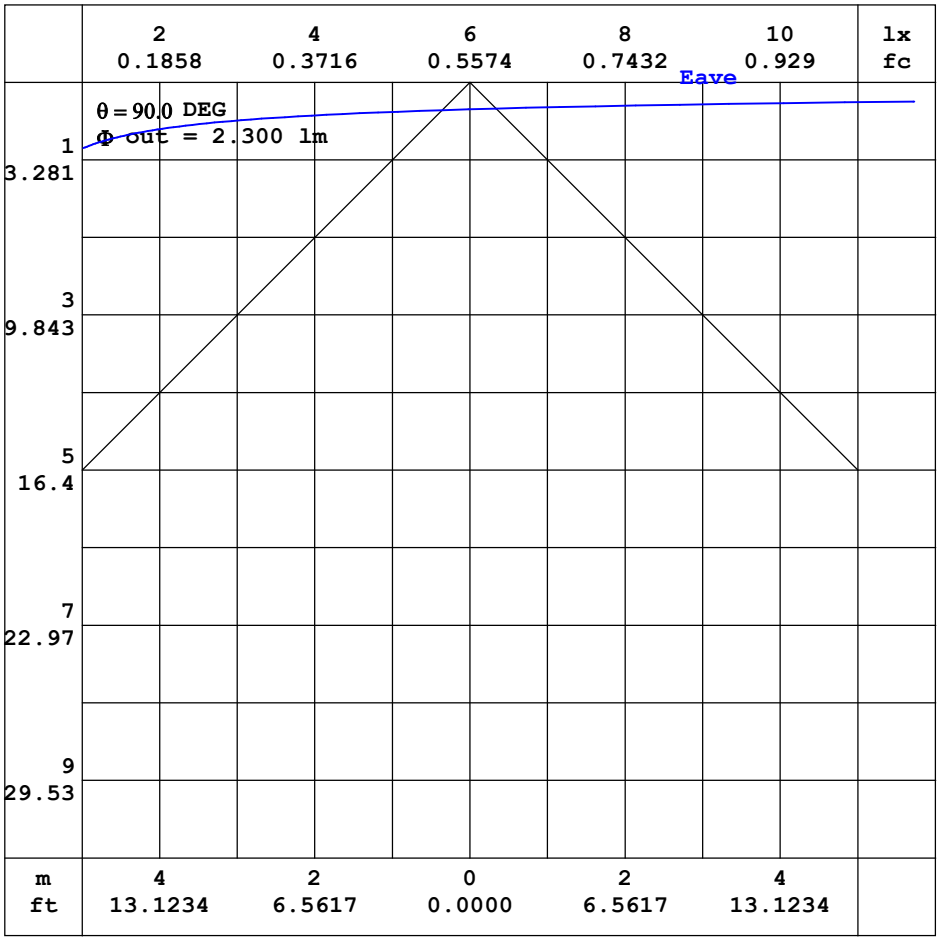


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-11-28

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-271914-Front Cover 3000K

AAI CURVES

Test:U:23.997V I:0.2330A P:5.5913W PF:1.0000 Freq:50.00Hz Lamp Flux:25.6189x1 lm		
NAME: HCP-271914-3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ONIKE	SUR.:	Shielding Angle:



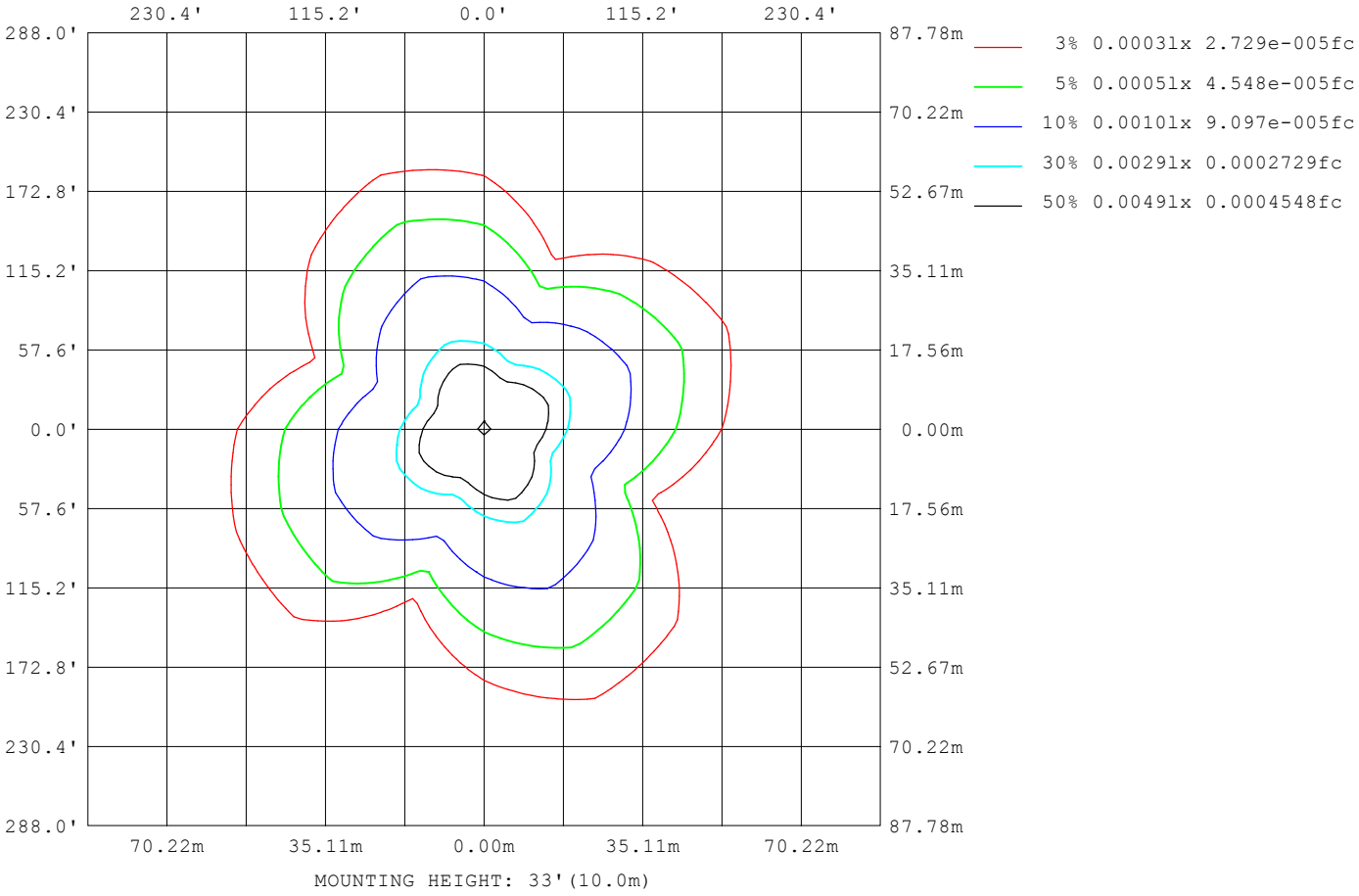
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-11-28

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-271914-Front Cover 3000K

ISOLUX DIAGRAM

Test:U:23.997V I:0.2330A P:5.5913W PF:1.0000 Freq:50.00Hz Lamp Flux:25.6189x1 lm		
NAME: HCP-271914-3000K	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:2025-11-28

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-271914-Front Cover 3000K

LED Avg.L Report

Test:U:23.997V I:0.2330A P:5.5913W PF:1.0000 Freq:50.00Hz Lamp Flux:25.6189x1 lm		
NAME: HCP-271914-3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ONIKE	SUR.:	Shielding Angle:

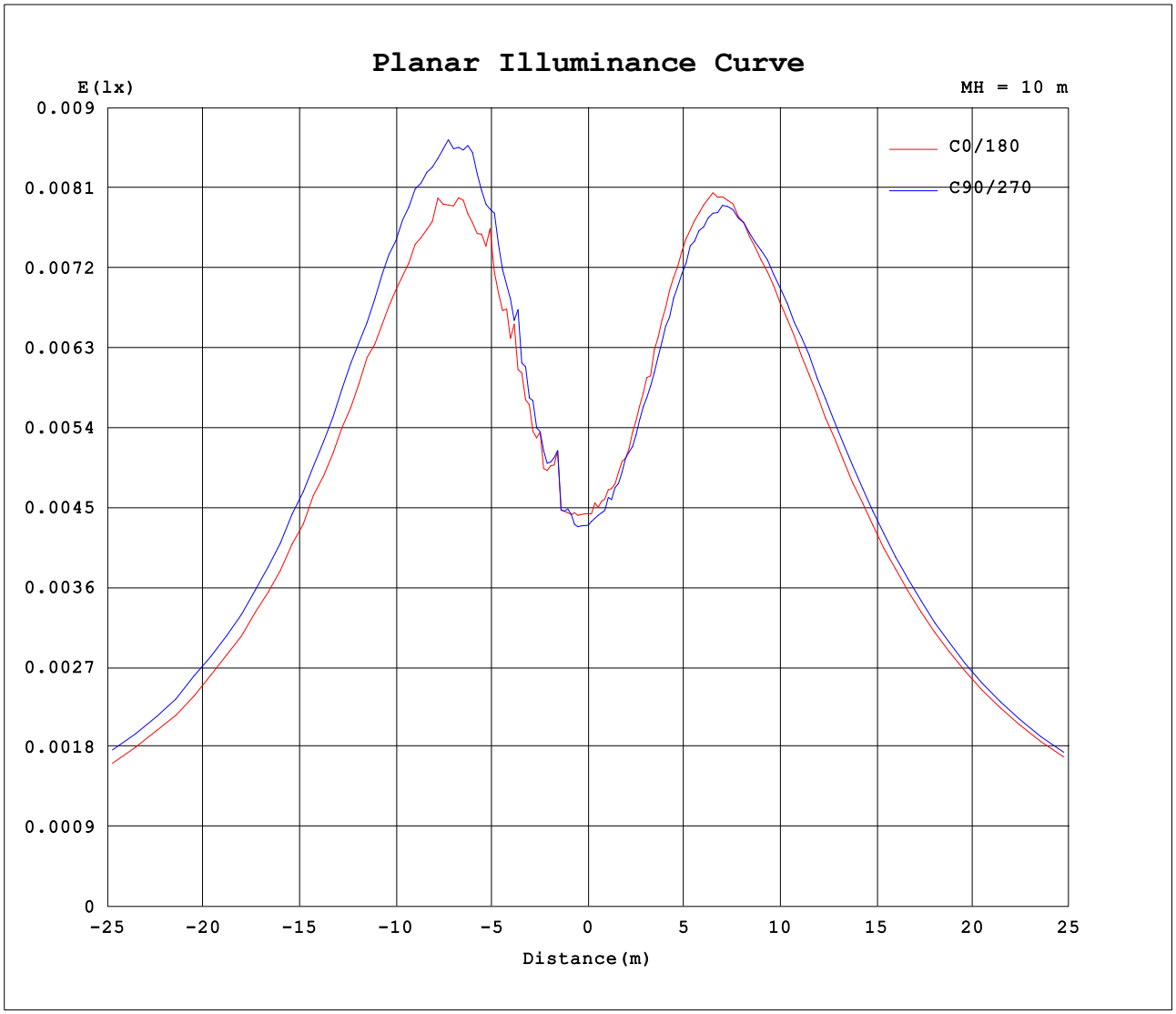
AvgL	cd/m2
L_0~180(65)av	69
L_0~180(75)av	152
L_0~180(85)av	672
L_90~270(65)av	73
L_90~270(75)av	165
L_90~270(85)av	752
L_45(65)av	72
L_45(75)av	168
L_45(85)av	782

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-11-28

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-271914-Front Cover 3000K

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-11-28

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-271914-Front Cover 3000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:23.997V I:0.2330A P:5.5913W PF:1.0000 Freq:50.00Hz Lamp Flux:25.6189x1 lm		
NAME: HCP-271914-3000K	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	0.44	0.44	0.43	0.44	0.43	0.43	0.43	0.43	0.44	0.44	0.43	0.44	0.43	0.43	0.43	0.43			
5	0.45	0.47	0.46	0.47	0.45	0.46	0.45	0.46	0.46	0.44	0.46	0.44	0.45	0.44	0.46	0.43			
10	0.52	0.53	0.54	0.53	0.53	0.53	0.53	0.54	0.53	0.53	0.53	0.53	0.51	0.51	0.52	0.53			
15	0.59	0.63	0.60	0.65	0.60	0.63	0.59	0.63	0.63	0.58	0.61	0.58	0.61	0.59	0.61	0.59			
20	0.73	0.77	0.80	0.83	0.81	0.77	0.77	0.80	0.77	0.72	0.75	0.73	0.75	0.71	0.75	0.73			
25	0.93	0.95	1.01	1.10	1.00	0.96	0.96	1.02	0.97	0.86	0.93	0.94	0.94	0.86	0.94	0.96			
30	1.17	1.16	1.30	1.44	1.27	1.16	1.20	1.29	1.20	1.09	1.16	1.22	1.17	1.09	1.18	1.24			
35	1.44	1.38	1.63	1.81	1.55	1.37	1.46	1.59	1.46	1.25	1.41	1.51	1.44	1.26	1.44	1.55			
40	1.70	1.56	1.92	2.21	1.84	1.55	1.71	1.89	1.68	1.42	1.64	1.83	1.69	1.44	1.69	1.90			
45	1.97	1.71	2.25	2.61	2.12	1.67	1.98	2.23	1.92	1.55	1.91	2.19	1.97	1.60	1.94	2.23			
50	2.22	1.81	2.54	3.02	2.39	1.77	2.25	2.57	2.17	1.67	2.16	2.54	2.24	1.70	2.17	2.55			
55	2.46	1.87	2.81	3.41	2.63	1.83	2.53	2.91	2.41	1.76	2.40	2.88	2.50	1.78	2.38	2.87			
60	2.65	1.91	3.04	3.78	2.85	1.89	2.79	3.27	2.66	1.84	2.64	3.28	2.76	1.85	2.59	3.21			
65	2.86	1.94	3.30	4.17	3.11	1.94	3.10	3.68	2.97	1.91	2.94	3.69	3.06	1.94	2.83	3.56			
70	3.23	1.99	3.77	4.78	3.52	2.01	3.66	4.25	3.41	1.99	3.38	4.29	3.52	2.01	3.18	4.04			
75	3.78	2.04	4.82	5.92	4.24	2.07	4.70	5.15	4.10	2.07	4.07	5.29	4.28	2.09	3.77	4.88			
80	4.67	2.10	6.53	7.72	5.34	2.14	6.22	6.31	5.11	2.12	5.03	6.68	5.46	2.15	4.61	6.04			
85	5.57	2.16	8.22	9.48	6.46	2.20	7.59	7.44	6.15	2.08	5.94	7.98	6.64	2.15	5.50	7.24			
90	6.01	2.19	8.80	10.1	6.89	2.10	7.77	7.73	6.55	2.02	6.09	8.23	6.90	2.07	5.88	7.82			
95	5.19	1.77	7.36	8.65	5.91	1.63	6.18	6.49	5.44	1.57	4.95	6.61	5.58	1.66	5.06	6.83			
100	3.60	1.08	5.19	6.24	4.24	0.92	3.98	4.31	3.46	0.82	2.84	3.94	3.41	0.90	3.36	4.74			
105	1.40	0.17	2.04	2.55	1.37	0.13	1.11	1.25	1.04	0.16	0.90	1.27	1.17	0.18	1.14	1.83			
110	0.08	0.00	0.08	0.09	0.06	0.00	0.04	0.03	0.01	0.02	0.02	0.07	0.03	0.02	0.04	0.13			
115	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.03	0.00	0.00	0.00	0.02			
120	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	0.00	0.00	0.01			
125	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	0.00	0.00	0.01			
130	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			
135	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			
140	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			
145	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			
150	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			
155	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			
160	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			
165	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			
170	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			
175	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			
180	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			

C Range: 0 - 360DEG
C Interval: 22.5DEG
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Operators:DAMIN
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γ Range: 0 - 180DEG
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