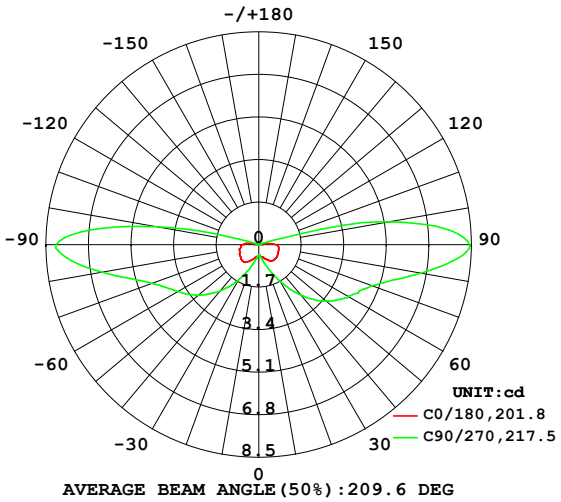
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:23.997V I:0.2319A P:5.5649W PF:1.0000 Freq:50.00Hz Lamp Flux:25.6918x1 lm		
NAME: HCP-271912-3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ONIKE	SUR.:	Shielding Angle:

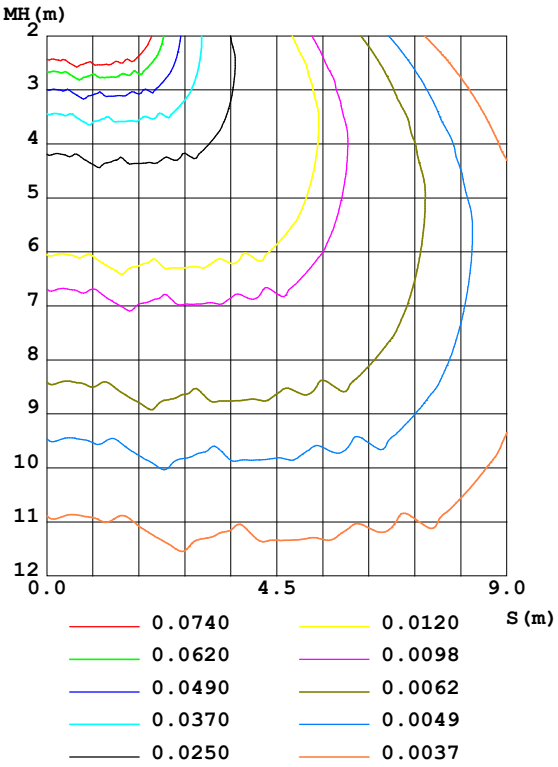
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 4.62 lm/W	
MODEL	HCP-271912-3000K	Imax(cd)	9.971	S/MH(C0/180)	2.45
NOMINAL POWER(W)	6	LOR(%)	100.0	S/MH(C90/270)	4.93
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	25.692	η UP,DN(C0-180)	13.8,37.2
NOMINAL FLUX(lm)	25.6918	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	12.9,36.1
LAMPS INSIDE	1	η up(%)	26.7	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	23.997	η down(%)	73.3	CIBSE SHR MAX	1.55

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):209.6 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-271912-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	0.4844	0.4647	0.5256	0.5343	0.4908	0.5170	0.5649	0.5388	0- 10	0.0455	0.0455	0.18,0.18
20	0.5728	0.6644	0.9201	0.8592	0.6081	0.7343	0.9561	0.8735	10- 20	0.1816	0.2271	0.88,0.88
30	0.7118	1.077	1.676	1.550	0.7732	1.134	1.629	1.456	20- 30	0.4687	0.6958	2.71,2.71
40	0.8440	1.610	2.656	2.475	0.9208	1.638	2.420	2.129	30- 40	0.9767	1.673	6.51,6.51
50	0.8737	2.062	3.508	3.378	0.9234	2.146	3.145	2.802	40- 50	1.633	3.306	12.9,12.9
60	0.8687	2.458	4.139	4.034	0.8772	2.619	3.753	3.397	50- 60	2.310	5.616	21.9,21.9
70	0.8392	2.943	4.811	4.728	0.8142	3.354	4.531	4.188	60- 70	2.963	8.579	33.4,33.4
80	0.8251	4.055	6.577	7.457	0.7400	5.645	6.370	6.410	70- 80	4.131	12.71	49.5,49.5
90	0.7039	5.224	8.434	9.800	0.6513	7.743	8.103	8.702	80- 90	6.116	18.83	73.3,73.3
100	0.2567	2.953	5.291	5.773	0.2948	4.052	4.125	3.959	90-100	5.457	24.28	94.5,94.5
110	0	0.0312	0.0883	0.0711	0	0.0258	0.0390	0.0390	100-110	1.394	25.68	99.9,99.9
120	0	0	0.0174	0.0174	0	0	0.0043	0	110-120	0.0133	25.69	100,100
130	0	0	0.0043	0	0	0	0	0	120-130	0.0022	25.69	100,100
140	0	0	0	0	0	0	0	0	130-140	0.0000	25.69	100,100
150	0	0	0	0	0	0	0	0	140-150	0	25.69	100,100
160	0	0	0	0	0	0	0	0	150-160	0	25.69	100,100
170	0	0	0	0	0	0	0	0	160-170	0	25.69	100,100
180	0	0	0	0	0	0	0	0	170-180	0	25.69	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

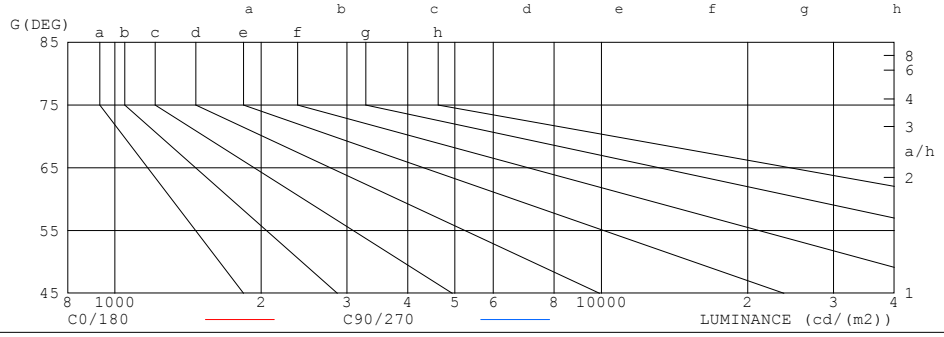
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:8.003m [K=1.0000]
Remarks: HCP-271912-Front Cover 3000K

LUMINANCE LIMITATION CURVES

Test:U:23.997V I:0.2319A P:5.5649W PF:1.0000 Freq:50.00Hz Lamp Flux:25.6918x1 lm		
NAME: HCP-271912-3000K	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	89	889
80	48	379
75	32	213
70	25	141
65	20	105
60	17	83
55	15	67
50	14	55
45	12	44

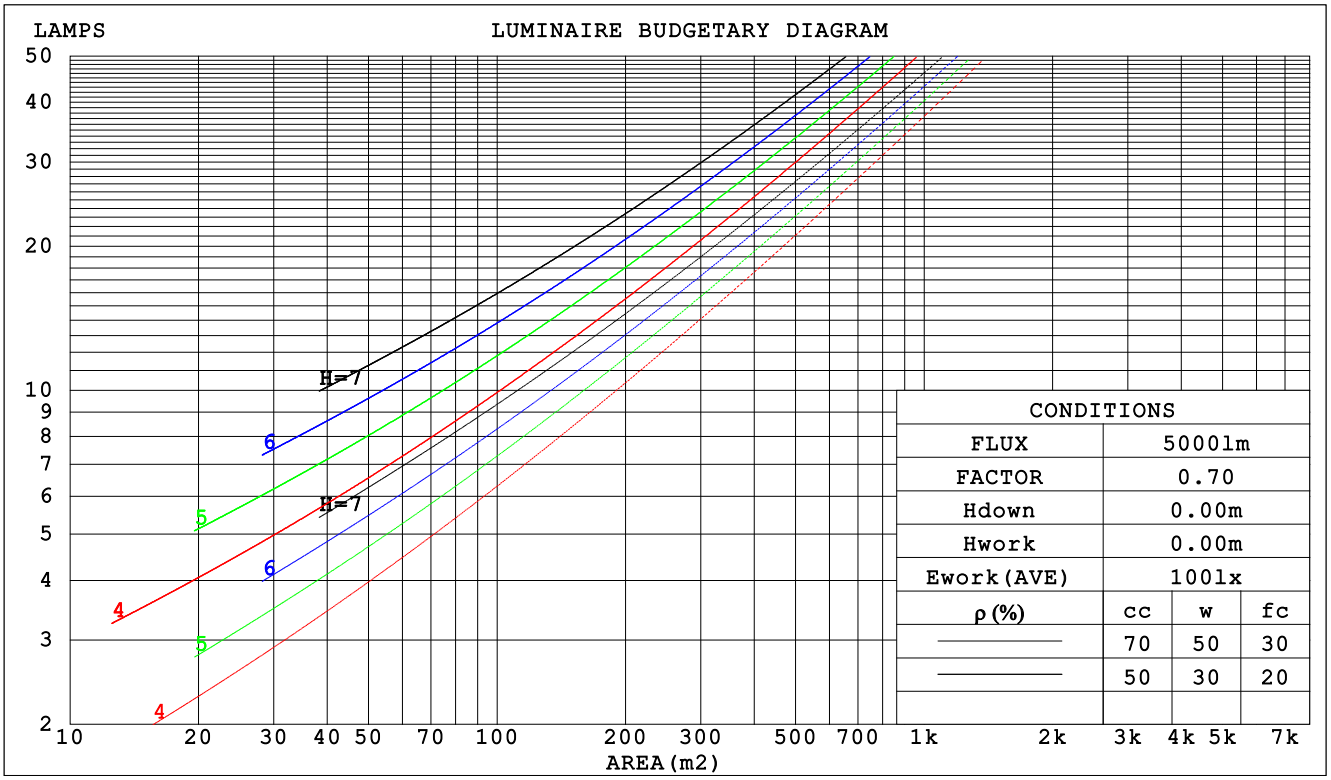
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-11-28

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-271912-Front Cover 3000K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:23.997V I:0.2319A P:5.5649W PF:1.0000 Freq:50.00Hz Lamp Flux:25.6918x1 lm		
NAME: HCP-271912-3000K SPEC.:	TYPE:	WEIGHT:
MFR.: ONIKE	DIM.:	SERIAL No.:
	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	.83	.74	.67	.77	.70	.63	.68	.62	.56	.59	.54	.50	.51	.47	.43	.39
2.0	.67	.56	.47	.63	.53	.45	.54	.46	.40	.47	.40	.35	.40	.34	.30	.25
3.0	.56	.45	.36	.53	.42	.34	.45	.37	.30	.39	.32	.26	.33	.27	.22	.18
4.0	.48	.37	.28	.45	.35	.27	.39	.30	.23	.33	.26	.20	.28	.22	.17	.13
5.0	.42	.31	.23	.39	.29	.22	.34	.25	.19	.29	.22	.16	.24	.18	.13	.10
6.0	.37	.27	.19	.35	.25	.18	.30	.22	.15	.26	.19	.13	.22	.16	.11	.08
7.0	.33	.23	.16	.31	.22	.15	.27	.19	.13	.23	.16	.11	.20	.14	.09	.06
8.0	.30	.20	.14	.28	.19	.13	.25	.17	.11	.21	.14	.09	.18	.12	.08	.05
9.0	.27	.18	.12	.26	.17	.11	.22	.15	.10	.19	.13	.08	.16	.11	.07	.04
10.0	.25	.16	.10	.23	.15	.10	.20	.13	.08	.18	.12	.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-271912-Front Cover 3000K

WEC AND CCEC

Test:U:23.997V I:0.2319A P:5.5649W PF:1.0000 Freq:50.00Hz Lamp Flux:25.6918x1 lm		
NAME: HCP-271912-3000K	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	.595	.338	.107	.579	.330	.105	.549	.315	.101	.522	.301	.097	.496	.288	.093	
2.0	.453	.248	.076	.439	.242	.074	.412	.229	.071	.387	.217	.068	.363	.206	.065	
3.0	.375	.200	.060	.362	.194	.058	.338	.183	.056	.315	.172	.053	.294	.163	.050	
4.0	.323	.168	.049	.311	.163	.048	.288	.153	.046	.268	.144	.043	.248	.135	.041	
5.0	.284	.145	.042	.273	.140	.041	.253	.132	.039	.234	.123	.037	.216	.115	.035	
6.0	.254	.127	.036	.244	.123	.035	.225	.116	.034	.208	.108	.032	.192	.101	.030	
7.0	.230	.114	.032	.221	.110	.031	.204	.103	.030	.188	.096	.028	.173	.090	.026	
8.0	.210	.103	.029	.202	.099	.028	.186	.093	.027	.171	.087	.025	.157	.081	.024	
9.0	.193	.094	.026	.186	.091	.025	.171	.085	.024	.158	.079	.023	.145	.074	.021	
10.0	.179	.086	.024	.172	.083	.023	.159	.078	.022	.146	.073	.021	.134	.067	.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	.405	.359	.317	.347	.308	.273	.237	.212	.189	.137	.123	.110	.044	.039	.035	
2.0	.400	.338	.285	.343	.291	.246	.235	.201	.172	.136	.117	.101	.043	.038	.033	
3.0	.393	.323	.267	.337	.278	.232	.231	.193	.162	.133	.113	.096	.043	.037	.031	
4.0	.384	.311	.256	.329	.269	.222	.226	.187	.157	.131	.110	.093	.042	.036	.030	
5.0	.375	.302	.249	.322	.261	.216	.222	.183	.153	.128	.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	.240	.308	.250	.209	.213	.175	.148	.124	.103	.088	.040	.034	.029	
8.0	.350	.283	.237	.301	.245	.206	.208	.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	.032	.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-271912-Front Cover 3000K

UGR(Unified Glare Rating) Table

Test:U:23.997V I:0.2319A P:5.5649W PF:1.0000 Freq:50.00Hz Lamp Flux:25.6918x1 lm		
NAME: HCP-271912-3000K	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	6.8	8.3	7.4	9.0	9.8	14.9	16.4	15.5	17.1	17.9
	3H	9.1	10.5	9.7	11.2	12.0	19.1	20.6	19.8	21.3	22.1
	4H	10.6	11.9	11.3	12.6	13.5	21.7	23.1	22.4	23.8	24.6
	6H	12.3	13.6	13.0	14.4	15.2	24.8	26.1	25.5	26.8	27.7
	8H	13.3	14.6	14.0	15.3	16.2	26.5	27.8	27.2	28.5	29.4
	12H	14.5	15.7	15.2	16.4	17.3	28.5	29.7	29.2	30.4	31.3
4H	2H	10.9	12.2	11.6	13.0	13.8	15.4	16.7	16.0	17.4	18.3
	3H	12.9	14.2	13.7	14.9	15.8	19.9	21.2	20.7	21.9	22.8
	4H	14.0	15.1	14.7	15.9	16.8	22.8	23.9	23.5	24.7	25.6
	6H	15.1	16.2	15.9	17.0	17.9	26.1	27.1	26.8	27.9	28.9
	8H	15.9	16.9	16.7	17.7	18.7	28.0	28.9	28.7	29.7	30.7
	12H	16.9	17.8	17.7	18.6	19.6	30.0	31.0	30.8	31.8	32.8
8H	4H	17.9	18.9	18.6	19.7	20.6	23.2	24.2	24.0	25.0	25.9
	6H	19.3	20.2	20.1	21.0	22.0	26.9	27.8	27.7	28.6	29.6
	8H	19.8	20.7	20.6	21.5	22.5	29.0	29.8	29.8	30.6	31.6
	12H	20.4	21.2	21.2	22.0	23.0	31.4	32.1	32.2	33.0	34.0
12H	4H	19.4	20.3	20.1	21.1	22.1	23.2	24.1	24.0	25.0	25.9
	6H	21.3	22.1	22.1	23.0	24.0	27.1	27.9	27.9	28.7	29.7
	8H	22.2	22.9	23.0	23.8	24.8	29.3	30.0	30.1	30.9	31.9

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

CIE Pub.117, 25.69 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-271912-Front Cover 3000K

UTILIZATION FACTORS TABLE

Test:U:23.997V I:0.2319A P:5.5649W PF:1.0000 Freq:50.00Hz Lamp Flux:25.6918x1 lm		
NAME: HCP-271912-3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ONIKE	SUR.:	Shielding Angle:

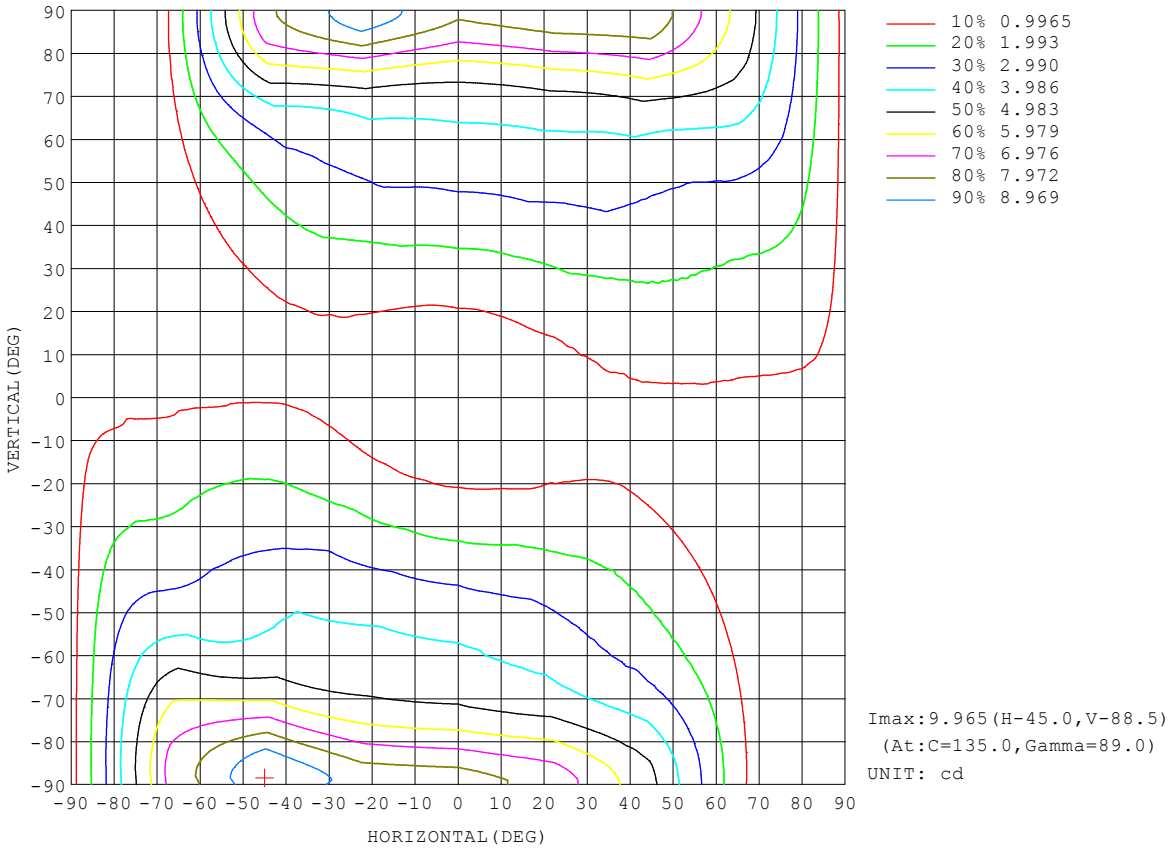
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	35	20	12	33	20	12	32	19	11	4
0.80	42	26	17	41	26	16	38	24	16	7
1.00	49	32	21	47	31	21	43	33	20	10
1.25	55	38	27	53	37	26	48	34	25	14
1.50	60	43	31	57	42	30	52	39	29	17
2.00	68	51	39	64	49	38	58	46	36	22
2.50	73	57	45	69	55	44	62	51	41	26
3.00	77	63	51	73	60	49	66	55	45	30
4.00	83	70	59	79	67	57	71	61	52	35
5.00	87	75	65	83	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-271912-Front Cover 3000K

ISOCANDELA DIAGRAM

Test:U:23.997V I:0.2319A P:5.5649W PF:1.0000 Freq:50.00Hz Lamp Flux:25.6918x1 lm		
NAME: HCP-271912-3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ONIKE	SUR.:	Shielding Angle:

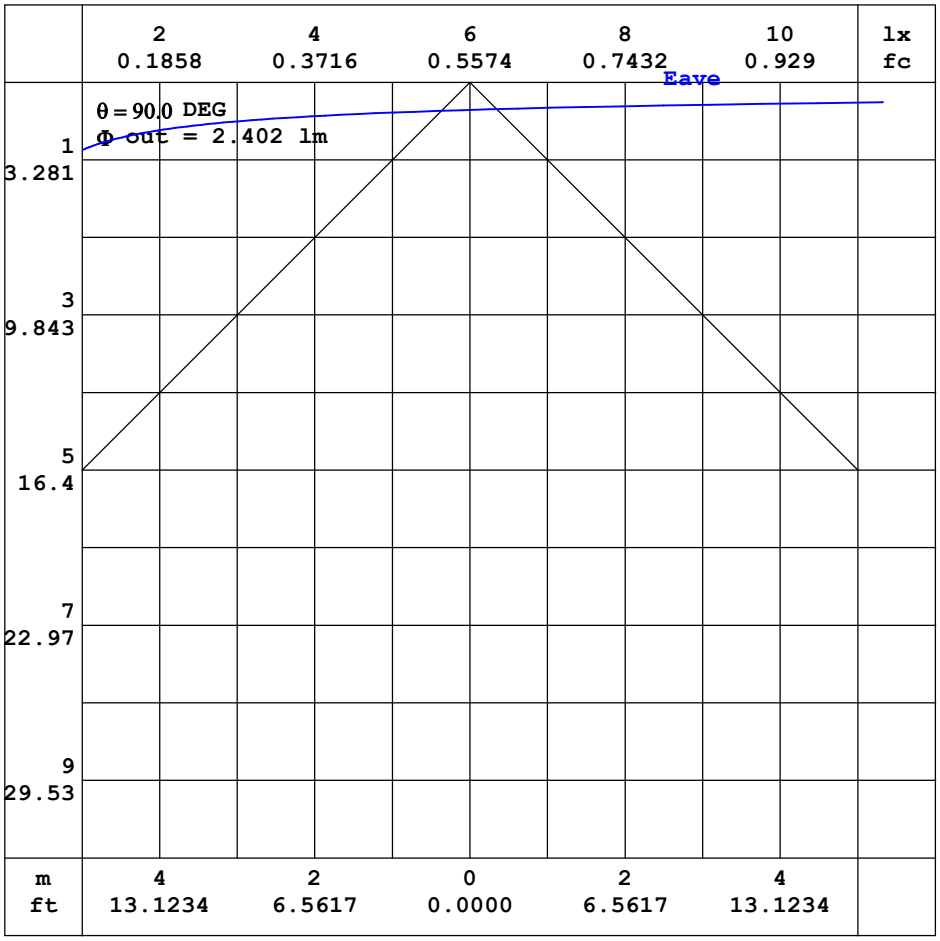


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-11-28

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-271912-Front Cover 3000K

AAI CURVES

Test:U:23.997V I:0.2319A P:5.5649W PF:1.0000 Freq:50.00Hz Lamp Flux:25.6918x1 lm		
NAME: HCP-271912-3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ONIKE	SUR.:	Shielding Angle:



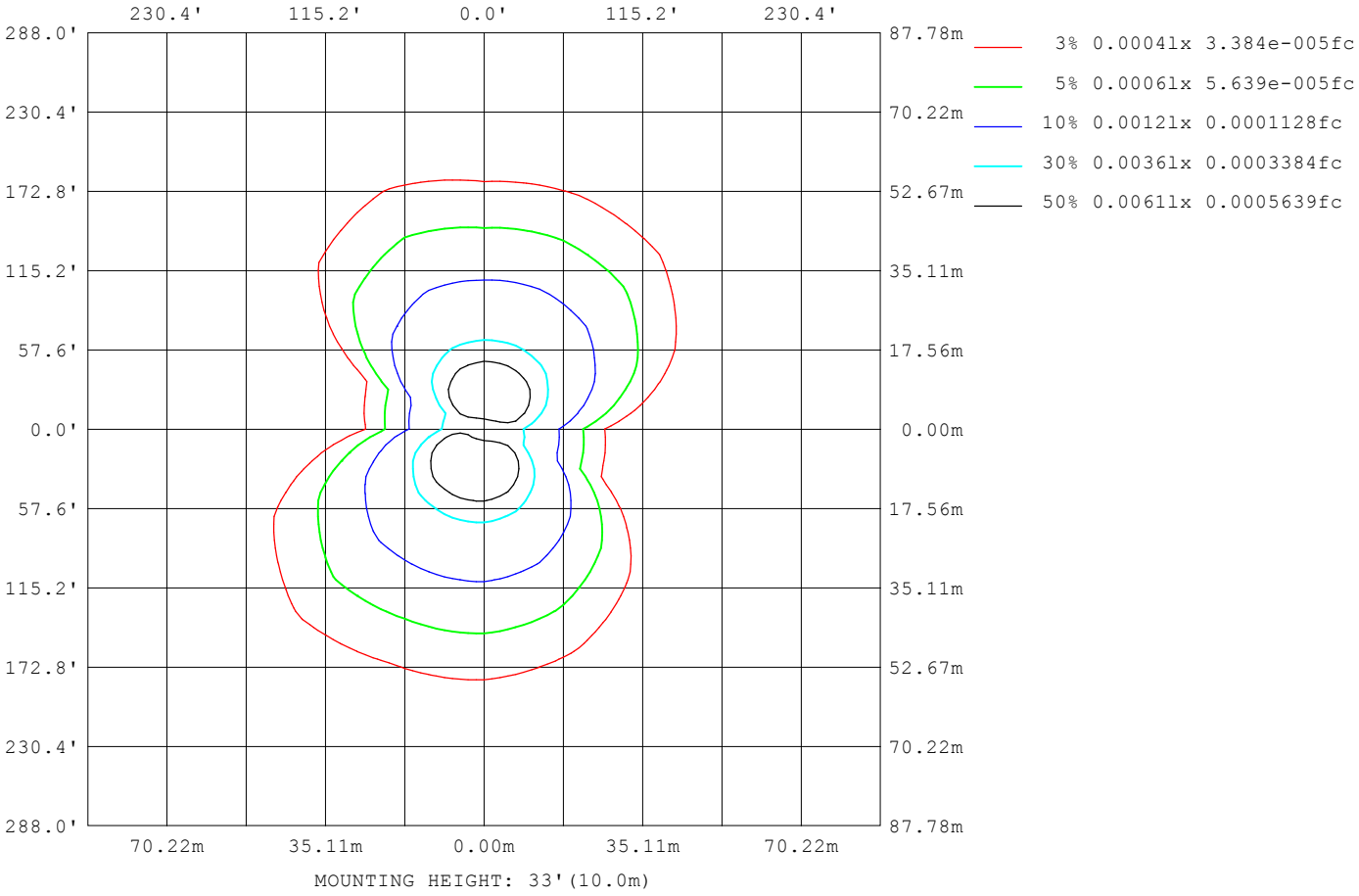
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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-271912-Front Cover 3000K

ISOLUX DIAGRAM

Test:U:23.997V I:0.2319A P:5.5649W PF:1.0000 Freq:50.00Hz Lamp Flux:25.6918x1 lm		
NAME: HCP-271912-3000K	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-271912-Front Cover 3000K

LED Avg.L Report

Test:U:23.997V I:0.2319A P:5.5649W PF:1.0000 Freq:50.00Hz Lamp Flux:25.6918x1 lm		
NAME: HCP-271912-3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ONIKE	SUR.:	Shielding Angle:

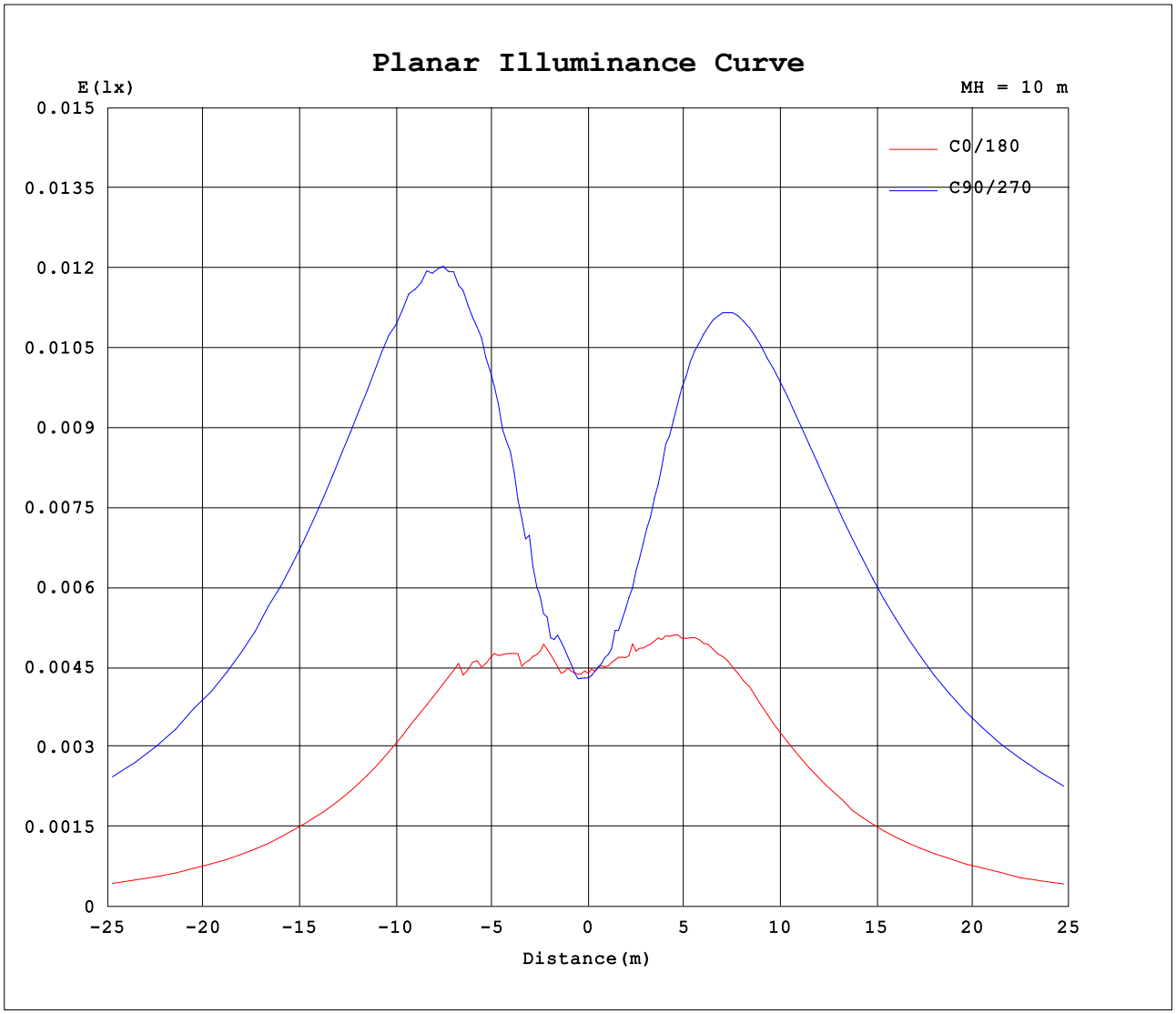
AvgL	cd/m2
L_0~180(65)av	20
L_0~180(75)av	32
L_0~180(85)av	86
L_90~270(65)av	100
L_90~270(75)av	209
L_90~270(85)av	875
L_45(65)av	80
L_45(75)av	178
L_45(85)av	833

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-271912-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-271912-Front Cover 3000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:23.997V I:0.2319A P:5.5649W PF:1.0000 Freq:50.00Hz Lamp Flux:25.6918x1 lm		
NAME: HCP-271912-3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ONIKE	SUR.:	Shielding Angle:

Table--1 UNIT: cd

C(DEG) / γ (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	0.43	0.44	0.43	0.43	0.43	0.43	0.43	0.44	0.43	0.44	0.43	0.43	0.43	0.43	0.43			
5	0.45	0.45	0.45	0.46	0.46	0.46	0.45	0.46	0.46	0.44	0.46	0.45	0.47	0.47	0.47	0.45			
10	0.48	0.49	0.46	0.53	0.53	0.54	0.53	0.50	0.49	0.50	0.52	0.53	0.56	0.53	0.54	0.54			
15	0.53	0.53	0.55	0.66	0.67	0.71	0.64	0.59	0.54	0.54	0.60	0.64	0.73	0.71	0.68	0.58			
20	0.57	0.59	0.66	0.85	0.92	0.95	0.86	0.73	0.61	0.59	0.73	0.86	0.96	0.92	0.87	0.68			
25	0.63	0.66	0.86	1.13	1.27	1.30	1.15	0.92	0.69	0.65	0.91	1.14	1.27	1.25	1.13	0.87			
30	0.71	0.75	1.08	1.48	1.68	1.72	1.55	1.18	0.77	0.74	1.13	1.46	1.63	1.62	1.46	1.08			
35	0.81	0.83	1.35	1.88	2.17	2.22	2.00	1.47	0.86	0.83	1.39	1.83	2.03	2.00	1.78	1.29			
40	0.84	0.91	1.61	2.29	2.66	2.72	2.47	1.76	0.92	0.87	1.64	2.18	2.42	2.40	2.13	1.49			
45	0.87	0.94	1.85	2.69	3.09	3.19	2.96	2.07	0.93	0.92	1.89	2.55	2.79	2.79	2.47	1.70			
50	0.87	0.94	2.06	3.05	3.51	3.61	3.38	2.35	0.92	0.94	2.15	2.94	3.15	3.14	2.80	1.91			
55	0.88	0.94	2.26	3.36	3.85	3.97	3.73	2.60	0.89	0.94	2.38	3.24	3.46	3.45	3.11	2.05			
60	0.87	0.94	2.46	3.64	4.14	4.25	4.03	2.80	0.88	0.94	2.62	3.58	3.75	3.76	3.40	2.26			
65	0.85	0.94	2.65	3.90	4.43	4.51	4.27	2.97	0.86	0.94	2.89	3.87	4.07	4.13	3.72	2.46			
70	0.84	0.94	2.94	4.27	4.81	4.89	4.73	3.26	0.81	0.95	3.35	4.41	4.53	4.60	4.19	2.79			
75	0.83	0.94	3.37	4.92	5.52	5.59	5.73	3.98	0.80	0.95	4.25	5.49	5.28	5.46	5.06	3.34			
80	0.83	0.94	4.05	5.88	6.58	6.69	7.46	5.29	0.74	0.95	5.65	7.14	6.37	6.69	6.41	4.13			
85	0.78	0.94	4.79	6.92	7.75	7.91	9.25	6.67	0.73	0.95	7.08	8.85	7.50	7.97	7.90	4.95			
90	0.70	0.91	5.22	7.53	8.43	8.49	9.80	7.07	0.65	0.94	7.74	9.61	8.10	8.66	8.70	5.34			
95	0.52	0.81	4.51	6.71	7.46	7.45	8.24	5.93	0.53	0.73	6.46	7.87	6.75	7.01	7.15	4.35			
100	0.26	0.44	2.95	4.66	5.29	5.33	5.77	4.11	0.29	0.40	4.05	4.88	4.12	4.01	3.96	2.41			
105	0.05	0.04	0.75	1.46	1.56	1.68	1.59	1.28	0.03	0.08	1.43	1.52	1.23	0.97	1.00	0.60			
110	0.00	0.00	0.03	0.05	0.09	0.06	0.07	0.01	0.00	0.00	0.03	0.06	0.04	0.04	0.04	0.01			
115	0.00	0.00	0.00	0.01	0.03	0.00	0.03	0.00	0.00	0.00	0.00	0.02	0.03	0.03	0.02	0.00			
120	0.00	0.00	0.00	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.01	0.00	0.02	0.00	0.00			
125	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00			
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
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-271912-Front Cover 3000K