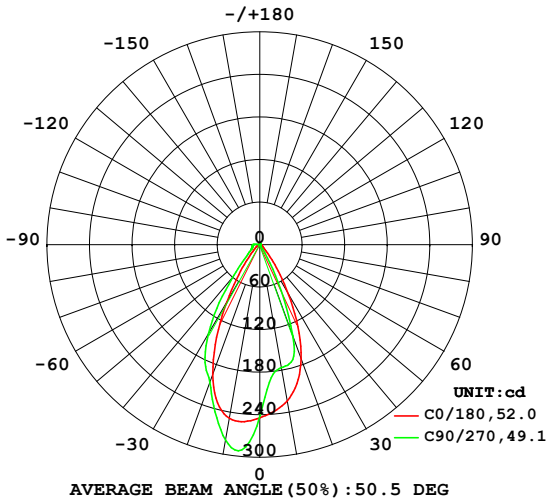
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:23.997V I:0.2331A P:5.5937W PF:1.0000 Freq:50.00Hz Lamp Flux:210.813x1 lm		
NAME: HCP-271915 5500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ONIKE	SUR.:	Shielding Angle:

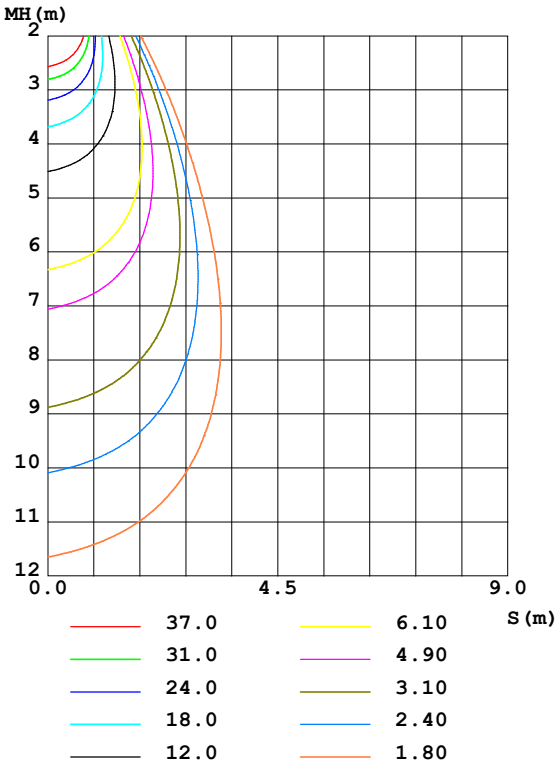
DATA OF LAMP		PHOTOMETRIC DATA Eff: 37.69 lm/W			
MODEL	HCP-271915 5500K	Imax(cd)	292.5	S/MH(C0/180)	0.82
NOMINAL POWER(W)	6	LOR(%)	100.0	S/MH(C90/270)	0.96
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	210.81	η UP,DN(C0-180)	0.7,29.4
NOMINAL FLUX(lm)	210.813	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.8,68.1
LAMPS INSIDE	1	η up(%)	2.5	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	23.997	η down(%)	97.5	CIBSE SHR MAX	0.80

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):50.5 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-271915 Front Cover 5500K

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	223.9	176.3	176.3	183.8	248.6	285.9	279.8	283.7	0- 10	22.73	22.73	10.8,10.8
20	170.9	141.3	136.7	141.4	194.4	212.9	206.9	222.3	10- 20	58.69	81.43	38.6,38.6
30	81.98	37.07	21.91	40.59	92.88	125.4	144.4	131.6	20- 30	59.57	141.0	66.9,66.9
40	23.85	1.693	0.5345	3.164	27.85	49.90	57.03	52.12	30- 40	31.37	172.4	81.8,81.8
50	7.116	0.3740	0.2957	0.5046	9.779	20.99	23.43	21.24	40- 50	12.91	185.3	87.9,87.9
60	2.543	0.1392	0.0130	0.1653	4.170	12.51	14.23	12.11	50- 60	6.877	192.2	91.2,91.2
70	0.8873	0.0217	0.0130	0.0478	2.261	10.09	12.11	9.605	60- 70	5.043	197.2	93.5,93.5
80	0.1652	0.0260	0.0390	0.0261	1.289	8.759	11.00	8.168	70- 80	4.396	201.6	95.6,95.6
90	0.0219	0.0391	0.0391	0.0390	0.9201	8.049	10.18	6.994	80- 90	3.950	205.5	97.5,97.5
100	0.0130	0.0391	0.0608	0.0391	0.1035	2.002	4.042	2.356	90-100	2.714	208.3	98.8,98.8
110	0.0477	0.0999	0.1474	0.0998	0.0436	0	0	0	100-110	0.2717	208.5	98.9,98.9
120	0.1214	0.2562	0.3081	0.2605	0.1348	0.0305	0.0087	0.0262	110-120	0.0992	208.6	99,99
130	0.3341	0.5299	0.5815	0.5298	0.3347	0.1610	0.1218	0.1610	120-130	0.2098	208.8	99.1,99.1
140	0.6558	0.8727	0.9508	0.8683	0.6345	0.4130	0.3520	0.4217	130-140	0.3789	209.2	99.2,99.2
150	1.003	1.207	1.320	1.207	0.9689	0.7779	0.6780	0.7866	140-150	0.5138	209.7	99.5,99.5
160	1.277	1.450	1.503	1.459	1.264	1.125	1.095	1.147	150-160	0.5304	210.3	99.7,99.7
170	1.503	1.637	1.637	1.637	1.525	1.425	1.399	1.442	160-170	0.3979	210.7	99.9,99.9
180	1.659	1.637	1.637	1.676	1.685	1.637	1.646	1.646	170-180	0.1506	210.8	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

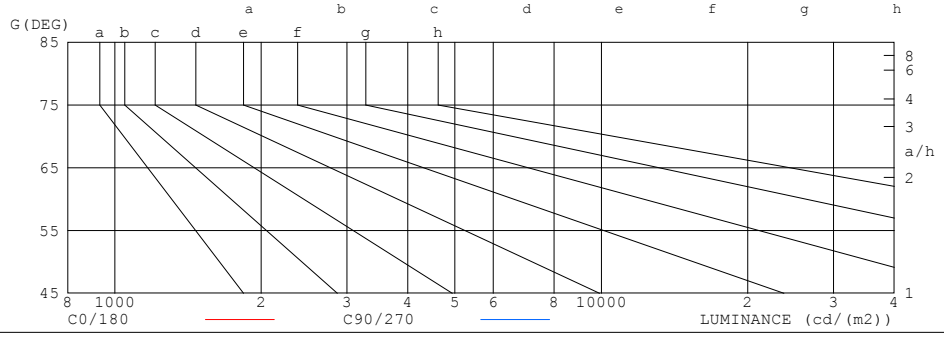
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:8.003m [K=1.0000]
Remarks: HCP-271915 Front Cover 5500K

LUMINANCE LIMITATION CURVES

Test:U:23.997V I:0.2331A P:5.5937W PF:1.0000 Freq:50.00Hz Lamp Flux:210.813x1 lm		
NAME: HCP-271915 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	10	4
80	10	2
75	14	1
70	26	0
65	37	0
60	51	0
55	73	1
50	111	5
45	178	6

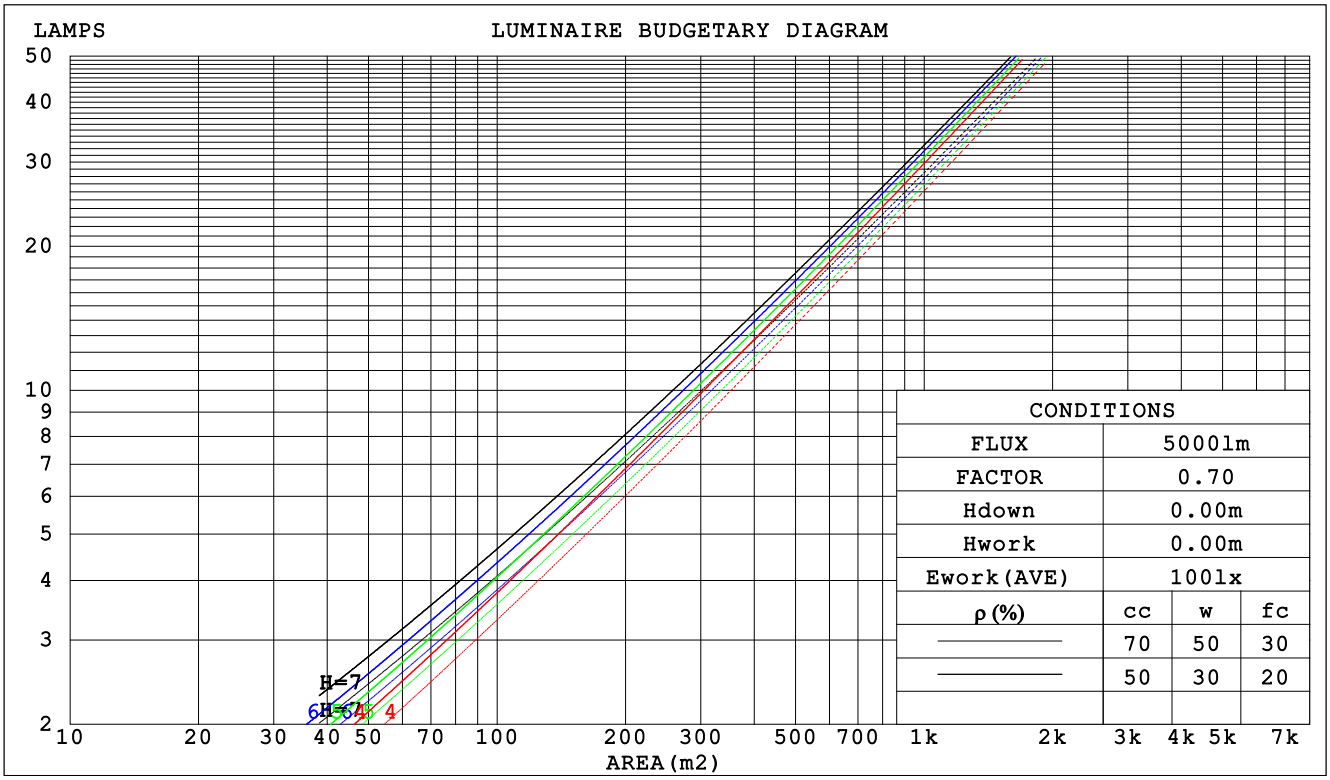
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-11-29

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-271915 Front Cover 5500K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:23.997V I:0.2331A P:5.5937W PF:1.0000 Freq:50.00Hz Lamp Flux:210.813x1 lm		
NAME: HCP-271915 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	1.18	1.18	1.18	1.15	1.15	1.15	1.10	1.10	1.10	1.05	1.05	1.05	.00	.00	.00	.98
1.0	1.08	1.05	1.02	1.06	1.03	1.01	1.01	.99	.97	.97	.95	.94	.93	.92	.90	.88
2.0	.00	.95	.91	.98	.93	.90	.94	.90	.87	.91	.88	.85	.87	.85	.83	.81
3.0	.92	.87	.82	.91	.86	.81	.88	.83	.80	.85	.81	.78	.82	.79	.77	.75
4.0	.86	.80	.75	.85	.79	.75	.82	.77	.73	.80	.76	.72	.77	.74	.71	.69
5.0	.80	.74	.69	.79	.73	.69	.77	.72	.68	.75	.71	.67	.73	.69	.66	.65
6.0	.75	.69	.64	.74	.68	.64	.72	.67	.63	.71	.66	.63	.69	.65	.62	.60
7.0	.71	.64	.60	.70	.64	.60	.68	.63	.59	.67	.62	.59	.66	.61	.58	.57
8.0	.67	.60	.56	.66	.60	.56	.65	.59	.55	.63	.59	.55	.62	.58	.55	.53
9.0	.63	.57	.53	.62	.57	.53	.61	.56	.52	.60	.55	.52	.59	.55	.52	.50
10.0	.60	.54	.50	.59	.53	.50	.58	.53	.49	.57	.52	.49	.56	.52	.49	.47



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-271915 Front Cover 5500K

WEC AND CCEC

Test:U:23.997V I:0.2331A P:5.5937W PF:1.0000 Freq:50.00Hz Lamp Flux:210.813x1 lm		
NAME: HCP-271915 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	.216	.123	.039	.209	.119	.038	.195	.112	.036	.182	.105	.034	.170	.098	.032	
2.0	.198	.109	.033	.192	.105	.033	.179	.100	.031	.168	.094	.030	.158	.089	.028	
3.0	.183	.098	.029	.178	.095	.029	.167	.091	.028	.158	.086	.026	.149	.082	.025	
4.0	.171	.089	.026	.166	.087	.026	.157	.083	.025	.149	.080	.024	.141	.076	.023	
5.0	.161	.082	.024	.156	.080	.023	.148	.077	.023	.141	.074	.022	.134	.071	.021	
6.0	.151	.076	.022	.148	.075	.021	.140	.072	.021	.134	.069	.020	.127	.067	.020	
7.0	.143	.071	.020	.140	.070	.020	.133	.067	.019	.127	.065	.019	.122	.063	.019	
8.0	.136	.066	.019	.133	.065	.018	.127	.064	.018	.122	.062	.018	.117	.060	.017	
9.0	.129	.063	.017	.127	.062	.017	.121	.060	.017	.116	.058	.017	.112	.057	.016	
10.0	.123	.059	.016	.121	.058	.016	.116	.057	.016	.112	.055	.016	.107	.054	.016	

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	.210	.210	.210	.179	.179	.179	.122	.122	.122	.070	.070	.070	.022	.022	.022	
1.0	.193	.176	.161	.165	.151	.139	.113	.104	.096	.065	.060	.056	.021	.019	.018	
2.0	.179	.152	.129	.153	.131	.111	.105	.090	.078	.061	.053	.045	.019	.017	.015	
3.0	.167	.133	.106	.143	.115	.092	.098	.080	.064	.057	.047	.038	.018	.015	.012	
4.0	.157	.119	.089	.135	.103	.078	.093	.072	.055	.054	.042	.032	.017	.014	.011	
5.0	.148	.107	.077	.127	.093	.067	.088	.065	.047	.051	.038	.028	.016	.012	.009	
6.0	.141	.098	.068	.121	.085	.059	.083	.060	.042	.048	.035	.025	.016	.011	.008	
7.0	.134	.091	.060	.115	.079	.053	.080	.055	.037	.046	.033	.022	.015	.011	.007	
8.0	.128	.085	.055	.110	.073	.048	.076	.052	.034	.044	.030	.020	.014	.010	.007	
9.0	.123	.079	.050	.106	.069	.044	.073	.048	.031	.043	.029	.019	.014	.009	.006	
10.0	.118	.075	.047	.102	.065	.041	.071	.046	.029	.041	.027	.017	.013	.009	.006	

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-271915 Front Cover 5500K

UGR(Unified Glare Rating) Table

Test:U:23.997V I:0.2331A P:5.5937W PF:1.0000 Freq:50.00Hz Lamp Flux:210.813x1 lm		
NAME: HCP-271915 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	3.4	4.4	3.6	4.6	4.8	-11.2	-10.1	-10.9	-9.9	-9.7
	3H	3.3	4.2	3.6	4.5	4.7	-11.3	-10.4	-11.0	-10.2	-9.9
	4H	3.2	4.1	3.5	4.4	4.7	-11.4	-10.5	-11.1	-10.3	-10.0
	6H	3.1	4.0	3.5	4.3	4.6	-11.5	-10.6	-11.1	-10.3	-10.0
	8H	3.1	3.9	3.4	4.2	4.5	-11.5	-10.7	-11.1	-10.4	-10.0
	12H	3.0	3.8	3.4	4.1	4.5	-11.4	-10.6	-11.1	-10.3	-10.0
4H	2H	3.1	4.0	3.4	4.2	4.5	-11.3	-10.4	-10.9	-10.1	-9.8
	3H	3.0	3.8	3.4	4.1	4.4	-11.5	-10.7	-11.1	-10.4	-10.0
	4H	2.9	3.6	3.3	4.0	4.3	-11.5	-10.8	-11.1	-10.5	-10.1
	6H	2.8	3.5	3.3	3.8	4.2	-11.5	-10.9	-11.1	-10.5	-10.1
	8H	2.8	3.4	3.2	3.8	4.2	-11.5	-10.9	-11.0	-10.5	-10.1
	12H	2.7	3.3	3.2	3.7	4.1	-11.3	-10.8	-10.9	-10.4	-9.9
8H	4H	2.8	3.3	3.2	3.7	4.2	-11.7	-11.1	-11.2	-10.7	-10.3
	6H	2.7	3.2	3.1	3.6	4.1	-11.6	-11.1	-11.1	-10.7	-10.2
	8H	2.6	3.1	3.1	3.5	4.0	-11.5	-11.0	-11.0	-10.6	-10.1
	12H	2.6	3.0	3.1	3.4	4.0	-11.1	-10.7	-10.6	-10.3	-9.7
12H	4H	2.7	3.2	3.2	3.7	4.1	-11.7	-11.2	-11.3	-10.8	-10.3
	6H	2.6	3.0	3.1	3.5	4.0	-11.6	-11.2	-11.2	-10.7	-10.3
	8H	2.6	2.9	3.1	3.4	4.0	-11.5	-11.1	-11.0	-10.6	-10.1

Variations with the observer position at spacings:		
S = 1.0H	+ 5.3 / - 8.3	+ 1.7 / - 2.2
1.5H	+ 7.2 / -12.2	+ 1.7 / - 2.2
2.0H	+ 7.8 / -11.7	+ 2.0 / - 1.7

CIE Pub.117, 210.8 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -5.4)
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-271915 Front Cover 5500K

UTILIZATION FACTORS TABLE

Test:U:23.997V I:0.2331A P:5.5937W PF:1.0000 Freq:50.00Hz Lamp Flux:210.813x1 lm		
NAME: HCP-271915 5500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ONIKE	SUR.:	Shielding Angle:

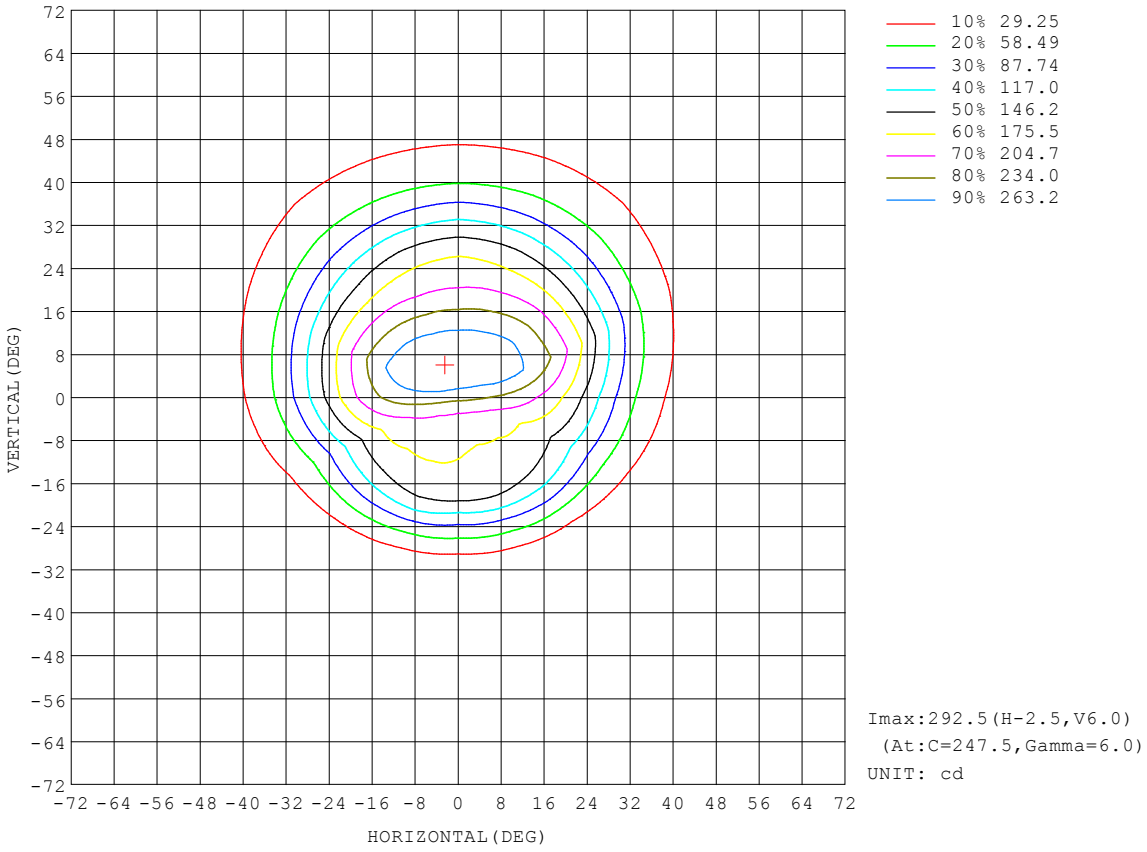
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	80	73	68	80	73	68	79	72	68	64
0.80	88	81	76	87	81	76	86	80	76	71
1.00	93	86	82	92	86	81	90	86	81	76
1.25	98	91	87	96	90	86	94	89	85	80
1.50	101	95	90	99	94	90	97	92	89	83
2.00	104	99	95	103	98	94	99	95	92	86
2.50	106	101	97	104	100	96	101	97	94	87
3.00	108	104	100	106	102	99	102	99	97	89
4.00	111	107	104	108	105	102	104	102	99	91
5.00	112	109	106	110	107	105	105	103	101	93
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-271915 Front Cover 5500K

ISOCANDELA DIAGRAM

Test:U:23.997V I:0.2331A P:5.5937W PF:1.0000 Freq:50.00Hz Lamp Flux:210.813x1 lm		
NAME: HCP-271915 5500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ONIKE	SUR.:	Shielding Angle:

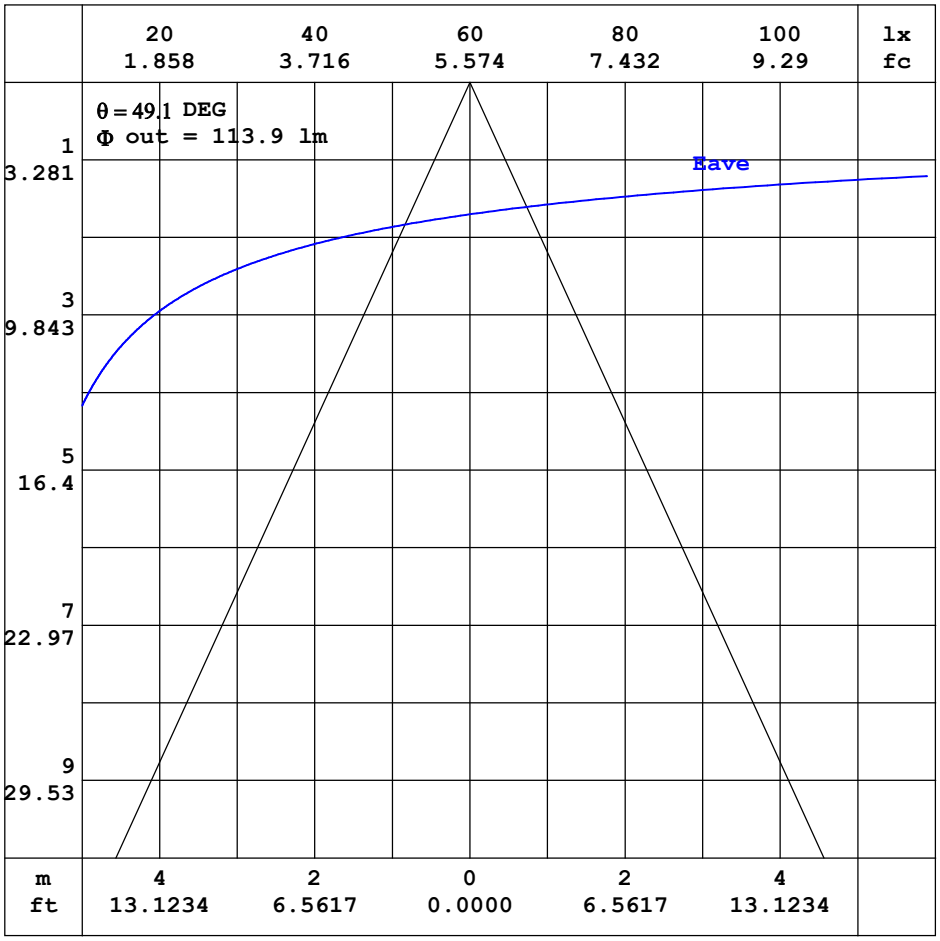


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-11-29

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-271915 Front Cover 5500K

AAI CURVES

Test:U:23.997V I:0.2331A P:5.5937W PF:1.0000 Freq:50.00Hz Lamp Flux:210.813x1 lm		
NAME: HCP-271915 5500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ONIKE	SUR.:	Shielding Angle:



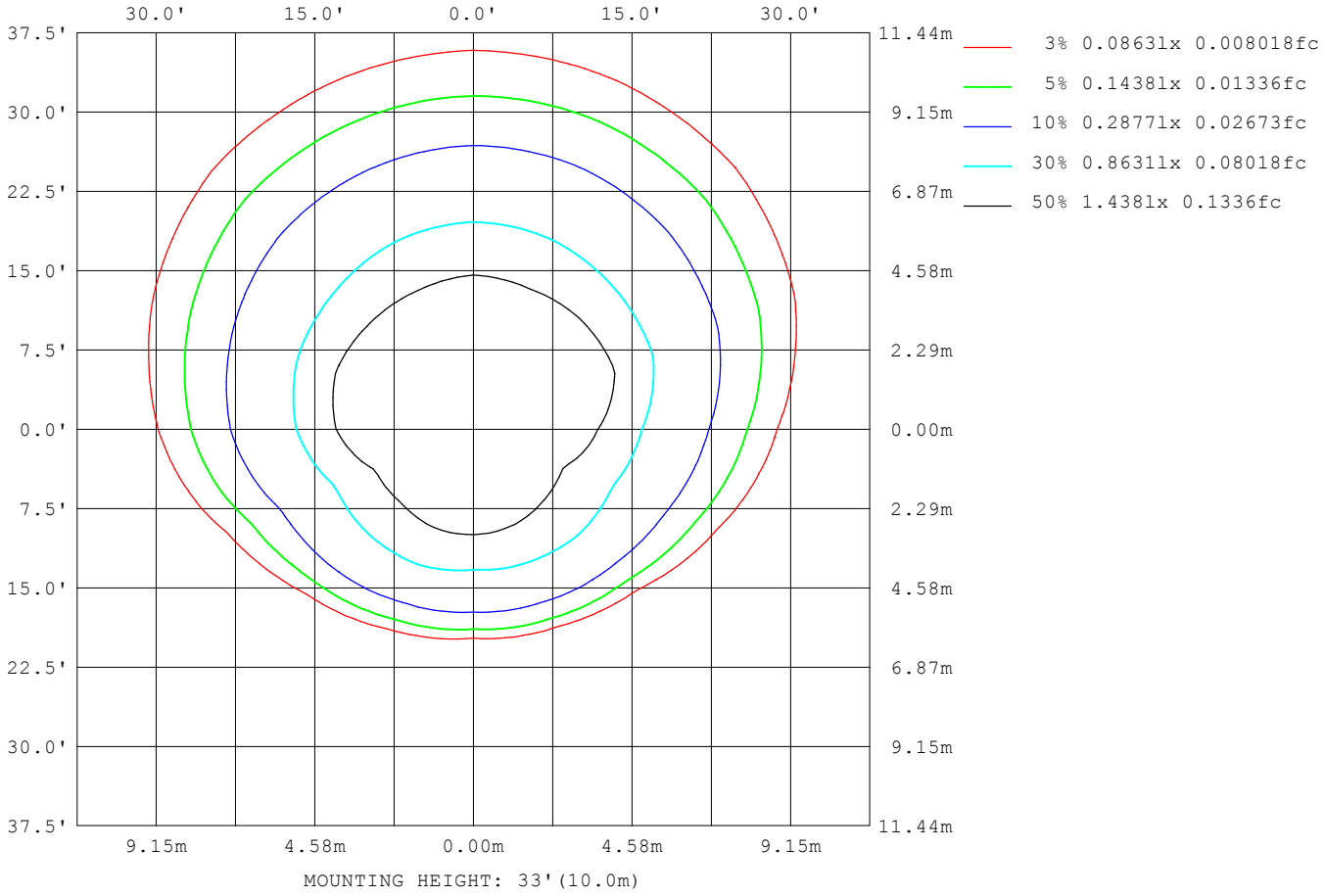
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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-271915 Front Cover 5500K

ISOLUX DIAGRAM

Test:U:23.997V I:0.2331A P:5.5937W PF:1.0000 Freq:50.00Hz Lamp Flux:210.813x1 lm		
NAME: HCP-271915 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-271915 Front Cover 5500K

LED Avg.L Report

Test:U:23.997V I:0.2331A P:5.5937W PF:1.0000 Freq:50.00Hz Lamp Flux:210.813x1 lm		
NAME: HCP-271915 5500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ONIKE	SUR.:	Shielding Angle:

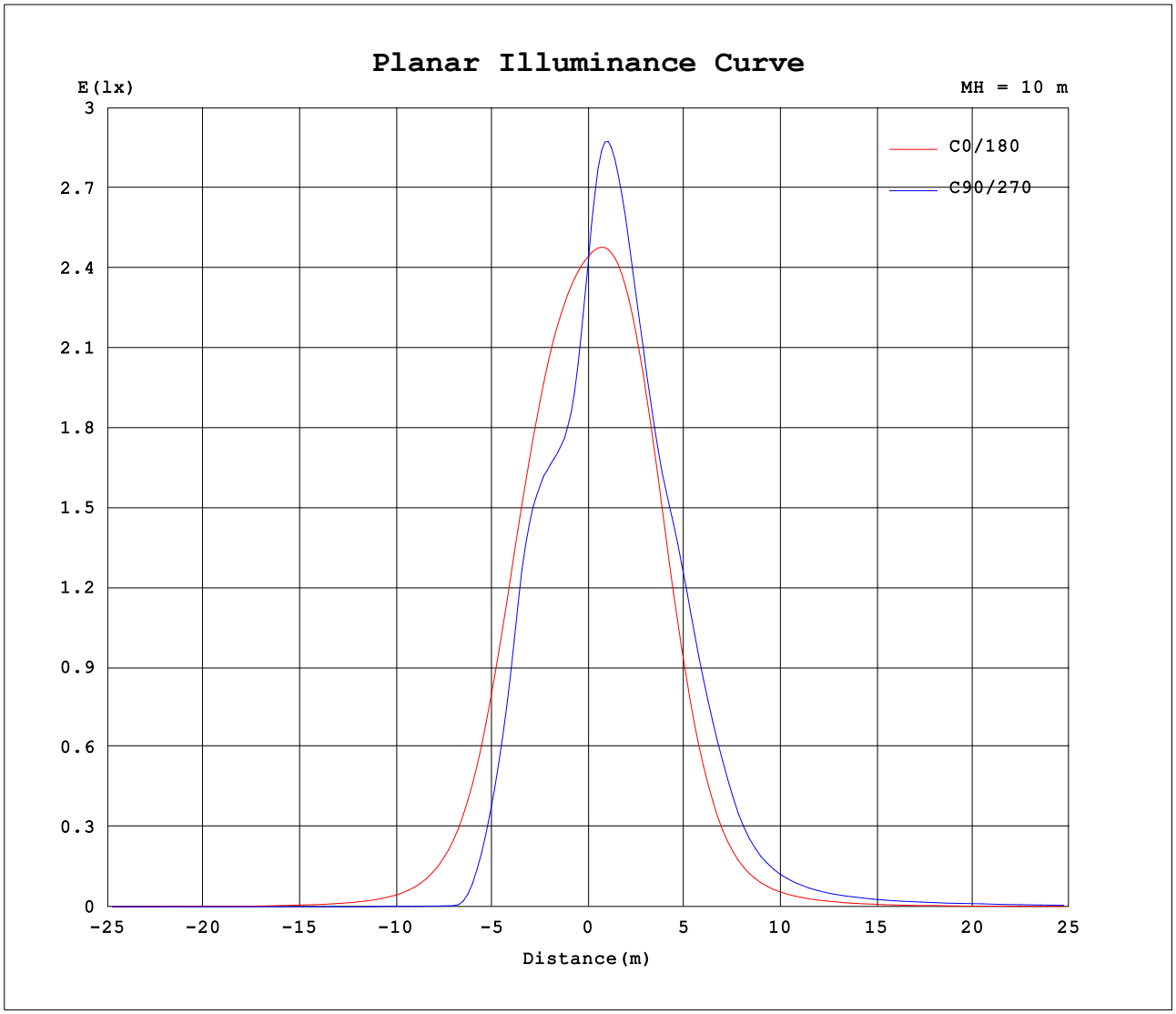
AvgL	cd/m2
L_0~180(65)av	54
L_0~180(75)av	38
L_0~180(85)av	62
L_90~270(65)av	152
L_90~270(75)av	220
L_90~270(85)av	600
L_45(65)av	129
L_45(75)av	173
L_45(85)av	451

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-271915 Front Cover 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-271915 Front Cover 5500K

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:23.997V I:0.2331A P:5.5937W PF:1.0000 Freq:50.00Hz Lamp Flux:210.813x1 lm		
NAME: HCP-271915 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	244	244	243	244	242	243	242	242	244	244	243	244	242	243	242	242			
5	236	212	195	189	188	193	203	223	250	274	286	291	291	288	278	260			
10	224	186	176	175	176	178	184	203	249	282	286	281	280	281	284	268			
15	203	165	166	169	171	172	170	178	231	261	255	246	244	250	259	257			
20	171	138	141	142	137	145	141	142	194	219	213	206	207	212	222	224			
25	128	98.5	92.2	77.6	71.7	80.9	91.4	96.1	144	168	169	177	183	178	178	176			
30	82.0	55.3	37.1	26.4	21.9	27.6	40.6	53.2	92.9	114	125	138	144	141	132	122			
35	45.9	24.9	9.04	1.77	0.83	3.30	11.9	25.8	52.6	69.8	83.7	92.6	100.0	95.5	87.4	75.1			
40	23.8	10.4	1.69	0.53	0.53	0.59	3.16	12.5	27.8	39.8	49.9	54.2	57.0	56.6	52.1	42.1			
45	12.6	4.37	0.62	0.39	0.43	0.37	1.06	6.33	15.8	24.4	30.9	33.0	34.6	34.1	31.9	24.7			
50	7.12	1.95	0.37	0.29	0.30	0.25	0.50	3.38	9.78	16.6	21.0	22.4	23.4	22.9	21.2	16.1			
55	4.17	0.99	0.25	0.10	0.04	0.14	0.28	1.80	6.29	12.2	15.5	16.8	17.4	16.9	15.4	11.4			
60	2.54	0.52	0.14	0.01	0.01	0.01	0.17	0.92	4.17	9.74	12.5	13.8	14.2	13.8	12.1	8.61			
65	1.57	0.25	0.05	0.02	0.01	0.02	0.10	0.44	3.01	8.57	11.1	12.5	12.9	12.4	10.5	7.20			
70	0.89	0.10	0.02	0.03	0.01	0.03	0.05	0.17	2.26	7.63	10.1	11.8	12.1	11.7	9.60	6.45			
75	0.37	0.03	0.02	0.04	0.02	0.03	0.03	0.07	1.62	6.72	9.19	11.1	11.4	11.0	8.70	5.61			
80	0.17	0.03	0.03	0.05	0.04	0.05	0.03	0.04	1.29	6.16	8.76	10.8	11.0	10.6	8.17	5.10			
85	0.09	0.03	0.03	0.07	0.04	0.07	0.03	0.03	0.99	5.50	8.17	10.2	10.4	9.96	7.49	4.46			
90	0.02	0.03	0.04	0.07	0.04	0.07	0.04	0.03	0.92	5.33	8.05	9.87	10.2	9.63	6.99	4.06			
95	0.01	0.05	0.04	0.08	0.04	0.08	0.04	0.03	0.51	3.44	5.76	7.36	7.86	7.39	5.33	2.93			
100	0.01	0.06	0.04	0.10	0.06	0.10	0.04	0.05	0.10	0.90	2.00	3.27	4.04	3.73	2.36	1.15			
105	0.03	0.08	0.08	0.13	0.10	0.13	0.07	0.07	0.03	0.01	0.00	0.00	0.00	0.01	0.00	0.03			
110	0.05	0.11	0.10	0.17	0.15	0.17	0.10	0.10	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.01			
115	0.05	0.16	0.17	0.24	0.25	0.25	0.17	0.15	0.08	0.00	0.01	0.00	0.00	0.00	0.00	0.01			
120	0.12	0.26	0.26	0.33	0.31	0.33	0.26	0.24	0.13	0.03	0.03	0.00	0.01	0.00	0.03	0.04			
125	0.26	0.35	0.38	0.45	0.44	0.45	0.37	0.34	0.22	0.10	0.08	0.03	0.04	0.03	0.08	0.10			
130	0.33	0.49	0.53	0.60	0.58	0.60	0.53	0.47	0.33	0.25	0.16	0.10	0.12	0.10	0.16	0.26			
135	0.53	0.64	0.70	0.78	0.80	0.79	0.70	0.63	0.47	0.32	0.27	0.26	0.22	0.25	0.27	0.32			
140	0.66	0.82	0.87	0.98	0.95	0.98	0.87	0.81	0.63	0.52	0.41	0.31	0.35	0.32	0.42	0.53			
145	0.85	0.99	1.09	1.18	1.15	1.16	1.08	0.98	0.80	0.65	0.59	0.53	0.49	0.53	0.59	0.66			
150	1.00	1.15	1.21	1.32	1.32	1.32	1.21	1.16	0.97	0.86	0.78	0.66	0.68	0.66	0.79	0.85			
155	1.15	1.29	1.35	1.44	1.42	1.44	1.35	1.30	1.13	1.00	0.96	0.88	0.89	0.88	0.97	1.04			
160	1.28	1.42	1.45	1.55	1.50	1.55	1.46	1.44	1.26	1.14	1.13	1.09	1.09	1.09	1.15	1.18			
165	1.42	1.52	1.55	1.63	1.64	1.62	1.55	1.56	1.39	1.28	1.28	1.20	1.23	1.21	1.30	1.35			
170	1.50	1.60	1.64	1.64	1.64	1.67	1.64	1.63	1.52	1.43	1.42	1.36	1.40	1.36	1.44	1.44			
175	1.65	1.66	1.64	1.64	1.64	1.68	1.66	1.67	1.62	1.56	1.56	1.50	1.56	1.51	1.57	1.56			
180	1.66	1.66	1.64	1.64	1.64	1.64	1.68	1.67	1.69	1.64	1.64	1.65	1.65	1.65	1.65	1.64			

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-271915 Front Cover 5500K