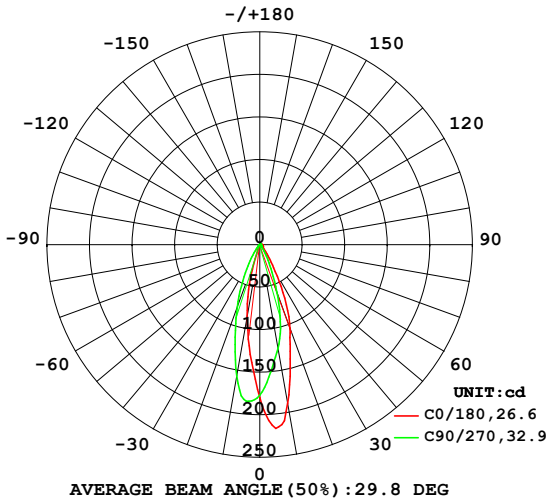
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:23.997V I:0.1124A P:2.6973W PF:1.0000 Freq:50.00Hz Lamp Flux:75.7154x1 lm		
NAME: HCP-271102 5500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ONIKE	SUR.:	Shielding Angle:

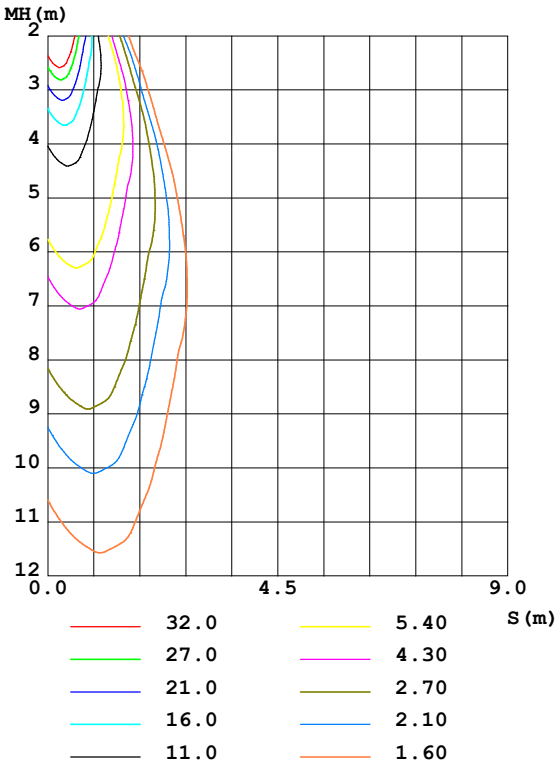
DATA OF LAMP		PHOTOMETRIC DATA Eff: 28.07 lm/W			
MODEL	HCP-271102 5500K	Imax(cd)	216.8	S/MH(C0/180)	0.33
NOMINAL POWER(W)	2.5W	LOR(%)	100.0	S/MH(C90/270)	0.60
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	75.715	η UP,DN(C0-180)	1.0,45.6
NOMINAL FLUX(lm)	75.7154	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.9,52.5
LAMPS INSIDE	1	η up(%)	1.9	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	23.997	η down(%)	98.1	CIBSE SHR MAX	0.50

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):29.8 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:2023-12-15

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:8.003m [K=1.0000]
Remarks: HCP-271102 5500K

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	189.0	164.0	123.9	79.23	87.08	110.2	156.5	190.2	0- 10	15.12	15.12	20,20
20	104.3	75.52	59.31	20.12	12.03	35.10	77.83	134.0	10- 20	26.94	42.06	55.5,55.5
30	36.74	25.52	16.37	1.755	0.8937	2.540	25.93	55.67	20- 30	17.96	60.02	79.3,79.3
40	10.56	7.914	3.829	0.7000	0.3642	0.7289	6.142	14.96	30- 40	7.187	67.21	88.8,88.8
50	4.790	3.777	1.569	0.2958	0.2256	0.2992	1.723	5.125	40- 50	2.664	69.87	92.3,92.3
60	3.063	2.516	0.7607	0.1087	0.0043	0.0998	0.8636	3.273	50- 60	1.556	71.43	94.3,94.3
70	2.381	1.929	0.3044	0.0131	0.0043	0.0043	0.3818	2.475	60- 70	1.138	72.57	95.8,95.8
80	1.976	1.603	0.1000	0.0087	0.0087	0.0087	0.1085	2.045	70- 80	0.9171	73.48	97.1,97.1
90	1.955	1.473	0.0043	0.0087	0.0130	0.0087	0.0172	1.929	80- 90	0.8183	74.30	98.1,98.1
100	0.3901	0.0275	0.0043	0.0087	0.0217	0.0130	0.0043	0.6050	90-100	0.5647	74.87	98.9,98.9
110	0	0	0.0043	0.0087	0.0390	0.0261	0.0087	0	100-110	0.0245	74.89	98.9,98.9
120	0	0	0.0304	0.0434	0.0696	0.0521	0.0261	0.0043	110-120	0.0185	74.91	98.9,98.9
130	0	0.0172	0.0955	0.1780	0.1739	0.1303	0.0783	0.0261	120-130	0.0483	74.96	99,99
140	0.0520	0.1170	0.2690	0.3734	0.3651	0.2826	0.1827	0.1087	130-140	0.1132	75.07	99.1,99.1
150	0.2302	0.3170	0.4473	0.5427	0.5778	0.4866	0.3563	0.2781	140-150	0.1952	75.27	99.4,99.4
160	0.4602	0.5125	0.5818	0.6515	0.6558	0.6255	0.5257	0.4693	150-160	0.2240	75.49	99.7,99.7
170	0.5905	0.5872	0.5936	0.6604	0.6587	0.6372	0.6168	0.5951	160-170	0.1666	75.66	99.9,99.9
180	0.6645	0.6080	0.6254	0.6602	0.6645	0.6515	0.6428	0.6515	170-180	0.0596	75.72	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:2023-12-15

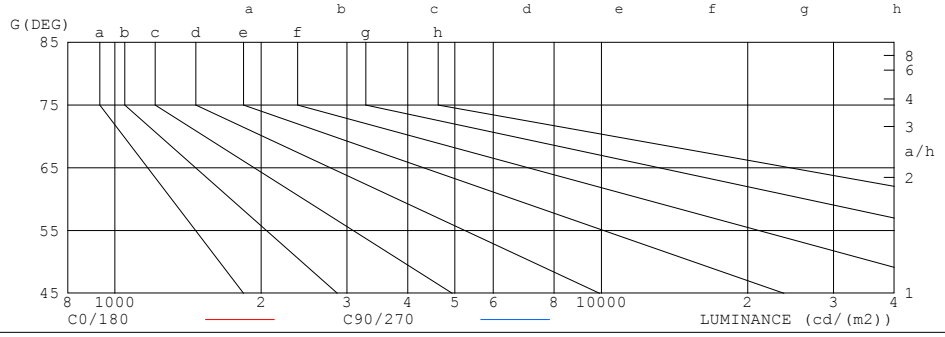
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:8.003m [K=1.0000]
Remarks: HCP-271102 5500K

LUMINANCE LIMITATION CURVES

Test:U:23.997V I:0.1124A P:2.6973W PF:1.0000 Freq:50.00Hz Lamp Flux:75.7154x1 lm		
NAME: HCP-271102 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	224	7
80	114	6
75	83	6
70	70	9
65	64	12
60	61	15
55	65	19
50	75	24
45	96	33

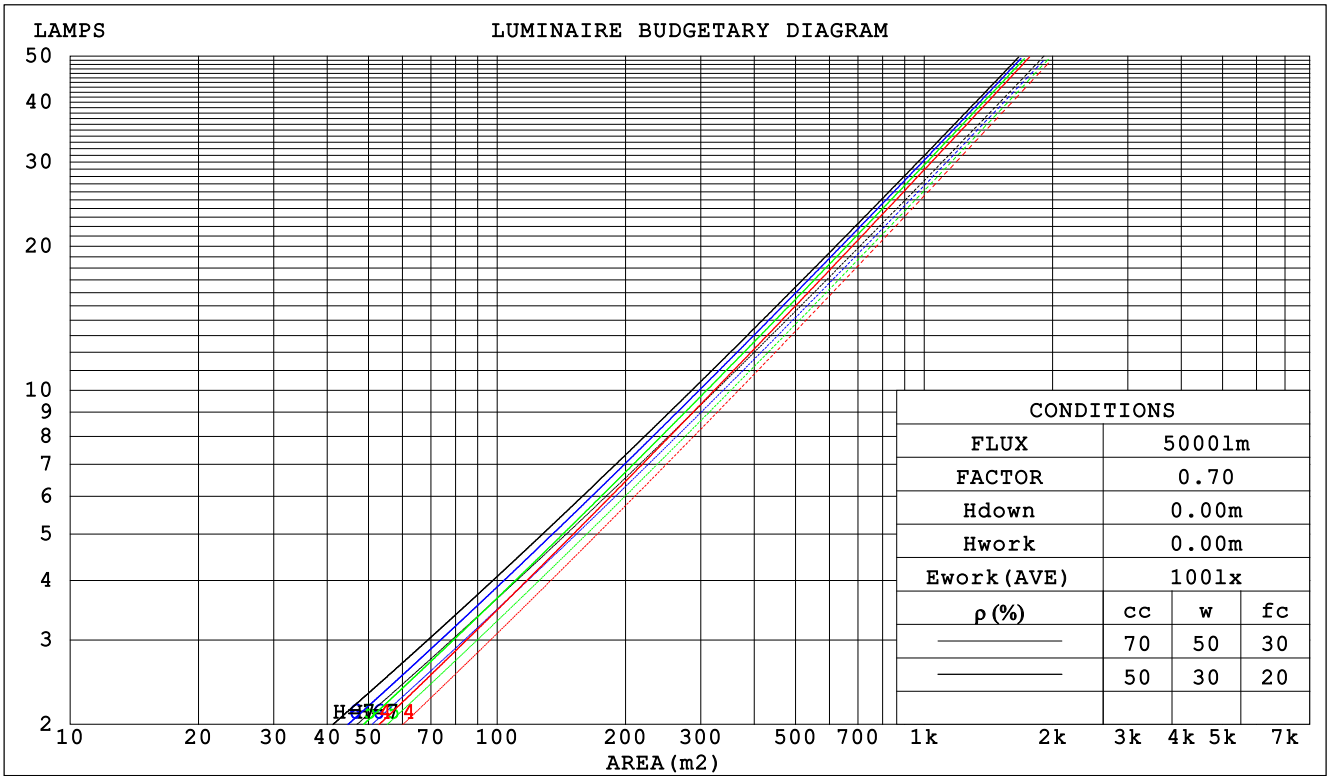
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-12-15

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:8.003m [K=1.0000]
Remarks: HCP-271102 5500K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:23.997V I:0.1124A P:2.6973W PF:1.0000 Freq:50.00Hz Lamp Flux:75.7154x1 lm		
NAME: HCP-271102 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	1.05	1.05	1.05	1.00	1.00	1.00	.98
1.0	1.10	1.07	1.05	1.08	1.05	1.03	1.03	1.01	.00	.99	.98	.96	.96	.94	.93	.91
2.0	1.03	.99	.96	1.01	.97	.94	.97	.94	.92	.94	.92	.90	.91	.89	.88	.86
3.0	.97	.92	.88	.95	.91	.87	.92	.89	.86	.90	.87	.84	.87	.85	.83	.81
4.0	.91	.86	.82	.90	.85	.81	.88	.84	.80	.85	.82	.79	.83	.80	.78	.77
5.0	.86	.81	.77	.85	.80	.77	.83	.79	.76	.82	.78	.75	.80	.77	.74	.73
6.0	.82	.77	.73	.81	.76	.72	.80	.75	.72	.78	.74	.71	.77	.73	.71	.69
7.0	.78	.73	.69	.77	.72	.69	.76	.72	.68	.75	.71	.68	.74	.70	.67	.66
8.0	.75	.69	.66	.74	.69	.65	.73	.68	.65	.72	.68	.65	.71	.67	.64	.63
9.0	.71	.66	.63	.71	.66	.62	.70	.65	.62	.69	.65	.62	.68	.64	.62	.60
10.0	.69	.63	.60	.68	.63	.60	.67	.63	.60	.66	.62	.59	.66	.62	.59	.58



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-12-15

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:8.003m [K=1.0000]
Remarks: HCP-271102 5500K

WEC AND CCEC

Test:U:23.997V I:0.1124A P:2.6973W PF:1.0000 Freq:50.00Hz Lamp Flux:75.7154x1 lm		
NAME: HCP-271102 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	.183	.104	.033	.176	.100	.032	.163	.093	.030	.150	.086	.028	.138	.080	.026	
2.0	.169	.092	.028	.162	.089	.028	.151	.084	.026	.140	.079	.025	.130	.074	.023	
3.0	.156	.083	.025	.151	.081	.024	.141	.077	.023	.132	.072	.022	.124	.068	.021	
4.0	.146	.076	.022	.142	.074	.022	.133	.071	.021	.125	.067	.020	.118	.064	.020	
5.0	.137	.070	.020	.133	.069	.020	.126	.066	.019	.119	.063	.019	.113	.060	.018	
6.0	.130	.065	.019	.126	.064	.018	.120	.061	.018	.114	.059	.017	.108	.057	.017	
7.0	.123	.061	.017	.120	.060	.017	.114	.058	.017	.109	.056	.016	.103	.054	.016	
8.0	.117	.057	.016	.114	.056	.016	.109	.054	.016	.104	.053	.015	.099	.051	.015	
9.0	.111	.054	.015	.109	.053	.015	.104	.052	.015	.100	.050	.014	.096	.049	.014	
10.0	.106	.051	.014	.104	.050	.014	.100	.049	.014	.096	.048	.014	.092	.046	.013	

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	.205	.205	.205	.175	.175	.175	.119	.119	.119	.069	.069	.069	.022	.022	.022	
1.0	.186	.172	.159	.159	.147	.137	.109	.101	.094	.063	.059	.055	.020	.019	.018	
2.0	.170	.147	.127	.146	.126	.110	.100	.088	.077	.058	.051	.045	.018	.016	.015	
3.0	.157	.128	.105	.135	.110	.091	.092	.077	.064	.053	.045	.038	.017	.015	.012	
4.0	.146	.113	.088	.125	.098	.077	.086	.068	.054	.050	.040	.032	.016	.013	.010	
5.0	.137	.102	.076	.117	.088	.066	.081	.061	.046	.047	.036	.028	.015	.012	.009	
6.0	.129	.092	.066	.110	.080	.057	.076	.056	.041	.044	.033	.024	.014	.011	.008	
7.0	.121	.084	.058	.104	.073	.051	.072	.051	.036	.042	.030	.021	.014	.010	.007	
8.0	.115	.078	.052	.099	.068	.046	.069	.047	.032	.040	.028	.019	.013	.009	.006	
9.0	.110	.073	.047	.095	.063	.041	.066	.044	.029	.038	.026	.017	.012	.009	.006	
10.0	.105	.068	.043	.091	.059	.038	.063	.042	.027	.037	.025	.016	.012	.008	.005	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-12-15

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:8.003m [K=1.0000]
Remarks: HCP-271102 5500K

UGR(Unified Glare Rating) Table

Test:U:23.997V I:0.1124A P:2.6973W PF:1.0000 Freq:50.00Hz Lamp Flux:75.7154x1 lm		
NAME: HCP-271102 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	9.1	10.0	9.4	10.2	10.4	5.7	6.6	6.0	6.8	7.0
3H	10.5	11.3	10.8	11.6	11.8	6.2	7.0	6.5	7.2	7.5
4H	11.5	12.2	11.8	12.5	12.7	6.4	7.2	6.7	7.4	7.7
6H	12.7	13.4	13.0	13.7	14.0	6.6	7.3	6.9	7.6	7.8
8H	13.5	14.2	13.8	14.5	14.7	6.6	7.3	7.0	7.6	7.9
12H	14.5	15.1	14.8	15.4	15.7	6.7	7.3	7.0	7.6	7.9
4H 2H	9.4	10.1	9.7	10.4	10.6	6.6	7.4	6.9	7.6	7.9
3H	11.1	11.8	11.4	12.1	12.4	7.6	8.3	8.0	8.6	8.9
4H	12.3	12.9	12.7	13.2	13.6	8.2	8.8	8.6	9.1	9.5
6H	13.8	14.4	14.2	14.7	15.1	8.7	9.2	9.1	9.6	10.0
8H	14.8	15.3	15.2	15.7	16.1	8.9	9.4	9.3	9.8	10.2
12H	16.0	16.4	16.4	16.8	17.3	9.1	9.5	9.5	9.9	10.4
8H 4H	12.6	13.1	13.1	13.5	13.9	9.4	9.9	9.8	10.3	10.7
6H	14.5	14.9	14.9	15.3	15.8	10.4	10.9	10.9	11.3	11.7
8H	15.7	16.1	16.2	16.5	17.0	11.0	11.4	11.5	11.8	12.3
12H	17.2	17.5	17.7	18.0	18.5	11.5	11.8	12.0	12.3	12.8
12H 4H	12.7	13.1	13.1	13.5	14.0	9.8	10.2	10.2	10.6	11.0
6H	14.6	15.0	15.1	15.5	15.9	11.1	11.5	11.6	11.9	12.4
8H	16.0	16.3	16.5	16.7	17.3	11.9	12.2	12.4	12.7	13.2
Variations with the observer position at spacings:										
S = 1.0H	+ 0.3 / - 0.3					+ 0.3 / - 0.3				
1.5H	+ 0.4 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.5				

CIE Pub.117, 75.72 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -9.0)

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-12-15

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:8.003m [K=1.0000]
Remarks: HCP-271102 5500K

UTILIZATION FACTORS TABLE

Test:U:23.997V I:0.1124A P:2.6973W PF:1.0000 Freq:50.00Hz Lamp Flux:75.7154x1 lm		
NAME: HCP-271102 5500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ONIKE	SUR.:	Shielding Angle:

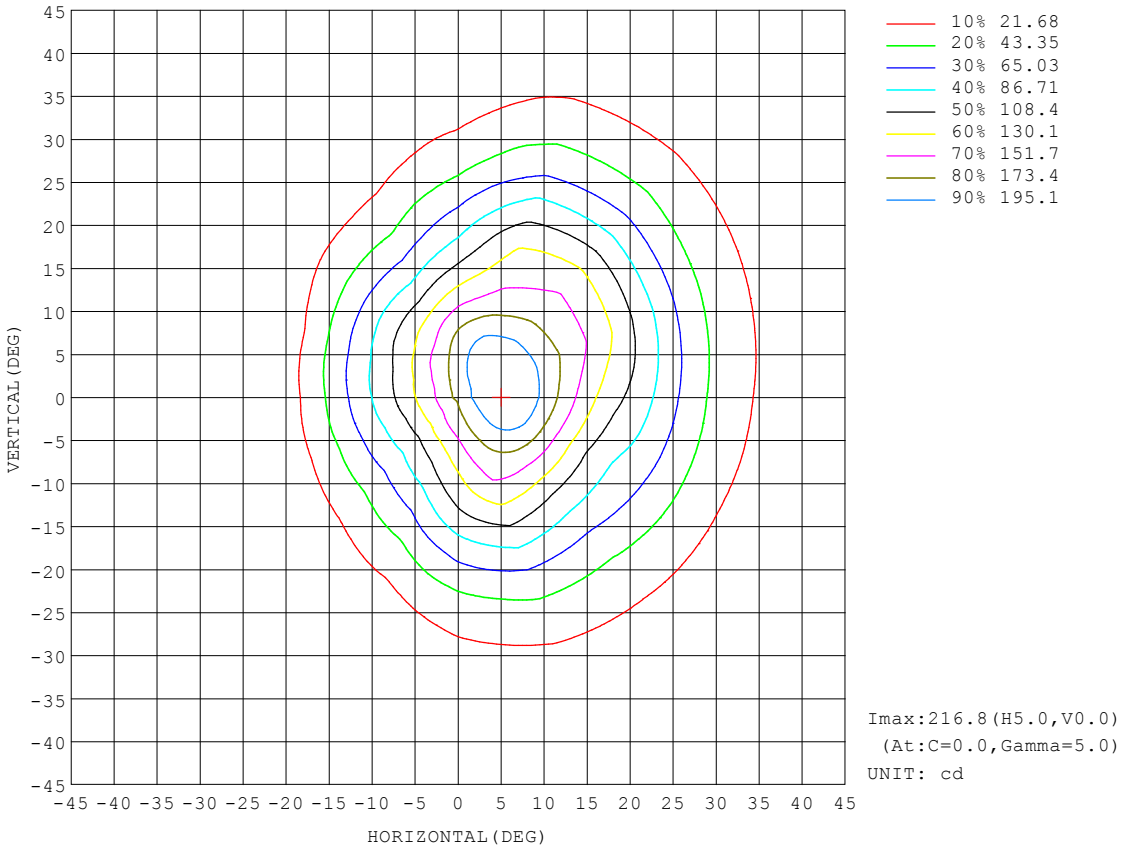
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	85	78	74	84	78	74	83	77	74	70
0.80	92	86	82	91	85	82	90	85	81	77
1.00	97	90	86	96	90	86	94	90	86	81
1.25	101	95	91	99	94	91	97	93	90	85
1.50	103	98	94	102	97	94	100	96	93	88
2.00	106	102	98	105	100	97	102	98	96	90
2.50	108	104	101	106	103	100	103	100	97	91
3.00	110	106	103	108	104	102	104	102	99	92
4.00	112	109	106	110	107	105	106	104	102	94
5.00	114	111	109	111	109	107	107	105	104	95
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:2023-12-15

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:8.003m [K=1.0000]
Remarks: HCP-271102 5500K

ISOCANDELA DIAGRAM

Test:U:23.997V I:0.1124A P:2.6973W PF:1.0000 Freq:50.00Hz Lamp Flux:75.7154x1 lm		
NAME: HCP-271102 5500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ONIKE	SUR.:	Shielding Angle:

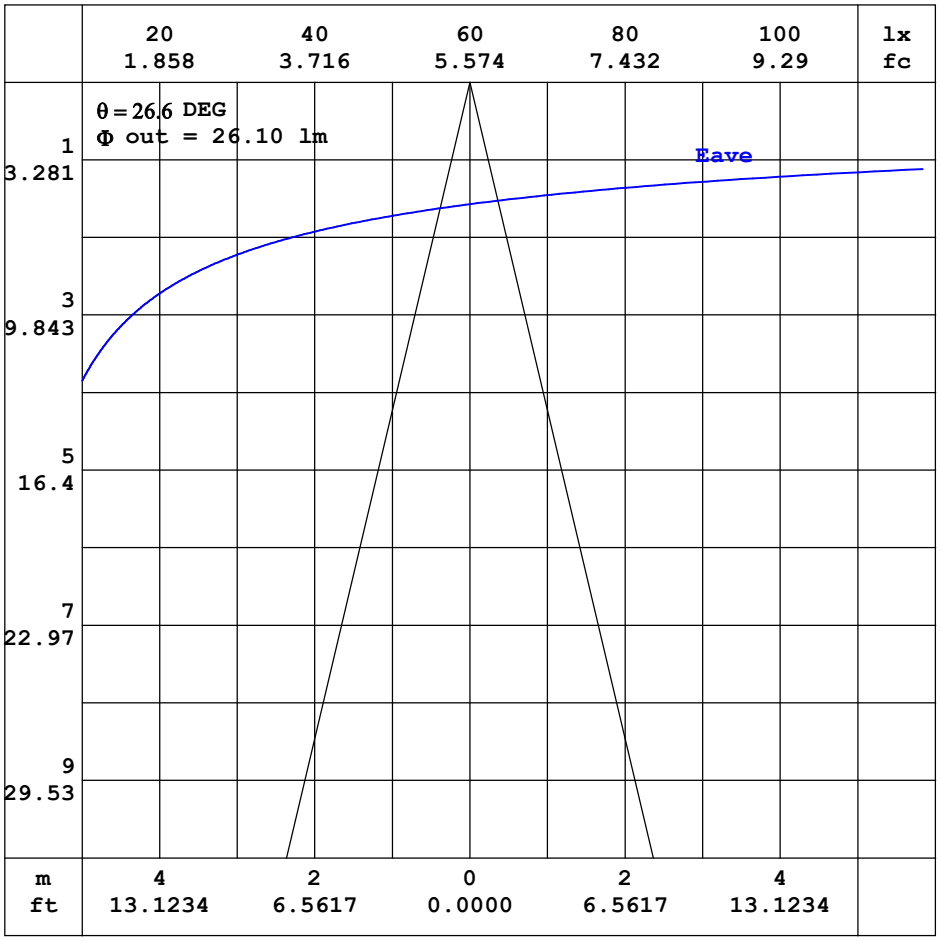


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-12-15

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:8.003m [K=1.0000]
Remarks: HCP-271102 5500K

AAI CURVES

Test:U:23.997V I:0.1124A P:2.6973W PF:1.0000 Freq:50.00Hz Lamp Flux:75.7154x1 lm		
NAME: HCP-271102 5500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ONIKE	SUR.:	Shielding Angle:



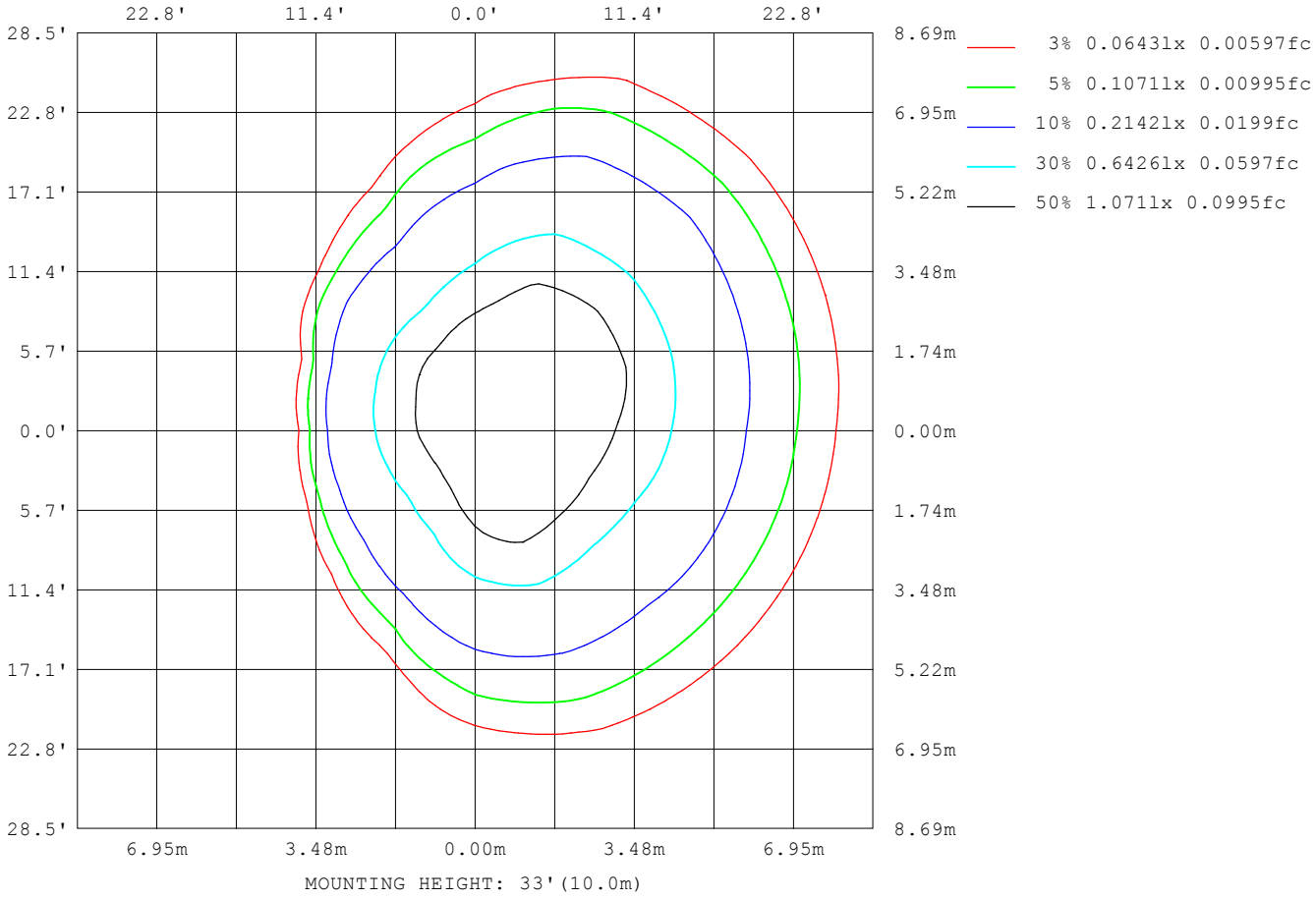
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-12-15

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:8.003m [K=1.0000]
Remarks: HCP-271102 5500K

ISOLUX DIAGRAM

Test:U:23.997V I:0.1124A P:2.6973W PF:1.0000 Freq:50.00Hz Lamp Flux:75.7154x1 lm		
NAME: HCP-271102 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:2023-12-15

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:8.003m [K=1.0000]
Remarks: HCP-271102 5500K

LED Avg.L Report

Test:U:23.997V I:0.1124A P:2.6973W PF:1.0000 Freq:50.00Hz Lamp Flux:75.7154x1 lm		
NAME: HCP-271102 5500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ONIKE	SUR.:	Shielding Angle:

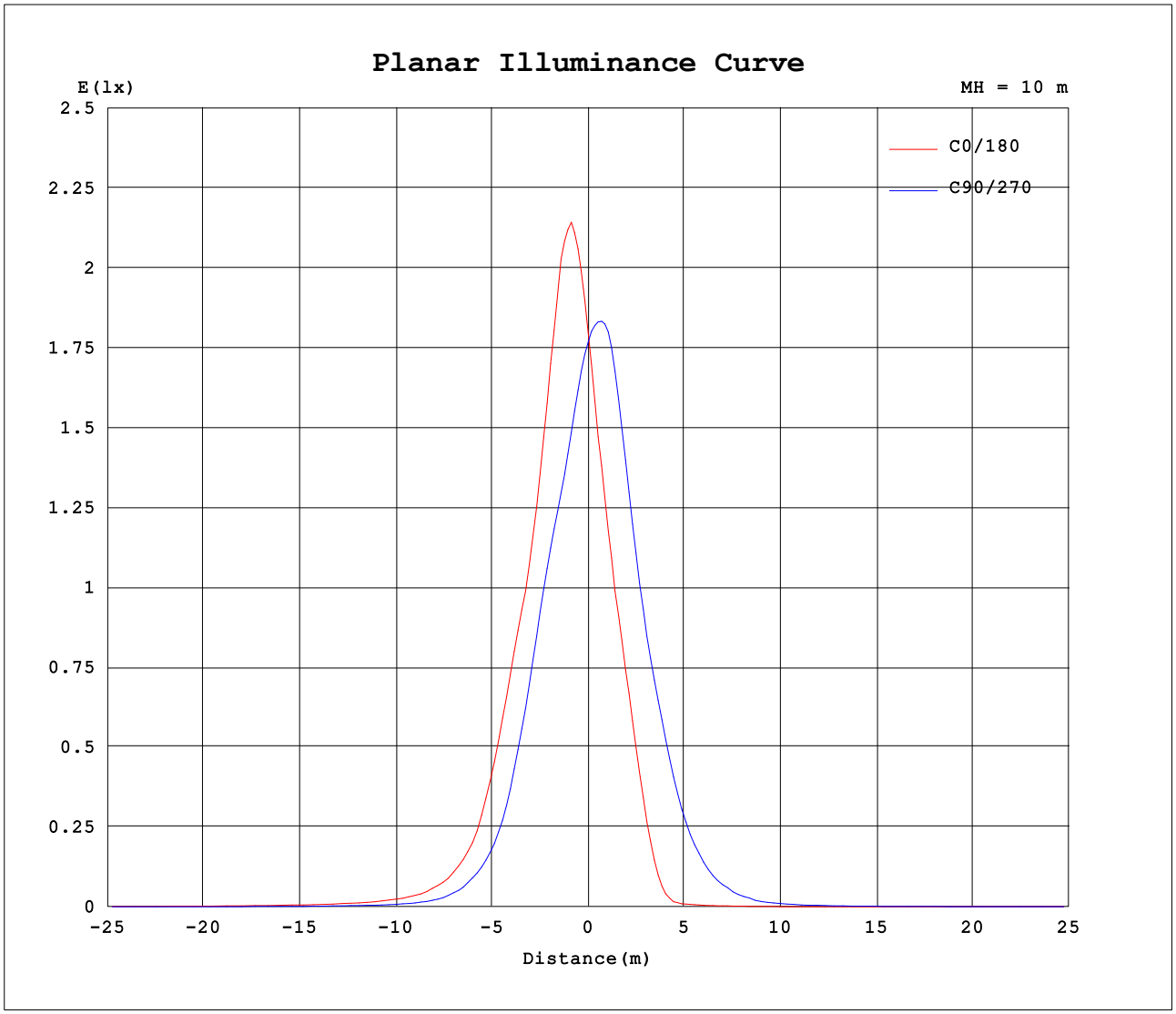
AvgL	cd/m2
L_0~180(65)av	32
L_0~180(75)av	42
L_0~180(85)av	113
L_90~270(65)av	13
L_90~270(75)av	8
L_90~270(85)av	6
L_45(65)av	30
L_45(75)av	39
L_45(85)av	102

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-12-15

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:8.003m [K=1.0000]
Remarks: HCP-271102 5500K

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-12-15

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:8.003m [K=1.0000]
Remarks: HCP-271102 5500K

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:23.997V I:0.1124A P:2.6973W PF:1.0000 Freq:50.00Hz Lamp Flux:75.7154x1 lm		
NAME: HCP-271102 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	179	177	178	177	177	178	176	178	179	177	178	177	177	178	176	178			
5	217	207	191	171	150	135	124	124	130	136	149	164	185	202	211	216			
10	189	177	164	154	124	94.5	79.2	81.6	87.1	95.6	110	128	156	176	190	193			
15	139	120	114	117	94.0	60.2	46.2	43.4	46.7	55.2	68.9	81.3	113	145	160	160			
20	104	83.2	75.5	76.8	59.3	32.3	20.1	14.0	12.0	18.0	35.1	45.8	77.8	123	134	126			
25	69.6	57.6	46.0	44.1	31.4	13.9	6.40	2.34	1.72	2.66	11.4	23.2	47.6	85.9	92.9	83.9			
30	36.7	30.9	25.5	23.1	16.4	5.03	1.76	0.99	0.89	1.08	2.54	10.1	25.9	52.4	55.7	46.8			
35	19.9	16.2	13.9	12.1	7.99	2.17	1.03	0.63	0.58	0.67	1.09	4.14	12.7	28.4	30.9	25.0			
40	10.6	9.25	7.91	6.30	3.83	1.38	0.70	0.44	0.36	0.48	0.73	1.98	6.14	13.8	15.0	13.0			
45	6.79	6.05	5.11	3.98	2.31	0.95	0.46	0.25	0.25	0.31	0.45	1.19	2.98	6.50	7.63	7.40			
50	4.79	4.37	3.78	2.90	1.57	0.64	0.30	0.20	0.23	0.25	0.30	0.80	1.72	3.99	5.13	5.02			
55	3.75	3.47	3.04	2.30	1.12	0.40	0.18	0.11	0.09	0.17	0.17	0.54	1.20	3.04	3.94	3.90			
60	3.06	2.87	2.52	1.87	0.76	0.24	0.11	0.01	0.00	0.05	0.10	0.35	0.86	2.53	3.27	3.23			
65	2.71	2.53	2.18	1.54	0.50	0.11	0.05	0.01	0.00	0.01	0.03	0.21	0.60	2.16	2.80	2.79			
70	2.38	2.22	1.93	1.32	0.30	0.03	0.01	0.01	0.00	0.00	0.00	0.12	0.38	1.92	2.48	2.48			
75	2.15	2.05	1.75	1.14	0.17	0.01	0.01	0.01	0.01	0.00	0.00	0.06	0.23	1.74	2.26	2.24			
80	1.98	1.93	1.60	1.03	0.10	0.00	0.01	0.01	0.01	0.00	0.01	0.03	0.11	1.56	2.05	2.05			
85	1.95	1.91	1.56	0.96	0.06	0.00	0.01	0.01	0.01	0.00	0.01	0.02	0.04	1.47	1.97	2.02			
90	1.95	1.89	1.47	0.82	0.00	0.01	0.01	0.01	0.01	0.00	0.01	0.01	0.02	1.35	1.93	2.03			
95	1.62	1.37	0.96	0.49	0.00	0.01	0.01	0.02	0.01	0.00	0.01	0.00	0.00	1.09	1.61	1.77			
100	0.39	0.18	0.03	0.00	0.00	0.01	0.01	0.02	0.02	0.00	0.01	0.00	0.00	0.38	0.61	0.57			
105	0.00	0.00	0.00	0.00	0.00	0.02	0.01	0.03	0.03	0.00	0.02	0.00	0.00	0.00	0.00	0.00			
110	0.00	0.00	0.00	0.00	0.00	0.03	0.01	0.04	0.04	0.00	0.03	0.00	0.01	0.00	0.00	0.00			
115	0.00	0.00	0.00	0.01	0.00	0.05	0.03	0.06	0.05	0.00	0.04	0.00	0.01	0.00	0.00	0.00			
120	0.00	0.00	0.00	0.02	0.03	0.08	0.04	0.09	0.07	0.03	0.05	0.00	0.03	0.00	0.00	0.00			
125	0.00	0.01	0.00	0.05	0.04	0.13	0.10	0.14	0.11	0.05	0.08	0.03	0.04	0.00	0.01	0.00			
130	0.00	0.03	0.02	0.09	0.10	0.19	0.18	0.22	0.17	0.10	0.13	0.05	0.08	0.02	0.03	0.00			
135	0.03	0.07	0.04	0.15	0.17	0.27	0.26	0.31	0.26	0.18	0.20	0.11	0.12	0.03	0.06	0.00			
140	0.05	0.13	0.12	0.23	0.27	0.37	0.37	0.42	0.37	0.30	0.28	0.20	0.18	0.09	0.11	0.03			
145	0.13	0.21	0.24	0.34	0.38	0.46	0.47	0.53	0.49	0.40	0.39	0.29	0.27	0.17	0.18	0.10			
150	0.23	0.31	0.32	0.43	0.45	0.55	0.54	0.62	0.58	0.51	0.49	0.38	0.36	0.26	0.28	0.20			
155	0.37	0.43	0.44	0.52	0.52	0.60	0.60	0.66	0.65	0.59	0.56	0.46	0.45	0.37	0.37	0.31			
160	0.46	0.53	0.51	0.58	0.58	0.63	0.65	0.66	0.66	0.60	0.63	0.53	0.53	0.44	0.47	0.41			
165	0.55	0.60	0.58	0.61	0.59	0.64	0.66	0.66	0.66	0.63	0.63	0.57	0.57	0.52	0.54	0.51			
170	0.59	0.64	0.59	0.61	0.59	0.65	0.66	0.66	0.66	0.63	0.64	0.58	0.62	0.56	0.60	0.56			
175	0.65	0.65	0.59	0.62	0.60	0.65	0.66	0.66	0.66	0.63	0.64	0.59	0.64	0.59	0.63	0.59			
180	0.66	0.66	0.61	0.62	0.63	0.65	0.66	0.66	0.66	0.65	0.65	0.61	0.64	0.64	0.65	0.64			

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-12-15

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:8.003m [K=1.0000]
Remarks: HCP-271102 5500K