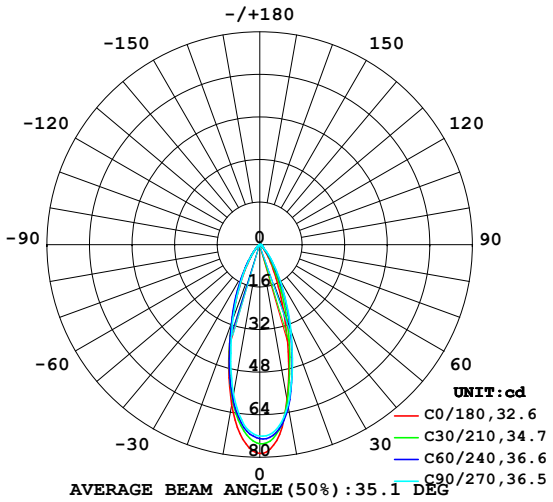
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:23.997V I:0.0417A P:1.0007W PF:1.0000 Freq:49.99Hz Lamp Flux:35.1984x1 lm		
NAME: HCP-272201 5500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

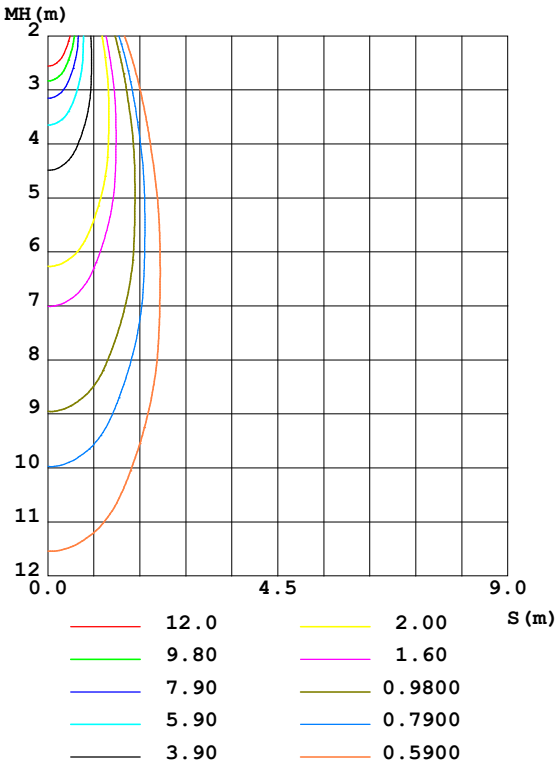
DATA OF LAMP		PHOTOMETRIC DATA Eff: 35.17 lm/W			
MODEL	HCP-272201 5500K	Imax(cd)	78.56	S/MH(C0/180)	0.55
NOMINAL POWER(W)	1	LOR(%)	100.0	S/MH(C90/270)	0.56
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	35.198	η UP,DN(C0-180)	0.0,52.0
NOMINAL FLUX(lm)	35.1984	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,48.0
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	24	η down(%)	100.0	CIBSE SHR MAX	0.60

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):35.1 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-09-12

γ Range: 0 - 90DEG
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-272201 5500K

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	59.00	61.57	61.20	58.09	61.02	58.67	57.12	54.57	0- 10	6.279	6.279	17.8,17.8
20	25.83	32.09	34.30	31.17	30.83	30.87	29.58	25.44	10- 20	11.96	18.24	51.8,51.8
30	9.389	13.30	15.03	12.56	11.38	12.89	11.94	9.816	20- 30	9.039	27.28	77.5,77.5
40	3.249	4.521	5.337	4.317	3.609	4.113	4.051	3.534	30- 40	4.592	31.87	90.6,90.6
50	1.178	1.458	1.718	1.484	1.176	1.395	1.479	1.334	40- 50	1.908	33.78	96,96
60	0.5346	0.5599	0.7389	0.6467	0.5427	0.5954	0.6032	0.6301	50- 60	0.8412	34.62	98.4,98.4
70	0.2001	0.2512	0.3001	0.2648	0.2383	0.2521	0.2424	0.2434	60- 70	0.4076	35.03	99.5,99.5
80	0.0523	0.0261	0.1000	0.0606	0.0433	0.0826	0.0304	0.0652	70- 80	0.1454	35.18	99.9,99.9
90	0	0	0	0	0	0	0	0	80- 90	0.0228	35.20	100,100
100									90-100			
110									100-110			
120									110-120			
130									120-130			
140									130-140			
150									140-150			
160									150-160			
170									160-170			
180									170-180			
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-09-12

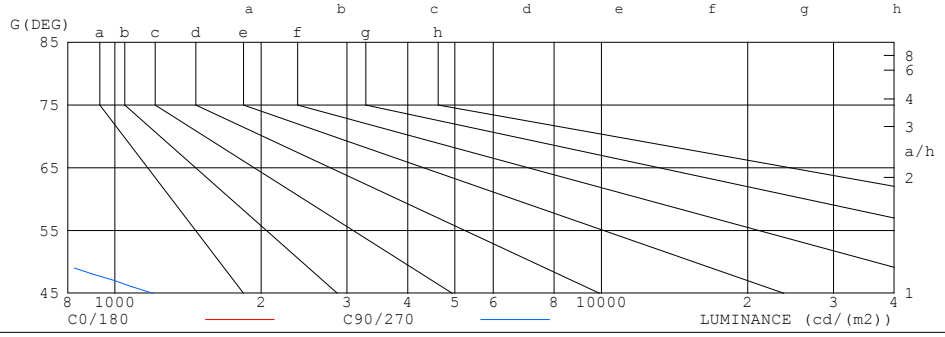
γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:8.003m [K=1.0000]
Remarks: HCP-272201 5500K

LUMINANCE LIMITATION CURVES

Test:U:23.997V I:0.0417A P:1.0007W PF:1.0000 Freq:49.99Hz Lamp Flux:35.1984x1 lm		
NAME: HCP-272201 5500K	**TYPE:**	**WEIGHT:**
SPEC.:	**DIM.:**	**SERIAL No.:**
MFR.: EVERFINE	**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	43	114
80	85	163
75	129	195
70	166	249
65	234	327
60	303	419
55	383	540
50	520	758
45	763	1197

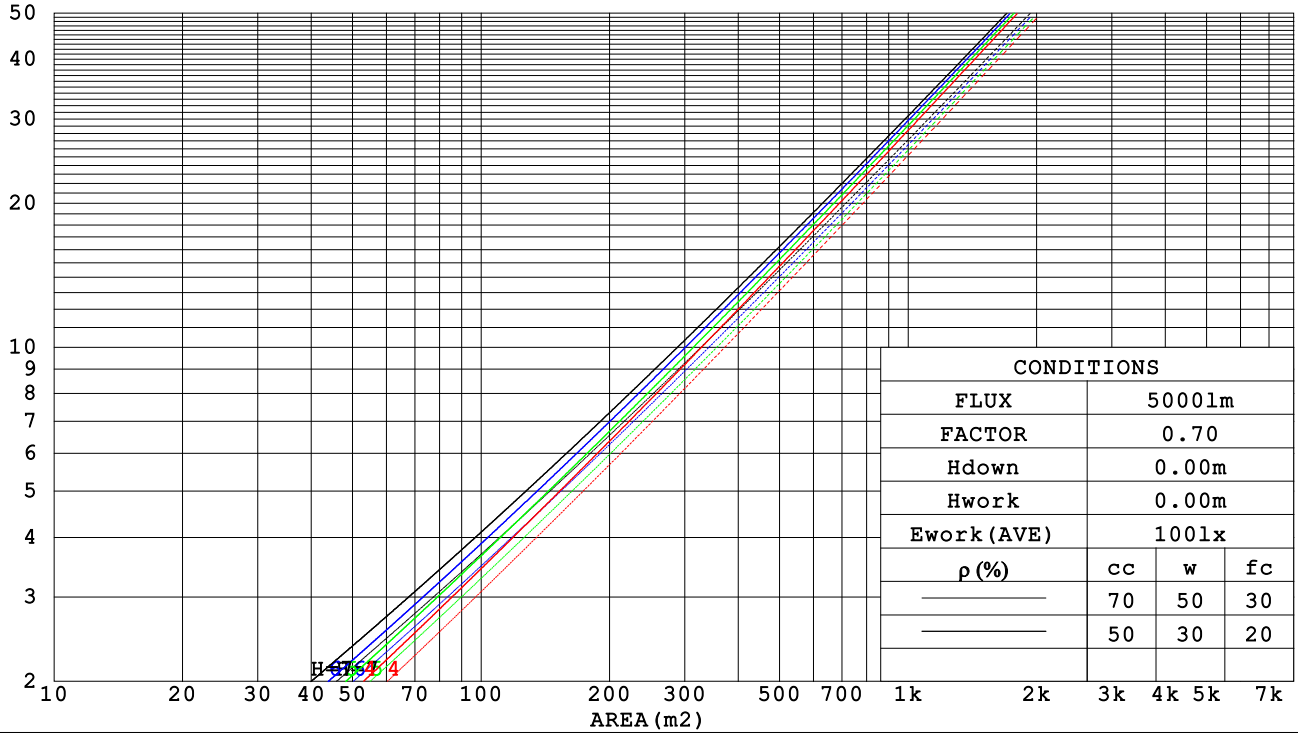
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-09-12

γ Range: 0 - 90DEG
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-272201 5500K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:23.997V I:0.0417A P:1.0007W PF:1.0000 Freq:49.99Hz Lamp Flux:35.1984x1 lm		
NAME: HCP-272201 5500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	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	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	.00
1.0	1.11	1.09	1.07	1.09	1.07	1.05	1.05	1.03	1.02	1.01	.00	.99	.98	.97	.96	.94
2.0	1.04	.00	.97	1.02	.99	.96	.99	.96	.94	.96	.94	.92	.93	.91	.90	.88
3.0	.97	.93	.89	.96	.92	.88	.93	.90	.87	.91	.88	.85	.89	.86	.84	.83
4.0	.92	.86	.82	.91	.86	.82	.88	.84	.81	.86	.83	.80	.85	.82	.79	.78
5.0	.87	.81	.77	.86	.81	.77	.84	.79	.76	.82	.78	.75	.81	.77	.75	.73
6.0	.82	.76	.72	.81	.76	.72	.80	.75	.72	.78	.74	.71	.77	.73	.71	.69
7.0	.78	.72	.68	.77	.72	.68	.76	.71	.68	.75	.71	.67	.74	.70	.67	.66
8.0	.74	.68	.65	.73	.68	.65	.72	.68	.64	.71	.67	.64	.70	.67	.64	.63
9.0	.71	.65	.61	.70	.65	.61	.69	.64	.61	.68	.64	.61	.68	.64	.61	.60
10.0	.67	.62	.59	.67	.62	.59	.66	.62	.58	.66	.61	.58	.65	.61	.58	.57



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-09-12

γ Range: 0 - 90DEG
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-272201 5500K

WEC AND CCEC

Test:U:23.997V I:0.0417A P:1.0007W PF:1.0000 Freq:49.99Hz Lamp Flux:35.1984x1 lm		
NAME: HCP-272201 5500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	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	.172	.098	.031	.165	.094	.030	.152	.087	.028	.141	.081	.026	.130	.075	.024	
2.0	.163	.089	.027	.158	.087	.027	.147	.082	.025	.137	.077	.024	.128	.073	.023	
3.0	.155	.082	.025	.150	.080	.024	.141	.076	.023	.133	.073	.022	.125	.069	.021	
4.0	.146	.076	.022	.142	.074	.022	.134	.071	.021	.127	.068	.021	.121	.066	.020	
5.0	.139	.071	.020	.135	.069	.020	.128	.067	.020	.122	.064	.019	.116	.062	.019	
6.0	.132	.066	.019	.129	.065	.019	.123	.063	.018	.117	.061	.018	.112	.059	.018	
7.0	.125	.062	.018	.123	.061	.017	.117	.059	.017	.113	.058	.017	.108	.056	.017	
8.0	.120	.058	.016	.117	.058	.016	.113	.056	.016	.108	.055	.016	.104	.054	.016	
9.0	.114	.055	.015	.112	.055	.015	.108	.053	.015	.104	.052	.015	.101	.051	.015	
10.0	.109	.052	.015	.107	.052	.014	.104	.051	.014	.100	.050	.014	.097	.049	.014	

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	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.171	.157	.145	.146	.135	.125	.100	.093	.086	.058	.054	.050	.018	.017	.016	
2.0	.155	.133	.114	.133	.114	.098	.091	.079	.068	.052	.046	.040	.017	.015	.013	
3.0	.142	.114	.091	.122	.098	.079	.084	.068	.055	.048	.040	.032	.016	.013	.011	
4.0	.131	.099	.074	.113	.085	.064	.078	.059	.045	.045	.035	.027	.014	.011	.009	
5.0	.122	.087	.061	.105	.075	.053	.072	.053	.037	.042	.031	.022	.014	.010	.007	
6.0	.114	.077	.051	.098	.067	.044	.068	.047	.031	.039	.028	.019	.013	.009	.006	
7.0	.108	.070	.043	.093	.060	.038	.064	.042	.027	.037	.025	.016	.012	.008	.005	
8.0	.102	.063	.037	.088	.055	.032	.061	.039	.023	.035	.023	.014	.011	.007	.005	
9.0	.096	.058	.032	.083	.050	.028	.058	.035	.020	.034	.021	.012	.011	.007	.004	
10.0	.092	.054	.028	.079	.047	.025	.055	.033	.018	.032	.019	.010	.010	.006	.003	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-09-12

γ Range: 0 - 90DEG
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-272201 5500K

UGR(Unified Glare Rating) Table

Test:U:23.997V I:0.0417A P:1.0007W PF:1.0000 Freq:49.99Hz Lamp Flux:35.1984x1 lm		
NAME: HCP-272201 5500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	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	17.7	18.6	17.9	18.8	18.9	19.8	20.7	20.0	20.8	21.0
3H	17.8	18.6	18.0	18.8	19.0	19.8	20.7	20.1	20.8	21.0
4H	17.7	18.5	18.0	18.7	18.9	19.8	20.6	20.1	20.8	21.0
6H	17.7	18.4	18.0	18.6	18.9	19.8	20.5	20.1	20.7	21.0
8H	17.6	18.3	17.9	18.6	18.8	19.7	20.5	20.1	20.7	21.0
12H	17.6	18.3	17.9	18.5	18.8	19.7	20.4	20.0	20.7	20.9
4H 2H	17.7	18.5	18.0	18.7	18.9	19.7	20.4	19.9	20.6	20.9
3H	17.8	18.5	18.1	18.7	19.0	19.8	20.4	20.1	20.7	21.0
4H	17.8	18.4	18.1	18.7	19.0	19.8	20.4	20.1	20.7	21.0
6H	17.7	18.3	18.1	18.6	19.0	19.7	20.3	20.1	20.6	20.9
8H	17.7	18.2	18.1	18.5	18.9	19.7	20.2	20.1	20.6	20.9
12H	17.6	18.1	18.1	18.5	18.9	19.7	20.1	20.1	20.5	20.9
8H 4H	17.7	18.2	18.1	18.6	18.9	19.7	20.2	20.0	20.5	20.9
6H	17.7	18.1	18.1	18.5	18.9	19.6	20.0	20.1	20.4	20.8
8H	17.6	18.0	18.1	18.4	18.9	19.6	20.0	20.1	20.4	20.8
12H	17.6	17.9	18.0	18.3	18.8	19.6	19.9	20.0	20.3	20.8
12H 4H	17.7	18.1	18.1	18.5	18.9	19.6	20.1	20.0	20.4	20.8
6H	17.6	18.0	18.1	18.4	18.8	19.6	19.9	20.0	20.4	20.8
8H	17.6	17.9	18.1	18.3	18.8	19.6	19.9	20.0	20.3	20.8
Variations with the observer position at spacings:										
S = 1.0H	+ 1.8 / - 3.2					+ 2.3 / - 3.4				
1.5H	+ 2.8 / - 2.5					+ 3.6 / - 3.0				
2.0H	+ 2.9 / - 2.2					+ 3.7 / - 2.6				

CIE Pub.117, 35.20 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -11.6)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-09-12

γ Range: 0 - 90DEG
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-272201 5500K

UTILIZATION FACTORS TABLE

Test:U:23.997V I:0.0417A P:1.0007W PF:1.0000 Freq:49.99Hz Lamp Flux:35.1984x1 lm		
NAME: HCP-272201 5500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

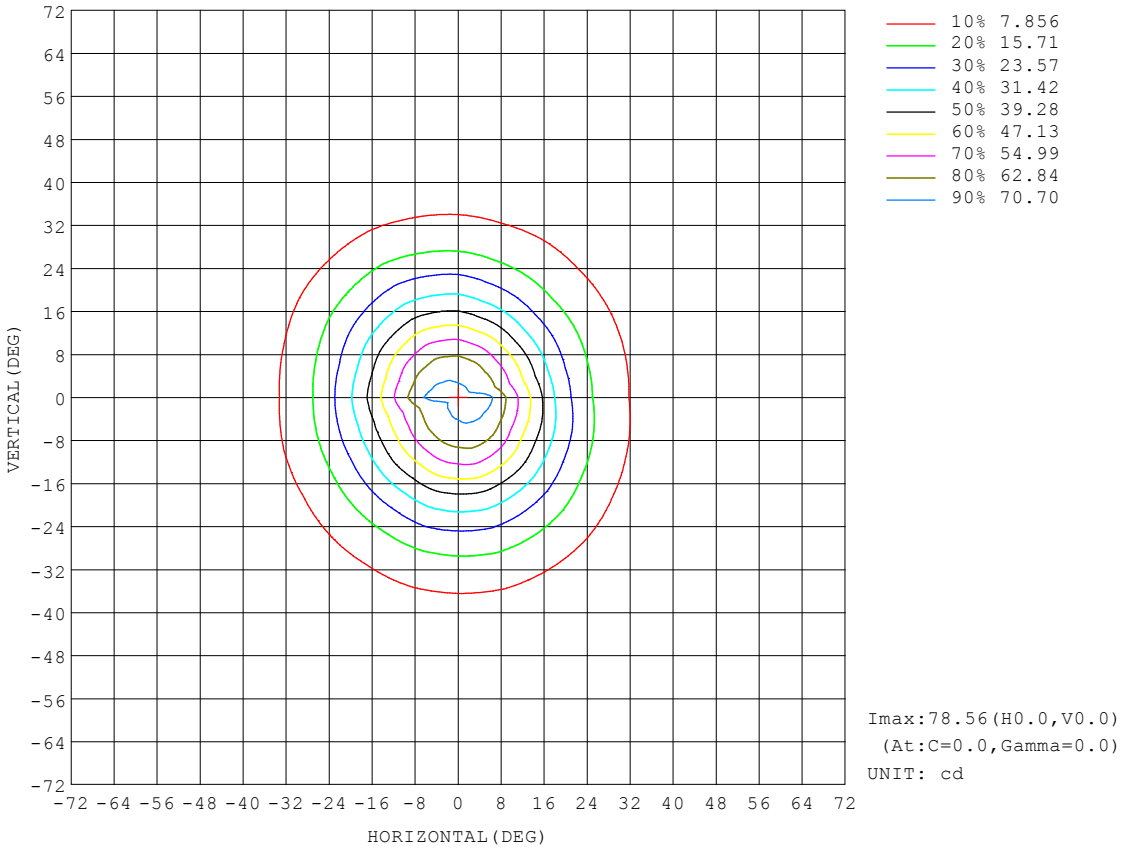
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	86	79	75	85	79	75	84	78	75	71
0.80	93	87	83	93	87	83	91	86	83	79
1.00	98	92	88	97	92	88	96	92	88	83
1.25	102	97	93	101	96	93	99	95	92	88
1.50	105	100	97	104	99	96	102	98	95	90
2.00	108	104	100	107	103	99	104	101	98	93
2.50	110	106	103	108	105	102	105	102	100	94
3.00	111	108	105	110	106	104	106	104	102	95
4.00	113	111	108	111	109	107	108	106	104	97
5.00	115	112	110	113	111	109	109	107	106	98
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended					SHRNOM = 1.25	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-09-12

γ Range: 0 - 90DEG
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-272201 5500K

ISOCANDELA DIAGRAM

Test:U:23.997V I:0.0417A P:1.0007W PF:1.0000 Freq:49.99Hz Lamp Flux:35.1984x1 lm		
NAME: HCP-272201 5500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

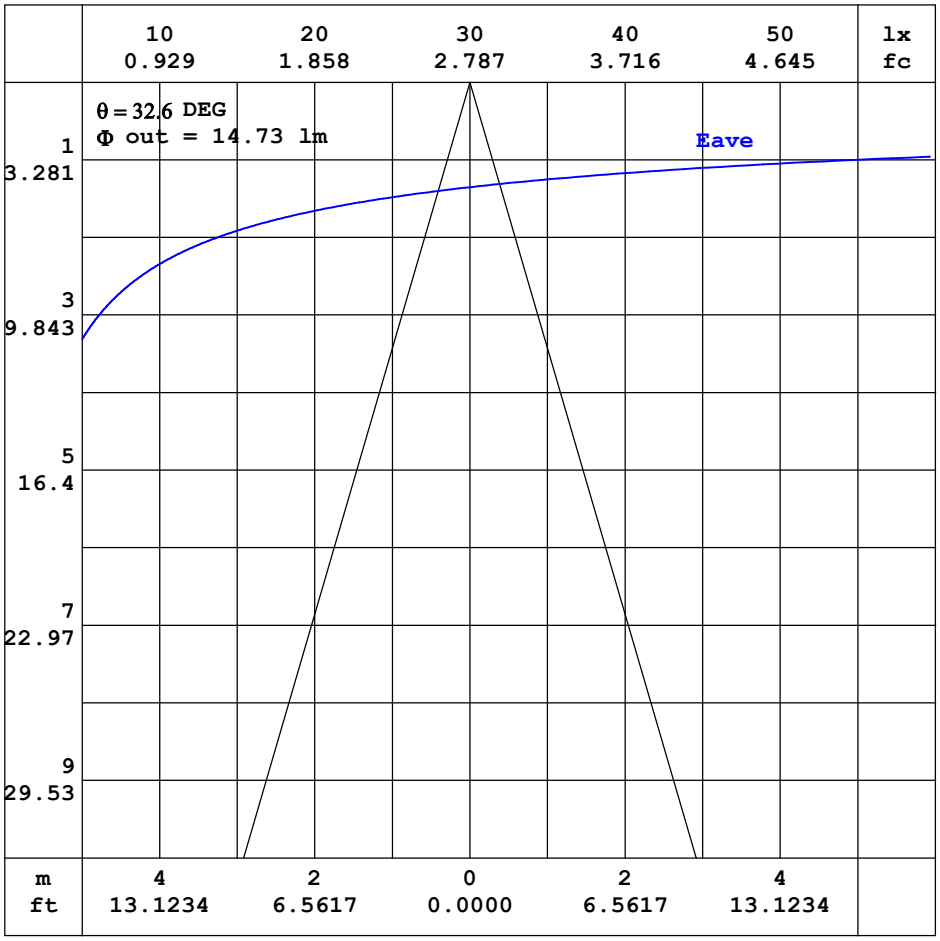


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-09-12

γ Range: 0 - 90DEG
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-272201 5500K

AAI CURVES

Test:U:23.997V I:0.0417A P:1.0007W PF:1.0000 Freq:49.99Hz Lamp Flux:35.1984x1 lm		
NAME: HCP-272201 5500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



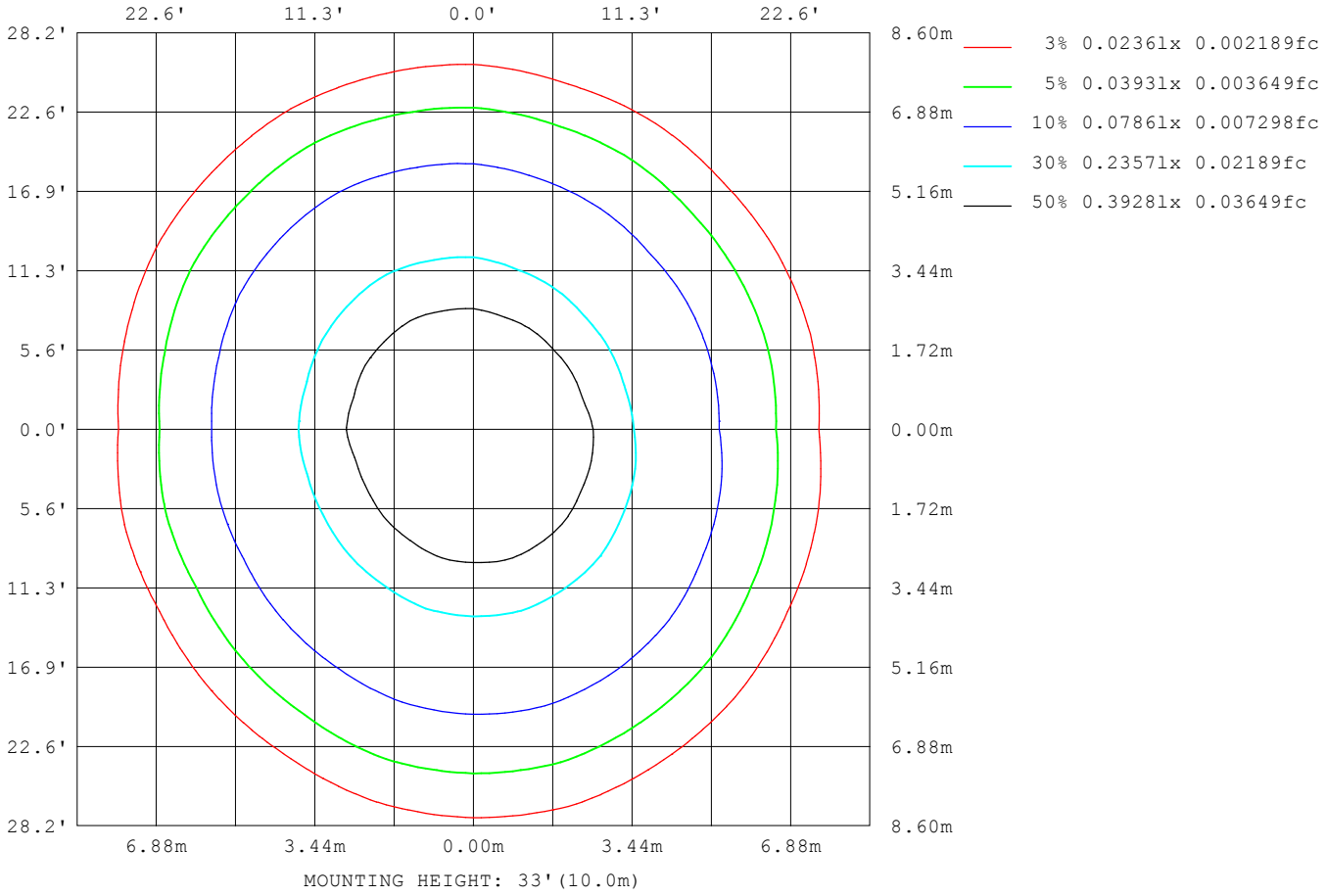
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-09-12

γ Range: 0 - 90DEG
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-272201 5500K

ISOLUX DIAGRAM

Test:U:23.997V I:0.0417A P:1.0007W PF:1.0000 Freq:49.99Hz Lamp Flux:35.1984x1 lm		
NAME: HCP-272201 5500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-09-12

γ Range: 0 - 90DEG
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-272201 5500K

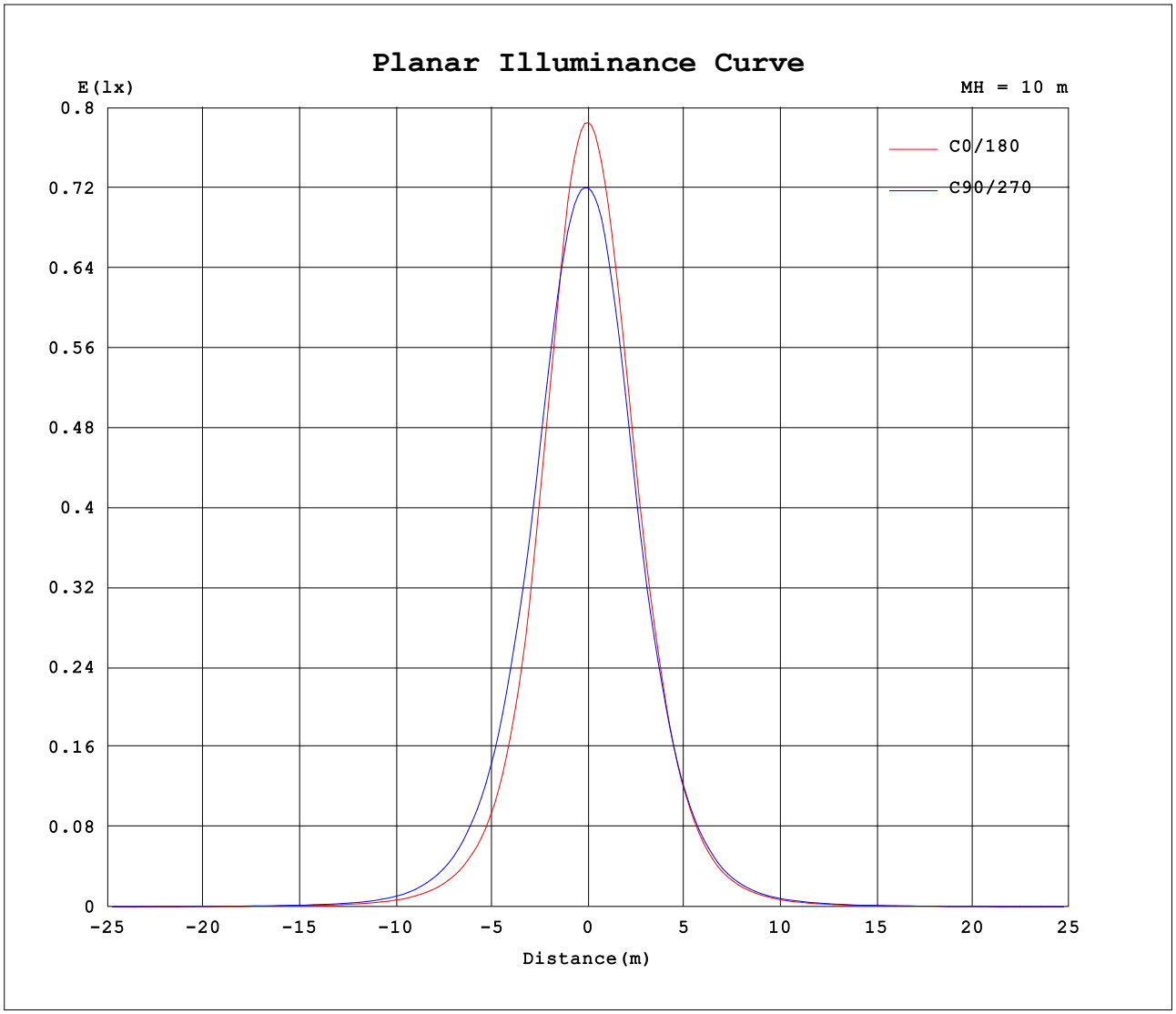
LED Avg.L Report

Test:U:23.997V I:0.0417A P:1.0007W PF:1.0000 Freq:49.99Hz Lamp Flux:35.1984x1 lm		
NAME: HCP-272201 5500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

AvgL	cd/m2
L_0~180(65)av	245
L_0~180(75)av	119
L_0~180(85)av	21
L_90~270(65)av	290
L_90~270(75)av	148
L_90~270(85)av	57
L_45(65)av	276
L_45(75)av	145
L_45(85)av	50

Standard: GB/T 29293-2012

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-09-12

γ Range: 0 - 90DEG
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-272201 5500K

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:23.997V I:0.0417A P:1.0007W PF:1.0000 Freq:49.99Hz Lamp Flux:35.1984x1 lm		
NAME: HCP-272201 5500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

Table--1 UNIT: cd

γ (DEG) \ C(DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	78.6	76.3	74.8	73.6	73.0	72.3	72.0	71.9	71.8	71.7	71.5	71.7	78.6	76.3	74.8	73.6	73.0	72.3	72.0
5	74.0	72.7	71.7	71.4	71.0	70.7	69.9	69.5	68.8	68.2	67.4	67.5	73.4	71.1	70.2	69.2	69.1	68.2	68.0
10	59.0	59.4	59.7	61.6	62.1	62.4	61.2	60.5	59.0	58.1	56.6	56.6	61.0	59.2	59.2	58.7	58.8	57.6	57.1
15	41.8	43.0	43.8	46.1	47.2	48.3	47.6	47.1	45.3	44.3	43.0	42.8	45.1	43.8	44.5	44.1	44.4	43.0	42.2
20	25.8	28.1	29.8	32.1	33.4	34.7	34.3	33.8	32.1	31.2	30.0	29.7	30.8	30.1	30.7	30.9	31.2	30.2	29.6
25	15.7	17.7	19.3	21.4	22.5	23.6	23.2	23.0	21.4	20.6	19.5	19.2	19.1	19.6	20.6	20.9	21.2	20.1	19.3
30	9.39	10.5	11.6	13.3	14.4	15.3	15.0	14.5	13.3	12.6	11.8	11.7	11.4	11.8	12.7	12.9	13.1	12.4	11.9
35	5.62	6.21	6.86	7.81	8.47	9.22	9.17	8.88	7.93	7.40	6.82	6.77	6.35	6.77	7.34	7.39	7.58	7.23	7.00
40	3.25	3.66	3.97	4.52	4.92	5.36	5.34	5.13	4.61	4.32	3.96	3.95	3.61	3.77	4.04	4.11	4.25	4.13	4.05
45	1.90	2.07	2.27	2.56	2.79	3.03	2.98	2.90	2.67	2.50	2.35	2.30	2.03	2.13	2.23	2.30	2.38	2.37	2.36
50	1.18	1.21	1.33	1.46	1.60	1.73	1.72	1.68	1.60	1.48	1.43	1.38	1.18	1.26	1.28	1.40	1.41	1.48	1.48
55	0.77	0.78	0.82	0.86	1.01	1.05	1.09	1.05	1.05	0.93	0.96	0.89	0.79	0.83	0.79	0.90	0.91	0.95	0.92
60	0.53	0.52	0.54	0.56	0.67	0.67	0.74	0.69	0.70	0.65	0.66	0.64	0.54	0.59	0.52	0.60	0.58	0.64	0.60
65	0.35	0.31	0.37	0.39	0.43	0.44	0.49	0.45	0.49	0.44	0.47	0.41	0.38	0.40	0.38	0.41	0.38	0.43	0.38
70	0.20	0.17	0.23	0.25	0.28	0.25	0.30	0.27	0.31	0.26	0.30	0.25	0.24	0.26	0.23	0.25	0.24	0.26	0.24
75	0.12	0.09	0.13	0.09	0.15	0.12	0.18	0.14	0.18	0.15	0.18	0.13	0.10	0.16	0.10	0.16	0.10	0.15	0.09
80	0.05	0.03	0.07	0.03	0.08	0.04	0.10	0.06	0.10	0.06	0.10	0.06	0.04	0.10	0.04	0.08	0.03	0.08	0.03
85	0.01	0.00	0.02	0.00	0.03	0.00	0.03	0.00	0.04	0.02	0.04	0.02	0.00	0.03	0.00	0.03	0.00	0.02	0.00
90	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	0.00	0.00	0.00

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-09-12

γ Range: 0 - 90DEG
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-272201 5500K

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:23.997V I:0.0417A P:1.0007W PF:1.0000 Freq:49.99Hz Lamp Flux:35.1984x1 lm		
NAME: HCP-272201 5500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

Table--2 UNIT: cd

γ (DEG) \ C (DEG)	285	300	315	330	345
0	71.9	71.8	71.7	71.5	71.7
5	67.5	67.5	67.1	67.3	67.5
10	55.9	55.5	54.6	54.7	54.6
15	40.5	40.0	38.8	38.9	38.9
20	27.7	26.7	25.4	25.3	24.9
25	17.8	16.9	15.9	15.8	15.6
30	11.0	10.5	9.82	9.76	9.56
35	6.46	6.29	5.95	5.88	5.84
40	3.75	3.69	3.53	3.51	3.53
45	2.23	2.16	2.10	2.10	2.10
50	1.42	1.34	1.33	1.28	1.33
55	0.96	0.87	0.92	0.86	0.92
60	0.65	0.59	0.63	0.58	0.62
65	0.42	0.38	0.40	0.38	0.40
70	0.25	0.25	0.24	0.19	0.23
75	0.14	0.10	0.13	0.09	0.13
80	0.07	0.03	0.07	0.03	0.07
85	0.02	0.00	0.01	0.00	0.01
90	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-09-12

γ Range: 0 - 90DEG
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-272201 5500K