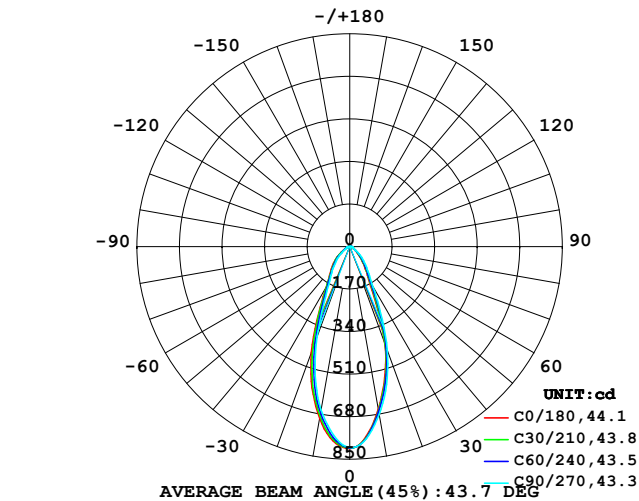


LUMINAIRE PHOTOMETRIC TEST REPORT

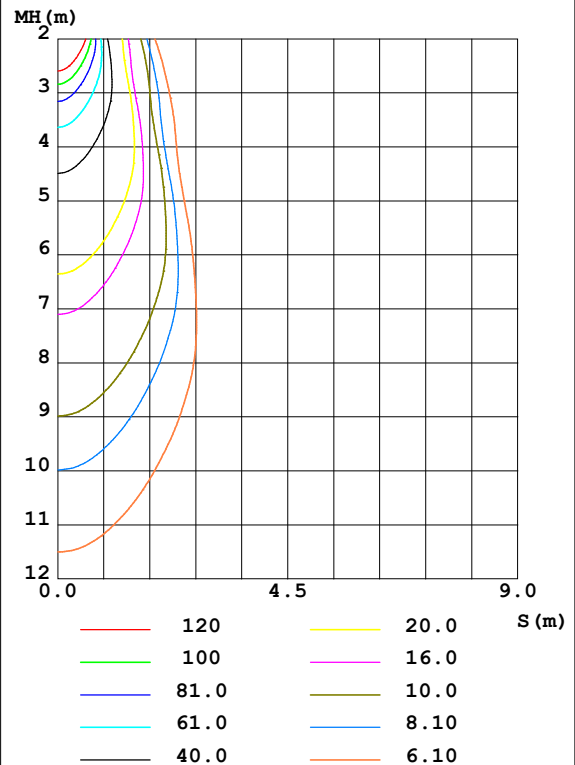
Test:U:24.00V I:0.244A P:5.86W PF:1.000 Freq:0Hz Lamp Flux:551.533x1 lm		
NAME: 22406-4000	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2025122903
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 94.18 lm/W			
MODEL		I _{max} (cd)	806.9	S/MH (C0/180)	0.68
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	0.63
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	551.53	η UP, DN (C0-180)	0.0, 51.5
NOMINAL FLUX (lm)	551.533	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 48.4
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE (V)	24	η down (%)	100.0	CIBSE SHR MAX	0.65

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25DEG
Operators: SENPU
Test Date: 2025-12-29

γ Range: 0 - 100DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Humidity: 61%
Test Distance: 8.000m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

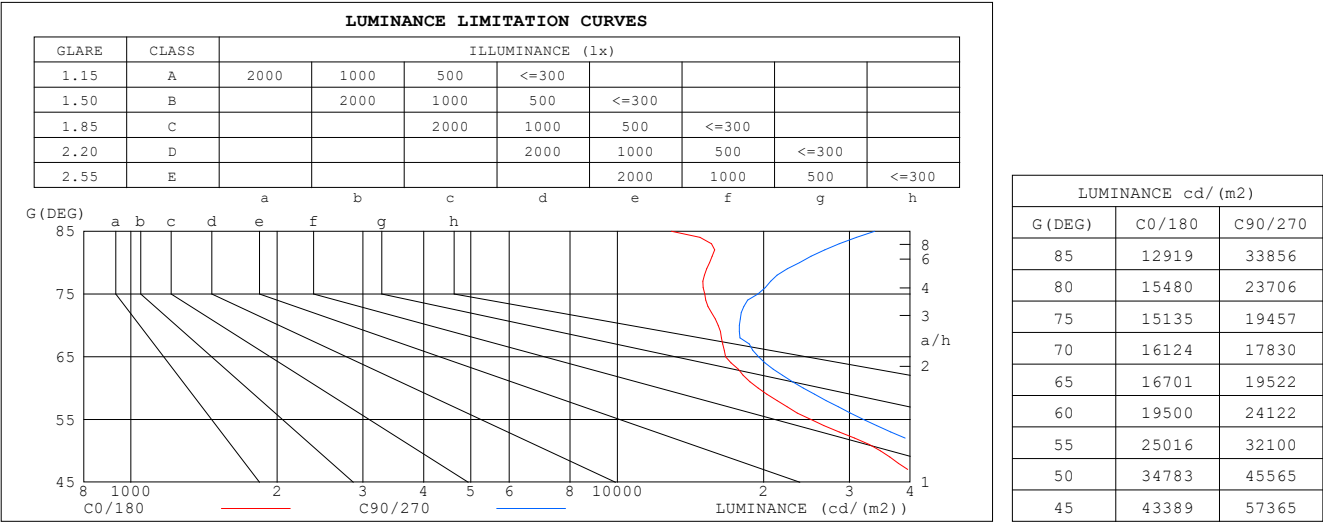
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	659.7	670.5	680.3	696.2	695.9	676.0	662.8	640.6	0- 10	69.97	69.97	12.7,12.7
20	408.2	425.5	439.2	462.7	449.5	411.1	381.4	370.9	10- 20	152.5	222.5	40.3,40.3
30	152.4	168.9	188.4	199.2	191.2	181.5	161.6	152.4	20- 30	126.3	348.9	63.3,63.3
40	80.77	89.49	101.9	117.2	113.6	104.2	94.68	84.26	30- 40	81.36	430.2	78,78
50	42.48	46.86	55.65	67.28	67.60	62.06	48.68	38.86	40- 50	57.64	487.9	88.5,88.5
60	18.53	21.18	22.92	27.45	28.11	24.79	21.13	17.26	50- 60	31.76	519.6	94.2,94.2
70	10.48	10.66	11.59	13.12	13.77	14.45	12.64	11.27	60- 70	16.11	535.7	97.1,97.1
80	5.107	5.152	7.822	9.899	9.826	8.986	7.457	6.190	70- 80	10.66	546.4	99.1,99.1
90	0.3739	0.9783	1.749	2.046	3.505	0.0919	0.0352	0.7837	80- 90	4.930	551.3	100,100
100	0.1597	0.1509	0.1420	0.1420	0.0355	0.0266	0.0089	0.0266	90-100	0.2139	551.5	100,100
110	0	0	0	0	0	0	0	0	100-110	0.0047	551.5	100,100
120	0	0	0	0	0	0	0	0	110-120	0	551.5	100,100
130	0	0	0	0	0	0	0	0	120-130	0	551.5	100,100
140	0	0	0	0	0	0	0	0	130-140	0	551.5	100,100
150	0	0	0	0	0	0	0	0	140-150	0	551.5	100,100
160	0	0	0	0	0	0	0	0	150-160	0	551.5	100,100
170	0	0	0	0	0	0	0	0	160-170	0	551.5	100,100
180	0	0	0	0	0	0	0	0	170-180	0	551.5	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:SENPU
 Test Date:2025-12-29

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
 Humidity:61%
 Test Distance:8.000m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:24.00V I:0.244A P:5.86W PF:1.000 Freq:0Hz Lamp Flux:551.533x1 lm		
NAME: 22406-4000	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2025122903
MFR.:	SUR.:	Shielding Angle:



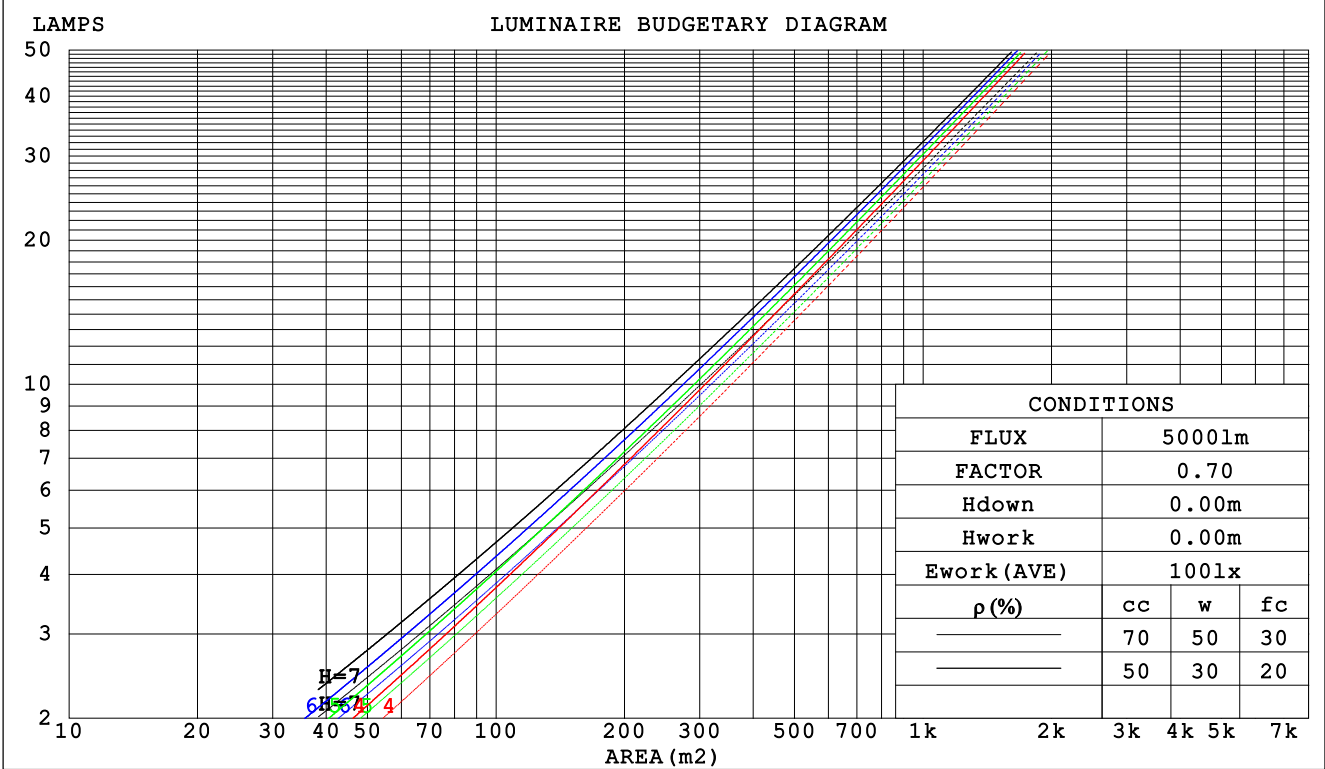
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:SENPU
Test Date:2025-12-29

γ Range: 0 - 100DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Humidity:61%
Test Distance:8.000m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.244A P:5.86W PF:1.000 Freq:0Hz		
Lamp Flux:551.533x1 lm		
NAME: 22406-4000	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2025122903
MFR.:	SUR.:	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	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	1.09	1.06	1.04	1.07	1.04	1.02	1.03	1.01	.99	.99	.97	.96	.96	.94	.93	.91
2.0	1.00	.96	.92	.98	.94	.91	.95	.92	.89	.92	.89	.87	.89	.87	.85	.83
3.0	.93	.87	.82	.91	.86	.82	.88	.84	.80	.86	.82	.79	.84	.81	.78	.76
4.0	.86	.80	.75	.85	.79	.75	.82	.78	.74	.80	.76	.73	.78	.75	.72	.70
5.0	.80	.74	.69	.79	.73	.69	.77	.72	.68	.75	.71	.67	.74	.70	.67	.65
6.0	.75	.68	.64	.74	.68	.64	.73	.67	.63	.71	.66	.63	.70	.65	.62	.61
7.0	.70	.64	.59	.70	.64	.59	.68	.63	.59	.67	.62	.59	.66	.62	.58	.57
8.0	.66	.60	.56	.66	.60	.55	.65	.59	.55	.64	.59	.55	.63	.58	.55	.53
9.0	.63	.56	.52	.62	.56	.52	.61	.56	.52	.60	.55	.52	.59	.55	.52	.50
10.0	.59	.53	.49	.59	.53	.49	.58	.53	.49	.57	.52	.49	.57	.52	.49	.47



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:SENPU
Test Date:2025-12-29

γ Range: 0 - 100DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Humidity:61%
Test Distance:8.000m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:24.00V I:0.244A P:5.86W PF:1.000 Freq:0Hz Lamp Flux:551.533x1 lm		
NAME: 22406-4000	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2025122903
MFR.:	SUR.:	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0	
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
pfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.210	.119	.038	.203	.116	.037	.190	.109	.035	.179	.103	.033	.168	.097	.031		
2.0	.198	.108	.033	.192	.106	.033	.181	.101	.031	.171	.096	.030	.162	.091	.029		
3.0	.185	.099	.030	.180	.097	.029	.171	.093	.028	.162	.089	.027	.154	.085	.026		
4.0	.174	.090	.027	.170	.089	.026	.161	.086	.026	.154	.083	.025	.147	.080	.024		
5.0	.163	.083	.024	.160	.082	.024	.153	.079	.023	.146	.077	.023	.140	.075	.022		
6.0	.154	.077	.022	.151	.076	.022	.145	.074	.022	.139	.072	.021	.133	.070	.021		
7.0	.146	.072	.020	.143	.071	.020	.137	.069	.020	.132	.068	.020	.127	.066	.019		
8.0	.138	.068	.019	.136	.067	.019	.131	.065	.019	.126	.064	.018	.122	.062	.018		
9.0	.131	.063	.018	.129	.063	.018	.125	.062	.017	.120	.060	.017	.116	.059	.017		
10.0	.125	.060	.017	.123	.059	.017	.119	.058	.016	.115	.057	.016	.112	.056	.016		

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients (CCEC)									
0.0	.191	.191	.191	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.174	.157	.143	.149	.135	.123	.102	.093	.085	.059	.054	.049	.019	.017	.016	
2.0	.160	.133	.110	.137	.114	.095	.094	.079	.066	.054	.046	.039	.017	.015	.013	
3.0	.148	.114	.087	.127	.098	.075	.087	.068	.053	.050	.040	.031	.016	.013	.010	
4.0	.139	.100	.070	.119	.086	.061	.082	.060	.043	.047	.035	.025	.015	.011	.008	
5.0	.130	.088	.057	.112	.076	.050	.077	.053	.035	.045	.031	.021	.014	.010	.007	
6.0	.122	.079	.048	.105	.069	.042	.073	.048	.030	.042	.028	.018	.014	.009	.006	
7.0	.116	.072	.041	.100	.062	.036	.069	.044	.025	.040	.026	.015	.013	.008	.005	
8.0	.110	.065	.035	.094	.057	.031	.065	.040	.022	.038	.024	.013	.012	.008	.004	
9.0	.104	.060	.031	.090	.052	.027	.062	.037	.019	.036	.022	.011	.012	.007	.004	
10.0	.099	.056	.027	.086	.048	.023	.059	.034	.017	.035	.020	.010	.011	.007	.003	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:SENPU
Test Date:2025-12-29

γ Range: 0 - 100DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Humidity:61%
Test Distance:8.000m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:24.00V I:0.244A P:5.86W PF:1.000 Freq:0Hz Lamp Flux:551.533x1 lm										
NAME: 22406-4000					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.: 2025122903		
MFR.:					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	21.3	22.4	21.6	22.6	22.7	22.3	23.3	22.5	23.5	23.7
3H	21.8	22.8	22.1	23.0	23.2	22.7	23.7	23.0	23.9	24.1
4H	22.1	23.0	22.4	23.2	23.5	23.0	23.9	23.2	24.1	24.3
6H	22.3	23.2	22.6	23.4	23.7	23.3	24.2	23.6	24.5	24.7
8H	22.4	23.2	22.7	23.5	23.8	23.6	24.4	23.9	24.7	25.0
12H	22.5	23.3	22.8	23.5	23.8	23.9	24.7	24.2	24.9	25.2
4H 2H	21.5	22.5	21.8	22.7	22.9	22.3	23.3	22.6	23.5	23.7
3H	22.2	23.0	22.5	23.3	23.6	22.9	23.7	23.3	24.0	24.3
4H	22.6	23.3	22.9	23.6	23.9	23.3	24.0	23.7	24.3	24.7
6H	22.9	23.5	23.3	23.9	24.2	23.9	24.5	24.2	24.8	25.2
8H	23.0	23.6	23.4	24.0	24.4	24.2	24.8	24.6	25.2	25.5
12H	23.1	23.7	23.6	24.1	24.5	24.6	25.2	25.0	25.6	26.0
8H 4H	22.7	23.3	23.1	23.6	24.0	23.4	24.0	23.8	24.3	24.7
6H	23.1	23.6	23.6	24.0	24.4	24.1	24.6	24.5	25.0	25.4
8H	23.4	23.8	23.8	24.2	24.7	24.6	25.0	25.0	25.4	25.9
12H	23.5	23.9	24.0	24.3	24.8	25.2	25.6	25.6	26.0	26.5
12H 4H	22.7	23.2	23.1	23.6	24.0	23.4	23.9	23.8	24.3	24.7
6H	23.2	23.6	23.6	24.0	24.5	24.1	24.5	24.5	25.0	25.4
8H	23.5	23.8	23.9	24.3	24.8	24.6	25.0	25.1	25.5	25.9
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.7 / - 0.9					+ 0.6 / - 0.7				
1.5H	+ 0.7 / - 0.6					+ 0.7 / - 0.6				
2.0H	+ 1.3 / - 1.1					+ 1.6 / - 1.0				

CIE Pub.117, 551.5 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = -2.1$)
Area: 0.0019 m²

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:SENPU
Test Date:2025-12-29

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Humidity:61%
Test Distance:8.000m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:24.00V I:0.244A P:5.86W PF:1.000 Freq:0Hz Lamp Flux:551.533x1 lm		
NAME: 22406-4000	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2025122903
MFR.:	SUR.:	Shielding Angle:

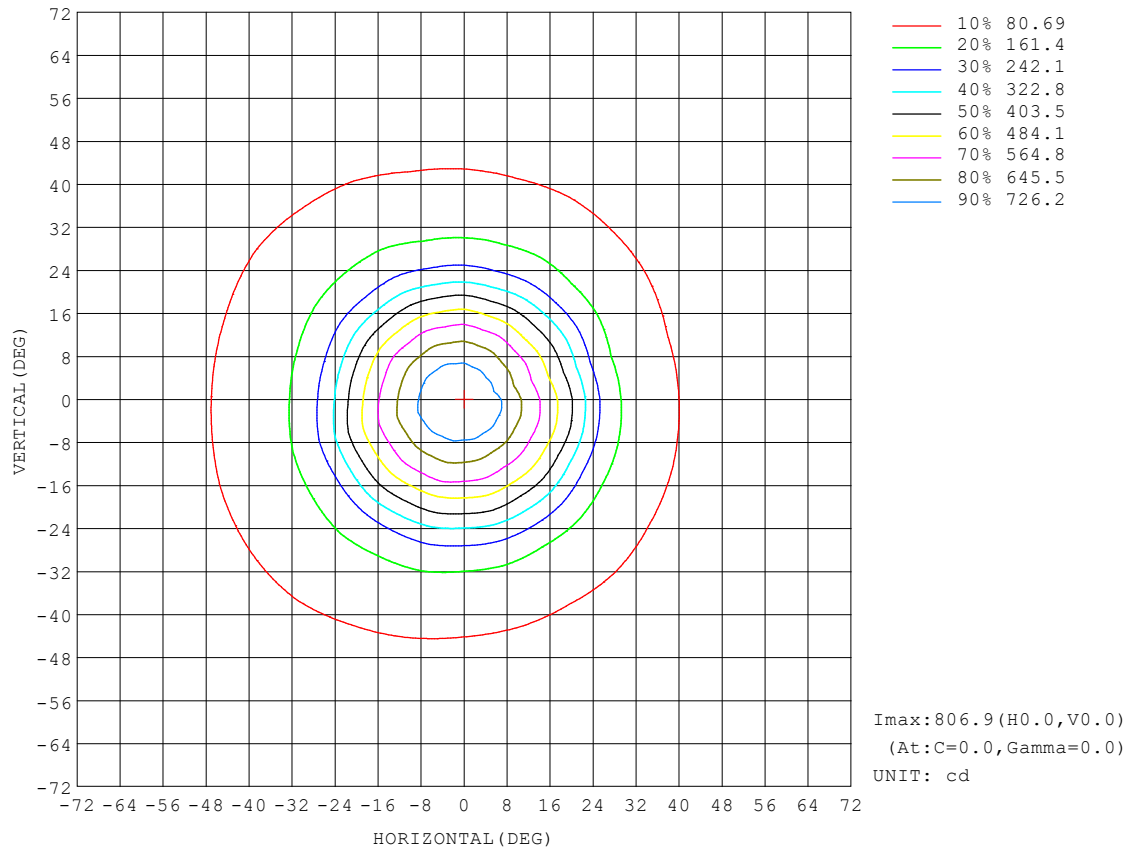
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	78	70	65	77	70	65	76	69	65	60
0.80	86	79	74	85	78	74	84	78	73	69
1.00	92	85	80	91	84	80	89	85	79	75
1.25	97	90	86	96	90	86	94	89	85	80
1.50	101	94	90	99	94	89	97	92	88	83
2.00	105	99	95	103	98	94	100	96	93	87
2.50	107	102	98	105	101	97	102	98	95	89
3.00	109	104	101	107	103	100	103	100	98	91
4.00	111	108	105	109	106	103	105	103	101	93
5.00	113	110	107	111	108	106	107	105	103	95
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: 25DEG
 Operators: SENPU
 Test Date: 2025-12-29

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.444
 Humidity: 61%
 Test Distance: 8.000m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:24.00V I:0.244A P:5.86W PF:1.000 Freq:0Hz Lamp Flux:551.533x1 lm		
NAME: 22406-4000	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2025122903
MFR.:	SUR.:	Shielding Angle:

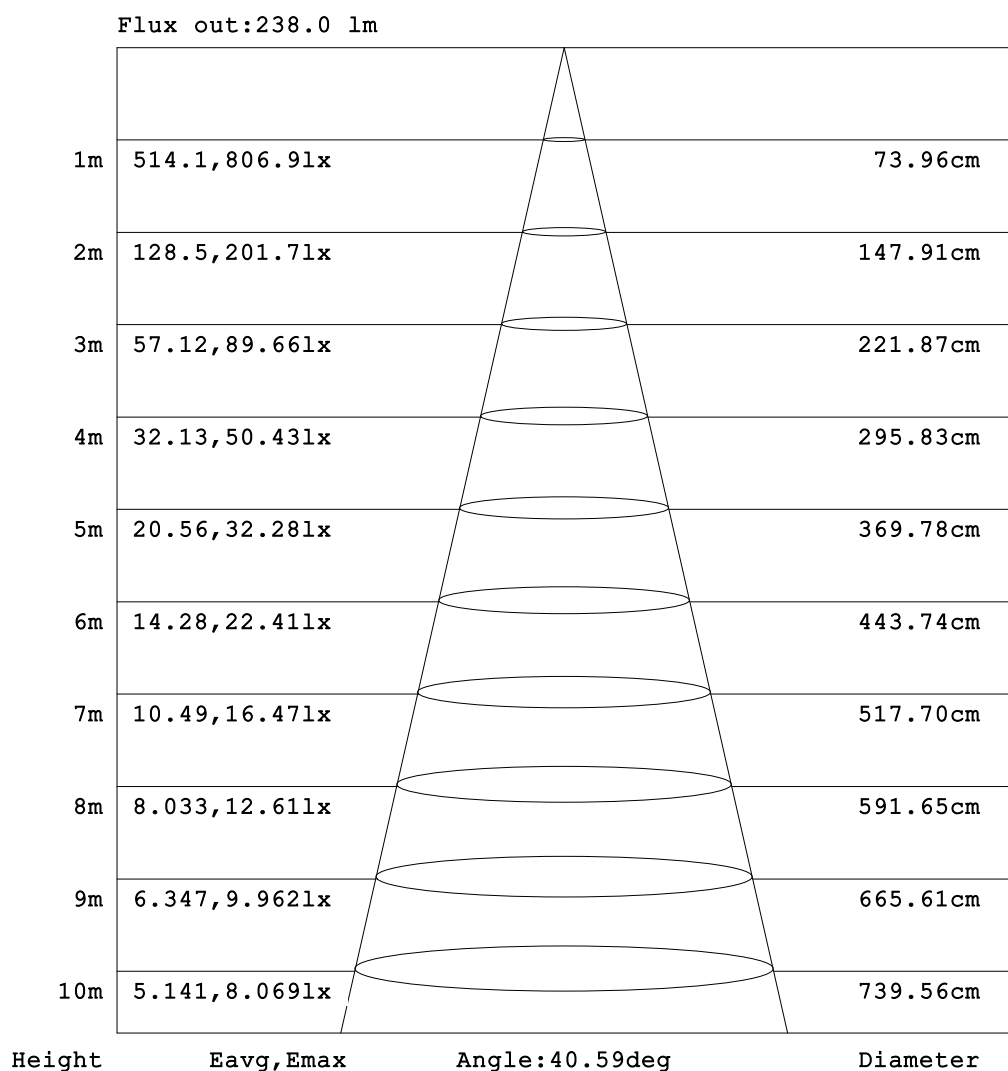


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:SENPU
Test Date:2025-12-29

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Humidity:61%
Test Distance:8.000m [K=1.0000]
Remarks:

AAI Figure

Test:U:24.00V I:0.244A P:5.86W PF:1.000 Freq:0Hz Lamp Flux:551.533x1 lm		
NAME: 22406-4000	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2025122903
MFR.:	SUR.:	Shielding Angle:



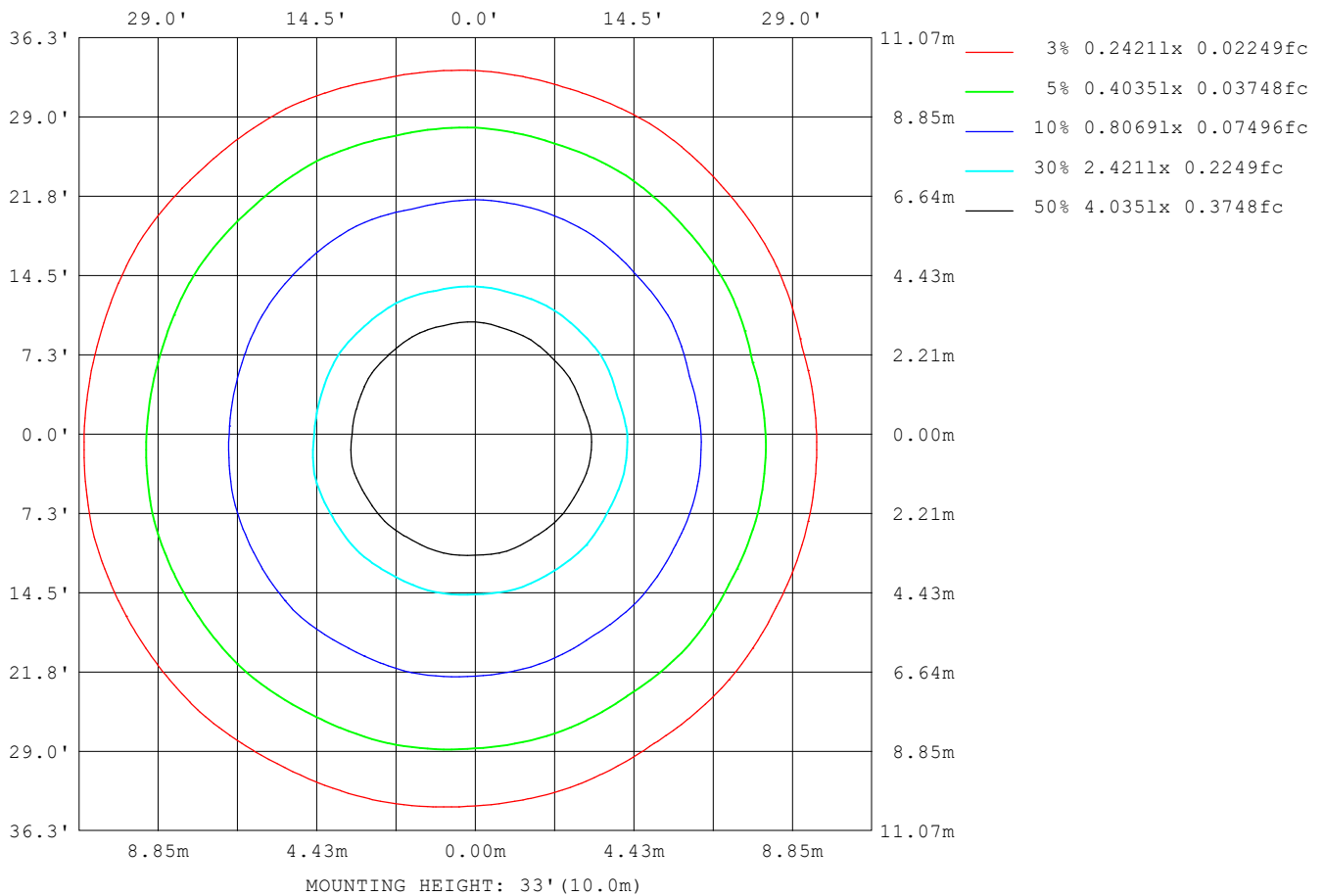
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25DEG
Operators: SENPU
Test Date: 2025-12-29

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Humidity: 61%
Test Distance: 8.000m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:24.00V I:0.244A P:5.86W PF:1.000 Freq:0Hz Lamp Flux:551.533x1 lm		
NAME: 22406-4000	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2025122903
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25DEG
Operators: SENPU
Test Date: 2025-12-29

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Humidity: 61%
Test Distance: 8.000m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:24.00V I:0.244A P:5.86W PF:1.000 Freq:0Hz Lamp Flux:551.533x1 lm		
NAME: 22406-4000	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2025122903
MFR.:	SUR.:	Shielding Angle:

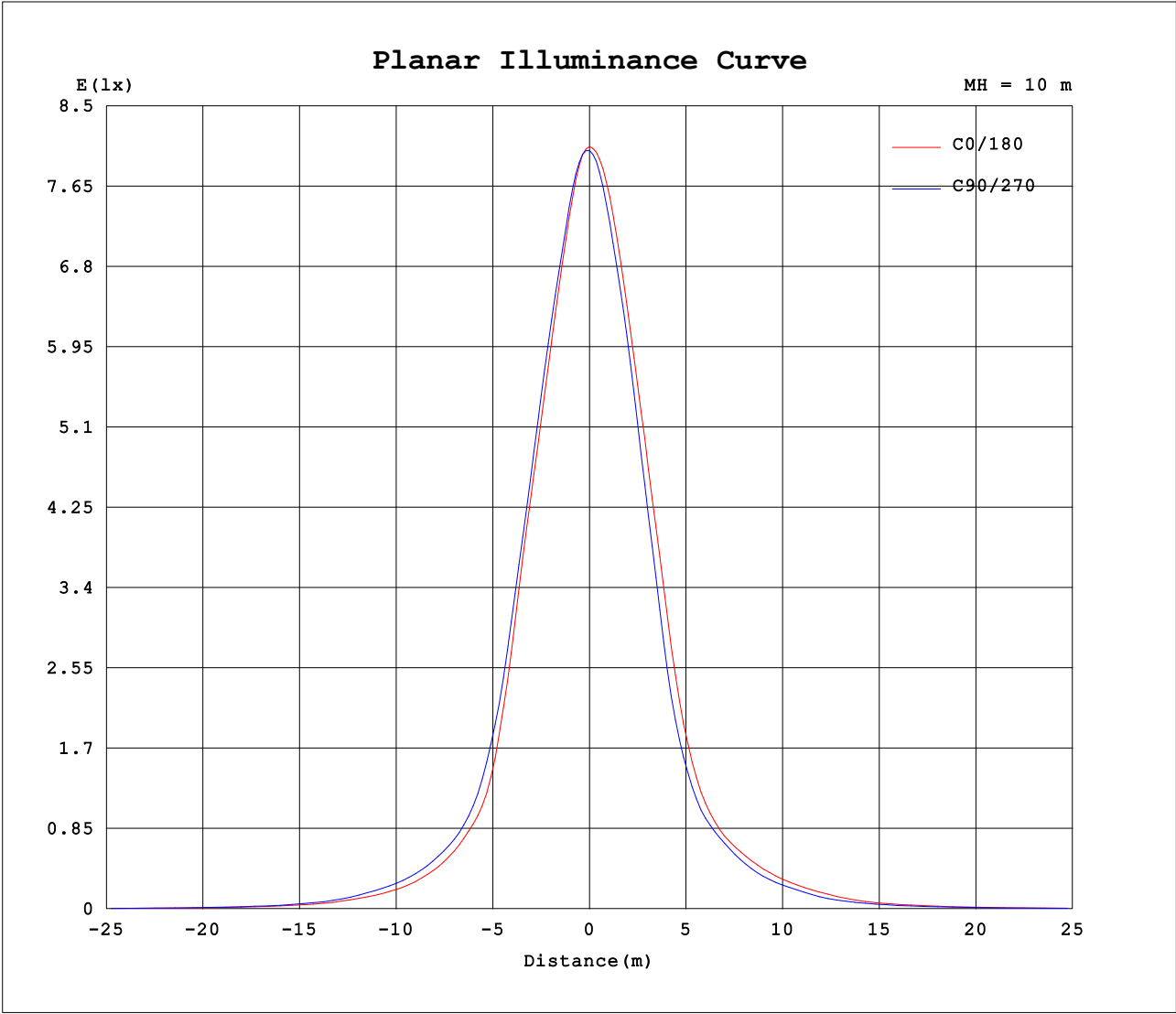
AvgL	cd/m2
L_0~180 (65) av	19930
L_0~180 (75) av	20792
L_0~180 (85) av	27178
L_90~270 (65) av	19061
L_90~270 (75) av	20109
L_90~270 (85) av	29561
L_45 (65) av	19473
L_45 (75) av	20780
L_45 (85) av	29013

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:SENPU
Test Date:2025-12-29

γ Range: 0 - 100DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Humidity:61%
Test Distance:8.000m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:SENPU
Test Date:2025-12-29

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Humidity:61%
Test Distance:8.000m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.244A P:5.86W PF:1.000 Freq:0Hz Lamp Flux:551.533x1 lm		
NAME: 22406-4000	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2025122903
MFR.:	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	807	806	806	805	804	802	803	802	802	801	802	801	807	806	806	805	804	802	803
5	761	767	765	769	767	772	771	776	775	780	779	783	779	774	774	766	766	756	755
10	660	668	665	671	669	678	680	688	688	696	697	705	696	689	686	676	675	664	663
15	543	552	549	557	556	569	571	584	583	592	589	599	584	572	574	555	551	533	534
20	408	419	413	426	426	440	439	450	450	463	462	472	449	437	431	411	405	386	381
25	250	258	261	279	284	293	293	307	308	320	315	320	296	286	285	269	262	244	241
30	152	158	160	169	172	184	188	200	197	199	196	203	191	187	189	181	179	164	162
35	111	115	116	122	123	130	134	141	144	150	148	146	140	137	137	133	132	125	126
40	80.8	83.3	84.6	89.5	91.5	98.0	102	108	111	117	118	118	114	109	107	104	102	96.7	94.7
45	58.3	59.8	61.6	65.6	67.9	73.3	77.1	82.0	85.4	90.2	91.4	91.9	89.3	86.6	85.9	81.6	79.3	73.7	71.4
50	42.5	42.7	43.5	46.9	49.8	53.6	55.6	60.4	62.5	67.3	69.3	70.9	67.6	65.5	65.8	62.1	57.6	53.3	48.7
55	27.3	30.0	31.3	34.6	33.8	34.8	35.0	37.6	39.2	42.2	43.2	45.1	42.3	40.8	40.6	37.6	36.4	32.9	31.5
60	18.5	19.6	20.1	21.2	21.3	22.2	22.9	24.5	25.6	27.5	28.3	29.6	28.1	26.9	26.5	24.8	24.0	22.0	21.1
65	13.4	14.0	14.3	14.6	14.9	15.4	15.7	16.5	17.0	18.1	18.8	19.4	18.6	18.2	18.1	16.9	16.5	15.3	14.9
70	10.5	10.6	10.8	10.7	10.6	11.2	11.6	12.0	12.4	13.1	13.4	13.8	13.8	14.6	14.7	14.4	14.2	13.7	12.6
75	7.44	7.52	7.36	7.56	7.89	8.60	9.57	10.1	11.2	12.0	12.4	13.4	13.0	13.2	12.8	12.1	11.4	11.1	10.2
80	5.11	4.80	4.90	5.15	6.06	6.81	7.82	8.48	8.94	9.90	10.5	10.4	9.83	9.73	9.51	8.99	8.51	7.98	7.46
85	2.14	2.13	2.40	3.44	4.56	5.22	5.61	6.18	6.39	7.07	7.47	7.55	6.86	6.59	6.28	5.97	4.51	3.45	4.18
90	0.37	0.27	0.41	0.98	1.56	1.93	1.75	1.62	1.32	2.05	2.65	4.53	3.51	0.75	0.10	0.09	0.03	0.09	0.04
95	0.17	0.16	0.14	0.14	0.13	0.13	0.15	0.13	0.13	0.14	0.15	0.16	0.88	0.18	0.04	0.04	0.03	0.04	0.01
100	0.16	0.15	0.14	0.15	0.14	0.14	0.14	0.14	0.13	0.14	0.15	0.15	0.04	0.05	0.04	0.03	0.03	0.04	0.01
105	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
110	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
115	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
120	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
125	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
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	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	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	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	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	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	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	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	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	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	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	0.00	0.00	0.00

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:SENPU
Test Date:2025-12-29

γ Range: 0 - 100DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Humidity:61%
Test Distance:8.000m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.244A P:5.86W PF:1.000 Freq:0Hz Lamp Flux:551.533x1 lm		
NAME: 22406-4000	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2025122903
MFR.:	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345													
0	802	802	801	802	801													
5	747	747	740	743	740													
10	652	651	641	642	636													
15	516	518	507	517	515													
20	368	374	371	379	377													
25	229	235	230	235	224													
30	158	159	152	153	146													
35	122	119	113	112	106													
40	90.1	88.5	84.3	82.1	77.6													
45	68.1	67.1	63.2	61.0	57.1													
50	43.3	41.7	38.9	41.2	39.6													
55	28.6	27.4	25.1	25.1	24.1													
60	19.2	18.7	17.3	17.0	16.9													
65	13.8	13.3	12.9	12.8	12.6													
70	12.0	11.7	11.3	10.7	9.94													
75	9.75	9.51	9.19	9.34	7.98													
80	6.91	6.46	6.19	5.79	5.62													
85	3.74	3.22	2.74	2.42	2.00													
90	0.27	0.94	0.78	0.04	0.08													
95	0.03	0.02	0.03	0.02	0.03													
100	0.02	0.02	0.03	0.02	0.03													
105	0.00	0.00	0.00	0.00	0.00													
110	0.00	0.00	0.00	0.00	0.00													
115	0.00	0.00	0.00	0.00	0.00													
120	0.00	0.00	0.00	0.00	0.00													
125	0.00	0.00	0.00	0.00	0.00													
130	0.00	0.00	0.00	0.00	0.00													
135	0.00	0.00	0.00	0.00	0.00													
140	0.00	0.00	0.00	0.00	0.00													
145	0.00	0.00	0.00	0.00	0.00													
150	0.00	0.00	0.00	0.00	0.00													
155	0.00	0.00	0.00	0.00	0.00													
160	0.00	0.00	0.00	0.00	0.00													
165	0.00	0.00	0.00	0.00	0.00													
170	0.00	0.00	0.00	0.00	0.00													
175	0.00	0.00	0.00	0.00	0.00													
180	0.00	0.00	0.00	0.00	0.00													

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:SENPU
 Test Date:2025-12-29

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
 Humidity:61%
 Test Distance:8.000m [K=1.0000]
 Remarks: