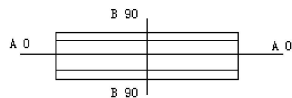
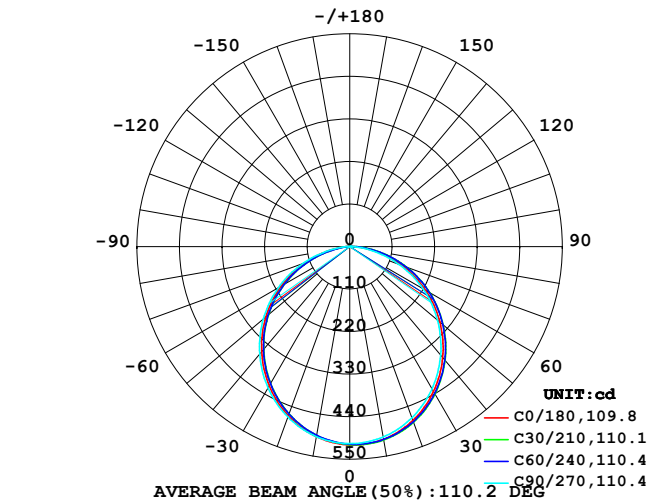


LUMINAIRE PHOTOMETRIC TEST REPORT

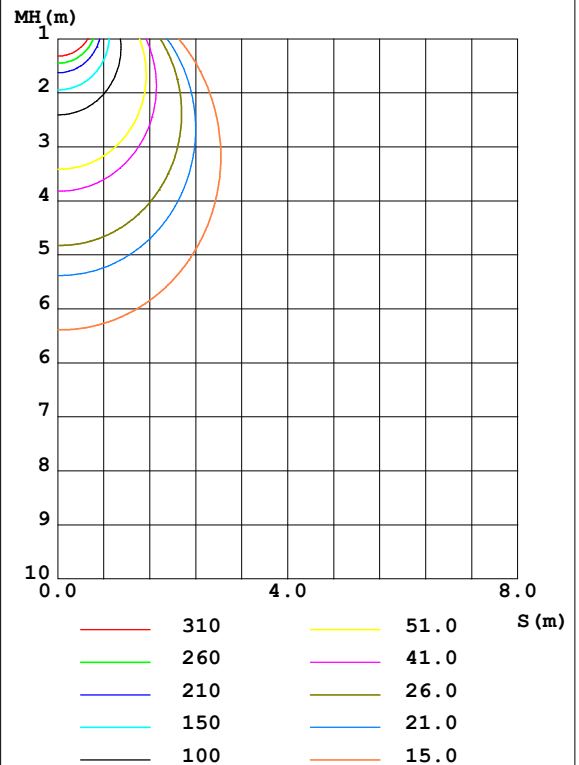
Test:U:24.00V I:0.812A P:19.44W PF:1.000 Freq:0Hz Lamp Flux:1424.86x1 lm		
NAME: 65131	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2025060302
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 73.30 lm/W			
MODEL		I _{max} (cd)	513.7	S/MH (C0/180)	1.21
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	1.24
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	1424.9	η UP,DN (C0-180)	0.1,49.4
NOMINAL FLUX (lm)	1424.86	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.1,50.4
LAMPS INSIDE	1	η up (%)	0.2	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	24	η down (%)	99.8	CIBSE SHR MAX	1.35

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: 2025-06-03

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	505.8	508.2	499.9	490.5	499.0	494.0	499.0	508.1	0- 10	48.24	48.24	3.39,3.39
20	478.3	484.4	470.9	452.9	465.6	458.2	469.0	486.3	10- 20	137.6	185.8	13,13
30	433.2	442.8	425.2	400.7	416.1	406.1	422.2	446.0	20- 30	206.9	392.7	27.6,27.6
40	374.3	386.0	365.9	336.3	354.2	342.9	362.1	391.5	30- 40	247.4	640.1	44.9,44.9
50	304.7	318.0	296.5	263.1	283.2	270.5	291.9	324.7	40- 50	254.6	894.7	62.8,62.8
60	227.1	241.4	219.1	183.4	205.1	190.8	213.6	249.5	50- 60	228.7	1123	78.8,78.8
70	144.3	158.9	136.1	100.5	123.1	106.9	129.8	167.4	60- 70	173.3	1297	91,91
80	62.49	75.33	53.96	26.68	44.82	30.66	47.47	83.20	70- 80	97.80	1395	97.9,97.9
90	5.722	10.55	3.942	2.693	2.111	1.249	1.420	14.23	80- 90	27.39	1422	99.8,99.8
100	0.6799	2.571	3.722	2.719	0.3922	1.002	1.107	1.177	90-100	2.879	1425	100,100
110	0	0	0	0	0	0	0	0	100-110	0.0903	1425	100,100
120	0	0	0	0	0	0	0	0	110-120	0	1425	100,100
130	0	0	0	0	0	0	0	0	120-130	0	1425	100,100
140	0	0	0	0	0	0	0	0	130-140	0	1425	100,100
150	0	0	0	0	0	0	0	0	140-150	0	1425	100,100
160	0	0	0	0	0	0	0	0	150-160	0	1425	100,100
170	0	0	0	0	0	0	0	0	160-170	0	1425	100,100
180	0	0	0	0	0	0	0	0	170-180	0	1425	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 768.6 lm

%lum = 53.9%

%lamp = 53.9%

Conical surface Flux(120deg): 1123.4 lm

%lum = 78.8%

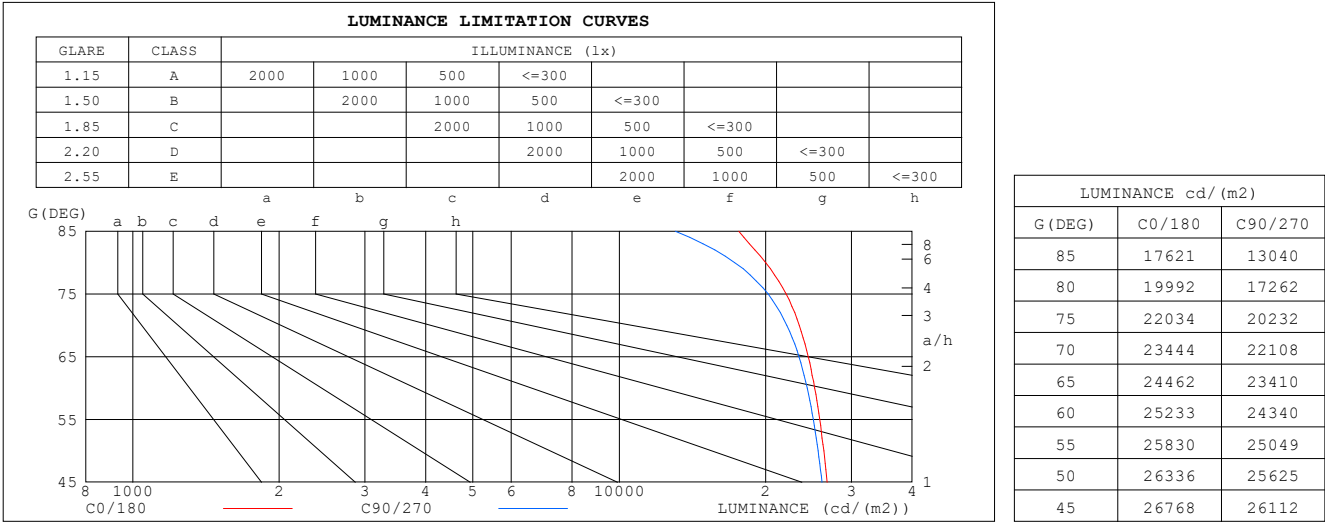
%lamp = 78.8%

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:SENPU
 Test Date:2025-06-03

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:0.812A P:19.44W PF:1.000 Freq:0Hz Lamp Flux:1424.86x1 lm		
NAME: 65131	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2025060302
MFR.:	SUR.:	Shielding Angle:



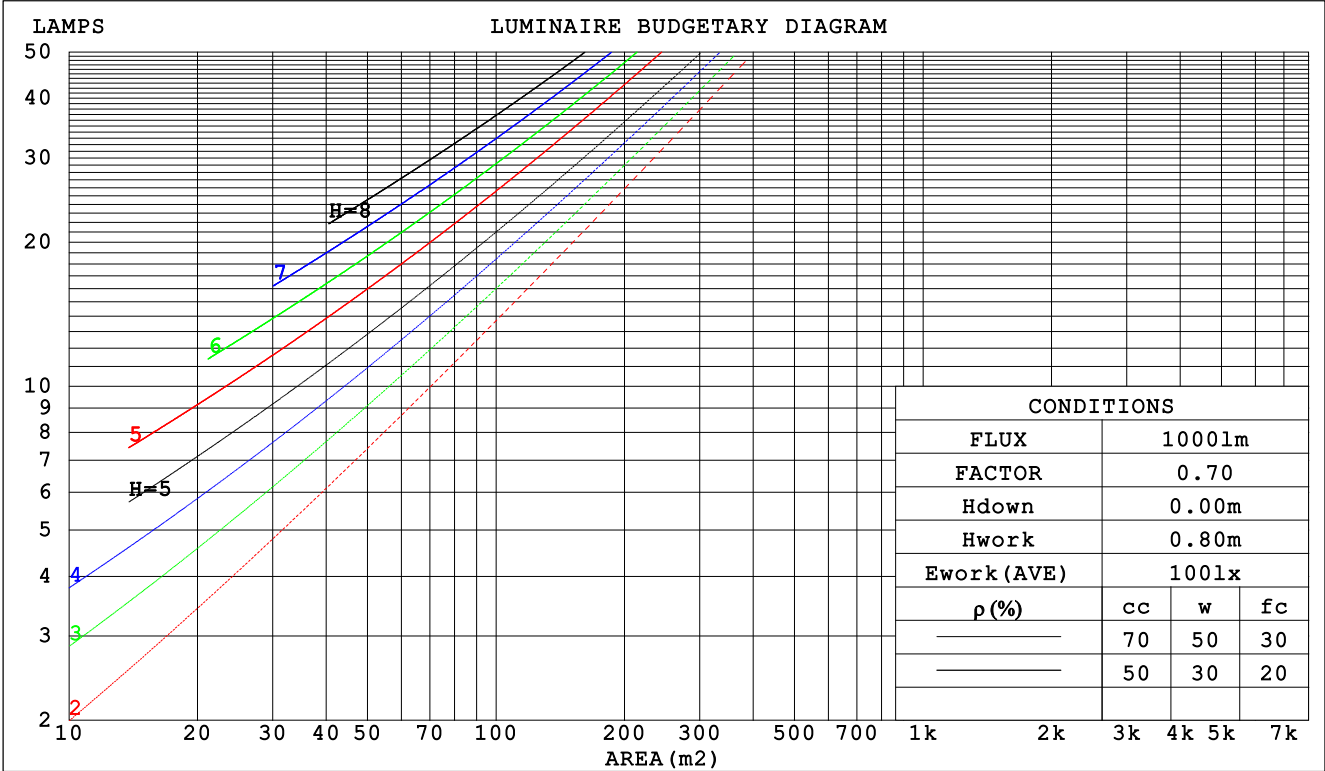
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:SENPU
Test Date:2025-06-03

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:0.812A P:19.44W PF:1.000 Freq:0Hz		
Lamp Flux:1424.86x1 lm		
NAME: 65131	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2025060302
MFR.:	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	1.04	.00	.96	1.02	.98	.94	.97	.94	.91	.93	.91	.88	.90	.88	.86	.84
2.0	.91	.84	.78	.89	.82	.77	.85	.80	.75	.82	.77	.73	.79	.75	.72	.70
3.0	.79	.71	.65	.78	.70	.64	.75	.68	.63	.72	.67	.62	.69	.65	.61	.59
4.0	.70	.62	.55	.69	.61	.54	.67	.59	.54	.64	.58	.53	.62	.57	.52	.50
5.0	.63	.54	.47	.62	.53	.47	.60	.52	.46	.58	.51	.46	.56	.50	.45	.43
6.0	.57	.48	.41	.56	.47	.41	.54	.46	.41	.52	.45	.40	.51	.45	.40	.38
7.0	.51	.43	.36	.51	.42	.36	.49	.41	.36	.47	.41	.36	.46	.40	.35	.33
8.0	.47	.38	.32	.46	.38	.32	.45	.37	.32	.44	.37	.32	.42	.36	.32	.30
9.0	.43	.35	.29	.42	.35	.29	.41	.34	.29	.40	.34	.29	.39	.33	.29	.27
10.0	.40	.32	.26	.39	.32	.26	.38	.31	.26	.37	.31	.26	.36	.30	.26	.24



C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature:25DEG

Operators:SENPU

Test Date:2025-06-03

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:0.812A P:19.44W PF:1.000 Freq:0Hz Lamp Flux:1424.86x1 lm		
NAME: 65131	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2025060302
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	.309	.176	.056	.302	.172	.055	.288	.165	.053	.276	.159	.051	.265	.153	.049		
2.0	.291	.159	.049	.284	.157	.048	.272	.152	.047	.262	.147	.046	.252	.142	.045		
3.0	.269	.143	.043	.263	.141	.042	.253	.137	.042	.243	.133	.041	.234	.130	.040		
4.0	.248	.129	.038	.243	.127	.038	.234	.124	.037	.226	.121	.037	.218	.118	.036		
5.0	.230	.117	.034	.225	.116	.034	.217	.113	.033	.209	.110	.033	.202	.108	.032		
6.0	.213	.107	.031	.209	.106	.030	.202	.103	.030	.195	.101	.030	.189	.099	.029		
7.0	.198	.098	.028	.195	.097	.028	.188	.095	.027	.182	.093	.027	.176	.092	.027		
8.0	.185	.090	.025	.182	.090	.025	.176	.088	.025	.171	.086	.025	.166	.085	.025		
9.0	.174	.084	.023	.171	.083	.023	.166	.082	.023	.161	.080	.023	.156	.079	.023		
10.0	.163	.078	.022	.161	.078	.022	.156	.076	.022	.151	.075	.021	.147	.074	.021		

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	.192	.192	.192	.164	.164	.164	.112	.112	.112	.064	.064	.064	.021	.021	.021	
1.0	.182	.158	.136	.156	.135	.117	.106	.093	.081	.061	.054	.047	.020	.017	.015	
2.0	.174	.134	.100	.149	.115	.086	.102	.080	.060	.059	.046	.035	.019	.015	.011	
3.0	.166	.116	.076	.142	.100	.066	.098	.069	.046	.056	.041	.027	.018	.013	.009	
4.0	.158	.103	.060	.136	.089	.052	.093	.062	.037	.054	.036	.022	.017	.012	.007	
5.0	.151	.092	.049	.130	.080	.043	.089	.056	.030	.052	.033	.018	.017	.011	.006	
6.0	.144	.084	.041	.123	.073	.036	.085	.051	.025	.049	.030	.015	.016	.010	.005	
7.0	.137	.077	.035	.118	.067	.030	.081	.047	.022	.047	.028	.013	.015	.009	.004	
8.0	.130	.071	.030	.112	.062	.027	.078	.043	.019	.045	.026	.011	.015	.008	.004	
9.0	.124	.066	.027	.107	.057	.023	.074	.040	.017	.043	.024	.010	.014	.008	.003	
10.0	.119	.062	.024	.102	.054	.021	.071	.038	.015	.041	.022	.009	.013	.007	.003	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:SENPU
Test Date:2025-06-03

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:0.812A P:19.44W PF:1.000 Freq:0Hz Lamp Flux:1424.86x1 lm										
NAME: 65131					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.: 2025060302		
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	24.5	26.0	24.8	26.2	26.4	24.4	25.9	24.7	26.1	26.3
3H	26.1	27.5	26.4	27.7	27.9	26.0	27.4	26.3	27.6	27.8
4H	26.7	28.0	27.0	28.3	28.5	26.6	27.9	26.9	28.1	28.4
6H	27.2	28.4	27.5	28.7	29.0	27.0	28.2	27.3	28.5	28.8
8H	27.3	28.5	27.7	28.8	29.1	27.1	28.3	27.4	28.6	28.9
12H	27.4	28.6	27.8	28.9	29.2	27.1	28.3	27.5	28.6	28.9
4H 2H	25.2	26.5	25.5	26.8	27.0	25.1	26.5	25.4	26.7	27.0
3H	27.0	28.1	27.3	28.4	28.7	26.9	28.1	27.2	28.4	28.7
4H	27.8	28.8	28.1	29.1	29.5	27.6	28.7	28.0	29.0	29.4
6H	28.4	29.3	28.8	29.7	30.0	28.2	29.1	28.6	29.5	29.9
8H	28.6	29.4	29.0	29.8	30.2	28.4	29.2	28.8	29.6	30.0
12H	28.7	29.5	29.1	29.9	30.3	28.5	29.3	28.9	29.7	30.1
8H 4H	28.1	29.0	28.5	29.4	29.7	28.0	28.9	28.4	29.3	29.6
6H	28.9	29.6	29.3	30.0	30.5	28.8	29.5	29.2	29.9	30.3
8H	29.2	29.9	29.7	30.3	30.7	29.0	29.7	29.5	30.1	30.6
12H	29.5	30.0	29.9	30.5	30.9	29.2	29.8	29.7	30.2	30.7
12H 4H	28.1	28.9	28.6	29.3	29.7	28.0	28.8	28.5	29.2	29.6
6H	29.0	29.6	29.5	30.1	30.5	28.9	29.5	29.3	29.9	30.4
8H	29.4	29.9	29.8	30.4	30.9	29.2	29.7	29.7	30.2	30.7
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.1 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.4				
2.0H	+ 0.1 / - 0.4					+ 0.2 / - 0.5				

CIE Pub.117, 1425 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 1.2$)
Area: 0.018 m²

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:SENPU
Test Date:2025-06-03

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:0.812A P:19.44W PF:1.000 Freq:0Hz Lamp Flux:1424.86x1 lm		
NAME: 65131	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2025060302
MFR.:	SUR.:	Shielding Angle:

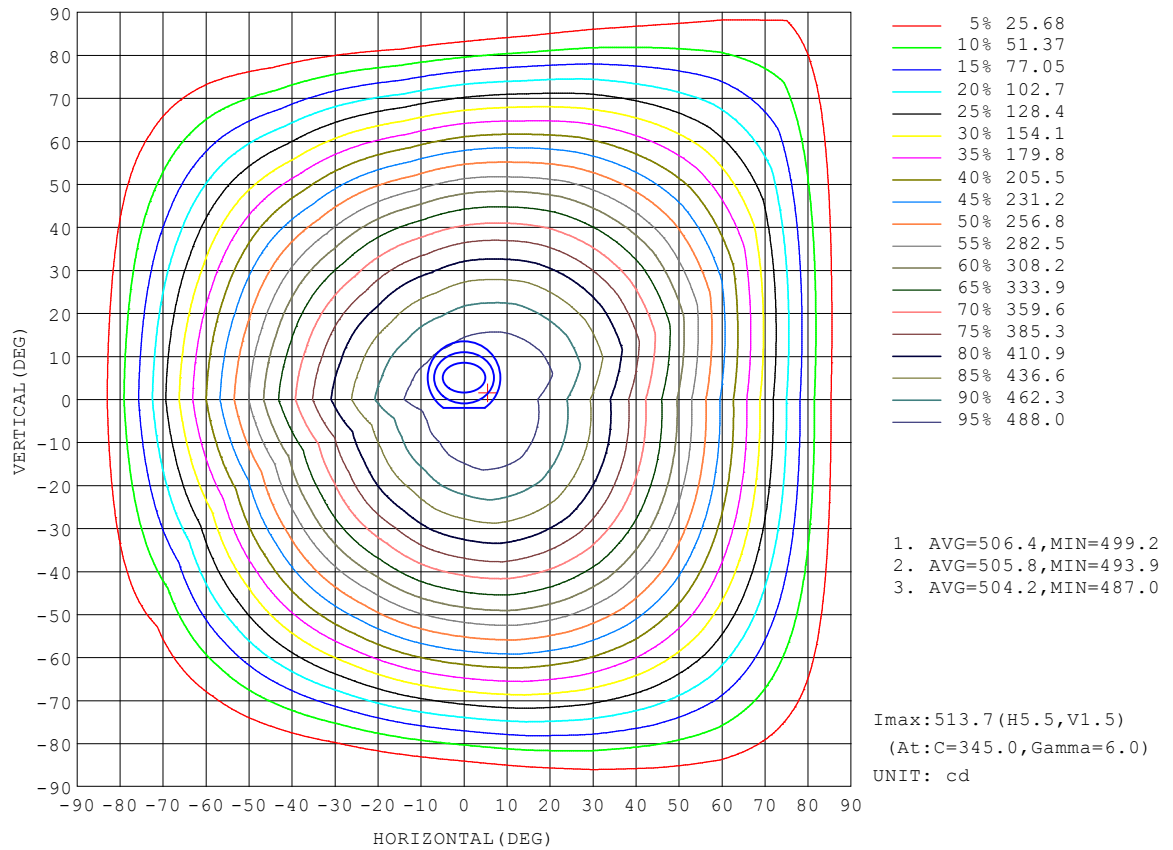
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	58	46	39	57	46	39	56	45	39	32
0.80	68	56	49	67	56	49	65	55	48	41
1.00	76	65	58	75	64	57	73	66	57	50
1.25	83	73	66	82	72	65	79	71	64	57
1.50	88	78	71	86	77	71	83	76	70	62
2.00	95	86	80	93	85	79	90	83	78	70
2.50	99	91	85	97	90	84	93	87	82	74
3.00	102	95	90	100	94	89	96	91	87	78
4.00	106	101	96	104	99	94	100	95	92	83
5.00	109	104	100	106	102	98	102	98	95	86
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: 2025-06-03

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:0.812A P:19.44W PF:1.000 Freq:0Hz Lamp Flux:1424.86x1 lm		
NAME: 65131	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2025060302
MFR.:	SUR.:	Shielding Angle:

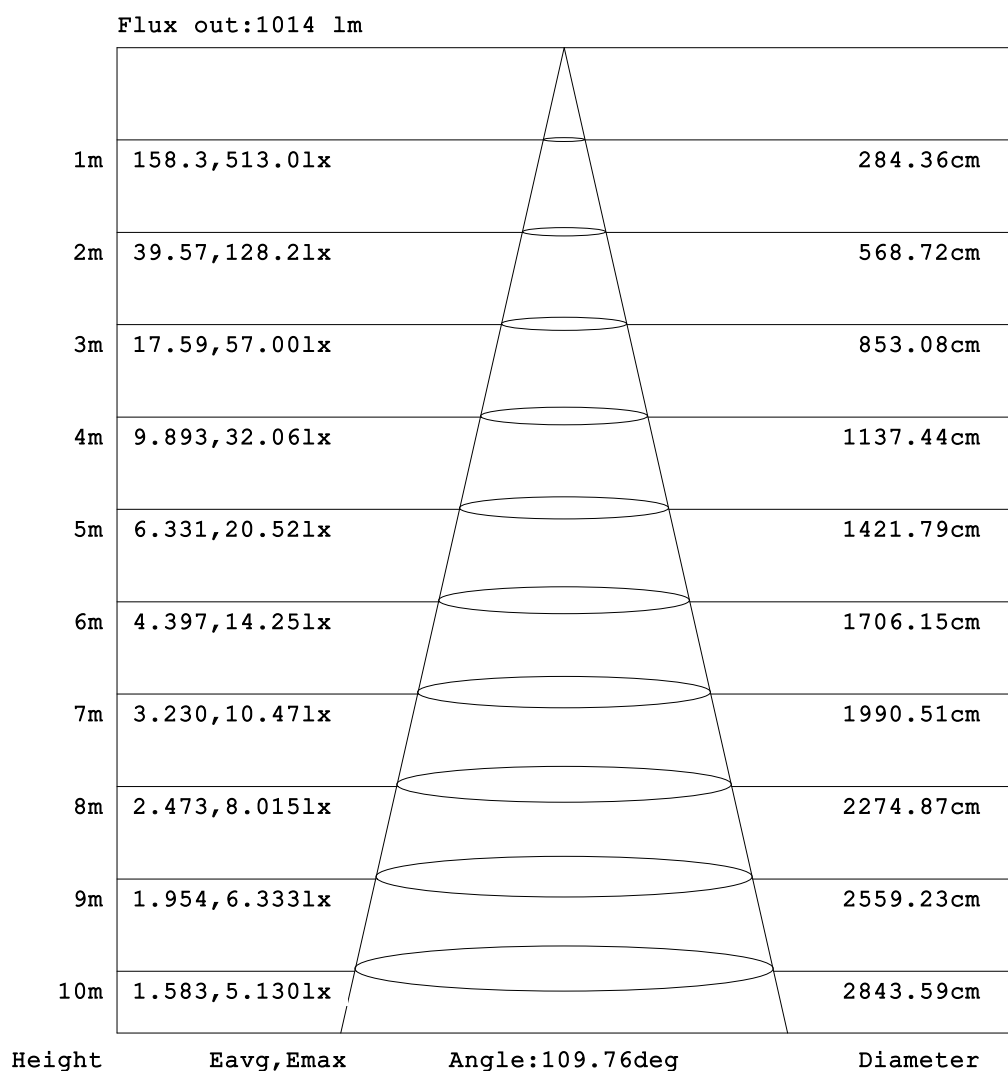


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:SENPU
Test Date:2025-06-03

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:0.812A P:19.44W PF:1.000 Freq:0Hz Lamp Flux:1424.86x1 lm		
NAME: 65131	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2025060302
MFR.:	SUR.:	Shielding Angle:



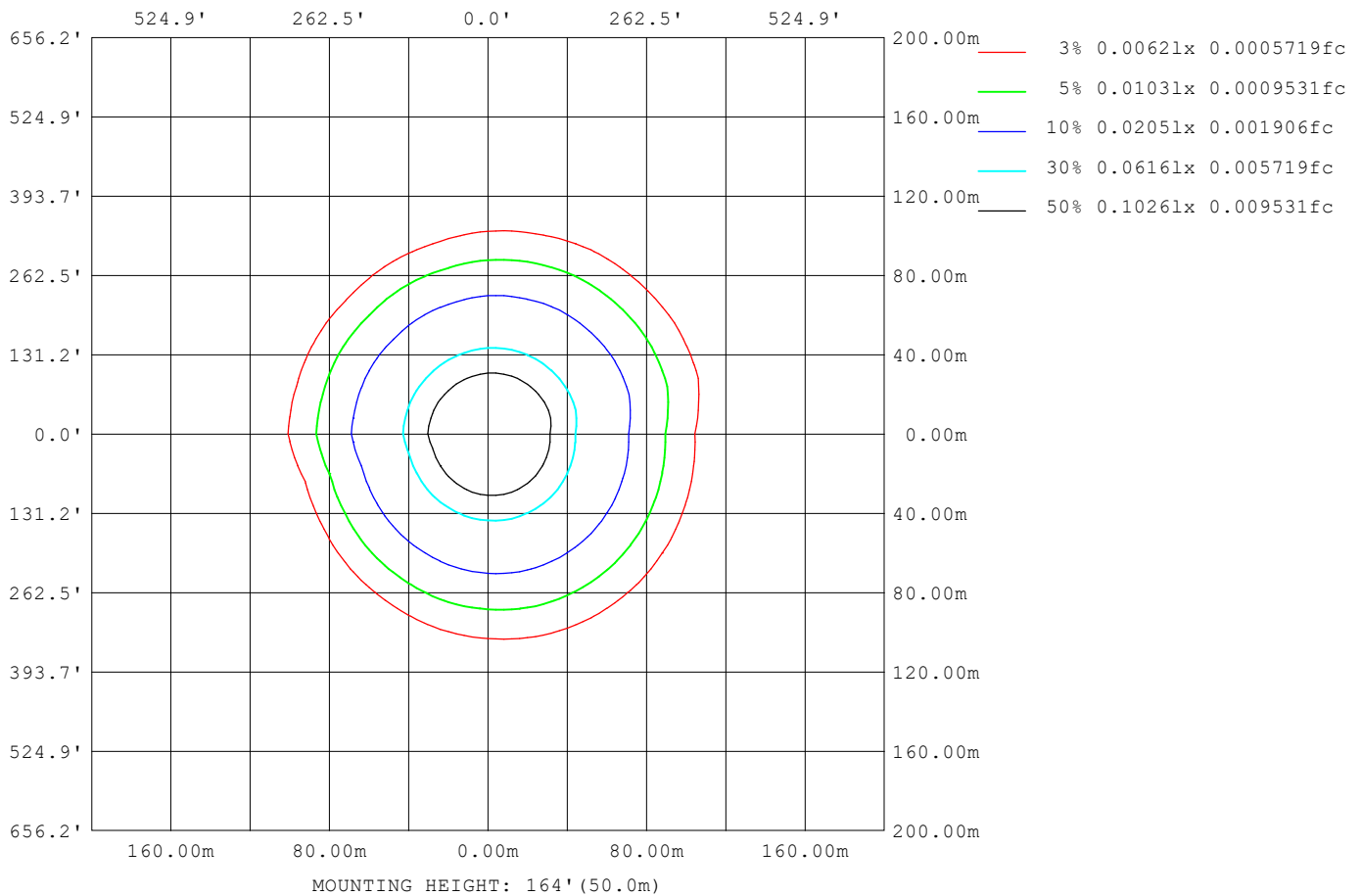
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:SENPU
Test Date:2025-06-03

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:0.812A P:19.44W PF:1.000 Freq:0Hz Lamp Flux:1424.86x1 lm		
NAME: 65131	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2025060302
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25DEG
Operators: SENPU
Test Date: 2025-06-03

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:0.812A P:19.44W PF:1.000 Freq:0Hz Lamp Flux:1424.86x1 lm		
NAME: 65131	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2025060302
MFR.:	SUR.:	Shielding Angle:

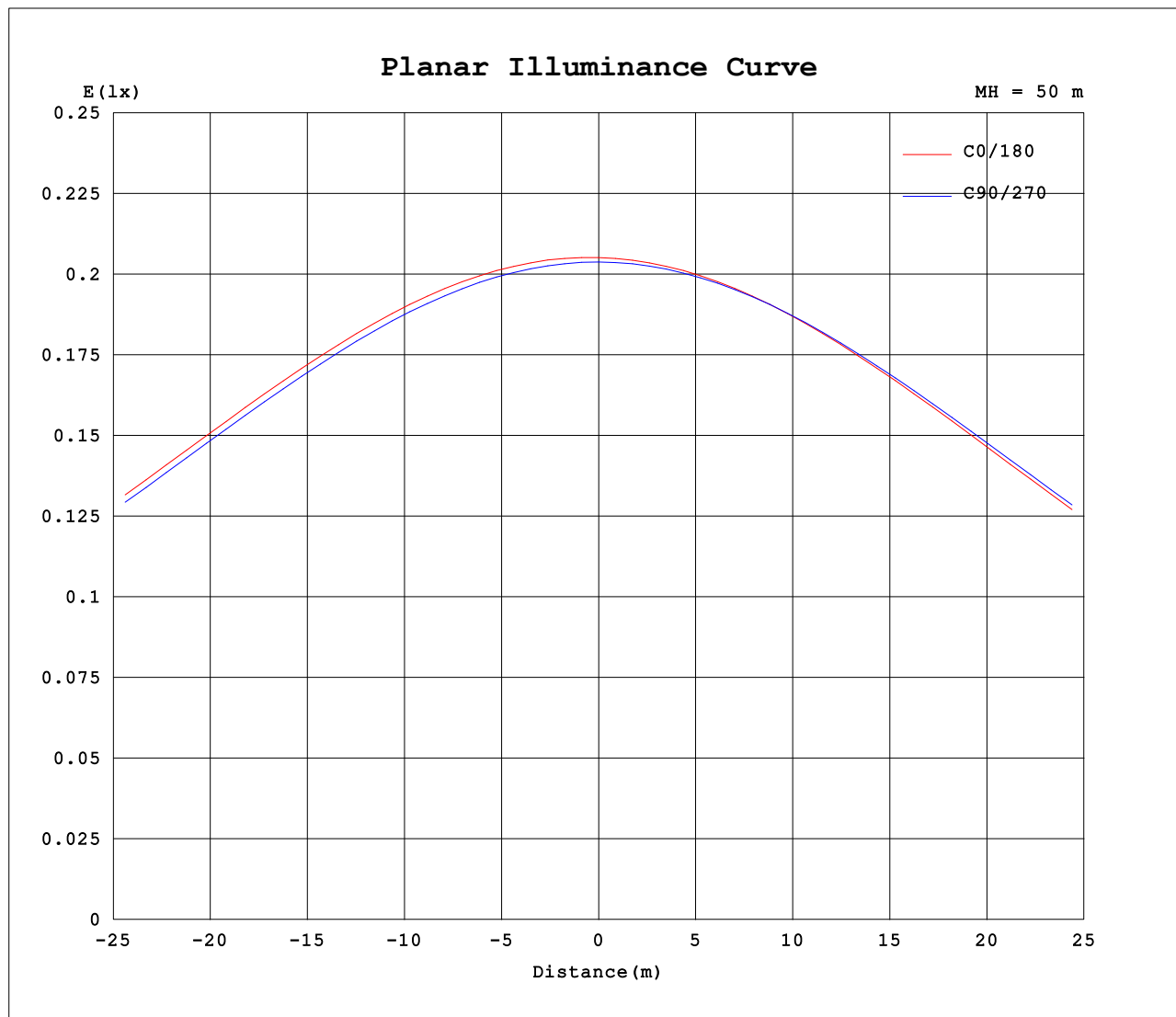
AvgL	cd/m2
L_0~180 (65) av	23030
L_0~180 (75) av	19871
L_0~180 (85) av	13623
L_90~270 (65) av	23020
L_90~270 (75) av	19510
L_90~270 (85) av	11291
L_45 (65) av	22982
L_45 (75) av	19787
L_45 (85) av	15161

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:SENPU
Test Date:2025-06-03

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: 2025-06-03

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:0.812A P:19.44W PF:1.000 Freq:0Hz Lamp Flux:1424.86x1 lm		
NAME: 65131	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2025060302
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	513	512	512	512	511	510	509	509	509	509	509	510	513	512	512	512	511	510	509
5	512	512	513	512	511	509	507	505	503	502	501	501	509	507	506	505	505	505	507
10	506	507	508	508	506	504	500	497	492	491	488	488	499	496	496	494	495	496	499
15	494	497	498	499	496	493	488	483	477	474	470	470	485	481	480	478	480	481	486
20	478	481	483	484	482	478	471	465	457	453	448	448	466	461	460	458	460	462	469
25	458	462	464	466	462	459	450	443	433	429	422	422	443	438	436	434	437	439	447
30	433	438	441	443	439	435	425	417	406	401	394	393	416	411	409	406	410	413	422
35	405	410	414	416	412	408	397	388	376	370	362	361	387	381	379	376	380	384	394
40	374	380	384	386	383	377	366	356	344	336	328	327	354	348	346	343	347	351	362
45	341	346	351	353	350	344	332	322	308	301	292	290	320	313	311	308	312	316	328
50	305	311	316	318	315	309	296	285	272	263	254	252	283	276	274	270	275	279	292
55	267	273	278	281	277	271	259	247	233	224	215	212	245	237	236	230	237	240	254
60	227	233	239	241	239	232	219	207	193	183	174	172	205	198	195	191	196	200	214
65	186	192	199	201	198	191	178	166	151	142	133	130	164	156	154	148	154	158	172
70	144	151	157	159	156	149	136	124	110	101	92.1	89.3	123	115	113	107	112	116	130
75	103	109	115	117	114	107	94.3	82.5	69.2	61.0	53.5	51.1	82.5	74.5	72.2	66.2	71.2	74.6	87.5
80	62.5	68.0	74.3	75.3	72.8	65.6	54.0	43.8	32.9	26.7	21.3	19.6	44.8	38.5	35.7	30.7	34.0	36.8	47.5
85	27.6	31.9	37.4	37.7	35.8	29.3	20.5	13.7	8.20	5.97	4.34	3.61	15.1	11.1	9.44	6.56	7.54	8.64	15.0
90	5.72	7.59	10.5	10.5	9.38	6.23	3.94	3.70	3.37	2.69	1.98	1.17	2.11	1.62	1.47	1.25	1.31	1.48	1.42
95	0.96	1.48	2.51	2.87	3.35	3.63	3.81	3.63	3.29	2.71	1.96	1.21	0.39	0.56	0.81	1.11	1.20	1.32	1.22
100	0.68	0.96	1.85	2.57	3.23	3.58	3.72	3.63	3.27	2.72	1.96	1.10	0.39	0.43	0.68	1.00	1.00	1.12	1.11
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:2025-06-03

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:0.812A P:19.44W PF:1.000 Freq:0Hz Lamp Flux:1424.86x1 lm		
NAME: 65131	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2025060302
MFR.:	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345													
0	509	509	509	509	510													
5	508	510	511	513	514													
10	502	505	508	511	512													
15	491	496	500	503	505													
20	474	481	486	491	492													
25	454	463	468	474	475													
30	430	440	446	453	454													
35	402	413	420	428	429													
40	372	383	392	399	401													
45	339	351	359	367	370													
50	303	316	325	333	335													
55	264	279	288	297	298													
60	226	240	249	259	261													
65	183	199	208	218	220													
70	142	157	167	177	180													
75	99.2	115	125	135	137													
80	58.7	73.2	83.2	93.0	95.8													
85	23.5	35.6	44.9	53.5	56.2													
90	2.74	8.29	14.2	20.4	22.7													
95	1.31	1.39	2.00	3.16	3.86													
100	1.17	1.29	1.18	0.91	0.65													
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:2025-06-03

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: