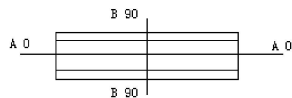
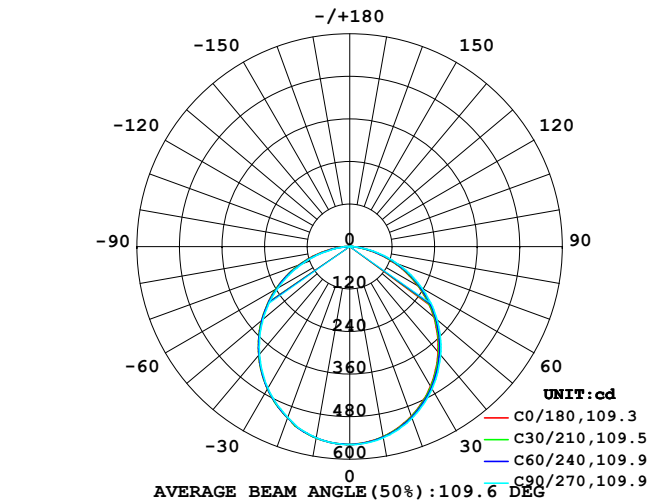


LUMINAIRE PHOTOMETRIC TEST REPORT

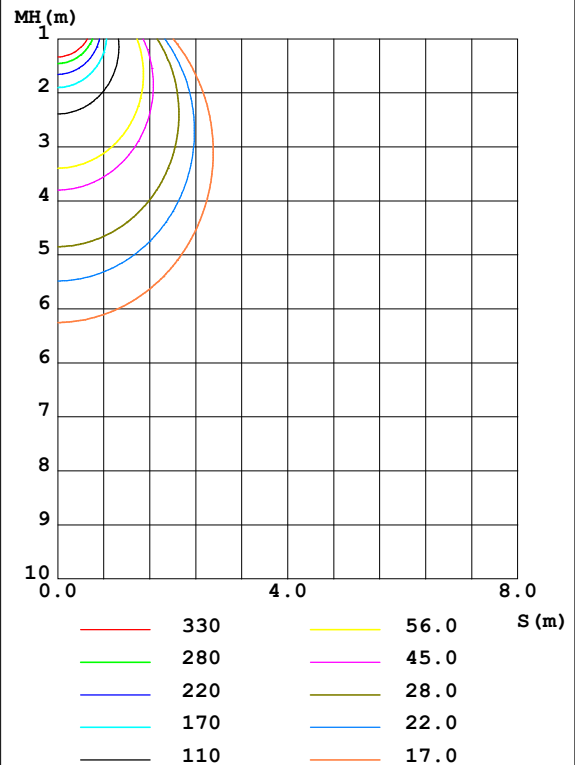
Test:U:24.00V I:0.811A P:19.46W PF:1.000 Freq:0Hz Lamp Flux:1541.11x1 lm		
NAME: 65130	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2025060301
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 79.19 lm/W			
MODEL		I _{max} (cd)	559.1	S/MH (C0/180)	1.24
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	1.24
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	1541.1	η UP, DN (C0-180)	0.1, 50.2
NOMINAL FLUX (lm)	1541.11	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.1, 49.7
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	544.1	546.1	547.3	549.4	548.0	547.5	547.4	544.7	0- 10	52.74	52.74	3.42,3.42
20	508.9	509.9	515.0	516.0	513.9	515.4	512.3	509.8	10- 20	150.2	203.0	13.2,13.2
30	455.3	458.4	464.1	466.9	463.8	464.5	461.4	456.1	20- 30	225.3	428.3	27.8,27.8
40	388.0	392.2	398.9	402.7	399.5	399.0	396.0	389.4	30- 40	269.1	697.4	45.3,45.3
50	310.0	315.1	322.4	327.5	324.4	323.3	319.3	311.6	40- 50	276.7	974.0	63.2,63.2
60	223.1	229.9	236.0	244.1	241.3	237.2	234.1	224.3	50- 60	247.7	1222	79.3,79.3
70	132.8	139.3	145.6	154.7	152.5	147.5	142.8	132.5	60- 70	187.0	1409	91.4,91.4
80	46.57	51.62	56.44	66.01	64.41	59.60	53.20	45.69	70- 80	104.1	1513	98.2,98.2
90	1.848	3.492	4.052	5.765	4.696	3.538	2.493	2.219	80- 90	25.62	1538	99.8,99.8
100	0.7147	2.772	3.949	2.815	0.4010	1.769	2.502	1.743	90-100	2.521	1541	100,100
110	0	0	0	0	0	0	0	0	100-110	0.1133	1541	100,100
120	0	0	0	0	0	0	0	0	110-120	0	1541	100,100
130	0	0	0	0	0	0	0	0	120-130	0	1541	100,100
140	0	0	0	0	0	0	0	0	130-140	0	1541	100,100
150	0	0	0	0	0	0	0	0	140-150	0	1541	100,100
160	0	0	0	0	0	0	0	0	150-160	0	1541	100,100
170	0	0	0	0	0	0	0	0	160-170	0	1541	100,100
180	0	0	0	0	0	0	0	0	170-180	0	1541	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 837.07 lm

%lum = 54.3%

%lamp = 54.3%

Conical surface Flux(120deg): 1221.8 lm

%lum = 79.3%

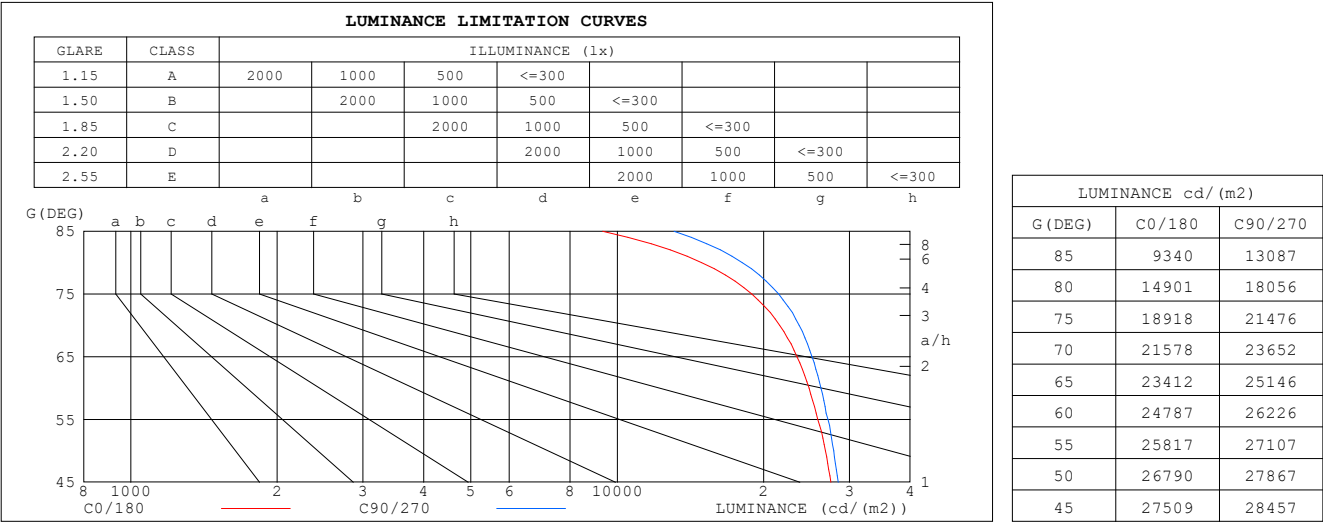
%lamp = 79.3%

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:0.811A P:19.46W PF:1.000 Freq:0Hz Lamp Flux:1541.11x1 lm		
NAME: 65130	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2025060301
MFR.:	SUR.:	Shielding Angle:



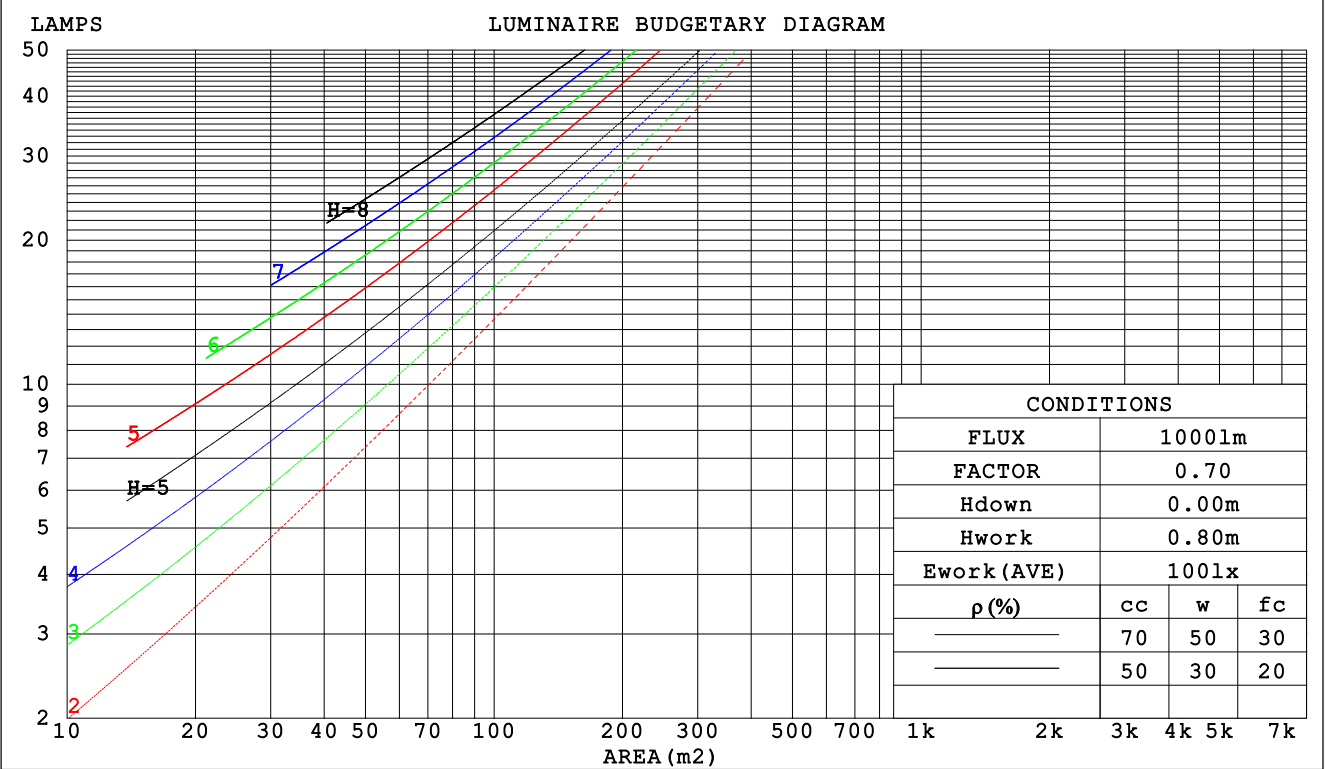
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:SENPU
Test Date:2025-06-03

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:0.811A P:19.46W PF:1.000 Freq:0Hz		
Lamp Flux:1541.11x1 lm		
NAME: 65130	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2025060301
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	.94	.91	.89	.90	.88	.86	.84
2.0	.91	.84	.78	.89	.83	.77	.85	.80	.75	.82	.78	.74	.79	.75	.72	.70
3.0	.80	.72	.65	.78	.71	.64	.75	.69	.63	.72	.67	.62	.70	.65	.61	.59
4.0	.71	.62	.55	.69	.61	.55	.67	.60	.54	.64	.58	.53	.62	.57	.52	.50
5.0	.63	.54	.47	.62	.54	.47	.60	.52	.47	.58	.51	.46	.56	.50	.46	.43
6.0	.57	.48	.41	.56	.47	.41	.54	.46	.41	.52	.46	.40	.51	.45	.40	.38
7.0	.52	.43	.37	.51	.42	.36	.49	.42	.36	.48	.41	.36	.46	.40	.36	.34
8.0	.47	.39	.33	.46	.38	.33	.45	.38	.32	.44	.37	.32	.43	.36	.32	.30
9.0	.43	.35	.29	.43	.35	.29	.41	.34	.29	.40	.34	.29	.39	.33	.29	.27
10.0	.40	.32	.27	.39	.32	.27	.38	.31	.26	.37	.31	.26	.36	.31	.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:0.811A P:19.46W PF:1.000 Freq:0Hz Lamp Flux:1541.11x1 lm		
NAME: 65130	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2025060301
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	.305	.174	.055	.298	.170	.054	.285	.163	.052	.273	.157	.050	.261	.151	.049		
2.0	.289	.158	.049	.282	.155	.048	.271	.150	.047	.260	.146	.046	.250	.141	.045		
3.0	.268	.142	.043	.262	.140	.042	.252	.136	.041	.242	.133	.041	.233	.129	.040		
4.0	.247	.129	.038	.242	.127	.037	.233	.124	.037	.225	.121	.036	.217	.118	.036		
5.0	.229	.117	.034	.224	.115	.034	.216	.113	.033	.209	.110	.033	.202	.108	.032		
6.0	.212	.106	.030	.209	.105	.030	.201	.103	.030	.194	.101	.030	.188	.099	.029		
7.0	.198	.098	.028	.194	.097	.028	.188	.095	.027	.182	.093	.027	.176	.091	.027		
8.0	.185	.090	.025	.182	.089	.025	.176	.088	.025	.170	.086	.025	.165	.085	.025		
9.0	.173	.084	.023	.170	.083	.023	.165	.082	.023	.160	.080	.023	.156	.079	.023		
10.0	.163	.078	.022	.160	.078	.022	.156	.076	.021	.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	.181	.157	.136	.155	.135	.117	.106	.093	.081	.061	.054	.047	.020	.017	.015	
2.0	.173	.133	.100	.148	.115	.086	.102	.079	.060	.059	.046	.035	.019	.015	.011	
3.0	.165	.116	.076	.142	.100	.066	.097	.069	.046	.056	.040	.027	.018	.013	.009	
4.0	.158	.102	.060	.135	.088	.052	.093	.062	.037	.054	.036	.022	.017	.012	.007	
5.0	.150	.092	.049	.129	.079	.042	.089	.056	.030	.052	.033	.018	.017	.011	.006	
6.0	.143	.083	.041	.123	.072	.035	.085	.051	.025	.049	.030	.015	.016	.010	.005	
7.0	.136	.077	.035	.117	.066	.030	.081	.047	.021	.047	.027	.013	.015	.009	.004	
8.0	.130	.071	.030	.112	.061	.026	.077	.043	.019	.045	.025	.011	.015	.008	.004	
9.0	.124	.066	.027	.107	.057	.023	.074	.040	.016	.043	.024	.010	.014	.008	.003	
10.0	.118	.062	.024	.102	.053	.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:0.811A P:19.46W PF:1.000 Freq:0Hz Lamp Flux:1541.11x1 lm										
NAME: 65130					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.: 2025060301		
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	24.1	25.6	24.3	25.8	26.0	24.3	25.8	24.6	26.0	26.2
3H	25.5	26.9	25.8	27.1	27.3	25.8	27.2	26.1	27.4	27.7
4H	26.0	27.3	26.3	27.6	27.8	26.4	27.7	26.7	27.9	28.2
6H	26.3	27.5	26.6	27.8	28.1	26.7	28.0	27.1	28.2	28.5
8H	26.3	27.5	26.7	27.8	28.1	26.8	28.0	27.2	28.3	28.6
12H	26.3	27.5	26.7	27.8	28.1	26.9	28.0	27.2	28.3	28.6
4H 2H	24.7	26.0	25.0	26.3	26.5	24.8	26.2	25.2	26.4	26.7
3H	26.2	27.4	26.6	27.7	28.0	26.5	27.7	26.9	28.0	28.3
4H	26.9	27.9	27.2	28.3	28.6	27.2	28.3	27.6	28.6	28.9
6H	27.3	28.2	27.7	28.6	28.9	27.7	28.6	28.1	29.0	29.4
8H	27.4	28.2	27.8	28.6	29.0	27.8	28.7	28.2	29.1	29.5
12H	27.4	28.2	27.8	28.6	29.0	27.9	28.7	28.3	29.1	29.5
8H 4H	27.1	28.0	27.5	28.4	28.7	27.4	28.3	27.8	28.7	29.0
6H	27.6	28.4	28.1	28.8	29.2	28.0	28.7	28.5	29.1	29.6
8H	27.8	28.4	28.2	28.9	29.3	28.2	28.9	28.7	29.3	29.7
12H	27.9	28.4	28.3	28.9	29.3	28.3	28.9	28.8	29.3	29.8
12H 4H	27.1	27.9	27.5	28.3	28.7	27.4	28.2	27.8	28.6	29.0
6H	27.7	28.3	28.1	28.7	29.2	28.0	28.7	28.5	29.1	29.6
8H	27.8	28.4	28.3	28.9	29.3	28.3	28.8	28.8	29.3	29.8
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.2				

CIE Pub.117, 1541 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 1.5$)
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:0.811A P:19.46W PF:1.000 Freq:0Hz Lamp Flux:1541.11x1 lm		
NAME: 65130	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2025060301
MFR.:	SUR.:	Shielding Angle:

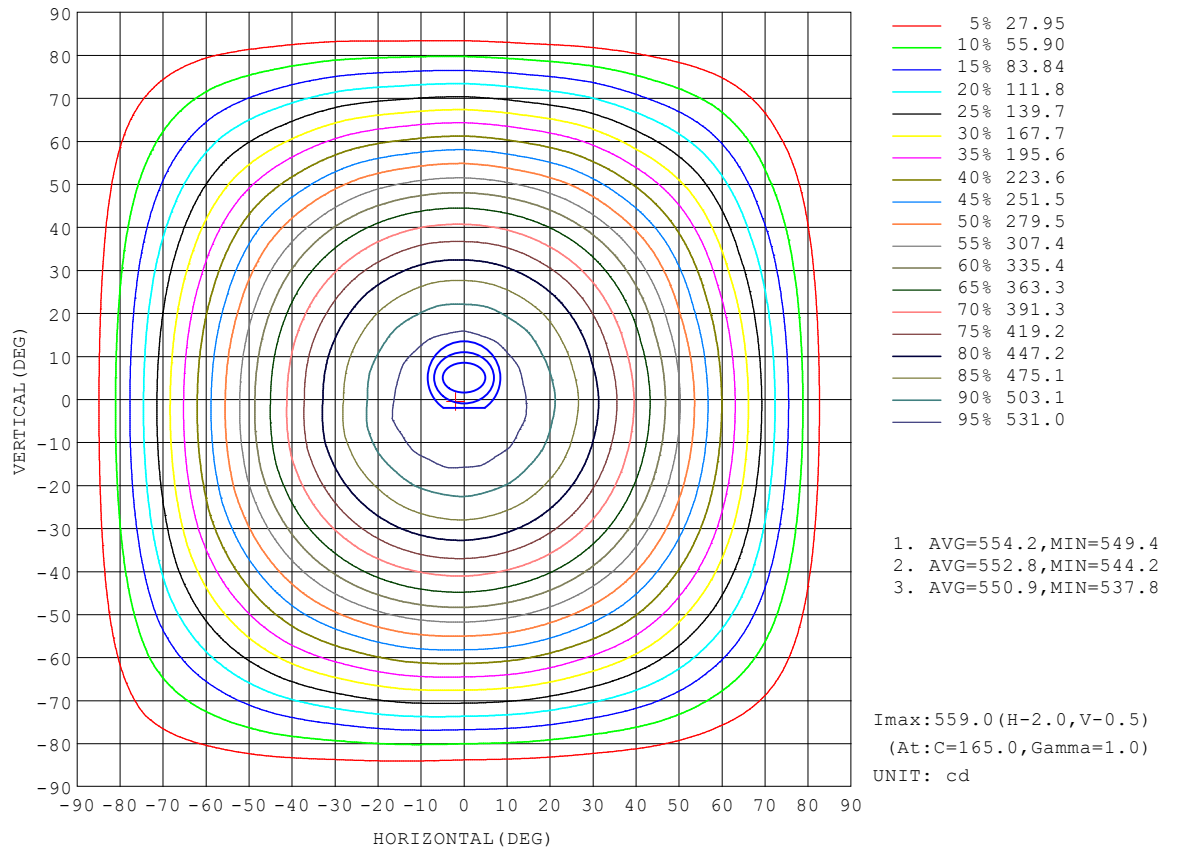
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	58	46	39	57	46	39	56	46	39	33
0.80	68	56	49	67	56	49	65	55	48	42
1.00	76	65	58	75	65	58	73	66	57	50
1.25	83	73	66	82	72	65	79	71	65	57
1.50	88	79	72	87	78	71	84	76	70	63
2.00	95	87	80	93	86	80	90	83	78	70
2.50	99	91	85	97	90	84	93	87	83	74
3.00	102	96	90	100	94	89	96	91	87	78
4.00	106	101	96	104	99	95	100	96	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:0.811A P:19.46W PF:1.000 Freq:0Hz Lamp Flux:1541.11x1 lm		
NAME: 65130	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2025060301
MFR.:	SUR.:	Shielding Angle:

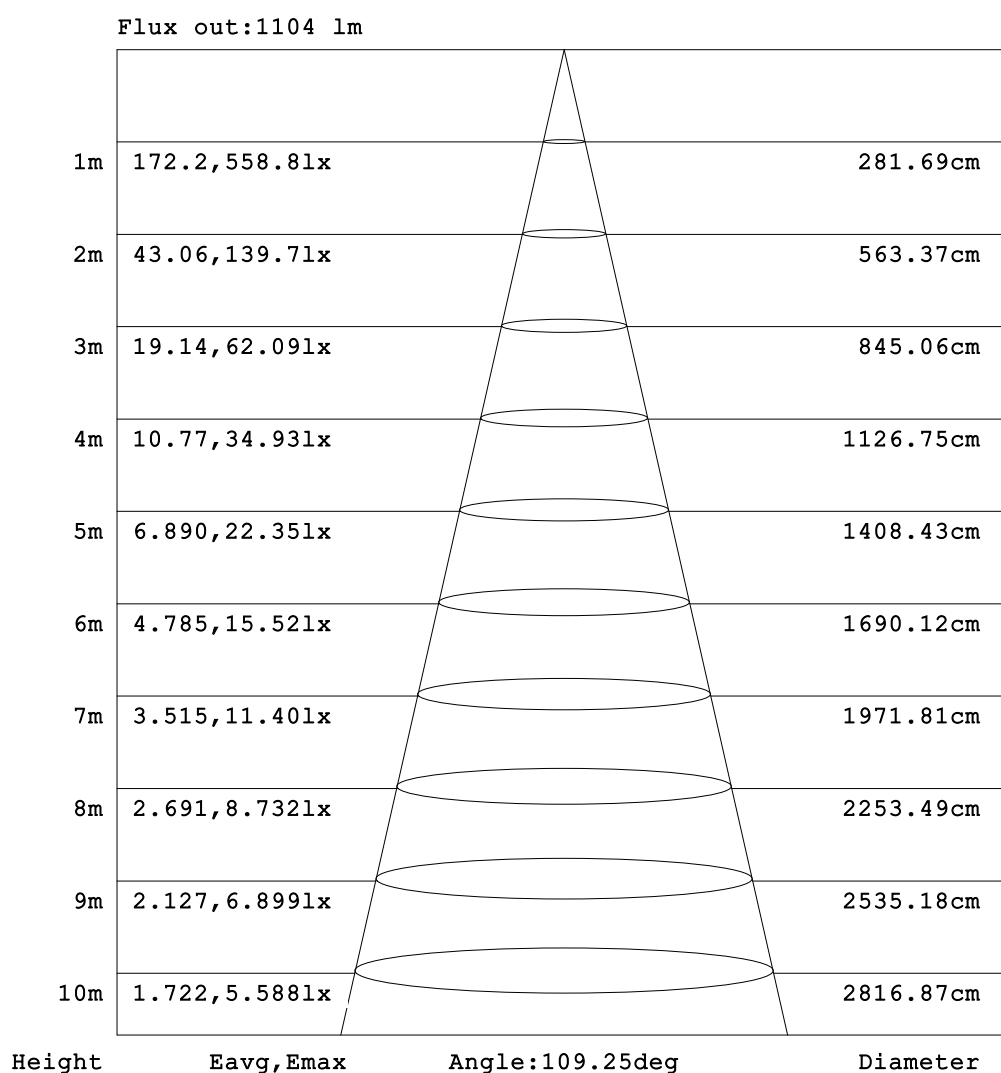


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:SENPU
Test Date:2025-06-03

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:0.811A P:19.46W PF:1.000 Freq:0Hz Lamp Flux:1541.11x1 lm		
NAME: 65130	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2025060301
MFR.:	SUR.:	Shielding Angle:



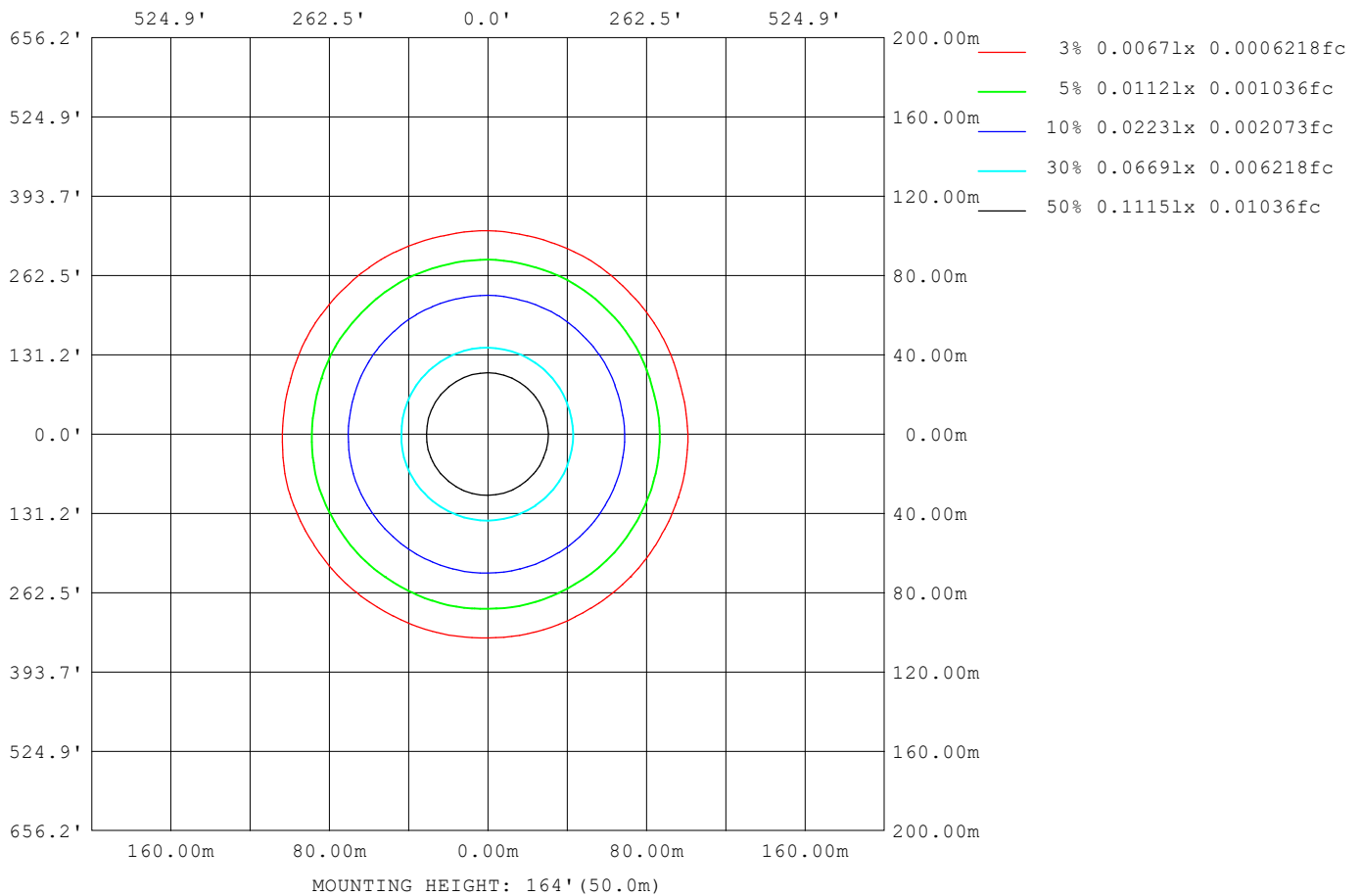
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.811A P:19.46W PF:1.000 Freq:0Hz Lamp Flux:1541.11x1 lm		
NAME: 65130	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2025060301
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:0.811A P:19.46W PF:1.000 Freq:0Hz Lamp Flux:1541.11x1 lm		
NAME: 65130	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2025060301
MFR.:	SUR.:	Shielding Angle:

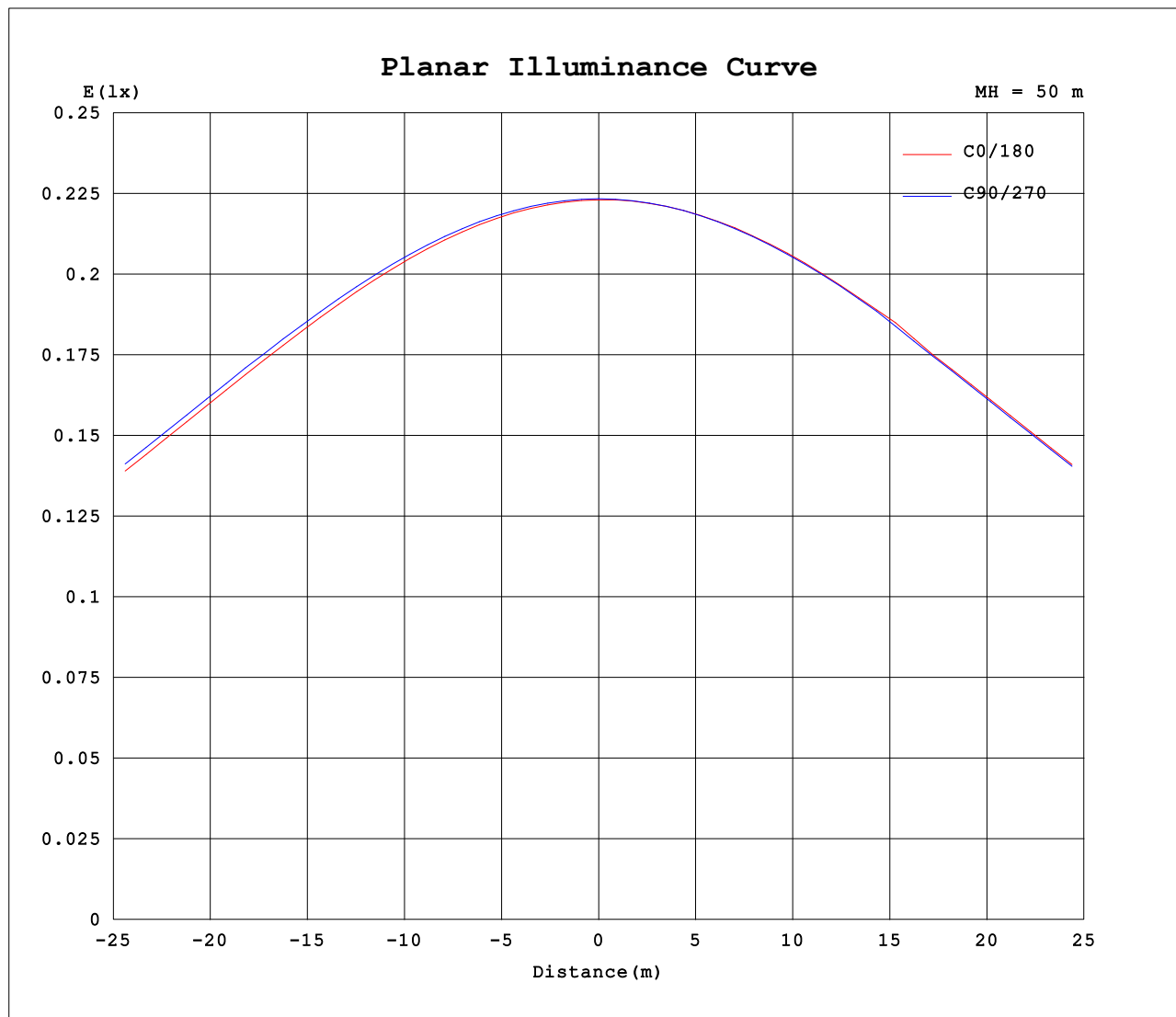
AvgL	cd/m2
L_0~180 (65) av	24682
L_0~180 (75) av	21006
L_0~180 (85) av	13339
L_90~270 (65) av	25002
L_90~270 (75) av	21136
L_90~270 (85) av	12154
L_45 (65) av	24888
L_45 (75) av	21122
L_45 (85) av	13205

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:0.811A P:19.46W PF:1.000 Freq:0Hz Lamp Flux:1541.11x1 lm		
NAME: 65130	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2025060301
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	558	558	558	558	558	558	558	558	558	558	559	559	558	558	558	558	558	558	558
5	554	554	554	555	555	555	556	556	556	557	557	558	556	556	556	556	556	556	556
10	544	545	545	546	546	547	547	548	548	549	549	551	548	548	548	547	548	547	547
15	529	531	530	532	532	534	534	535	535	537	536	538	535	534	535	534	535	533	534
20	509	508	510	510	512	512	515	514	516	516	518	518	514	515	514	515	514	514	512
25	484	484	486	486	488	489	491	492	493	493	495	495	491	492	491	492	490	491	489
30	455	456	457	458	461	462	464	465	466	467	468	469	464	465	464	464	463	463	461
35	423	424	425	427	429	431	433	434	435	436	438	439	433	434	433	434	433	432	430
40	388	389	391	392	394	397	399	400	401	403	404	405	400	400	400	399	398	398	396
45	350	351	353	355	358	360	362	364	365	366	368	369	363	363	363	363	362	360	359
50	310	311	313	315	318	320	322	324	326	328	329	330	324	324	324	323	323	320	319
55	267	269	269	273	275	278	280	283	285	287	288	289	284	282	284	282	282	278	278
60	223	225	226	230	231	235	236	240	241	244	244	247	241	239	241	237	238	234	234
65	178	181	181	185	186	190	191	195	196	200	200	203	197	195	197	194	194	189	189
70	133	135	136	139	141	144	146	150	151	155	155	158	152	150	151	147	148	143	143
75	88.1	90.3	90.7	94.1	95.1	98.9	100	104	106	110	110	113	108	105	106	103	102	97.3	96.9
80	46.6	48.5	48.9	51.6	52.4	55.5	56.4	60.5	62.1	66.0	67.0	69.7	64.4	62.7	63.0	59.6	58.6	54.6	53.2
85	14.7	15.9	16.2	17.7	18.0	19.8	20.5	23.6	25.2	28.2	29.3	31.4	27.2	26.1	25.9	23.2	22.0	18.5	17.6
90	1.85	2.35	2.99	3.49	3.84	3.95	4.05	4.32	4.81	5.77	6.13	6.69	4.70	4.35	4.37	3.54	3.05	2.60	2.49
95	0.70	1.22	2.04	2.78	3.45	3.77	3.97	3.82	3.44	2.80	2.06	1.29	0.37	0.75	1.22	1.76	2.14	2.45	2.49
100	0.71	1.03	2.04	2.77	3.43	3.77	3.95	3.82	3.43	2.82	2.01	1.16	0.40	0.71	1.22	1.77	2.14	2.43	2.50
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:0.811A P:19.46W PF:1.000 Freq:0Hz Lamp Flux:1541.11x1 lm		
NAME: 65130	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2025060301
MFR.:	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	558	558	558	559	559														
5	555	555	554	555	554														
10	546	546	545	545	544														
15	532	532	530	530	528														
20	513	510	510	507	507														
25	488	486	485	482	482														
30	460	458	456	454	452														
35	429	426	424	422	420														
40	394	392	389	387	385														
45	356	354	352	349	347														
50	316	315	312	309	306														
55	273	273	267	267	262														
60	229	229	224	223	219														
65	184	184	178	178	173														
70	138	138	133	132	127														
75	92.2	91.9	86.9	86.9	82.7														
80	49.9	49.0	45.7	45.2	42.4														
85	15.5	15.3	13.7	13.5	12.0														
90	2.50	2.37	2.22	1.89	1.44														
95	2.42	2.16	1.73	1.23	0.68														
100	2.41	2.19	1.74	1.28	0.69														
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
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 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%
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 Remarks: