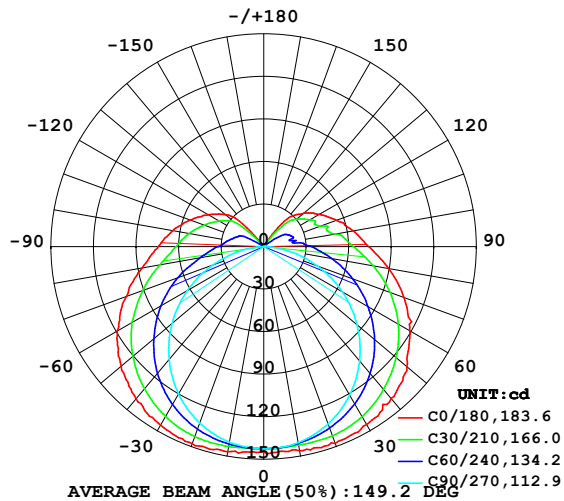


LUMINAIRE PHOTOMETRIC TEST REPORT

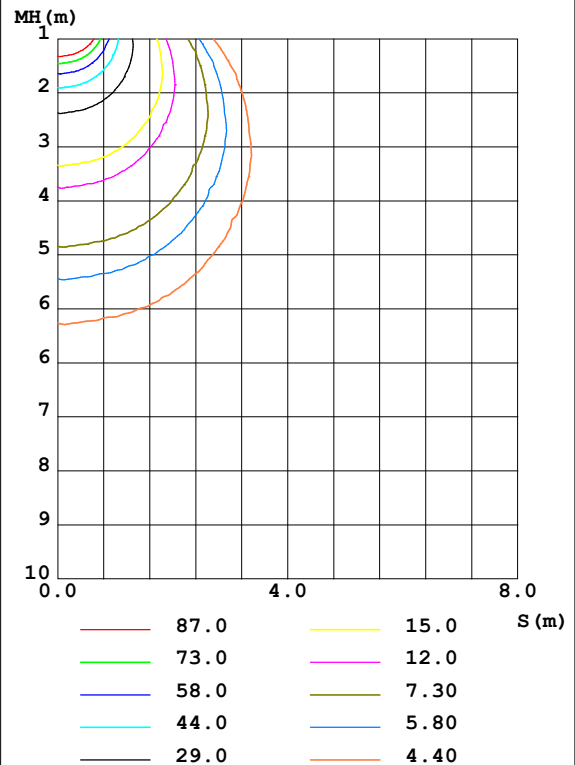
Test:U:24.000V I:0.3720A P:8.9200W PF:1.0000 Freq:0Hz Lamp Flux:726.512x1 lm		
NAME: N010120BC1LZ	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 81.45 lm/W			
MODEL		I _{max} (cd)	148.4	S/MH (C0/180)	1.51
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	1.25
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	726.51	η UP, DN (C0-180)	9.4, 41.1
NOMINAL FLUX (lm)	726.512	CIE CLASS	SEMI-D.	η UP, DN (C180-360)	9.0, 40.5
LAMPS INSIDE	1	η up (%)	18.4	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)	24	η down (%)	81.6	CIBSE SHR MAX	1.55

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: 2022-12-09

γ Range: 0 - 180DEG
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	146.2	141.6	140.4	142.8	146.9	142.4	140.0	141.8	0- 10	13.62	13.62	1.87,1.87
20	147.6	139.2	133.0	140.8	147.8	140.1	132.4	139.2	10- 20	39.99	53.61	7.38,7.38
30	145.0	134.1	121.1	135.2	145.6	134.0	120.1	133.6	20- 30	63.21	116.8	16.1,16.1
40	139.8	125.1	105.3	125.6	140.1	124.2	103.8	124.2	30- 40	80.64	197.5	27.2,27.2
50	131.9	113.0	86.03	113.2	131.3	111.6	84.40	111.8	40- 50	90.57	288.0	39.6,39.6
60	118.9	98.87	64.18	98.13	119.4	96.51	62.31	97.50	50- 60	92.07	380.1	52.3,52.3
70	105.2	82.71	40.58	80.92	103.0	78.54	38.47	81.09	60- 70	85.27	465.4	64.1,64.1
80	89.48	66.21	17.04	63.17	87.08	61.72	14.99	63.81	70- 80	71.70	537.1	73.9,73.9
90	74.09	50.66	0.2713	50.02	74.50	49.35	0.1737	49.06	80- 90	55.69	592.8	81.6,81.6
100	64.17	35.97	0.3095	42.26	65.18	41.69	0.2113	34.50	90-100	43.41	636.2	87.6,87.6
110	54.61	30.24	0.3170	34.64	55.30	34.19	0.2415	33.08	100-110	34.76	670.9	92.3,92.3
120	45.57	29.03	0.3546	27.62	45.25	27.40	0.2567	27.67	110-120	26.84	697.8	96,96
130	36.53	21.74	0.3397	10.17	35.11	8.125	0.3018	19.35	120-130	18.09	715.9	98.5,98.5
140	25.29	2.998	0.2949	0.4604	10.25	0.3698	0.3019	2.738	130-140	8.785	724.6	99.7,99.7
150	2.529	0.3397	0.3321	0.4529	0.3847	0.3698	0.3324	0.3925	140-150	1.538	726.2	100,100
160	0.4151	0.3471	0.3396	0.3546	0.3472	0.3698	0.3623	0.3925	150-160	0.1916	726.4	100,100
170	0.3396	0.3547	0.3547	0.3397	0.3095	0.3321	0.3623	0.3925	160-170	0.1022	726.5	100,100
180	0.3170	0.3547	0.3547	0.3623	0.3396	0.3623	0.3623	0.3925	170-180	0.0335	726.5	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 242.01 lm

%lum = 33.3%

%lamp = 33.3%

Conical surface Flux(120deg): 380.1 lm

%lum = 52.3%

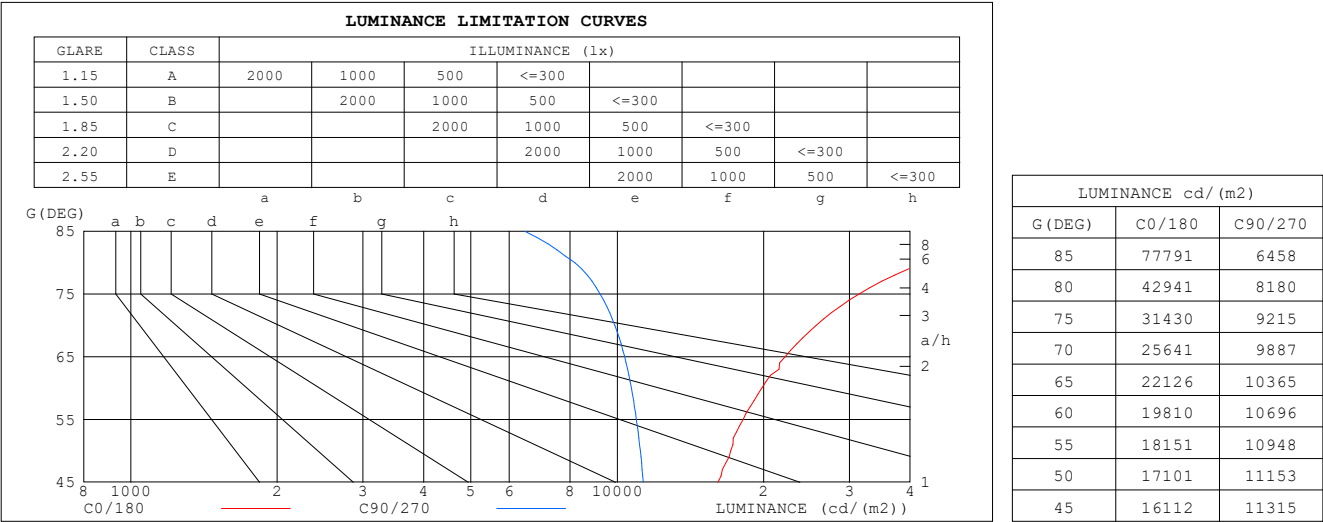
%lamp = 52.3%

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:SENPU
 Test Date:2022-12-09

γ Range: 0 - 180DEG
 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:24.000V I:0.3720A P:8.9200W PF:1.0000 Freq:0Hz		
Lamp Flux:726.512x1 lm		
NAME: N010120BC1LZ	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



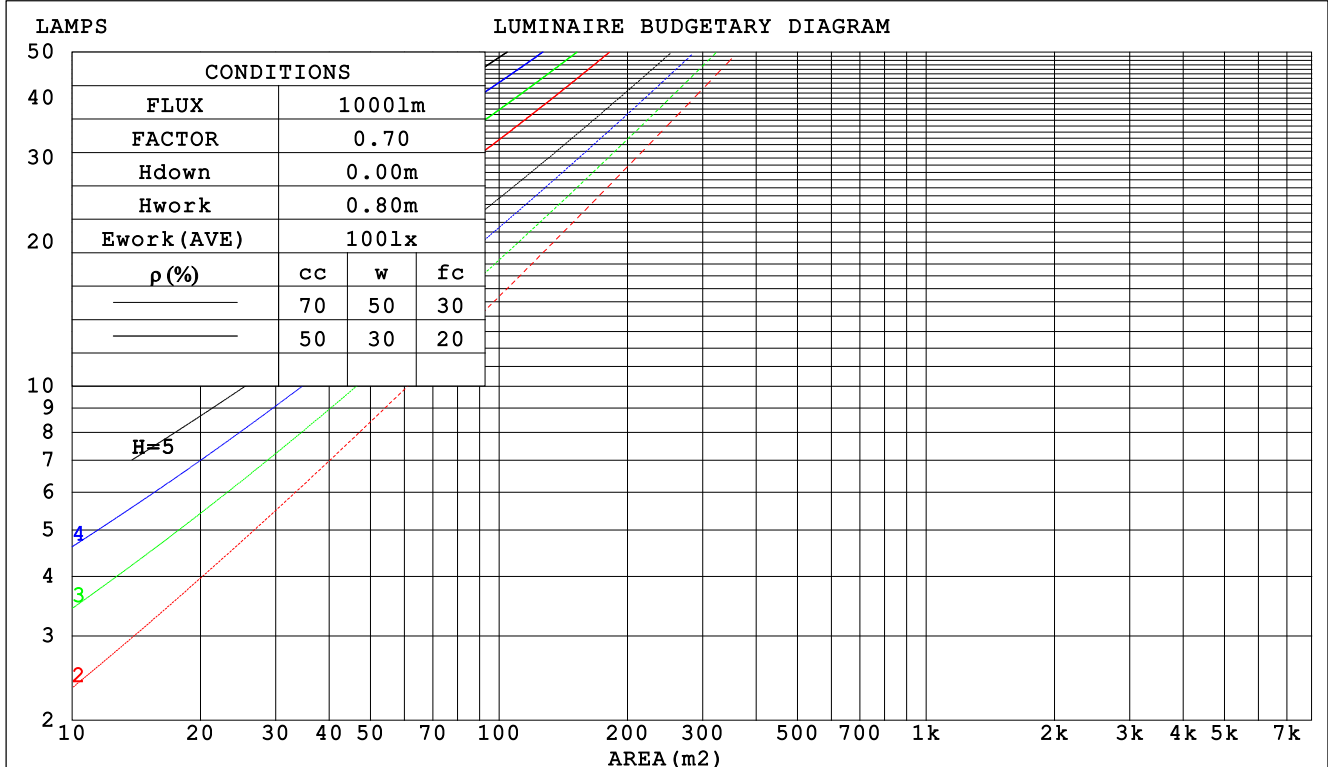
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:SENPU
Test Date:2022-12-09

γ Range: 0 - 180DEG
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:24.000V I:0.3720A P:8.9200W PF:1.0000 Freq:0Hz Lamp Flux:726.512x1 lm		
NAME: N010120BC1LZ	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
p _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
p _{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.15	1.15	1.15	1.10	1.10	1.10	1.01	1.01	1.01	.93	.93	.93	.85	.85	.85	.82
1.0	.95	.90	.85	.91	.86	.82	.83	.79	.76	.76	.73	.70	.70	.67	.65	.61
2.0	.81	.73	.67	.78	.70	.64	.71	.65	.60	.65	.60	.56	.59	.55	.52	.49
3.0	.70	.61	.54	.67	.59	.52	.62	.55	.49	.56	.50	.46	.51	.47	.43	.39
4.0	.62	.52	.45	.59	.50	.43	.54	.47	.41	.49	.43	.38	.45	.40	.36	.33
5.0	.55	.45	.38	.52	.43	.37	.48	.40	.35	.44	.38	.33	.40	.35	.31	.28
6.0	.49	.39	.33	.47	.38	.32	.43	.36	.30	.40	.33	.28	.36	.31	.26	.24
7.0	.44	.35	.28	.42	.34	.28	.39	.32	.26	.36	.29	.25	.33	.27	.23	.21
8.0	.40	.31	.25	.38	.30	.24	.35	.28	.23	.33	.26	.22	.30	.25	.21	.18
9.0	.36	.28	.22	.35	.27	.22	.33	.25	.21	.30	.24	.20	.28	.22	.18	.16
10.0	.33	.25	.20	.32	.25	.19	.30	.23	.19	.28	.22	.18	.26	.21	.17	.15



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators: SENPU
 Test Date: 2022-12-09

γ Range: 0 - 180DEG
 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:24.000V I:0.3720A P:8.9200W PF:1.0000 Freq:0Hz Lamp Flux:726.512x1 lm		
NAME: N010120BC1LZ	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
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	.391	.222	.070	.378	.216	.069	.354	.203	.065	.332	.191	.061	.312	.181	.058		
2.0	.338	.185	.057	.326	.180	.055	.305	.169	.053	.284	.160	.050	.266	.150	.047		
3.0	.300	.160	.048	.289	.155	.047	.270	.146	.044	.251	.138	.042	.234	.130	.040		
4.0	.269	.140	.041	.260	.136	.040	.242	.128	.038	.226	.121	.037	.210	.114	.035		
5.0	.245	.125	.036	.236	.121	.035	.220	.114	.034	.205	.108	.032	.191	.102	.031		
6.0	.224	.112	.032	.216	.109	.031	.201	.103	.030	.188	.097	.029	.175	.092	.027		
7.0	.206	.102	.029	.199	.099	.028	.186	.094	.027	.173	.089	.026	.161	.084	.025		
8.0	.191	.093	.026	.185	.091	.026	.172	.086	.025	.161	.081	.023	.150	.077	.022		
9.0	.178	.086	.024	.172	.084	.024	.161	.079	.023	.150	.075	.022	.140	.071	.021		
10.0	.167	.080	.022	.161	.078	.022	.151	.074	.021	.141	.070	.020	.131	.066	.019		

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	.331	.331	.331	.283	.283	.283	.193	.193	.193	.111	.111	.111	.035	.035	.035	
1.0	.327	.297	.269	.280	.255	.232	.192	.175	.160	.110	.101	.093	.035	.033	.030	
2.0	.321	.274	.235	.275	.236	.203	.188	.163	.142	.109	.095	.083	.035	.031	.027	
3.0	.313	.258	.213	.269	.222	.185	.184	.154	.130	.107	.090	.076	.034	.029	.025	
4.0	.306	.245	.199	.262	.212	.173	.180	.148	.122	.104	.086	.072	.034	.028	.024	
5.0	.298	.235	.189	.256	.204	.165	.176	.142	.116	.102	.084	.069	.033	.027	.023	
6.0	.290	.228	.182	.250	.197	.159	.172	.138	.112	.100	.081	.067	.032	.027	.022	
7.0	.283	.221	.177	.244	.192	.154	.168	.134	.109	.098	.079	.065	.032	.026	.022	
8.0	.277	.215	.173	.238	.187	.151	.165	.131	.107	.096	.077	.064	.031	.025	.021	
9.0	.270	.211	.170	.233	.183	.149	.161	.128	.105	.094	.076	.063	.030	.025	.021	
10.0	.264	.206	.168	.228	.179	.147	.158	.126	.104	.092	.075	.062	.030	.024	.021	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:SENPU
Test Date:2022-12-09

γ Range: 0 - 180DEG
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:24.000V I:0.3720A P:8.9200W PF:1.0000 Freq:0Hz Lamp Flux:726.512x1 lm										
NAME: N010120BC1LZ					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
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	22.4	23.8	22.9	24.3	24.9	19.9	21.3	20.4	21.8	22.4
3H	25.2	26.5	25.7	27.0	27.6	21.4	22.7	22.0	23.3	23.9
4H	26.7	27.9	27.2	28.5	29.1	22.1	23.3	22.6	23.9	24.5
6H	28.3	29.4	28.9	30.0	30.7	22.6	23.7	23.1	24.3	24.9
8H	29.2	30.3	29.8	30.9	31.6	22.7	23.8	23.3	24.4	25.1
12H	30.2	31.3	30.8	31.9	32.6	22.8	23.8	23.4	24.4	25.1
4H 2H	23.0	24.2	23.6	24.8	25.4	21.2	22.4	21.8	23.0	23.6
3H	26.0	27.1	26.6	27.7	28.3	23.1	24.1	23.7	24.7	25.4
4H	27.7	28.7	28.3	29.3	30.0	23.9	24.9	24.5	25.5	26.2
6H	29.5	30.4	30.2	31.1	31.8	24.5	25.4	25.2	26.1	26.8
8H	30.6	31.4	31.2	32.0	32.8	24.8	25.6	25.4	26.3	27.0
12H	31.7	32.5	32.4	33.2	33.9	24.9	25.7	25.6	26.4	27.2
8H 4H	28.0	28.8	28.7	29.5	30.3	25.1	25.9	25.7	26.6	27.3
6H	30.2	30.9	30.9	31.6	32.4	26.2	26.9	26.9	27.5	28.4
8H	31.4	32.1	32.1	32.8	33.6	26.6	27.2	27.3	28.0	28.8
12H	32.9	33.4	33.6	34.1	35.0	27.0	27.5	27.7	28.2	29.1
12H 4H	28.0	28.8	28.7	29.5	30.3	25.5	26.2	26.1	26.9	27.7
6H	30.3	30.9	31.0	31.6	32.5	26.8	27.4	27.5	28.1	28.9
8H	31.7	32.2	32.4	32.9	33.8	27.4	28.0	28.2	28.7	29.6
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.3 / - 0.4					+ 0.2 / - 0.4				

CIE Pub.117, 726.5 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = -1.1$)
Area: 0.012 m²

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:SENPU
Test Date:2022-12-09

γ Range: 0 - 180DEG
 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:24.000V I:0.3720A P:8.9200W PF:1.0000 Freq:0Hz Lamp Flux:726.512x1 lm		
NAME: N010120BC1LZ	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

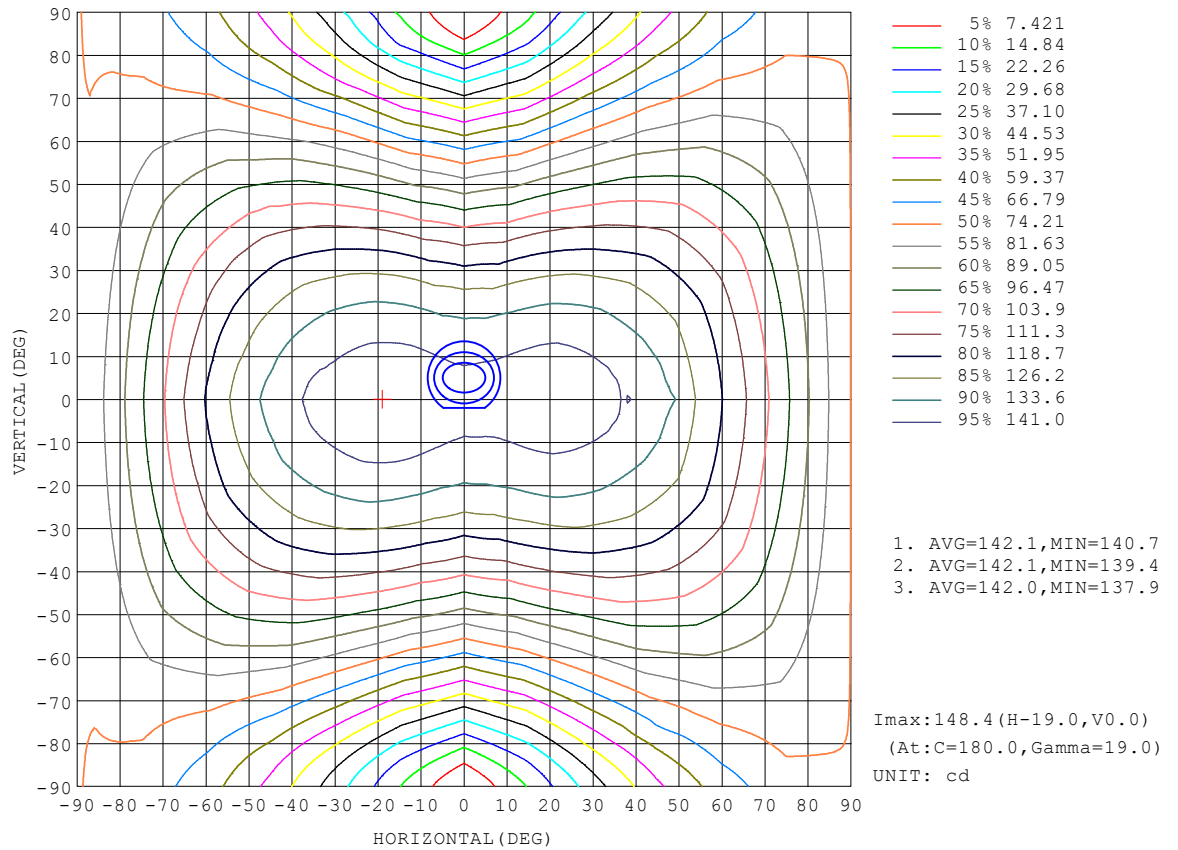
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	47	34	27	46	34	27	44	33	26	20
0.80	56	43	35	54	42	34	52	41	33	26
1.00	64	51	42	62	50	41	58	50	40	32
1.25	71	58	49	68	56	48	64	54	47	37
1.50	76	63	55	73	62	54	68	59	52	41
2.00	83	72	63	80	70	62	74	66	59	47
2.50	88	77	69	84	75	68	78	70	64	51
3.00	92	82	75	88	79	72	81	74	69	55
4.00	96	88	82	92	85	79	85	79	74	60
5.00	99	92	86	95	89	84	88	83	78	63
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: 2022-12-09

γ Range: 0 - 180DEG
 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:24.000V I:0.3720A P:8.9200W PF:1.0000 Freq:0Hz Lamp Flux:726.512x1 lm		
NAME: N010120BC1LZ	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

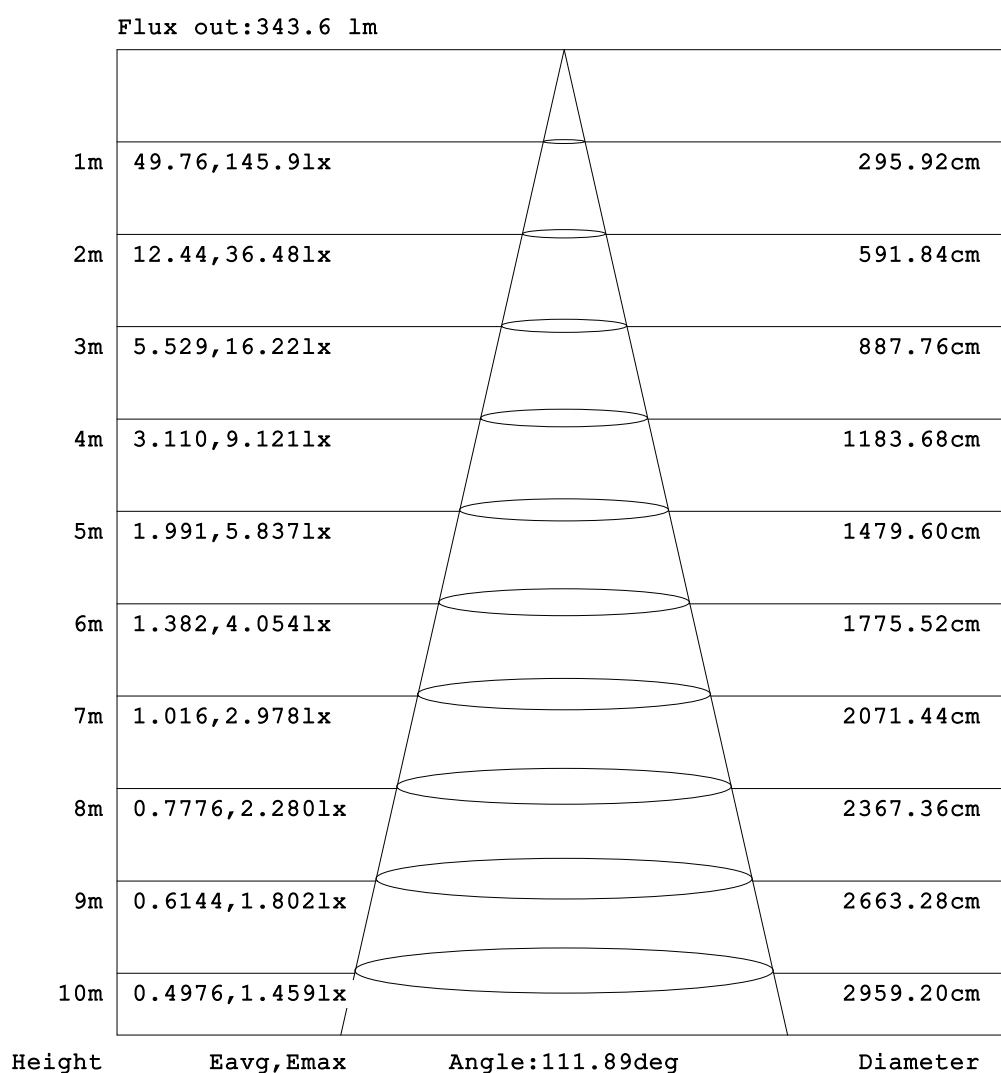


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:SENPU
Test Date:2022-12-09

γ Range: 0 - 180DEG
 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:24.000V I:0.3720A P:8.9200W PF:1.0000 Freq:0Hz Lamp Flux:726.512x1 lm		
NAME: N010120BC1LZ	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



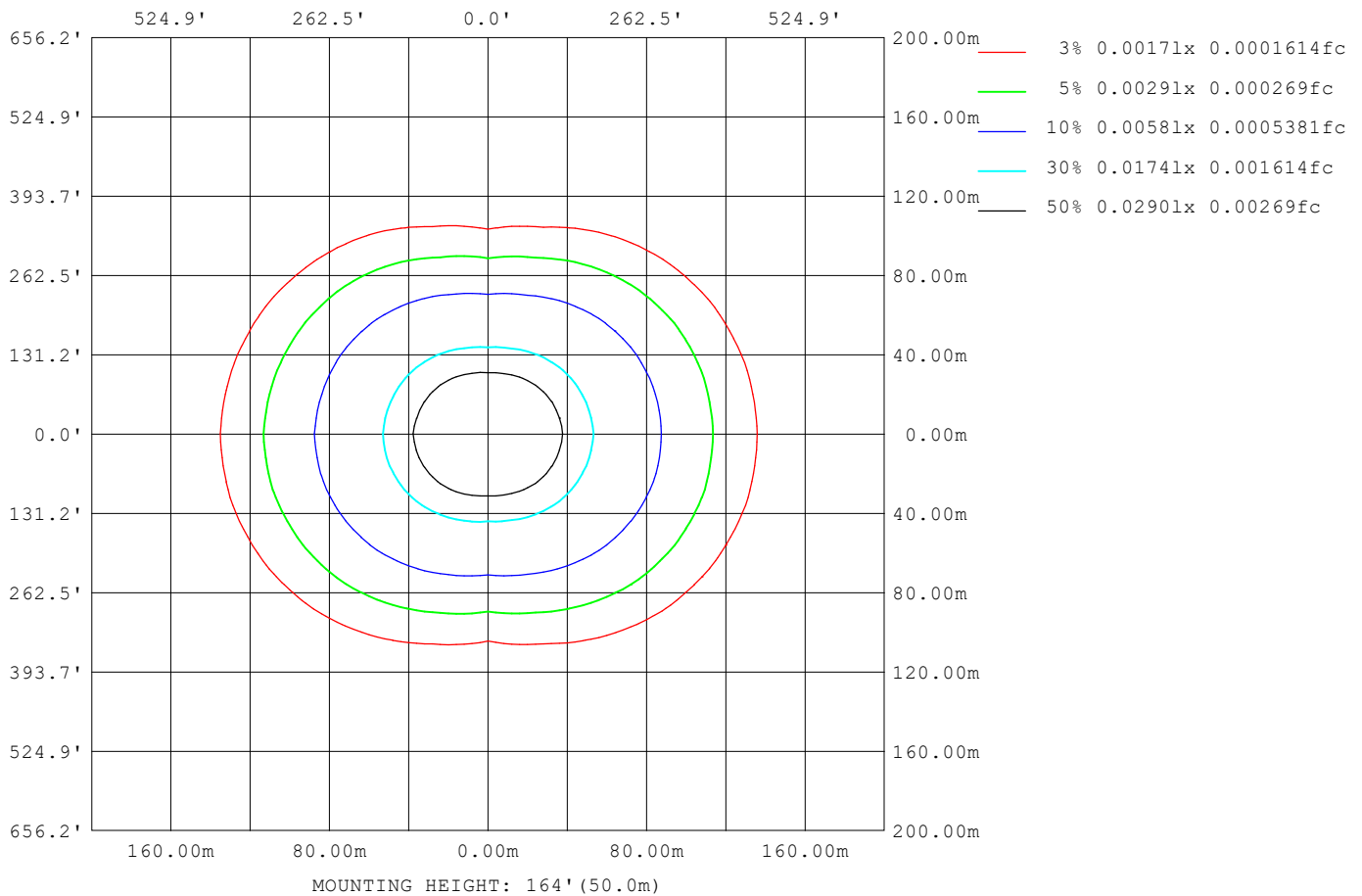
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:SENPU
Test Date:2022-12-09

γ Range: 0 - 180DEG
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:24.000V I:0.3720A P:8.9200W PF:1.0000 Freq:0Hz Lamp Flux:726.512x1 lm		
NAME: N010120BC1LZ	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators: SENPU
 Test Date: 2022-12-09

γ Range: 0 - 180DEG
 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:24.000V I:0.3720A P:8.9200W PF:1.0000 Freq:0Hz Lamp Flux:726.512x1 lm		
NAME: N010120BC1LZ	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

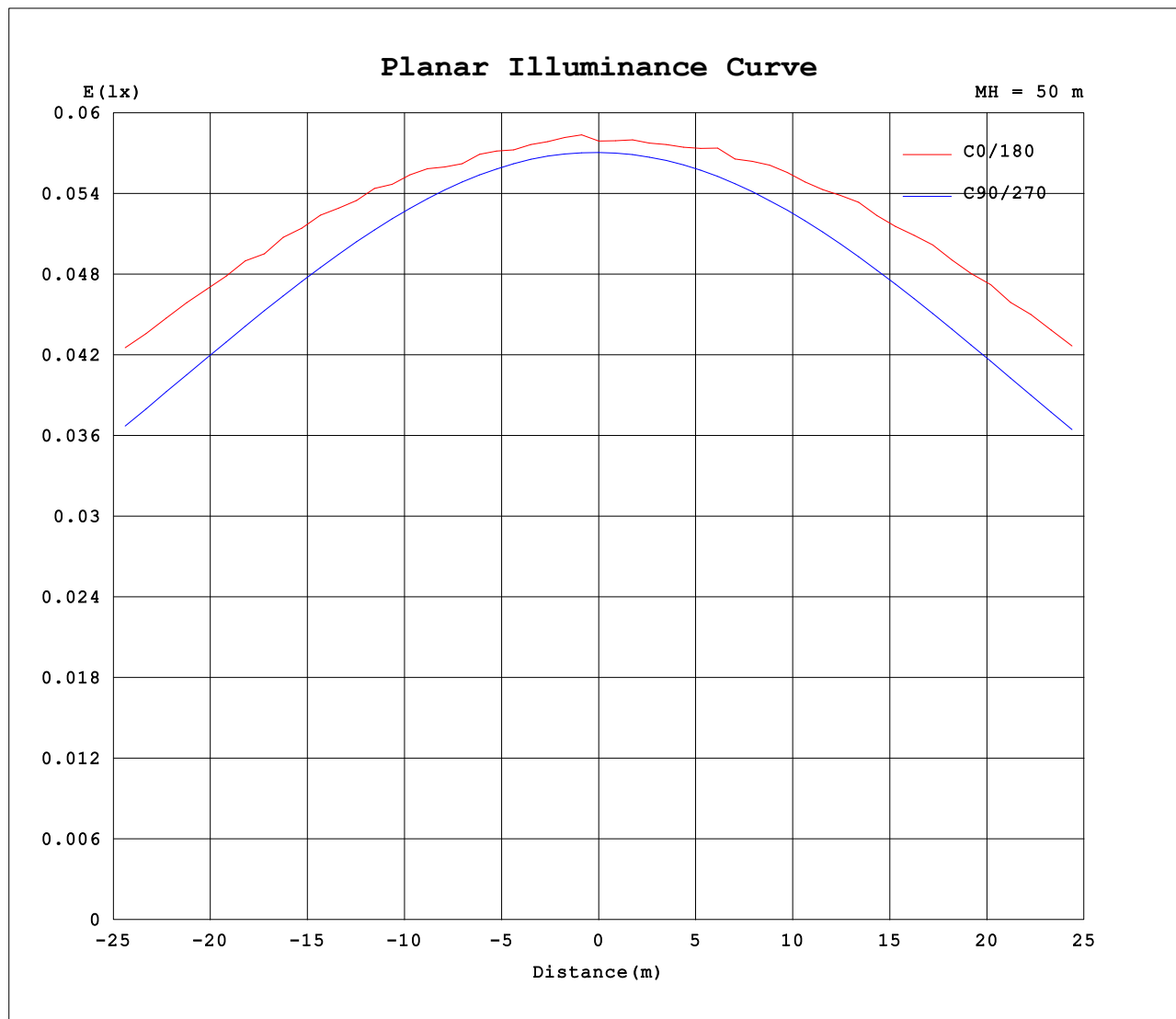
AvgL	cd/m2
L_0~180 (65) av	22057
L_0~180 (75) av	31091
L_0~180 (85) av	77332
L_90~270 (65) av	10165
L_90~270 (75) av	8871
L_90~270 (85) av	5645
L_45 (65) av	17661
L_45 (75) av	23225
L_45 (85) av	53316

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:SENPU
Test Date:2022-12-09

γ Range: 0 - 180DEG
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: 2022-12-09

γ Range: 0 - 180DEG
 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:24.000V I:0.3720A P:8.9200W PF:1.0000 Freq:0Hz Lamp Flux:726.512x1 lm		
NAME: N010120BC1LZ	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
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	145	143	142	143	143	143	143	143	143	143	143	143	145	143	142	143	143	143	143
5	145	143	142	142	142	142	142	142	143	143	143	143	145	143	143	143	142	142	142
10	146	143	142	142	141	141	140	141	142	143	144	145	147	144	143	142	141	140	140
15	147	144	142	141	139	138	137	138	140	142	144	145	148	145	143	142	140	138	137
20	148	144	142	139	136	134	133	135	138	141	143	145	148	145	143	140	137	134	132
25	146	143	141	137	133	129	128	130	134	139	142	145	147	144	141	138	133	129	127
30	145	142	139	134	128	123	121	124	130	135	140	143	146	142	138	134	129	123	120
35	143	140	135	130	123	117	114	118	124	131	136	140	143	139	135	130	123	116	112
40	140	136	132	125	117	109	105	110	118	126	132	137	140	136	131	124	117	108	104
45	137	133	127	119	110	101	96.0	102	110	120	127	133	135	131	126	118	109	99.8	94.5
50	132	128	122	113	102	91.6	86.0	92.5	102	113	122	128	131	126	120	112	101	90.4	84.4
55	125	123	116	106	93.7	82.1	75.4	82.7	93.9	106	115	122	125	121	114	104	92.6	80.6	73.6
60	119	117	110	98.9	85.0	71.9	64.2	72.4	85.0	98.1	108	116	119	114	108	96.5	83.7	70.1	62.3
65	112	111	102	91.0	76.2	61.4	52.6	61.6	75.6	89.8	101	108	112	107	98.9	88.0	74.3	59.4	50.5
70	105	103	94.8	82.7	66.9	50.6	40.6	50.6	66.0	80.9	92.6	101	103	98.9	90.8	78.5	64.6	48.4	38.5
75	97.6	95.3	86.8	74.2	57.7	40.0	28.6	39.8	56.4	71.9	84.1	92.4	95.5	90.8	82.6	70.0	54.0	37.7	26.5
80	89.5	87.1	78.5	66.2	48.6	30.1	17.0	29.5	47.0	63.2	75.7	84.2	87.1	82.7	74.4	61.7	45.4	27.6	15.0
85	81.4	79.0	70.4	57.5	40.4	21.5	6.75	20.9	38.9	55.5	68.1	76.9	80.4	75.4	67.2	54.4	38.1	18.8	5.05
90	74.1	71.8	63.3	50.7	33.8	15.4	0.27	15.1	33.4	50.0	62.7	71.3	74.5	70.1	62.0	49.3	32.2	13.6	0.17
95	68.8	66.3	58.2	45.9	28.3	5.53	0.23	8.82	28.3	46.0	58.4	66.8	70.2	65.6	57.8	45.4	28.4	8.65	0.22
100	64.2	61.8	51.9	36.0	21.8	7.70	0.31	7.42	25.4	42.3	54.2	62.2	65.2	61.1	53.5	41.7	25.3	7.35	0.21
105	59.2	55.2	45.8	37.9	18.7	7.84	0.32	6.53	22.4	38.4	49.9	57.5	59.9	56.4	49.2	37.8	22.6	5.98	0.21
110	54.6	52.6	42.4	30.2	21.2	4.91	0.32	1.18	20.2	34.6	45.3	52.6	55.3	51.6	44.7	34.2	20.2	0.80	0.24
115	49.9	46.5	39.9	32.3	19.6	1.11	0.32	0.35	18.1	31.2	41.0	47.7	49.9	46.7	40.4	30.8	18.2	0.27	0.25
120	45.6	43.8	37.9	29.0	17.1	0.35	0.35	0.35	9.14	27.6	36.8	43.0	45.3	42.0	36.3	27.4	8.34	0.27	0.26
125	41.5	39.2	33.9	25.9	9.08	0.35	0.35	0.35	1.93	23.4	32.5	38.3	39.8	37.4	32.2	22.5	1.67	0.27	0.28
130	36.5	34.8	30.0	21.7	2.59	0.34	0.34	0.35	0.48	10.2	27.7	33.5	35.1	32.6	26.9	8.12	0.32	0.27	0.30
135	31.6	30.4	25.4	10.9	0.64	0.33	0.33	0.35	0.45	2.33	13.8	26.6	28.5	24.0	12.1	1.77	0.33	0.27	0.30
140	25.3	23.1	13.6	3.00	0.38	0.30	0.29	0.34	0.45	0.46	3.18	9.08	10.3	6.61	2.64	0.37	0.36	0.27	0.30
145	10.8	8.68	3.64	0.53	0.34	0.30	0.33	0.35	0.47	0.46	0.50	1.98	2.11	1.24	0.36	0.37	0.33	0.28	0.30
150	2.53	2.04	0.67	0.34	0.33	0.30	0.33	0.35	0.45	0.45	0.48	0.42	0.38	0.42	0.36	0.37	0.35	0.32	0.33
155	0.42	0.36	0.37	0.35	0.33	0.32	0.32	0.36	0.41	0.45	0.47	0.39	0.36	0.42	0.36	0.37	0.35	0.32	0.37
160	0.42	0.34	0.34	0.35	0.32	0.36	0.34	0.35	0.38	0.35	0.45	0.38	0.35	0.42	0.36	0.37	0.32	0.32	0.36
165	0.41	0.34	0.32	0.35	0.35	0.36	0.35	0.35	0.36	0.33	0.40	0.35	0.34	0.38	0.33	0.35	0.35	0.35	0.36
170	0.34	0.27	0.28	0.35	0.35	0.36	0.35	0.35	0.35	0.34	0.31	0.29	0.31	0.32	0.33	0.33	0.36	0.36	0.36
175	0.32	0.27	0.35	0.35	0.35	0.36	0.35	0.35	0.35	0.36	0.32	0.32	0.31	0.32	0.35	0.36	0.36	0.36	0.36
180	0.32	0.33	0.35	0.35	0.36	0.36	0.35	0.35	0.35	0.36	0.35	0.36	0.34	0.33	0.35	0.36	0.36	0.36	0.36

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:SENPU
Test Date:2022-12-09

γ Range: 0 - 180DEG
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:24.000V I:0.3720A P:8.9200W PF:1.0000 Freq:0Hz Lamp Flux:726.512x1 lm		
NAME: N010120BC1LZ	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	143	143	143	143	143														
5	142	142	143	143	143														
10	140	141	142	143	144														
15	137	139	141	143	144														
20	133	136	139	142	144														
25	128	132	137	141	144														
30	122	128	134	139	142														
35	115	122	129	135	139														
40	107	116	124	131	136														
45	98.8	109	118	127	132														
50	89.6	101	112	122	128														
55	79.9	92.3	105	116	122														
60	69.6	83.6	97.5	109	116														
65	58.8	74.5	89.5	102	110														
70	48.0	65.2	81.1	94.0	102														
75	37.4	55.9	72.4	85.8	94.2														
80	27.5	46.8	63.8	77.4	85.9														
85	19.0	38.7	55.7	69.3	77.8														
90	12.9	31.8	49.1	62.5	70.7														
95	4.74	25.0	43.6	57.6	65.7														
100	6.60	19.4	34.5	48.5	58.6														
105	5.82	21.3	31.7	46.3	54.7														
110	2.61	20.0	33.1	41.2	50.0														
115	0.64	17.2	30.4	40.4	47.1														
120	0.29	14.5	27.7	36.7	42.6														
125	0.29	7.60	24.1	32.9	38.2														
130	0.29	2.42	19.3	29.2	33.8														
135	0.29	0.44	8.95	24.0	29.6														
140	0.30	0.37	2.74	12.4	21.4														
145	0.36	0.40	0.48	3.45	7.22														
150	0.35	0.40	0.39	0.49	1.67														
155	0.35	0.42	0.39	0.38	0.42														
160	0.37	0.42	0.39	0.38	0.40														
165	0.37	0.43	0.39	0.38	0.39														
170	0.40	0.43	0.39	0.38	0.38														
175	0.40	0.39	0.39	0.38	0.38														
180	0.38	0.39	0.39	0.38	0.35														

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:SENPU
 Test Date:2022-12-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
 Humidity:61%
 Test Distance:8.000m [K=1.0000]
 Remarks: