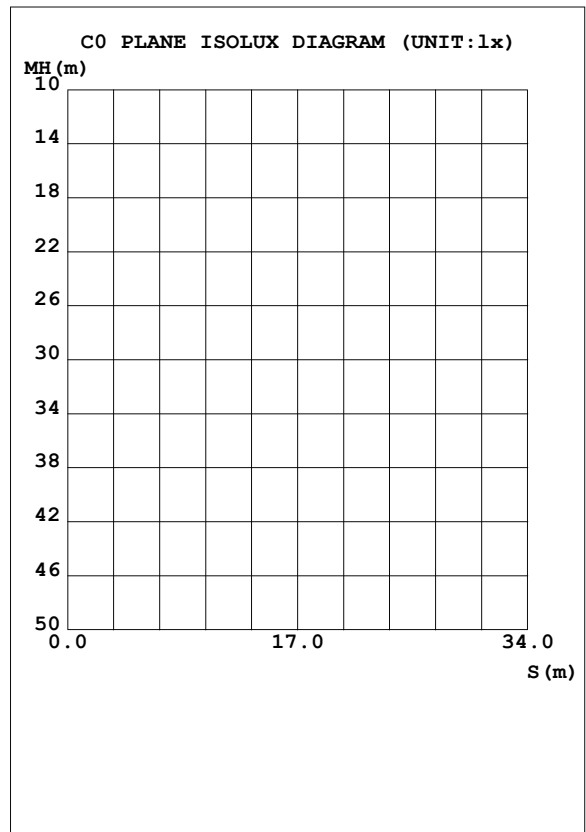
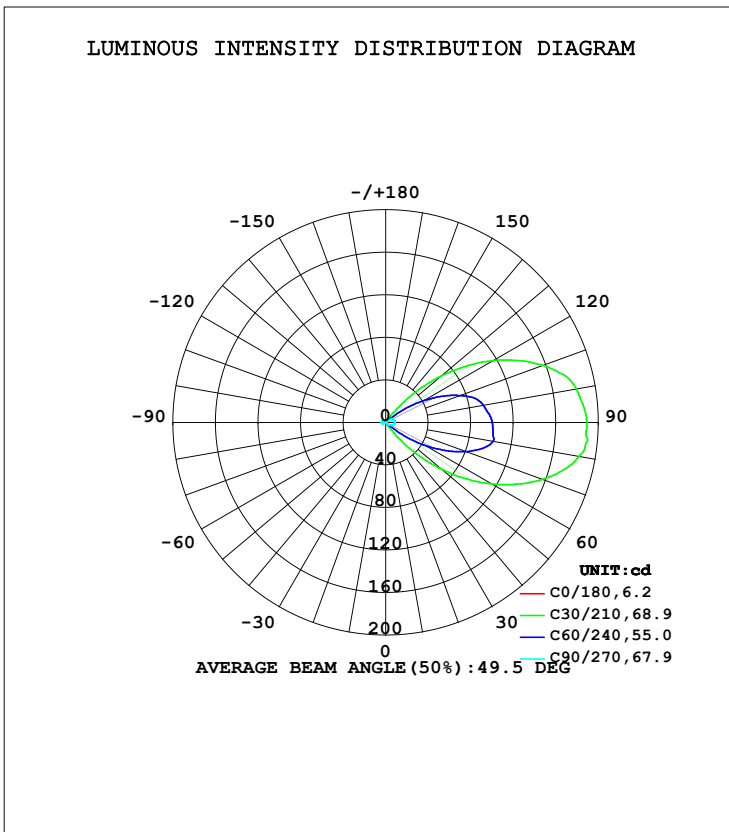


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.49V I:0.0409A P:8.5645W PF:0.9074 Freq:49.99Hz Lamp Flux:374.018x1 lm		
NAME: RB502-7003K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: EUROTECH LIGHTING	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 43.67 lm/W			
MODEL	2835	I _{max} (cd)	222.7	S/MH (C0/180)	0.00
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	0.00
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	374.02	η UP, DN (C0-180)	24.5, 24.7
NOMINAL FLUX (lm)	374.018	CIE CLASS	DIFFUSE	η UP, DN (C180-360)	24.7, 26.1
LAMPS INSIDE	1	η up (%)	49.2	CIBSE SHR NOM	0.00
TEST VOLTAGE (V)	230	η down (%)	50.8	CIBSE SHR MAX	1.00



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: MEDIUM
 Temperature: 25.3DEG
 Operators:
 Test Date: 2022-08-25

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.407.13
 Humidity: 65.0%
 Test Distance: 9.180m [K=1.0000]
 Remarks: 3000K

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

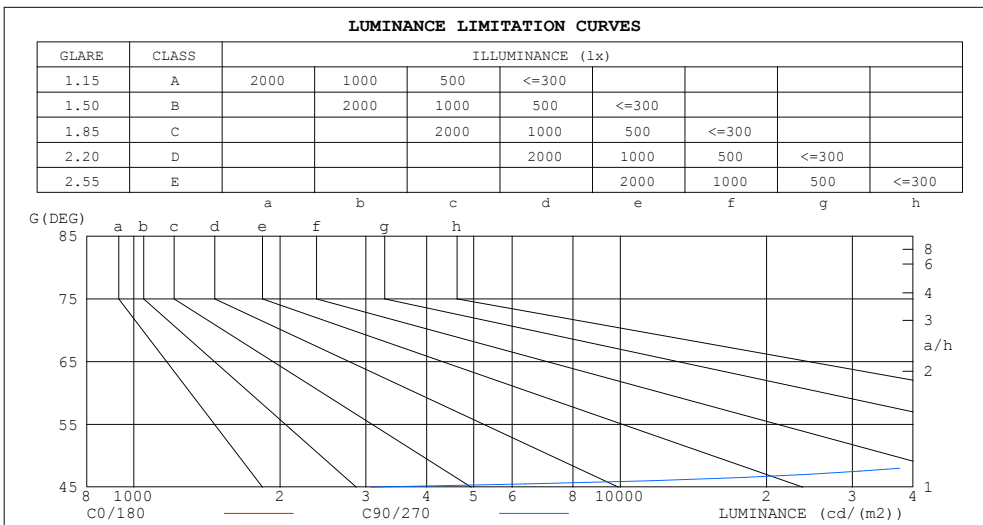
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	0	0	0	0	0	0	0	0	0- 10	0	0	0.00,0.00
20	0	0	0	0	0	0	0	0	10- 20	0	0	0.00,0.00
30	0	0	0	0	0	0	0	0	20- 30	0	0	0.00,0.00
40	0	6.473	0	0	0	0	0	12.99	30- 40	0.8069	0.8069	0.22,0.22
50	0	45.91	2.010	0	0	0	0	56.31	40- 50	7.491	8.298	2.22,2.22
60	0	89.41	5.150	0.5225	0	0	1.102	97.59	50- 60	21.21	29.51	7.89,7.89
70	0	125.6	7.340	0.8261	0	0	3.495	129.9	60- 70	39.17	68.67	18.4,18.4
80	0	147.5	8.244	0.9963	0	0	4.110	144.8	70- 80	56.02	124.7	33.3,33.3
90	0.5546	146.7	8.777	1.278	0	0	3.852	146.1	80- 90	65.31	190.0	50.8,50.8
100	0	137.4	8.643	1.340	0	0	3.392	138.8	90-100	65.00	255.0	68.2,68.2
110	0	117.2	7.975	1.066	0	0	3.819	111.7	100-110	55.43	310.4	83,83
120	0	83.18	6.042	0.5179	0	0	2.350	73.06	110-120	37.74	348.2	93.1,93.1
130	0	42.73	2.551	0	0	0	0	29.51	120-130	19.46	367.6	98.3,98.3
140	0	5.338	0	0	0	0	0	0	130-140	5.989	373.6	99.9,99.9
150	0	0	0	0	0	0	0	0	140-150	0.3883	374.0	100,100
160	0	0	0	0	0	0	0	0	150-160	0	374.0	100,100
170	0	0	0	0	0	0	0	0	160-170	0	374.0	100,100
180	0	0	0	0	0	0	0	0	170-180	0	374.0	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2022-08-25

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.407.13
 Humidity:65.0%
 Test Distance:9.180m [K=1.0000]
 Remarks: 3000K

LUMINANCE LIMITATION CURVES

Test:U:230.49V I:0.0409A P:8.5645W PF:0.9074 Freq:49.99Hz Lamp Flux:374.018x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	0	1910365
80	0	912968
75	0	580058
70	0	412723
65	0	294639
60	0	198072
55	0	123502
50	0	60135
45	0	3074

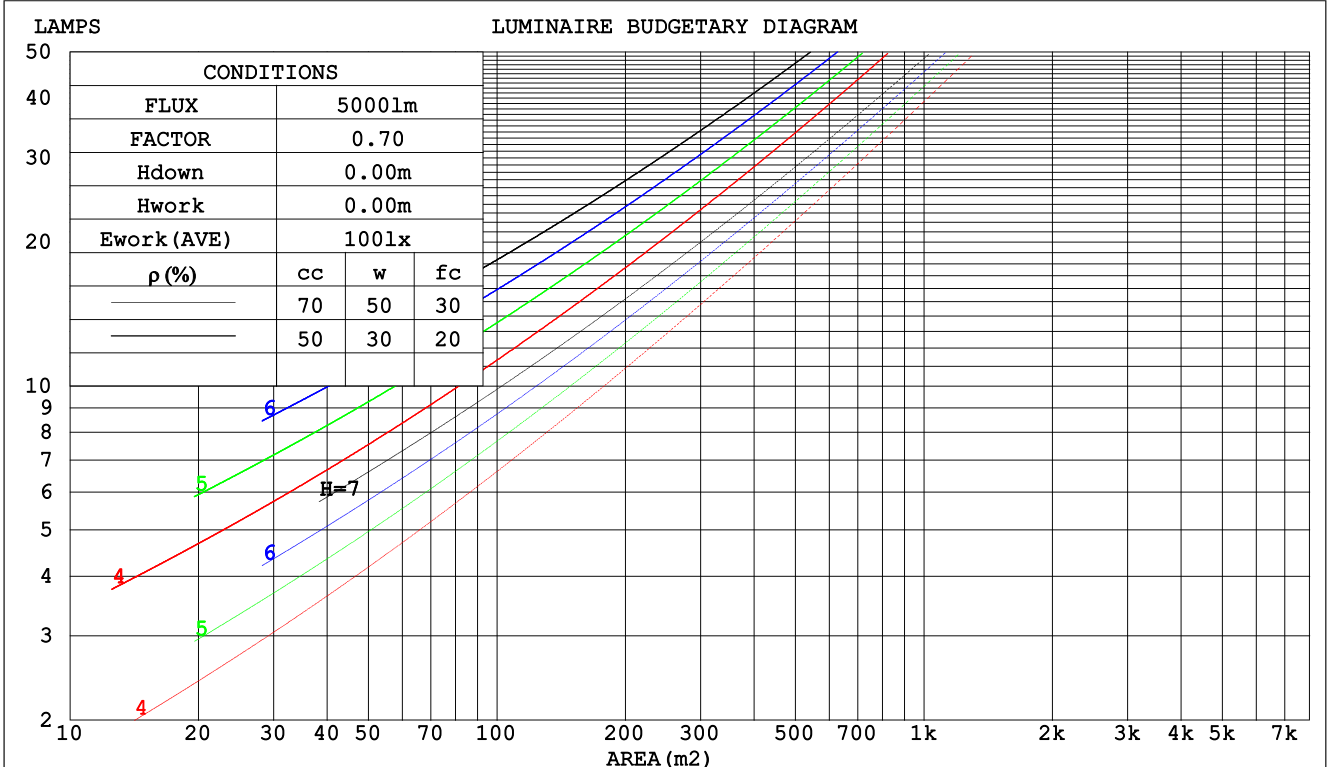
C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2022-08-25

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.407.13
 Humidity:65.0%
 Test Distance:9.180m [K=1.0000]
 Remarks: 3000K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.49V I:0.0409A P:8.5645W PF:0.9074 Freq:49.99Hz Lamp Flux:374.018x1 lm		
	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.:	SUR.:	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pw																
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.07	1.07	1.07	.99	.99	.99	.84	.84	.84	.70	.70	.70	.57	.57	.57	.51
1.0	.81	.73	.67	.74	.67	.61	.60	.55	.50	.48	.44	.40	.36	.33	.30	.24
2.0	.66	.56	.48	.60	.51	.44	.48	.41	.35	.37	.32	.27	.27	.23	.19	.14
3.0	.55	.45	.37	.50	.41	.33	.40	.32	.26	.30	.24	.19	.22	.17	.13	.08
4.0	.48	.37	.29	.43	.33	.26	.34	.26	.20	.26	.20	.15	.18	.13	.09	.05
5.0	.42	.31	.24	.37	.28	.21	.30	.22	.16	.22	.16	.12	.16	.11	.07	.03
6.0	.37	.27	.20	.33	.24	.17	.26	.19	.13	.20	.14	.09	.14	.09	.06	.02
7.0	.33	.23	.17	.30	.21	.15	.24	.16	.11	.18	.12	.08	.13	.08	.05	.02
8.0	.30	.20	.14	.27	.18	.13	.21	.14	.10	.16	.11	.07	.11	.07	.04	.01
9.0	.27	.18	.12	.24	.16	.11	.19	.13	.08	.15	.10	.06	.11	.06	.03	.01
10.0	.24	.16	.11	.22	.15	.10	.18	.12	.07	.14	.09	.05	.10	.06	.03	.01



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2022-08-25

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.407.13
 Humidity:65.0%
 Test Distance:9.180m [K=1.0000]
 Remarks: 3000K

WEC AND CCEC

Test:U:230.49V I:0.0409A P:8.5645W PF:0.9074 Freq:49.99Hz Lamp Flux:374.018x1 lm		
NAME: 17502-700	TYPE:灯灯	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
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	.526	.299	.095	.503	.287	.091	.461	.264	.084	.422	.243	.078	.386	.224	.072	
2.0	.413	.226	.069	.392	.216	.067	.353	.196	.061	.318	.178	.056	.285	.161	.051	
3.0	.346	.184	.055	.328	.175	.053	.292	.158	.048	.260	.142	.044	.229	.127	.039	
4.0	.300	.156	.046	.283	.148	.044	.251	.133	.040	.220	.118	.036	.192	.105	.032	
5.0	.265	.135	.039	.250	.128	.037	.220	.114	.034	.192	.101	.030	.166	.089	.027	
6.0	.238	.119	.034	.224	.113	.033	.196	.101	.029	.171	.089	.026	.147	.077	.023	
7.0	.216	.107	.030	.203	.101	.029	.177	.090	.026	.154	.079	.023	.131	.068	.020	
8.0	.198	.097	.027	.186	.091	.026	.162	.081	.023	.140	.071	.020	.119	.061	.018	
9.0	.183	.088	.025	.171	.083	.023	.149	.074	.021	.129	.064	.018	.109	.055	.016	
10.0	.169	.081	.023	.159	.077	.021	.138	.068	.019	.119	.059	.017	.101	.051	.015	

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	.565	.565	.565	.483	.483	.483	.330	.330	.330	.189	.189	.189	.061	.061	.061	
1.0	.573	.532	.495	.490	.457	.426	.335	.314	.295	.193	.182	.171	.062	.059	.055	
2.0	.569	.512	.464	.487	.441	.401	.334	.305	.280	.193	.177	.164	.062	.057	.053	
3.0	.562	.497	.446	.482	.429	.387	.331	.298	.271	.191	.174	.160	.061	.057	.052	
4.0	.554	.486	.435	.475	.420	.378	.327	.293	.266	.189	.172	.157	.061	.056	.052	
5.0	.545	.478	.428	.468	.413	.372	.323	.289	.263	.187	.169	.156	.060	.055	.051	
6.0	.537	.470	.422	.462	.407	.368	.319	.285	.260	.185	.168	.155	.060	.055	.051	
7.0	.530	.464	.419	.456	.402	.365	.315	.282	.258	.183	.166	.154	.059	.054	.051	
8.0	.522	.459	.416	.450	.398	.362	.311	.280	.257	.181	.165	.153	.059	.054	.051	
9.0	.516	.455	.413	.444	.395	.361	.308	.277	.256	.179	.164	.153	.058	.054	.051	
10.0	.510	.451	.411	.439	.391	.359	.305	.275	.255	.178	.163	.152	.058	.053	.050	

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2022-08-25

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.407.13
 Humidity:65.0%
 Test Distance:9.180m [K=1.0000]
 Remarks: 3000K

UGR(Unified Glare Rating) Table

Test:U:230.49V I:0.0409A P:8.5645W PF:0.9074 Freq:49.99Hz Lamp Flux:374.018x1 lm											
						TYPE:	WEIGHT:				
SPEC.:						DIM.:	SERIAL No.:001				
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	43.5	44.7	44.4	45.7	46.8	35.6	36.8	36.4	37.7	38.9	
3H	47.7	48.8	48.6	49.8	51.0	38.5	39.6	39.4	40.5	41.8	
4H	50.0	51.0	50.8	52.0	53.2	39.1	40.1	40.0	41.1	42.3	
6H	52.2	53.2	53.1	54.2	55.4	39.1	40.1	40.0	41.0	42.3	
8H	53.1	54.1	54.0	55.0	56.3	39.2	40.1	40.1	41.1	42.4	
12H	53.8	54.7	54.7	55.7	56.9	39.5	40.4	40.4	41.4	42.6	
4H 2H	45.6	46.7	46.5	47.6	48.9	43.1	44.1	44.0	45.1	46.3	
3H	50.5	51.4	51.4	52.4	53.6	45.9	46.8	46.8	47.8	49.1	
4H	53.1	54.0	54.0	54.9	56.2	47.2	48.1	48.2	49.1	50.4	
6H	55.8	56.6	56.7	57.6	58.9	48.2	49.0	49.1	50.0	51.3	
8H	57.1	57.9	58.1	58.9	60.2	48.3	49.0	49.2	50.0	51.3	
12H	58.3	59.0	59.3	60.0	61.4	48.2	48.9	49.2	49.9	51.2	
8H 4H	54.1	54.8	55.0	55.8	57.1	50.9	51.7	51.9	52.7	54.0	
6H	57.3	58.0	58.3	59.0	60.3	52.6	53.3	53.6	54.3	55.6	
8H	59.1	59.7	60.1	60.7	62.0	53.3	53.9	54.3	54.9	56.3	
12H	60.9	61.4	61.9	62.5	63.8	53.7	54.3	54.7	55.3	56.7	
12H 4H	54.2	54.9	55.2	55.9	57.2	52.0	52.7	53.0	53.7	55.0	
6H	57.6	58.2	58.6	59.2	60.6	54.1	54.7	55.1	55.7	57.0	
8H	59.5	60.1	60.5	61.1	62.5	55.1	55.6	56.1	56.6	58.0	
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1					
1.5H	+ 0.3 / - 0.3					+ 0.1 / - 0.1					
2.0H	+ 0.6 / - 0.7					+ 0.2 / - 0.3					

CIE Pub.117, 374.0 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -3.4)
 Area: 5.2e-005 m2

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2022-08-25

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.407.13
 Humidity:65.0%
 Test Distance:9.180m [K=1.0000]
 Remarks: 3000K

UTILIZATION FACTORS TABLE

Test:U:230.49V I:0.0409A P:8.5645W PF:0.9074 Freq:49.99Hz Lamp Flux:374.018x1 lm		
	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.:	SUR.:	Shielding Angle:

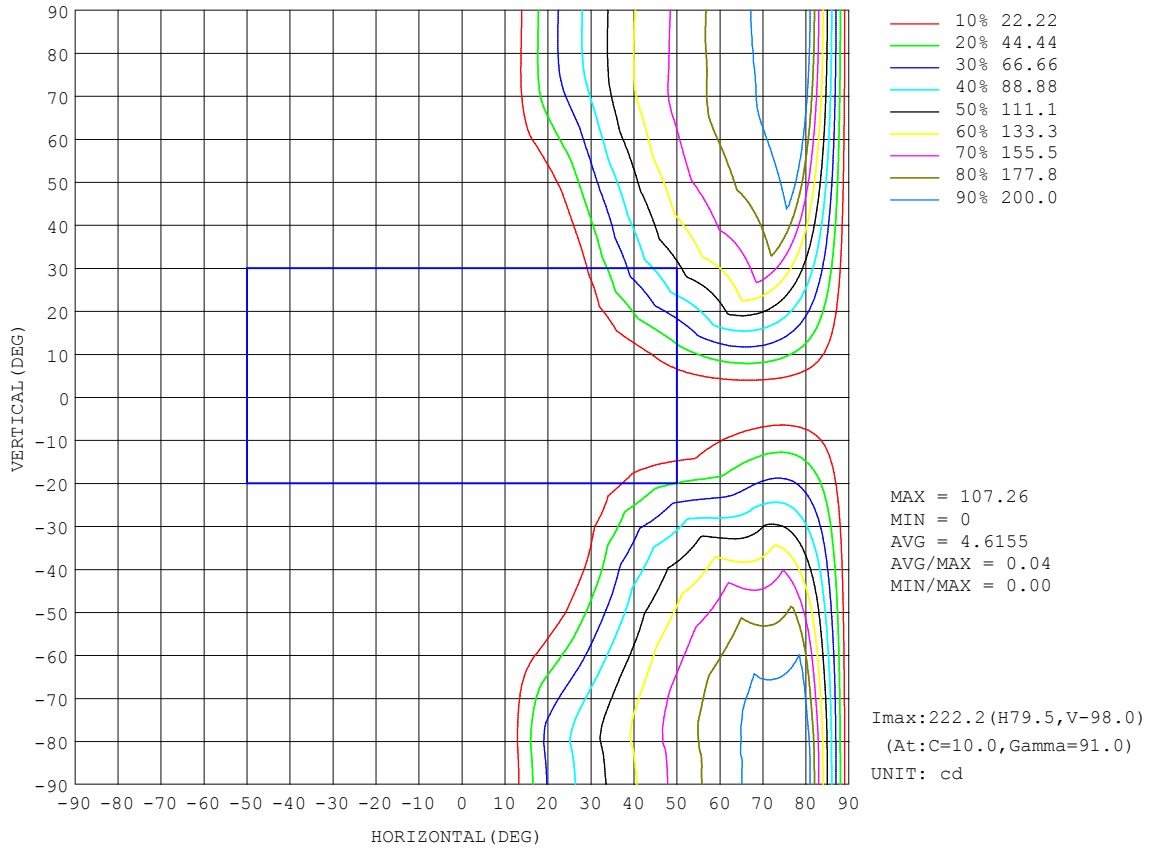
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	30	16	8	29	15	8	26	14	7	0
0.80	37	22	12	35	21	12	31	18	10	1
1.00	44	27	17	41	26	16	35	25	14	3
1.25	50	33	22	47	31	21	40	27	18	5
1.50	56	39	27	51	36	25	44	31	22	7
2.00	64	48	36	59	44	33	49	38	29	11
2.50	69	54	43	64	50	40	54	43	34	14
3.00	74	60	49	68	55	45	57	47	38	17
4.00	80	68	57	73	62	53	61	53	45	21
5.00	84	73	64	77	68	59	65	57	50	25
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHR NOM = 1.25			

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2022-08-25

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.407.13
 Humidity:65.0%
 Test Distance:9.180m [K=1.0000]
 Remarks: 3000K

ISOCANDELA DIAGRAM

Test:U:230.49V I:0.0409A P:8.5645W PF:0.9074 Freq:49.99Hz Lamp Flux:374.018x1 lm		
	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.:	SUR.:	Shielding Angle:

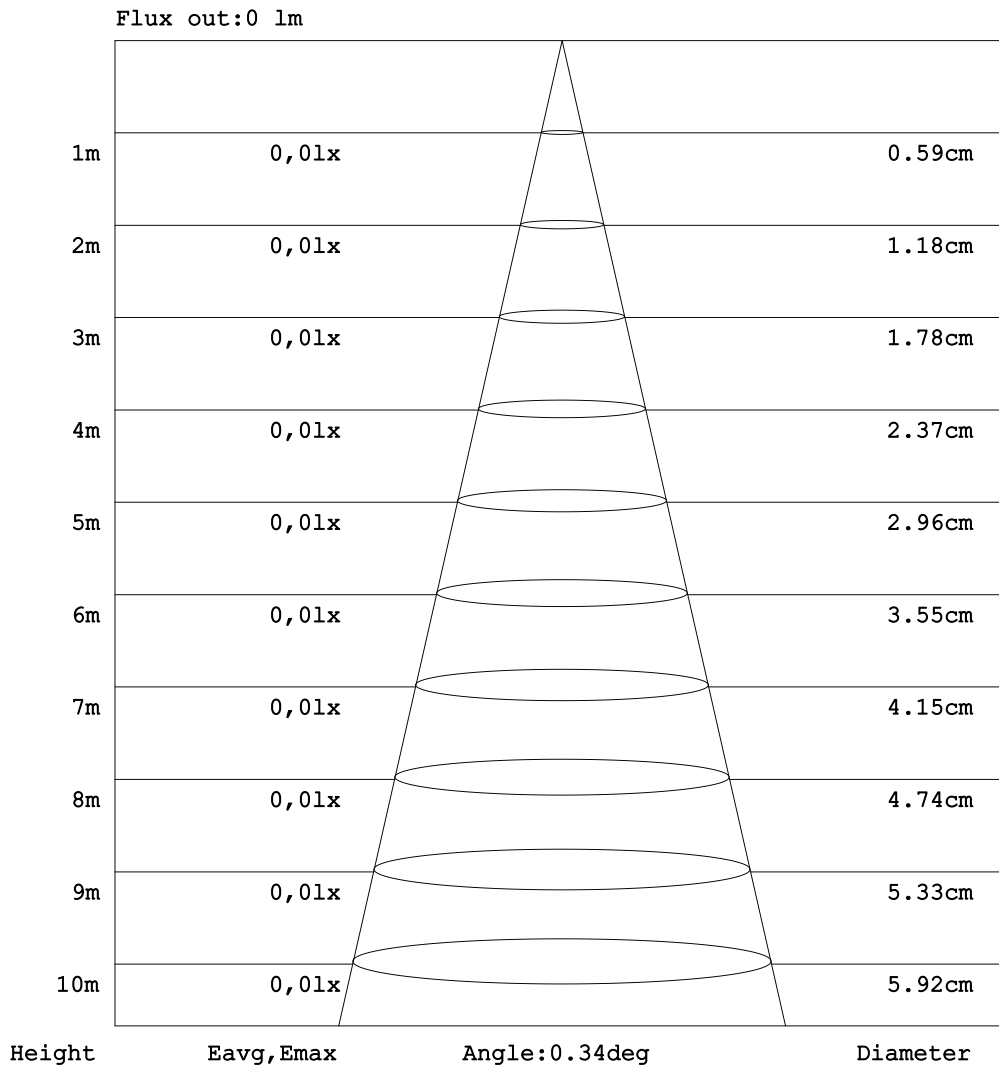


C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2022-08-25

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.407.13
 Humidity:65.0%
 Test Distance:9.180m [K=1.0000]
 Remarks: 3000K

AAI Figure

Test:U:230.49V I:0.0409A P:8.5645W PF:0.9074 Freq:49.99Hz Lamp Flux:374.018x1 lm		
	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.:	SUR.:	Shielding Angle:



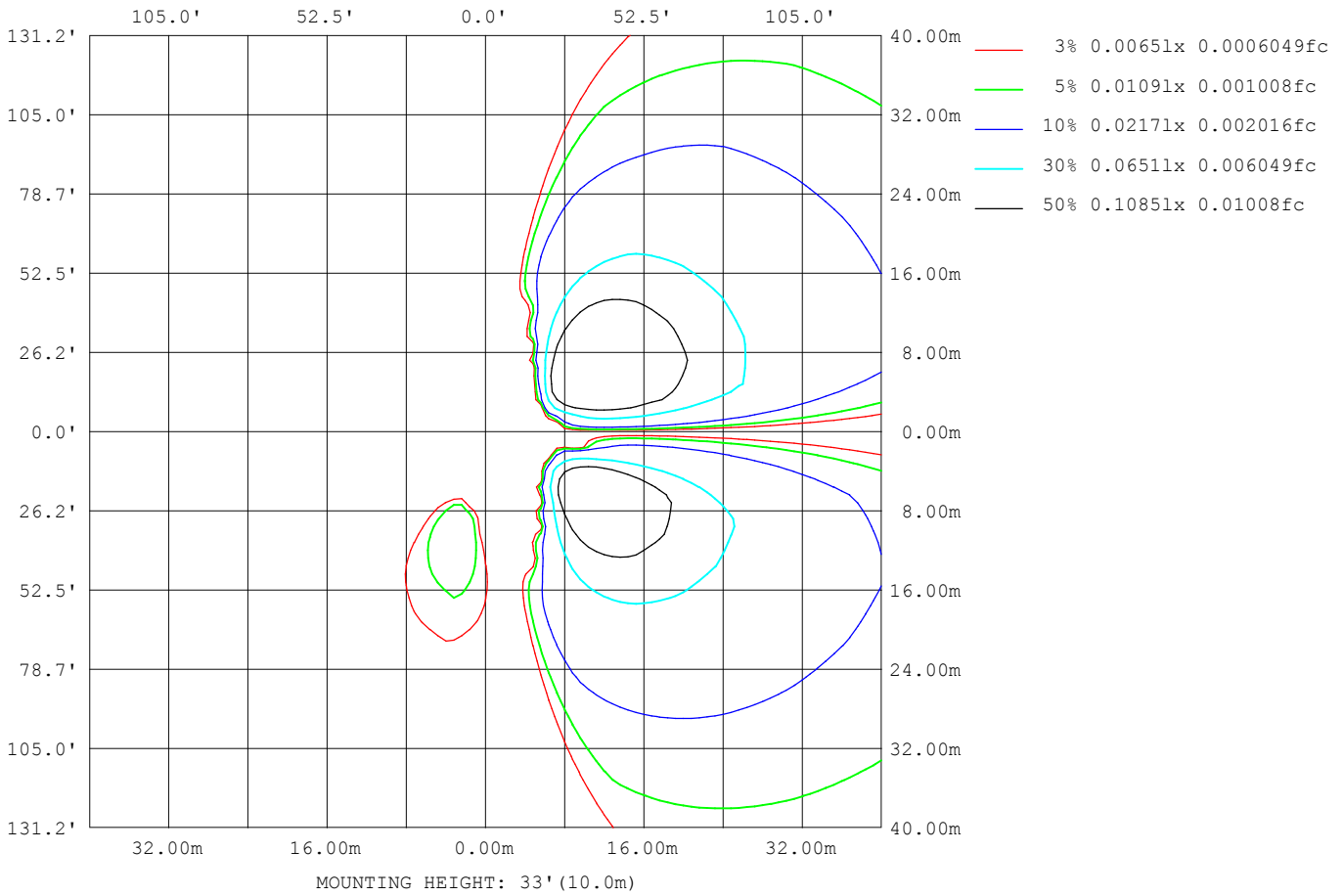
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2022-08-25

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.407.13
 Humidity:65.0%
 Test Distance:9.180m [K=1.0000]
 Remarks: 3000K

ISOLUX DIAGRAM

Test:U:230.49V I:0.0409A P:8.5645W PF:0.9074 Freq:49.99Hz Lamp Flux:374.018x1 lm		
	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2022-08-25

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.407.13
 Humidity:65.0%
 Test Distance:9.180m [K=1.0000]
 Remarks: 3000K

LED Avg.L Report

Test:U:230.49V I:0.0409A P:8.5645W PF:0.9074 Freq:49.99Hz Lamp Flux:374.018x1 lm		
	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.:	SUR.:	Shielding Angle:

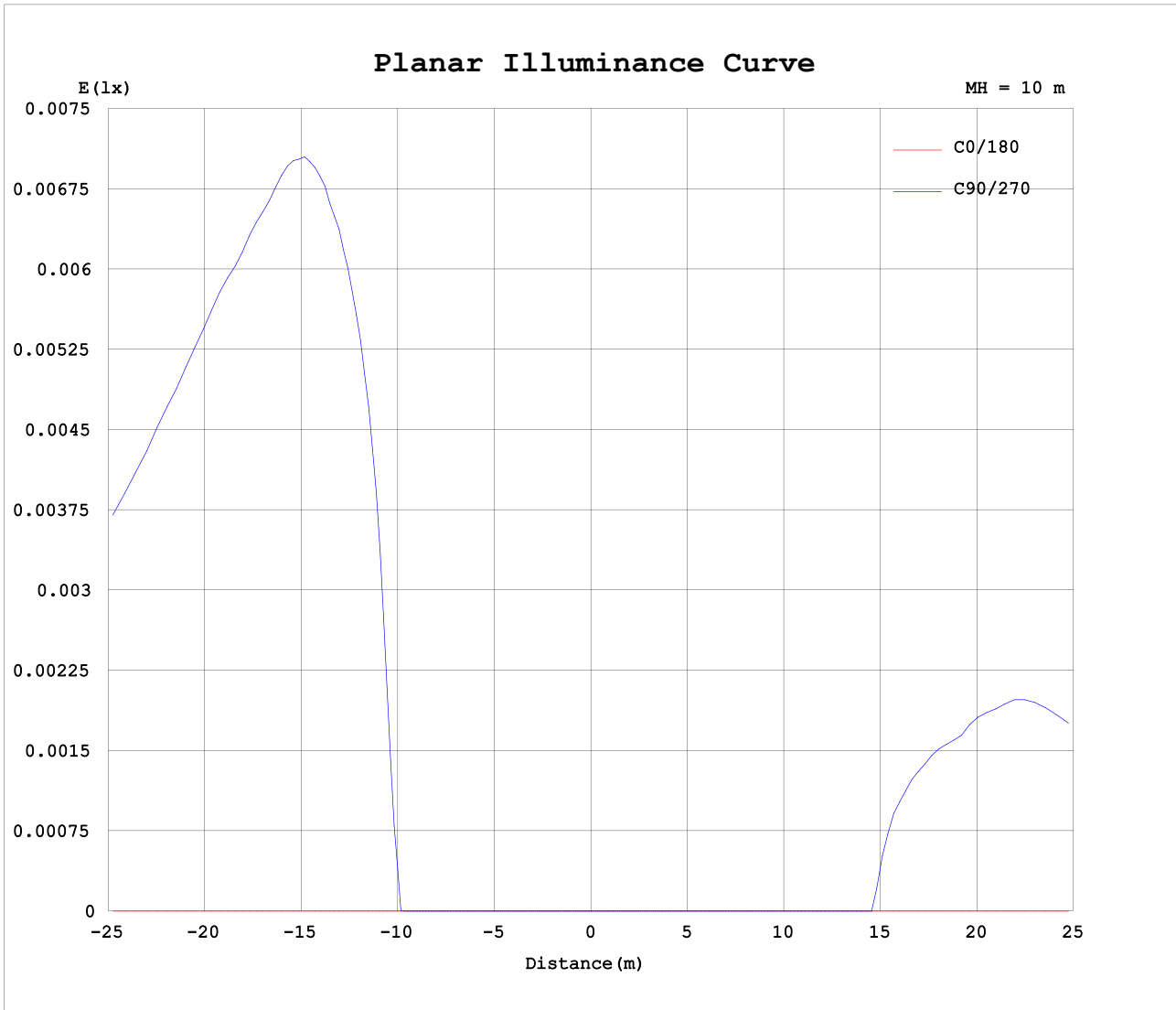
AvgL	cd/m2
L_0~180 (65) av	0
L_0~180 (75) av	0
L_0~180 (85) av	0
L_90~270 (65) av	205710
L_90~270 (75) av	423475
L_90~270 (85) av	1410311
L_45 (65) av	2585870
L_45 (75) av	5239149
L_45 (85) av	16305399

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2022-08-25

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.407.13
 Humidity:65.0%
 Test Distance:9.180m [K=1.0000]
 Remarks: 3000K

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: MEDIUM
 Temperature: 25.3DEG
 Operators:
 Test Date: 2022-08-25

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.407.13
 Humidity: 65.0%
 Test Distance: 9.180m [K=1.0000]
 Remarks: 3000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.49V I:0.0409A P:8.5645W PF:0.9074 Freq:49.99Hz Lamp Flux:374.018x1 lm		
	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.:	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C (DEG) \ γ (DEG)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	0.00	0.00	0.00	1.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40	0.00	0.00	13.0	21.2	12.9	0.00	0.00	0.00	0.00	0.00	2.30	3.45	1.40	0.00	0.00	0.00	0.00	0.00	0.00
45	0.00	1.89	29.6	43.9	36.1	10.6	0.00	0.00	0.00	0.11	4.78	5.03	2.65	0.00	0.00	0.00	0.00	0.00	0.00
50	0.00	9.73	50.3	68.3	59.7	32.1	6.29	0.00	0.00	2.01	6.55	6.04	3.57	0.00	0.00	0.00	0.00	0.00	0.00
55	0.00	20.6	75.2	92.6	82.5	54.0	24.8	2.73	0.00	3.68	7.97	6.67	4.19	0.59	0.00	0.00	0.00	0.00	0.00
60	0.00	35.7	103	116	104	75.2	44.1	18.5	0.00	5.15	8.58	7.09	4.63	1.04	0.00	0.00	0.00	0.00	0.00
65	0.00	57.0	130	137	123	94.6	62.9	35.0	0.00	6.48	8.83	7.38	5.00	1.39	0.00	0.00	0.00	0.00	0.00
70	0.00	87.5	156	157	140	112	80.3	50.8	0.00	7.34	8.85	7.54	5.27	1.65	0.00	0.00	0.00	0.00	0.00
75	0.00	127	179	173	153	125	94.4	63.3	0.00	7.81	8.81	7.61	5.37	1.88	0.00	0.00	0.00	0.00	0.00
80	0.00	168	198	185	162	133	103	71.2	0.00	8.24	8.87	7.67	5.38	1.99	0.00	0.00	0.00	0.00	0.00
85	0.00	204	208	191	163	133	101	69.9	0.00	8.66	9.03	7.87	5.73	2.24	0.00	0.00	0.00	0.00	0.00
90	0.55	222	210	189	162	131	100	68.5	0.00	8.78	9.28	8.76	6.09	2.56	0.00	0.00	0.00	0.00	0.00
95	2.16	218	208	186	158	127	97.3	67.0	0.00	8.85	9.32	8.98	6.21	2.67	0.00	0.00	0.00	0.00	0.00
100	0.00	193	203	182	153	122	93.3	64.6	0.00	8.64	9.26	8.33	6.20	2.68	0.00	0.00	0.00	0.00	0.00
105	0.00	151	188	173	145	115	87.5	59.6	0.00	8.40	9.24	8.21	6.00	2.49	0.00	0.00	0.00	0.00	0.00
110	0.00	105	165	157	132	102	74.4	47.5	0.00	7.98	9.20	7.94	5.58	2.13	0.00	0.00	0.00	0.00	0.00
115	0.00	65.3	138	138	115	86.9	58.4	32.4	0.00	7.20	8.98	7.58	5.04	1.64	0.00	0.00	0.00	0.00	0.00
120	0.00	38.0	109	117	97.1	69.3	41.2	16.5	0.00	6.04	8.42	6.98	4.40	1.04	0.00	0.00	0.00	0.00	0.00
125	0.00	19.8	78.7	92.7	76.2	50.4	23.8	2.40	0.00	4.57	7.56	6.10	3.51	0.23	0.00	0.00	0.00	0.00	0.00
130	0.00	7.82	50.9	67.8	54.7	30.8	6.69	0.00	0.00	2.55	6.07	5.00	2.41	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	28.2	42.6	32.2	11.3	0.00	0.00	0.00	0.59	3.83	3.62	1.10	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	10.6	19.2	10.7	0.00	0.00	0.00	0.00	0.00	1.05	1.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145	0.00	0.00	0.00	1.30	0.00	0.00	0.00	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: 10.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2022-08-25

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.407.13
 Humidity:65.0%
 Test Distance:9.180m [K=1.0000]
 Remarks: 3000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.49V I:0.0409A P:8.5645W PF:0.9074 Freq:49.99Hz Lamp Flux:374.018x1 lm		
	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.:	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C (DEG) γ (DEG)	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350		
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.71	11.0	9.32	0.00		
40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.97	22.0	32.9	27.0	8.73		
45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.21	23.1	45.7	57.7	48.6	22.0		
50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.06	0.00	0.00	0.00	16.0	43.7	68.9	82.6	73.5	39.4		
55	0.00	0.00	0.00	0.00	0.00	0.00	0.38	2.68	0.00	0.00	7.29	32.0	64.1	90.9	106	99.6	61.6		
60	0.00	0.00	0.00	0.00	0.00	0.00	0.95	3.57	1.10	0.00	21.8	48.0	83.8	111	128	125	89.1		
65	0.00	0.00	0.00	0.00	0.00	0.00	1.30	3.84	2.57	0.00	34.8	63.2	102	129	146	147	120		
70	0.00	0.00	0.00	0.00	0.00	0.00	1.51	4.09	3.50	0.00	45.5	76.7	116	143	162	167	151		
75	0.00	0.00	0.00	0.00	0.00	0.00	1.64	4.11	3.59	0.00	52.9	88.5	127	154	174	184	178		
80	0.00	0.00	0.00	0.00	0.00	0.00	1.70	4.08	4.11	0.00	56.1	94.5	131	158	182	197	202		
85	0.00	0.00	0.00	0.00	0.00	0.00	1.67	3.87	4.13	0.00	57.2	96.7	133	160	185	202	216		
90	0.00	0.00	0.00	0.00	0.00	0.00	1.44	3.49	3.85	0.00	57.0	97.1	133	160	186	205	222		
95	0.00	0.00	0.00	0.00	0.00	0.00	1.17	2.91	3.42	0.00	55.2	95.7	130	158	184	204	219		
100	0.00	0.00	0.00	0.00	0.00	0.00	0.90	2.23	3.39	0.00	53.0	92.1	124	153	181	200	210		
105	0.00	0.00	0.00	0.00	0.00	0.00	1.04	2.38	3.64	0.00	47.3	84.8	113	143	172	189	190		
110	0.00	0.00	0.00	0.00	0.00	0.00	1.24	2.62	3.82	0.00	37.6	73.5	96.8	127	156	172	165		
115	0.00	0.00	0.00	0.00	0.00	0.00	1.19	2.64	3.41	0.00	25.8	60.5	78.7	108	137	151	136		
120	0.00	0.00	0.00	0.00	0.00	0.00	0.82	2.22	2.35	0.00	11.9	45.7	59.0	87.1	115	127	105		
125	0.00	0.00	0.00	0.00	0.00	0.00	0.19	1.45	0.63	0.00	0.00	29.9	38.3	65.2	91.5	101	74.2		
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.36	0.00	0.00	0.00	14.0	16.9	42.1	67.2	74.5	47.8		
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	0.01	19.0	42.5	47.6	26.7		
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	17.4	23.0	9.85		
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	2.98	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		
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		
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		
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		
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		
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		
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		

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2022-08-25

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.407.13
 Humidity:65.0%
 Test Distance:9.180m [K=1.0000]
 Remarks: 3000K