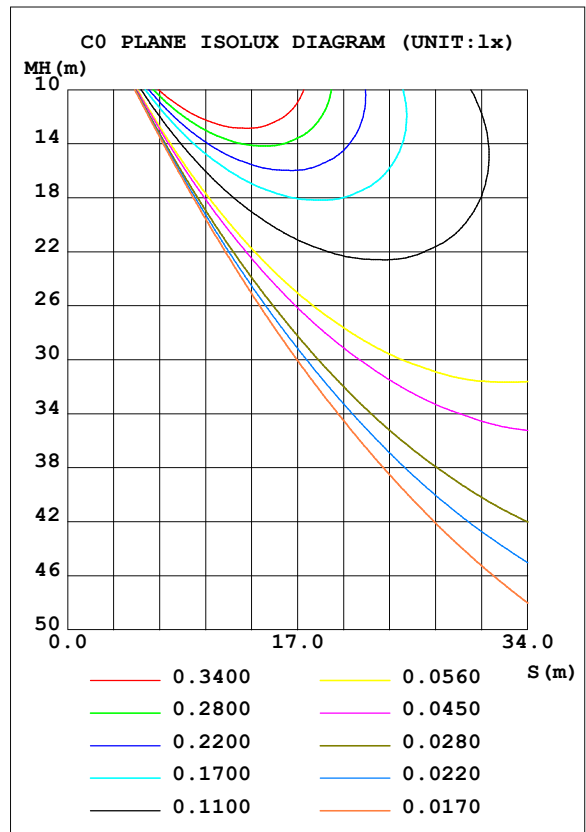
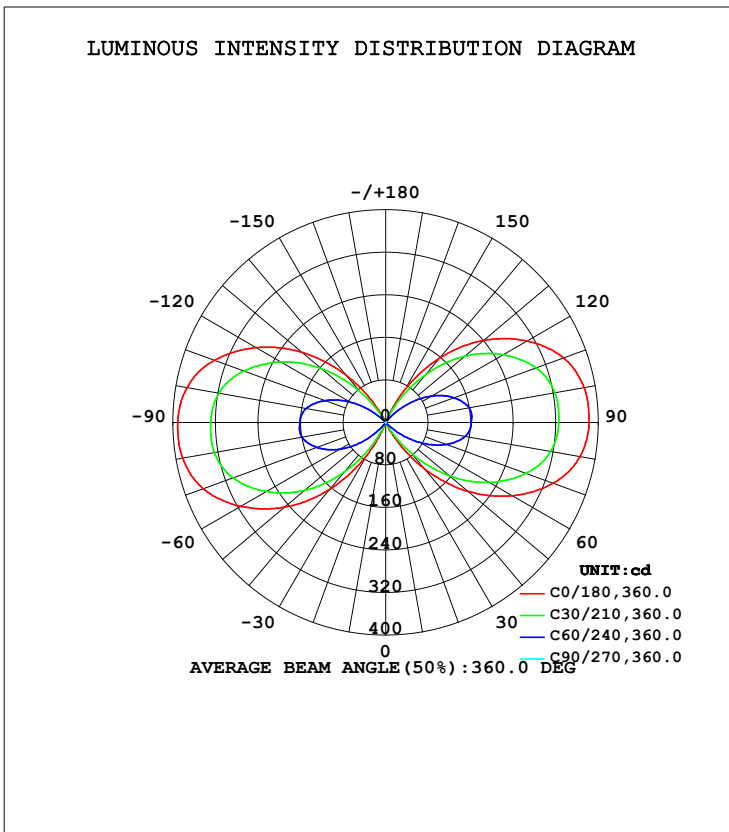


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.45V I:0.0803A P:16.777W PF:0.9067 Freq:49.99Hz Lamp Flux:1626.57x1 lm		
NAME: RB702-6003K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: EUROTECH LIGHTING	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	2835	Imax (cd)	391.4	S/MH (C0/180)	0.00
NOMINAL POWER (W)	17	LOR (%)	100.0	S/MH (C90/270)	0.00
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	1626.6	η UP, DN (C0-180)	25.3,25.1
NOMINAL FLUX (lm)	1626.57	CIE CLASS	DIFFUSE	η UP, DN (C180-360)	24.3,25.4
LAMPS INSIDE	1	η up (%)	49.6	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)	230	η down (%)	50.4	CIBSE SHR MAX	1.55



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:

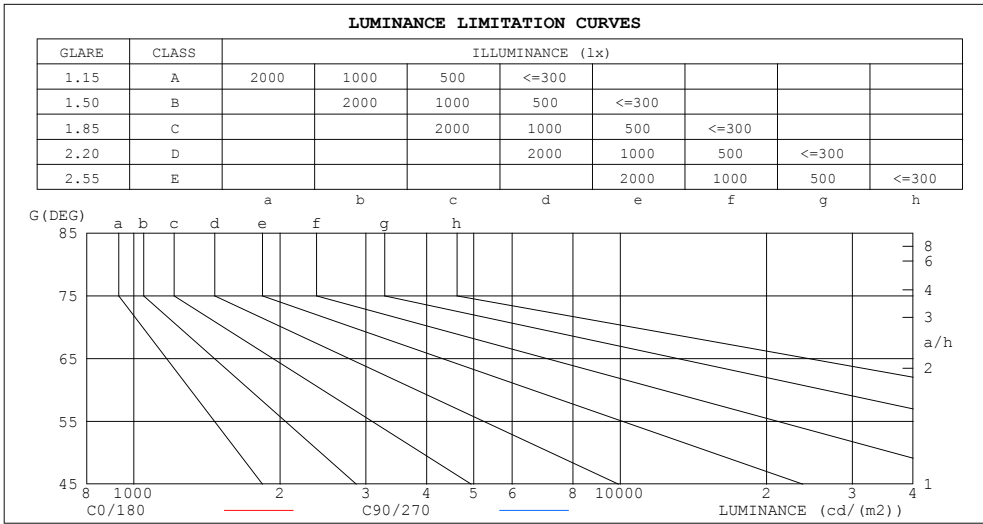
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	0	0	0	0	0	0	0	0	0- 10	0	0	0.00,0.00
20	0	0	0	0	0	0	0	0	10- 20	0	0	0.00,0.00
30	27.20	0	0	4.953	71.63	9.463	0	0	20- 30	2.305	2.305	0.14,0.14
40	114.1	32.43	0	52.89	164.7	69.07	0	17.71	30- 40	21.89	24.20	1.49,1.49
50	201.3	98.00	0	114.1	247.9	134.5	0	76.12	40- 50	62.52	86.71	5.33,5.33
60	275.6	160.7	0	167.7	315.2	189.8	0	135.2	50- 60	115.2	201.9	12.4,12.4
70	334.5	210.7	0	207.4	365.0	231.1	0	183.2	60- 70	169.4	371.3	22.8,22.8
80	370.9	243.6	0	228.5	387.7	252.9	0	214.9	70- 80	213.6	584.9	36,36
90	382.4	253.0	0	229.9	391.0	254.2	0	217.3	80- 90	235.3	820.2	50.4,50.4
100	379.1	251.3	0	219.7	379.2	244.7	0	185.5	90-100	232.8	1053	64.7,64.7
110	356.1	228.8	0	185.9	342.7	211.5	0	203.3	100-110	209.3	1262	77.6,77.6
120	306.5	187.2	0	136.6	281.8	160.9	0	164.3	110-120	166.1	1428	87.8,87.8
130	240.0	131.5	0	76.36	205.2	97.78	0	111.4	120-130	113.2	1542	94.8,94.8
140	158.6	66.69	0	17.36	115.7	31.76	0	51.18	130-140	61.43	1603	98.6,98.6
150	68.27	8.725	0	0	27.17	0	0	4.418	140-150	21.34	1624	99.9,99.9
160	0	0	0	0	0	0	0	0	150-160	2.156	1627	100,100
170	0	0	0	0	0	0	0	0	160-170	0	1627	100,100
180	0	0	0	0	0	0	0	0	170-180	0	1627	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:230.45V I:0.0803A P:16.777W PF:0.9067 Freq:49.99Hz Lamp Flux:1626.57x1 lm		
	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	83713950	0
80	41070441	0
75	26482405	0
70	18805585	0
65	13991458	0
60	10601186	0
55	8069075	0
50	6023097	0
45	4313831	0

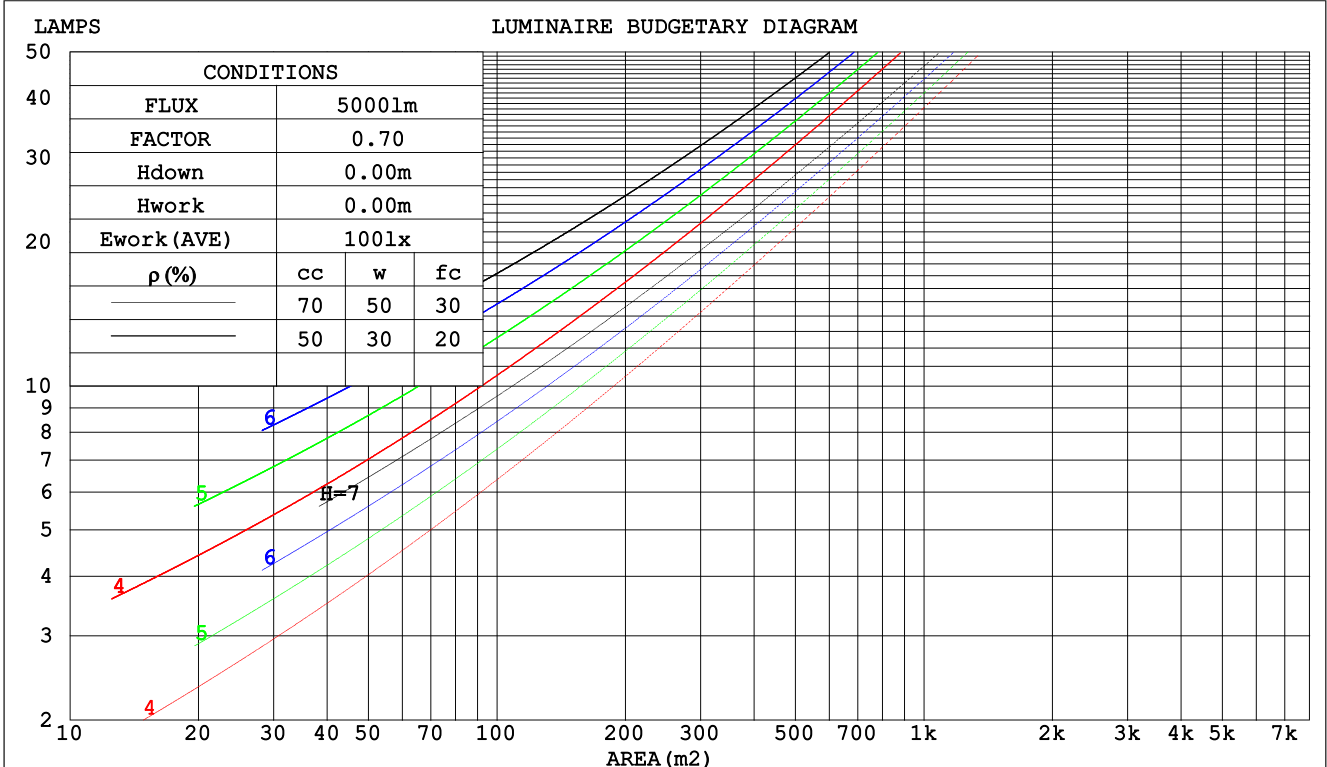
C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2022-08-25

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:230.45V I:0.0803A P:16.777W PF:0.9067 Freq:49.99Hz Lamp Flux:1626.57x1 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																0
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	.69	.69	.69	.57	.57	.57	.50
1.0	.83	.76	.70	.75	.69	.64	.62	.57	.53	.49	.46	.42	.38	.35	.33	.27
2.0	.68	.59	.51	.62	.54	.47	.50	.44	.38	.39	.34	.30	.29	.25	.22	.17
3.0	.57	.47	.39	.52	.43	.36	.42	.35	.29	.32	.27	.22	.24	.19	.16	.11
4.0	.49	.39	.31	.45	.35	.28	.36	.28	.23	.28	.22	.17	.20	.15	.12	.07
5.0	.43	.33	.25	.39	.30	.23	.31	.24	.18	.24	.18	.13	.17	.13	.09	.05
6.0	.38	.28	.21	.34	.25	.19	.28	.20	.15	.21	.15	.11	.15	.11	.07	.04
7.0	.34	.24	.18	.31	.22	.16	.25	.18	.13	.19	.13	.09	.13	.09	.06	.03
8.0	.30	.21	.15	.28	.19	.14	.22	.15	.11	.17	.12	.08	.12	.08	.05	.02
9.0	.27	.19	.13	.25	.17	.12	.20	.14	.09	.16	.10	.07	.11	.07	.04	.02
10.0	.25	.17	.11	.23	.15	.10	.18	.12	.08	.14	.09	.06	.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:230.45V I:0.0803A P:16.777W PF:0.9067 Freq:49.99Hz Lamp Flux:1626.57x1 lm		
	TYPE:	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	.487	.277	.088	.465	.265	.084	.423	.242	.077	.384	.221	.071	.348	.202	.065	
2.0	.391	.214	.066	.371	.204	.063	.332	.185	.057	.296	.166	.052	.264	.149	.047	
3.0	.333	.177	.053	.314	.168	.051	.279	.151	.046	.246	.135	.041	.216	.119	.037	
4.0	.291	.151	.044	.274	.143	.042	.242	.128	.038	.212	.114	.034	.184	.100	.030	
5.0	.259	.132	.038	.244	.125	.036	.214	.111	.033	.186	.098	.029	.160	.086	.026	
6.0	.234	.117	.034	.219	.111	.032	.192	.098	.029	.166	.086	.025	.142	.075	.022	
7.0	.213	.105	.030	.200	.099	.028	.174	.088	.025	.150	.077	.022	.128	.067	.020	
8.0	.196	.096	.027	.183	.090	.025	.160	.080	.023	.137	.070	.020	.117	.060	.017	
9.0	.181	.087	.024	.169	.082	.023	.147	.073	.021	.127	.063	.018	.107	.054	.016	
10.0	.168	.081	.022	.157	.076	.021	.137	.067	.019	.117	.058	.017	.099	.050	.014	

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	.568	.568	.568	.486	.486	.486	.331	.331	.331	.190	.190	.190	.061	.061	.061	
1.0	.573	.535	.501	.491	.460	.431	.336	.316	.298	.193	.183	.173	.062	.059	.056	
2.0	.569	.515	.469	.487	.443	.406	.334	.307	.283	.193	.178	.166	.062	.058	.054	
3.0	.562	.500	.451	.482	.431	.391	.331	.300	.274	.191	.175	.162	.061	.057	.053	
4.0	.554	.489	.439	.476	.423	.382	.327	.294	.269	.189	.172	.159	.061	.056	.052	
5.0	.546	.480	.431	.469	.416	.375	.323	.290	.265	.187	.170	.157	.060	.056	.052	
6.0	.539	.473	.426	.463	.410	.371	.319	.287	.262	.185	.169	.156	.060	.055	.052	
7.0	.531	.467	.422	.457	.405	.368	.316	.284	.261	.183	.167	.155	.059	.055	.051	
8.0	.524	.462	.419	.451	.401	.365	.312	.281	.259	.182	.166	.154	.059	.054	.051	
9.0	.518	.457	.416	.446	.397	.363	.309	.279	.258	.180	.165	.154	.058	.054	.051	
10.0	.512	.453	.415	.441	.394	.362	.306	.277	.257	.179	.164	.153	.058	.054	.051	

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:230.45V I:0.0803A P:16.777W PF:0.9067 Freq:49.99Hz Lamp Flux:1626.57x1 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	41.2	42.4	42.1	43.3	44.5	28.9	30.1	29.7	31.0	32.2
3H	45.8	46.9	46.7	47.8	49.0	30.4	31.5	31.3	32.4	33.6
4H	48.2	49.2	49.1	50.1	51.4	30.8	31.8	31.7	32.8	34.0
6H	50.6	51.6	51.6	52.6	53.8	31.1	32.0	32.0	33.0	34.2
8H	52.0	52.9	52.9	53.9	55.1	31.3	32.2	32.2	33.2	34.4
12H	53.4	54.3	54.4	55.3	56.6	31.5	32.4	32.4	33.4	34.6
4H 2H	41.8	42.8	42.7	43.7	45.0	36.8	37.8	37.7	38.8	40.0
3H	46.6	47.5	47.5	48.4	49.7	38.9	39.8	39.8	40.8	42.0
4H	49.2	50.0	50.1	51.0	52.3	39.8	40.7	40.8	41.6	42.9
6H	51.9	52.6	52.8	53.6	54.9	40.5	41.2	41.4	42.2	43.5
8H	53.3	54.0	54.3	55.0	56.4	40.6	41.4	41.6	42.4	43.7
12H	54.9	55.6	55.9	56.6	57.9	40.7	41.4	41.7	42.4	43.7
8H 4H	49.5	50.2	50.5	51.2	52.5	44.0	44.7	45.0	45.7	47.1
6H	52.6	53.2	53.6	54.2	55.5	45.5	46.1	46.5	47.1	48.4
8H	54.3	54.8	55.3	55.8	57.2	46.1	46.6	47.1	47.6	49.0
12H	56.2	56.6	57.2	57.7	59.0	46.4	46.9	47.4	48.0	49.3
12H 4H	49.5	50.2	50.5	51.2	52.5	45.2	45.9	46.2	46.9	48.2
6H	52.7	53.2	53.7	54.3	55.6	47.1	47.7	48.1	48.7	50.0
8H	54.5	55.0	55.5	56.0	57.4	48.0	48.5	49.0	49.5	50.9
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1				
1.5H	+ 0.2 / - 0.3					+ 0.1 / - 0.1				
2.0H	+ 0.3 / - 0.4					+ 0.2 / - 0.2				

CIE Pub.117, 1627 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 1.7)
 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:230.45V I:0.0803A P:16.777W PF:0.9067 Freq:49.99Hz Lamp Flux:1626.57x1 lm		
	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.:	SUR.:	Shielding Angle:

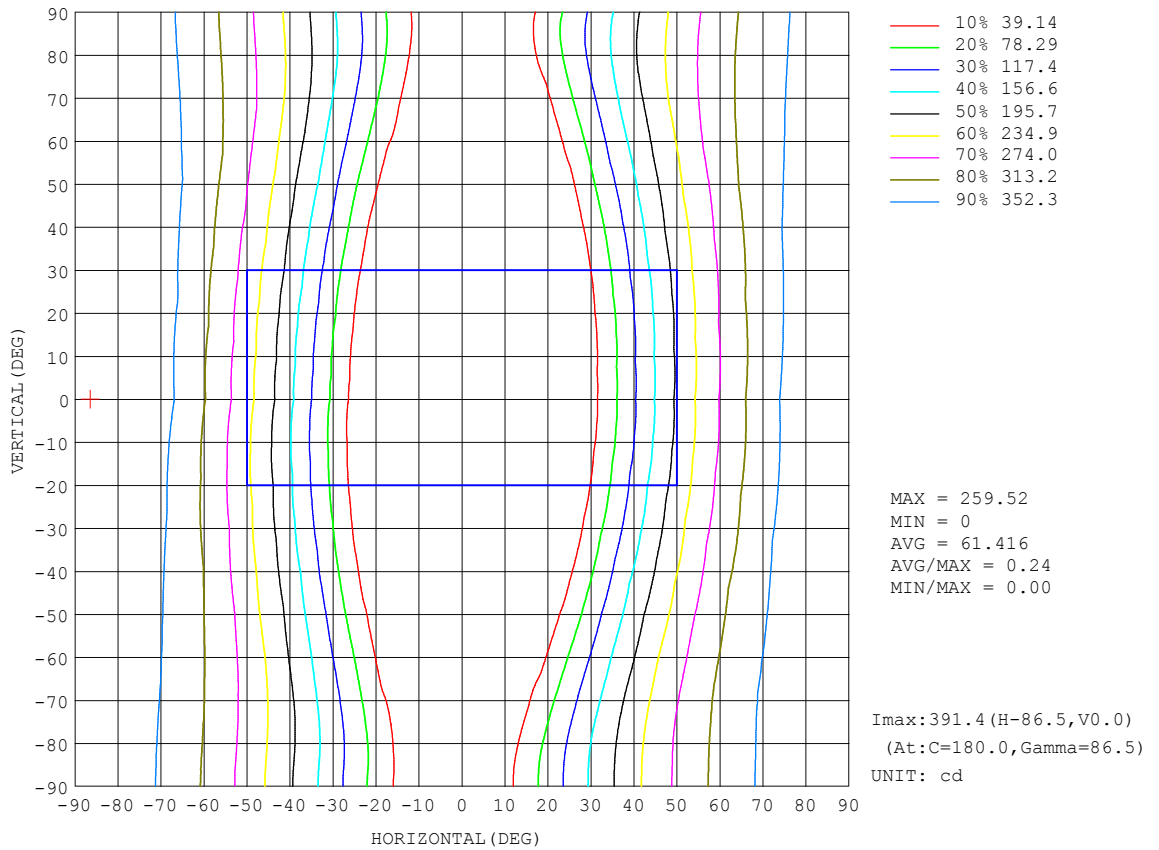
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	31	17	9	29	16	9	26	15	8	1
0.80	39	23	14	36	22	13	32	20	12	3
1.00	46	30	19	42	28	18	37	27	16	5
1.25	52	36	25	48	34	24	41	29	21	7
1.50	58	42	31	53	39	29	45	33	25	9
2.00	66	51	40	61	47	37	51	40	32	14
2.50	72	57	47	66	53	43	55	45	37	17
3.00	76	63	52	70	58	49	59	49	42	20
4.00	82	70	61	75	65	57	63	55	48	24
5.00	86	76	67	79	70	62	66	59	53	27
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNM = 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:230.45V I:0.0803A P:16.777W PF:0.9067 Freq:49.99Hz Lamp Flux:1626.57x1 lm		
	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.:	SUR.:	Shielding Angle:

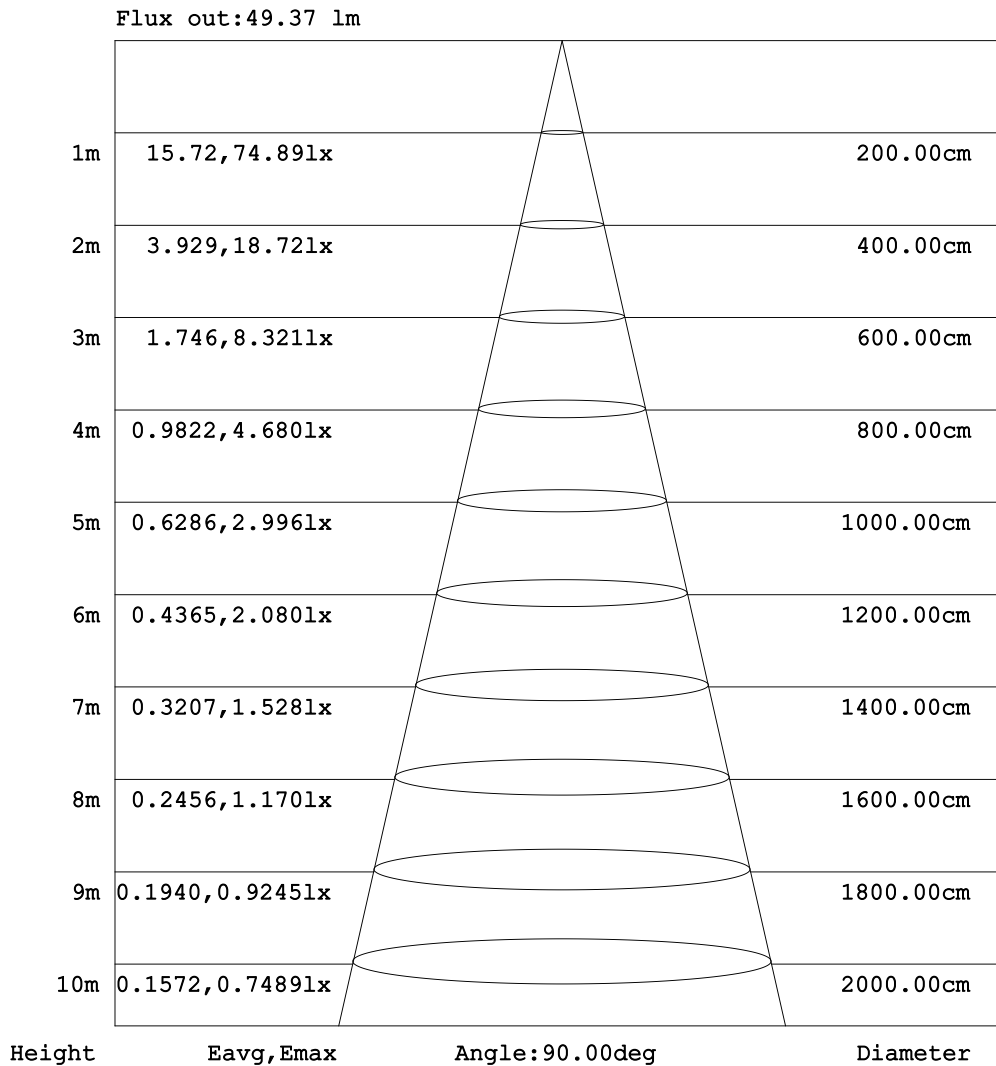


C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: MEDIUM
 Temperature: 25.3DEG
 Operators:
 Test Date: 2022-08-25

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:230.45V I:0.0803A P:16.777W PF:0.9067 Freq:49.99Hz Lamp Flux:1626.57x1 lm		
	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.:	SUR.:	Shielding Angle:



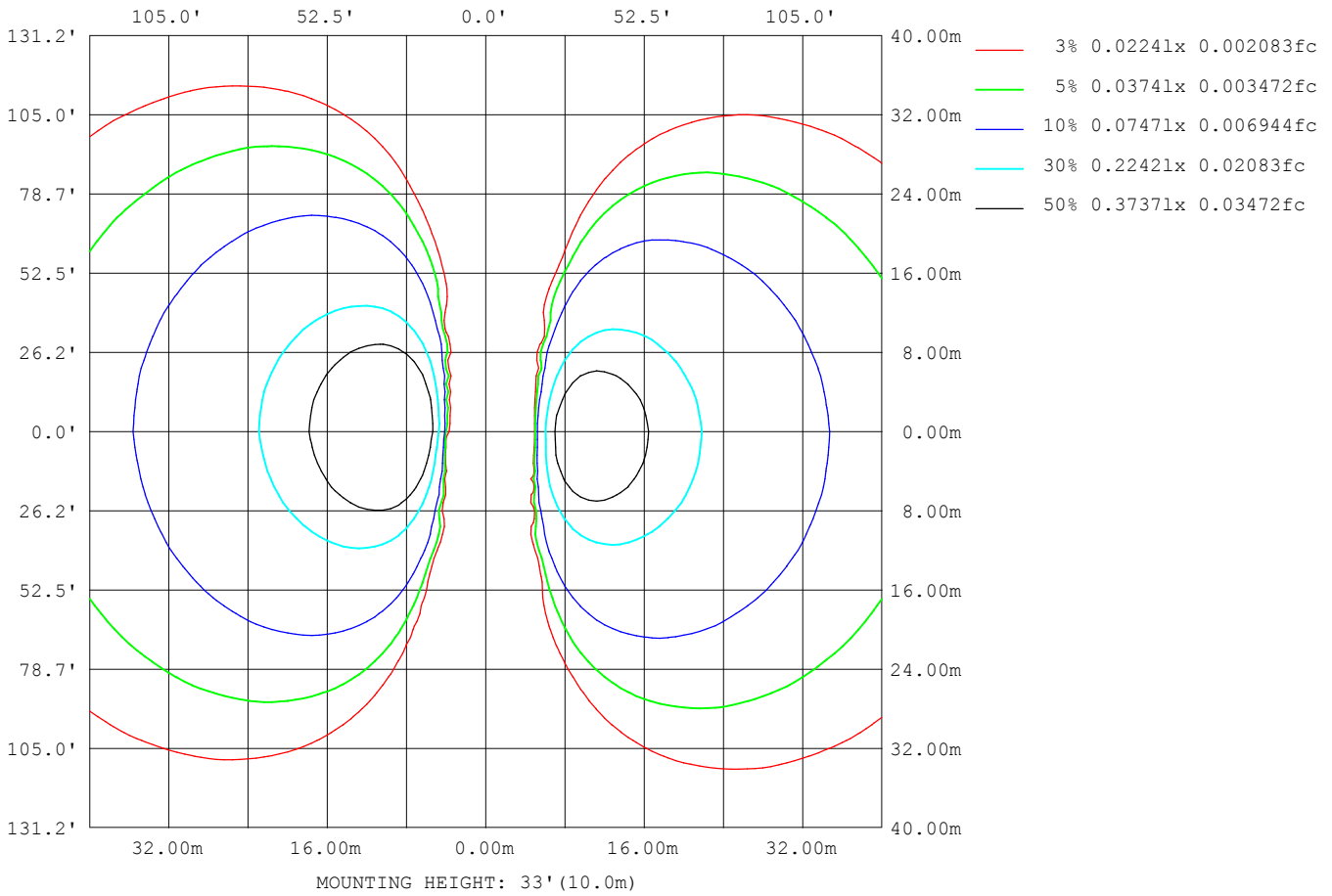
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:230.45V I:0.0803A P:16.777W PF:0.9067 Freq:49.99Hz Lamp Flux:1626.57x1 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:230.45V I:0.0803A P:16.777W PF:0.9067 Freq:49.99Hz Lamp Flux:1626.57x1 lm		
	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.:	SUR.:	Shielding Angle:

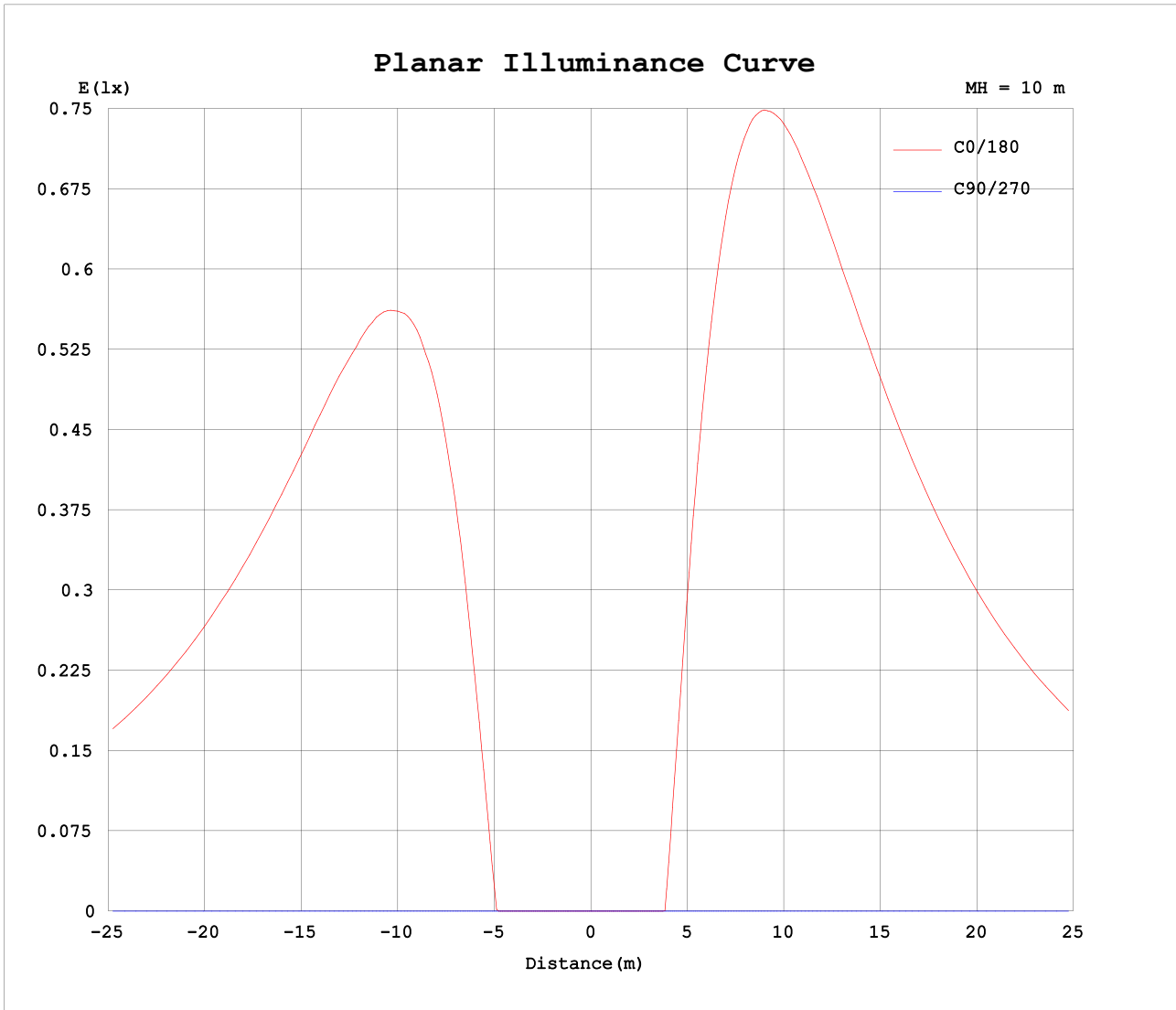
AvgL	cd/m2
L_0~180 (65) av	14797400
L_0~180 (75) av	27330866
L_0~180 (85) av	85002067
L_90~270 (65) av	0
L_90~270 (75) av	0
L_90~270 (85) av	0
L_45 (65) av	8581556
L_45 (75) av	16772832
L_45 (85) av	53023214

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:230.45V I:0.0803A P:16.777W PF:0.9067 Freq:49.99Hz Lamp Flux:1626.57x1 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	0.39	13.2	21.5	27.6
30	27.2	24.8	17.8	5.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.91	31.3	51.0	63.5	71.6
35	69.4	66.2	56.7	38.2	16.3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.61	39.8	68.7	92.9	108	118
40	114	110	99.0	76.7	49.2	15.7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32.4	73.4	107	135	152	165
45	159	155	142	117	84.8	44.4	4.95	0.00	0.00	0.00	0.00	0.00	13.4	60.3	107	145	176	195	208
50	201	197	183	156	121	75.1	27.2	0.00	0.00	0.00	0.00	0.00	34.2	88.3	140	181	213	233	248
55	241	236	221	193	155	106	52.0	1.13	0.00	0.00	0.00	0.02	55.9	115	170	213	247	268	283
60	276	271	255	226	186	135	77.0	18.3	0.00	0.00	0.00	13.6	77.1	140	196	241	277	300	315
65	307	303	286	255	214	161	101	36.9	0.00	0.00	0.00	28.3	96.1	160	218	265	303	327	343
70	334	330	313	281	238	183	121	55.2	0.00	0.00	0.00	42.2	112	178	237	286	324	349	365
75	356	352	334	301	258	202	139	70.9	6.39	0.00	0.00	53.5	124	191	251	300	338	363	379
80	371	366	348	315	271	216	152	83.5	16.7	0.00	0.00	61.7	132	199	258	307	346	372	388
85	379	374	356	323	278	223	159	91.5	24.2	0.00	2.19	65.3	134	201	260	310	349	375	391
90	382	378	359	325	281	225	161	93.3	26.3	0.00	2.16	64.1	133	200	260	310	349	375	391
95	382	378	358	326	281	226	162	94.7	26.1	0.00	0.00	60.9	131	198	257	308	346	373	388
100	379	374	355	323	279	224	159	90.6	20.8	0.00	0.00	51.6	122	190	250	300	338	365	379
105	370	366	347	315	271	216	150	81.5	12.6	0.00	0.00	38.8	107	175	235	286	324	351	365
110	356	352	333	301	256	202	137	69.4	2.98	0.00	0.00	23.5	90.0	157	215	265	303	329	343
115	334	330	311	280	236	183	120	54.1	0.00	0.00	0.00	7.79	69.5	135	191	240	276	302	314
120	306	303	285	255	213	162	99.8	37.1	0.00	0.00	0.00	0.00	47.2	109	164	211	246	270	282
125	275	272	254	226	186	136	76.9	19.8	0.00	0.00	0.00	0.00	24.8	81.3	133	179	212	235	245
130	240	237	220	194	155	108	53.0	3.60	0.00	0.00	0.00	0.00	4.43	52.7	100.0	143	174	196	205
135	201	198	182	158	121	78.0	29.4	0.00	0.00	0.00	0.00	0.00	0.00	25.0	66.2	105	133	154	162
140	159	156	141	118	85.5	47.9	7.67	0.00	0.00	0.00	0.00	0.00	0.00	1.56	33.1	65.9	91.1	109	116
145	113	111	98.0	78.6	50.2	19.3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.84	29.3	49.7	65.4	70.3
150	68.3	66.6	55.5	39.6	17.4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.5	23.9	27.2
155	25.7	24.5	16.5	6.01	0.00	0.00	0.00	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:230.45V I:0.0803A P:16.777W PF:0.9067 Freq:49.99Hz Lamp Flux:1626.57x1 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	26.8	18.1	7.36	0.00	0.00	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	70.1	58.2	42.1	18.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	12.8	24.3		
35	116	102	81.8	52.5	20.8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.23	29.5	49.3	64.9		
40	161	146	122	88.4	49.7	8.63	0.00	0.00	0.00	0.00	0.00	0.00	2.04	33.4	65.6	90.1	108		
45	205	188	162	125	80.1	30.7	0.00	0.00	0.00	0.00	0.00	0.00	25.5	66.0	103	131	152		
50	244	226	198	159	110	54.7	4.05	0.00	0.00	0.00	0.00	5.17	52.8	99.4	141	172	193		
55	279	260	231	189	139	78.7	20.5	0.00	0.00	0.00	0.00	25.4	80.9	132	176	209	231		
60	311	291	260	216	164	101	38.0	0.00	0.00	0.00	0.00	47.4	108	162	208	242	266		
65	338	317	285	240	185	121	55.2	0.00	0.00	0.00	8.14	69.5	133	189	236	272	297		
70	359	339	305	259	203	138	70.5	3.23	0.00	0.00	23.6	89.6	155	212	260	297	323		
75	374	353	320	274	217	151	82.6	13.3	0.00	0.00	38.8	107	173	231	280	318	344		
80	382	361	327	281	225	160	91.6	21.6	0.00	0.00	51.1	120	186	244	293	331	357		
85	385	364	330	284	227	163	95.6	26.9	0.00	0.00	58.5	126	191	249	298	336	362		
90	385	364	329	283	226	161	94.3	27.0	0.00	0.00	55.2	123	188	247	296	336	362		
95	382	361	326	280	224	159	92.3	24.8	0.00	2.36	55.1	105	176	238	290	331	358		
100	373	353	318	273	217	152	84.3	16.9	0.00	0.00	60.9	129	163	208	276	321	351		
105	359	339	305	259	203	139	71.4	6.19	0.00	0.00	52.9	122	188	224	226	301	338		
110	337	317	284	239	184	121	55.3	0.00	0.00	0.00	41.4	110	175	232	250	256	317		
115	308	290	257	215	161	100	36.8	0.00	0.00	0.00	27.5	94.5	157	214	259	242	283		
120	276	259	228	187	135	76.6	17.9	0.00	0.00	0.00	13.0	75.7	137	192	236	255	244		
125	240	224	194	156	106	51.4	0.30	0.00	0.00	0.00	0.01	54.8	113	166	208	241	220		
130	200	185	157	121	74.6	26.5	0.00	0.00	0.00	0.00	0.00	33.5	86.3	137	176	209	203		
135	157	143	117	84.7	43.8	4.13	0.00	0.00	0.00	0.00	0.00	12.8	58.6	104	141	172	180		
140	111	99.8	77.0	48.8	14.8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	31.3	71.0	104	131	145		
145	66.9	57.0	37.9	15.7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.95	38.3	66.5	89.9	104		
150	24.4	17.4	4.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.84	29.8	49.0	60.6		
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	0.04	12.1	19.7		
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
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