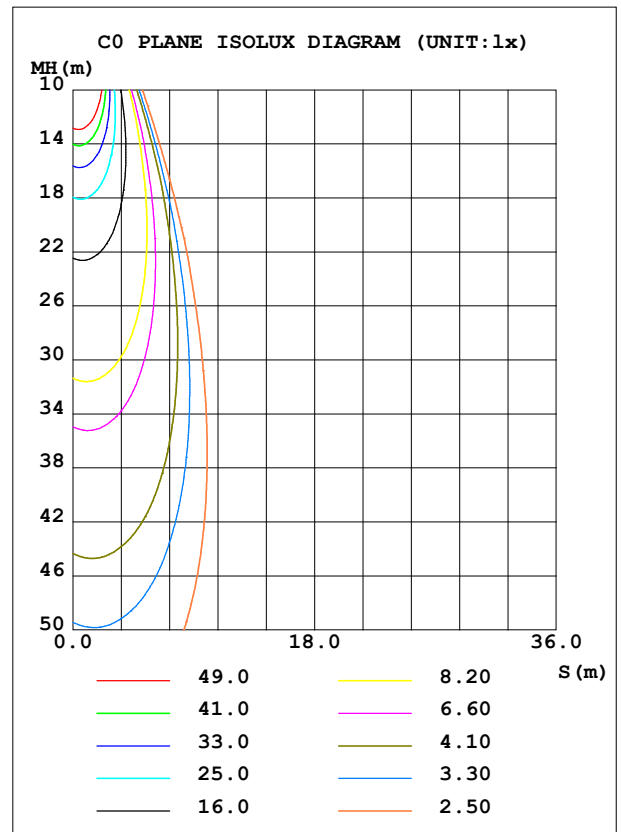
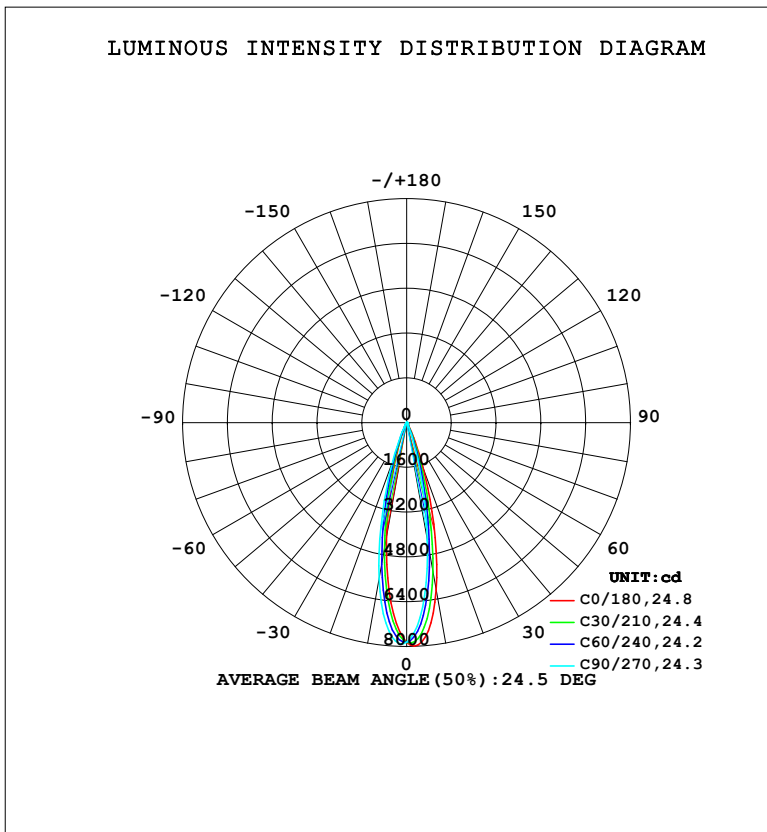


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.36V I:0.1607A P:20.242W PF:0.5468 Freq:50.00Hz Lamp Flux:1645.54x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 81.29 lm/W
MODEL	610	I _{max} (cd)	7985	S/MH (C0/180)	0.36	
NOMINAL POWER (W)	20	LOR (%)	100.0	S/MH (C90/270)	0.45	
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	1645.5	η UP, DN (C0-180)	0.0,46.3	
NOMINAL FLUX (lm)	1645.54	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0,53.7	
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	0.00	
TEST VOLTAGE (V)	230	η down (%)	100.0	CIBSE SHR MAX	0.30	



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2024-11-21

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.473
 Humidity: 65.0%
 Test Distance: 9.401m [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	6079	5113	4267	4181	4155	4798	5674	5995	0- 10	607.2	607.2	36.9,36.9
20	1758	1083	691.6	685.2	694.5	963.8	1454	1739	10- 20	753.9	1361	82.7,82.7
30	196.2	138.9	105.7	102.2	99.99	113.7	163.0	201.2	20- 30	198.2	1559	94.8,94.8
40	56.86	44.60	37.34	36.64	38.93	39.86	47.08	54.50	30- 40	48.23	1608	97.7,97.7
50	29.23	23.16	17.26	16.31	16.72	19.79	23.85	25.65	40- 50	24.63	1632	99.2,99.2
60	9.076	5.219	2.250	2.070	1.946	3.474	6.510	7.773	50- 60	11.11	1643	99.9,99.9
70	0.9035	0.7752	0.2907	0.1035	0.4800	0.7825	0.5003	0.4955	60- 70	1.642	1645	100,100
80	0.4336	0.3641	0	0	0.3633	0.4179	0	0.0063	70- 80	0.3444	1645	100,100
90	0.3867	0.3641	0	0	0.3633	0.3700	0	0	80- 90	0.2236	1646	100,100
100									90-100			
110									100-110			
120									110-120			
130									120-130			
140									130-140			
150									140-150			
160									150-160			
170									160-170			
180									170-180			
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 1621.5 lm

%lum = 98.5%

%lamp = 98.5%

Conical surface Flux(130deg): 1644.5 lm

%lum = 99.9%

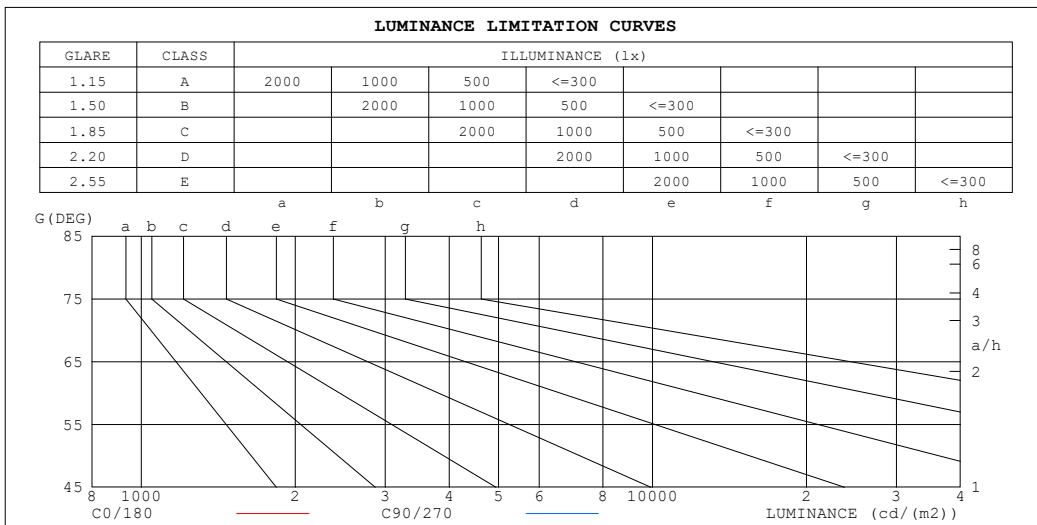
%lamp = 99.9%

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2024-11-21

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.473
 Humidity:65.0%
 Test Distance:9.401m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:230.36V I:0.1607A P:20.242W PF:0.5468 Freq:50.00Hz Lamp Flux:1645.54x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	46	0
80	26	0
75	22	3
70	27	8
65	46	18
60	187	45
55	324	155
50	467	268
45	596	399

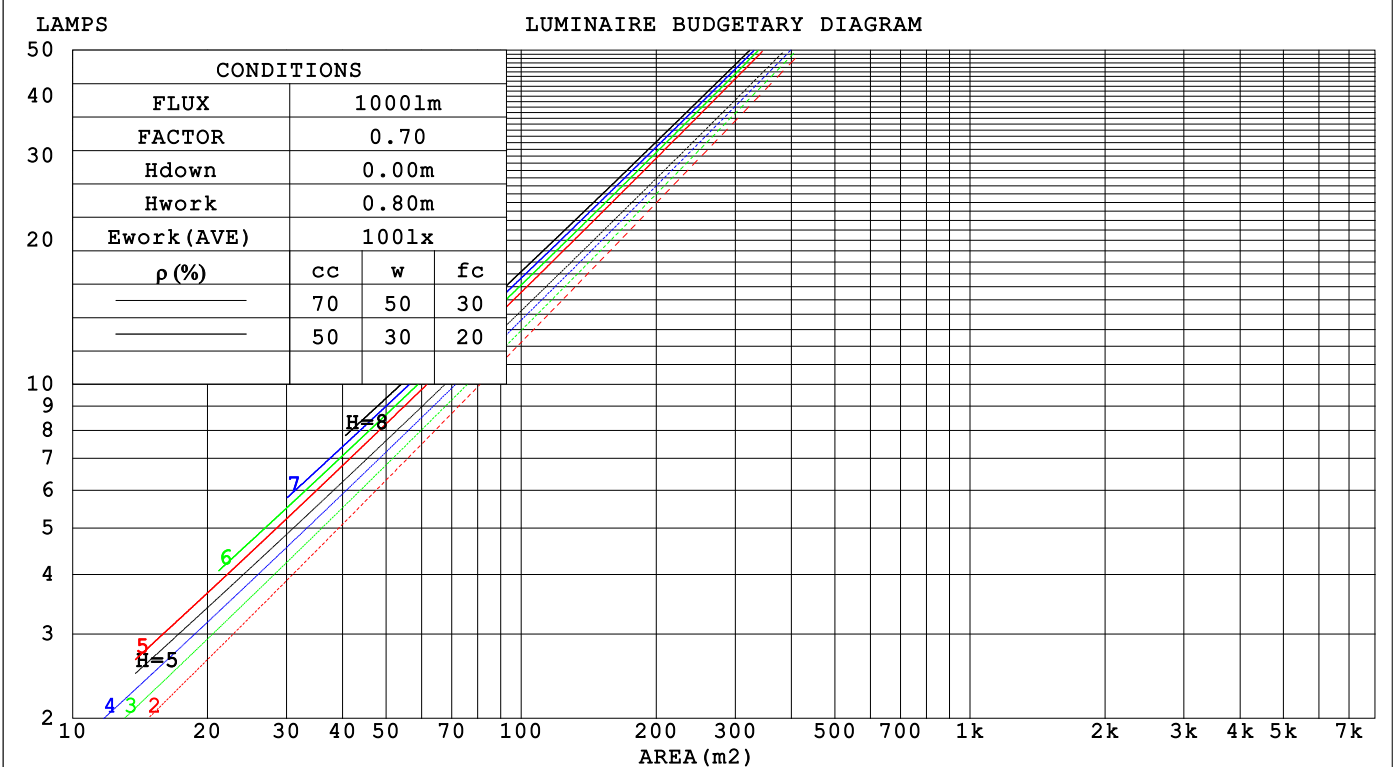
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2024-11-21

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.473
 Humidity: 65.0%
 Test Distance: 9.401m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.36V I:0.1607A P:20.242W PF:0.5468 Freq:50.00Hz Lamp Flux:1645.54x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	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	1.00
1.0	1.13	1.11	1.09	1.11	1.09	1.08	1.07	1.06	1.04	1.03	1.02	1.01	.00	.99	.98	.97
2.0	1.08	1.05	1.02	1.06	1.03	1.01	1.03	1.01	.99	1.00	.98	.97	.97	.96	.95	.94
3.0	1.03	.00	.97	1.02	.99	.96	.99	.97	.95	.97	.95	.93	.95	.93	.92	.91
4.0	.99	.95	.92	.98	.95	.92	.96	.93	.91	.94	.92	.90	.93	.91	.89	.88
5.0	.96	.92	.89	.95	.91	.88	.93	.90	.88	.92	.89	.87	.90	.88	.86	.85
6.0	.93	.88	.86	.92	.88	.85	.91	.87	.85	.89	.86	.84	.88	.86	.84	.83
7.0	.90	.86	.83	.89	.85	.83	.88	.85	.82	.87	.84	.82	.86	.83	.81	.80
8.0	.87	.83	.80	.87	.83	.80	.86	.82	.80	.85	.82	.79	.84	.81	.79	.78
9.0	.85	.81	.78	.84	.80	.78	.83	.80	.78	.83	.80	.77	.82	.79	.77	.76
10.0	.82	.78	.76	.82	.78	.76	.81	.78	.76	.81	.78	.75	.80	.77	.75	.74



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2024-11-21

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.473
 Humidity:65.0%
 Test Distance:9.401m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:230.36V I:0.1607A P:20.242W PF:0.5468 Freq:50.00Hz Lamp Flux:1645.54x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

ρ_{CC}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients (WEC)									
0.0																
1.0	.135	.077	.024	.129	.074	.023	.116	.067	.021	.105	.061	.019	.095	.055	.018	
2.0	.125	.069	.021	.120	.066	.020	.110	.061	.019	.100	.056	.018	.092	.052	.016	
3.0	.117	.062	.019	.112	.060	.018	.104	.056	.017	.096	.053	.016	.089	.049	.015	
4.0	.109	.057	.017	.106	.055	.016	.098	.052	.016	.092	.049	.015	.086	.047	.014	
5.0	.103	.052	.015	.100	.051	.015	.094	.049	.014	.088	.046	.014	.083	.044	.013	
6.0	.097	.049	.014	.095	.048	.014	.089	.046	.013	.084	.044	.013	.080	.042	.012	
7.0	.092	.046	.013	.090	.045	.013	.085	.043	.012	.081	.042	.012	.077	.040	.012	
8.0	.088	.043	.012	.086	.042	.012	.082	.041	.012	.078	.040	.011	.075	.038	.011	
9.0	.084	.041	.011	.082	.040	.011	.079	.039	.011	.075	.038	.011	.072	.037	.011	
10.0	.080	.039	.011	.079	.038	.011	.076	.037	.010	.073	.036	.010	.070	.035	.010	

ρ_{CC}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients (CCEC)									
0.0	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.168	.158	.148	.144	.135	.128	.098	.093	.088	.057	.054	.051	.018	.017	.017	
2.0	.150	.133	.118	.129	.114	.102	.088	.079	.071	.051	.046	.042	.016	.015	.014	
3.0	.135	.113	.096	.116	.098	.083	.079	.068	.058	.046	.040	.034	.015	.013	.011	
4.0	.122	.098	.079	.105	.085	.069	.072	.059	.048	.042	.035	.029	.013	.011	.009	
5.0	.112	.086	.066	.096	.074	.058	.066	.052	.041	.038	.030	.024	.012	.010	.008	
6.0	.103	.076	.056	.088	.065	.049	.061	.046	.034	.035	.027	.020	.011	.009	.007	
7.0	.095	.067	.048	.082	.058	.042	.057	.041	.029	.033	.024	.018	.011	.008	.006	
8.0	.089	.060	.041	.076	.052	.036	.053	.037	.025	.031	.022	.015	.010	.007	.005	
9.0	.083	.055	.036	.071	.048	.031	.050	.033	.022	.029	.020	.013	.009	.006	.004	
10.0	.078	.050	.031	.067	.043	.027	.047	.031	.019	.027	.018	.012	.009	.006	.004	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2024-11-21

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.473
 Humidity:65.0%
 Test Distance:9.401m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:230.36V I:0.1607A P:20.242W PF:0.5468 Freq:50.00Hz										
Lamp Flux:1645.54x1 lm										
NAME:			TYPE:				WEIGHT:			
SPEC.: 3000K			DIM.:				SERIAL No.:			
MFR.: EVERFINE			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	-1.3	-0.7	-1.1	-0.5	-0.4	-3.6	-3.0	-3.4	-2.8	-2.7
3H	-1.4	-0.8	-1.2	-0.6	-0.5	-3.7	-3.1	-3.5	-2.9	-2.8
4H	-1.5	-0.9	-1.2	-0.7	-0.5	-3.8	-3.2	-3.5	-3.0	-2.8
6H	-1.6	-1.0	-1.3	-0.8	-0.6	-3.9	-3.3	-3.6	-3.1	-2.9
8H	-1.6	-1.1	-1.3	-0.8	-0.6	-3.9	-3.4	-3.6	-3.2	-2.9
12H	-1.6	-1.1	-1.3	-0.9	-0.6	-4.0	-3.5	-3.7	-3.2	-2.9
4H 2H	-1.5	-0.9	-1.2	-0.7	-0.5	-3.7	-3.1	-3.4	-2.9	-2.7
3H	-1.6	-1.1	-1.3	-0.8	-0.6	-3.8	-3.3	-3.5	-3.0	-2.8
4H	-1.7	-1.2	-1.4	-0.9	-0.6	-3.9	-3.4	-3.6	-3.1	-2.8
6H	-1.8	-1.4	-1.4	-1.0	-0.7	-4.0	-3.6	-3.6	-3.3	-2.9
8H	-1.8	-1.4	-1.4	-1.1	-0.7	-4.0	-3.7	-3.7	-3.3	-2.9
12H	-1.9	-1.5	-1.5	-1.1	-0.8	-4.1	-3.7	-3.7	-3.4	-3.0
8H 4H	-1.8	-1.5	-1.5	-1.1	-0.8	-4.0	-3.7	-3.7	-3.3	-3.0
6H	-1.9	-1.6	-1.5	-1.2	-0.8	-4.1	-3.8	-3.7	-3.4	-3.0
8H	-2.0	-1.7	-1.5	-1.3	-0.8	-4.2	-3.9	-3.7	-3.5	-3.0
12H	-2.0	-1.8	-1.5	-1.3	-0.9	-4.2	-4.0	-3.8	-3.5	-3.1
12H 4H	-1.9	-1.5	-1.5	-1.2	-0.8	-4.1	-3.7	-3.7	-3.4	-3.0
6H	-2.0	-1.7	-1.5	-1.3	-0.9	-4.2	-3.9	-3.7	-3.5	-3.1
8H	-2.0	-1.8	-1.6	-1.3	-0.9	-4.2	-4.0	-3.8	-3.5	-3.1
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 2.3 / - 3.0					+ 2.1 / - 5.4				
1.5H	+ 2.6 / - 2.4					+ 1.4 / - 2.4				
2.0H	+ 3.7 / - 9.1					+ 4.2 / - 9.0				

CIE Pub.117, 1646 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 1.7)
 Area: 0.1 m2

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2024-11-21

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.473
 Humidity:65.0%
 Test Distance:9.401m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:230.36V I:0.1607A P:20.242W PF:0.5468 Freq:50.00Hz Lamp Flux:1645.54x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

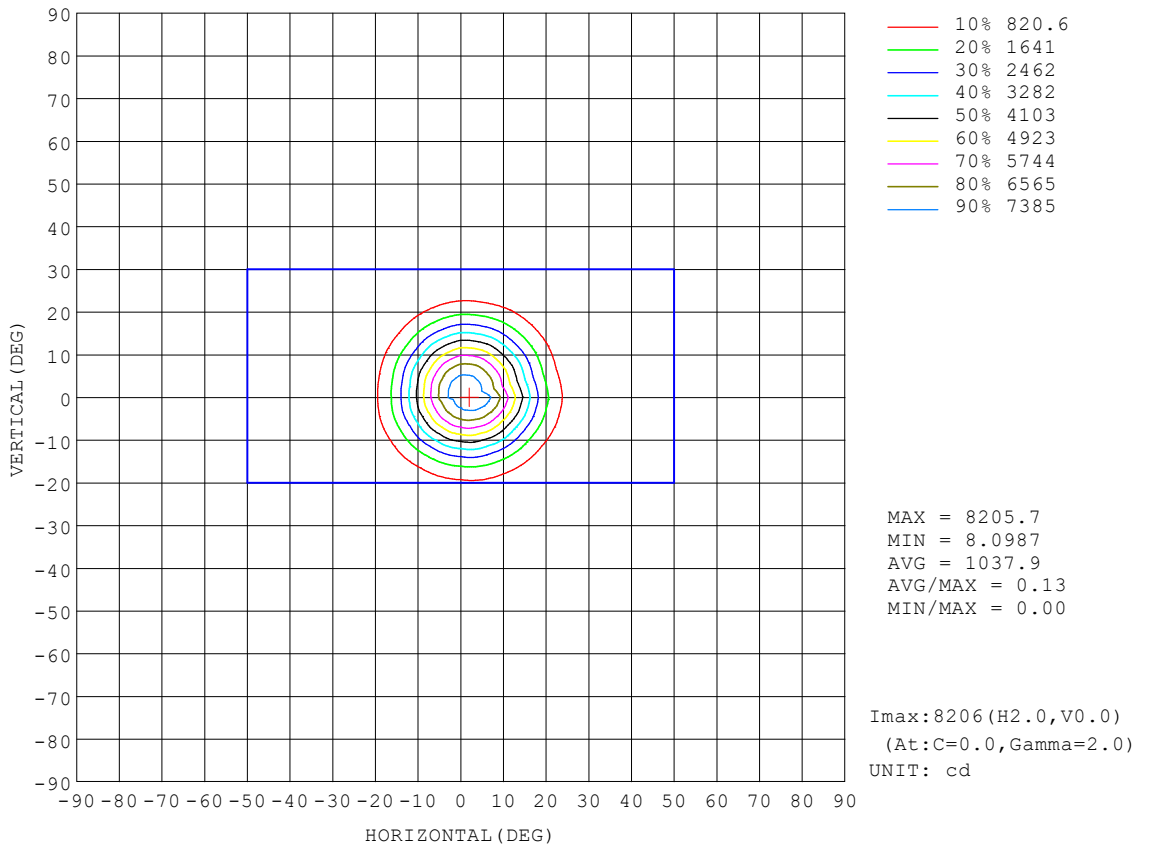
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	90	84	81	90	84	81	89	84	81	77
0.80	97	92	88	97	91	88	95	91	88	85
1.00	101	96	93	100	96	92	99	95	92	88
1.25	105	100	97	104	99	96	102	98	96	92
1.50	107	103	100	106	102	99	104	101	98	94
2.00	110	106	103	108	105	102	106	103	101	96
2.50	111	108	105	109	106	104	106	104	102	96
3.00	112	109	107	111	108	106	107	105	104	97
4.00	114	112	110	112	110	108	109	107	106	99
5.00	116	113	112	113	112	110	110	108	107	100
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:25.3°C
 Operators:DAMIN
 Test Date:2024-11-21

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.473
 Humidity:65.0%
 Test Distance:9.401m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:230.36V I:0.1607A P:20.242W PF:0.5468 Freq:50.00Hz Lamp Flux:1645.54x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

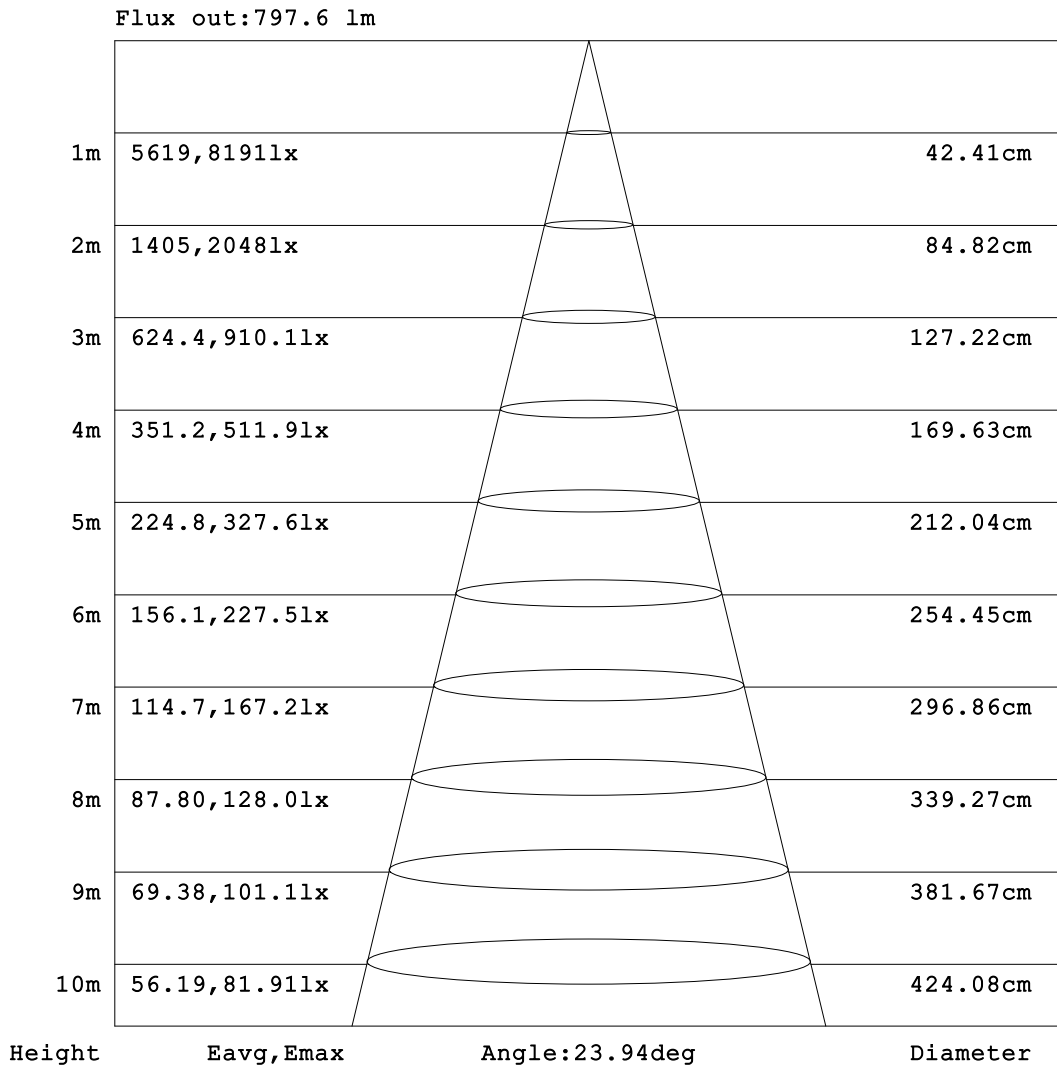


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2024-11-21

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.473
 Humidity:65.0%
 Test Distance:9.401m [K=1.0000]
 Remarks:

AAI Figure

Test:U:230.36V I:0.1607A P:20.242W PF:0.5468 Freq:50.00Hz Lamp Flux:1645.54x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



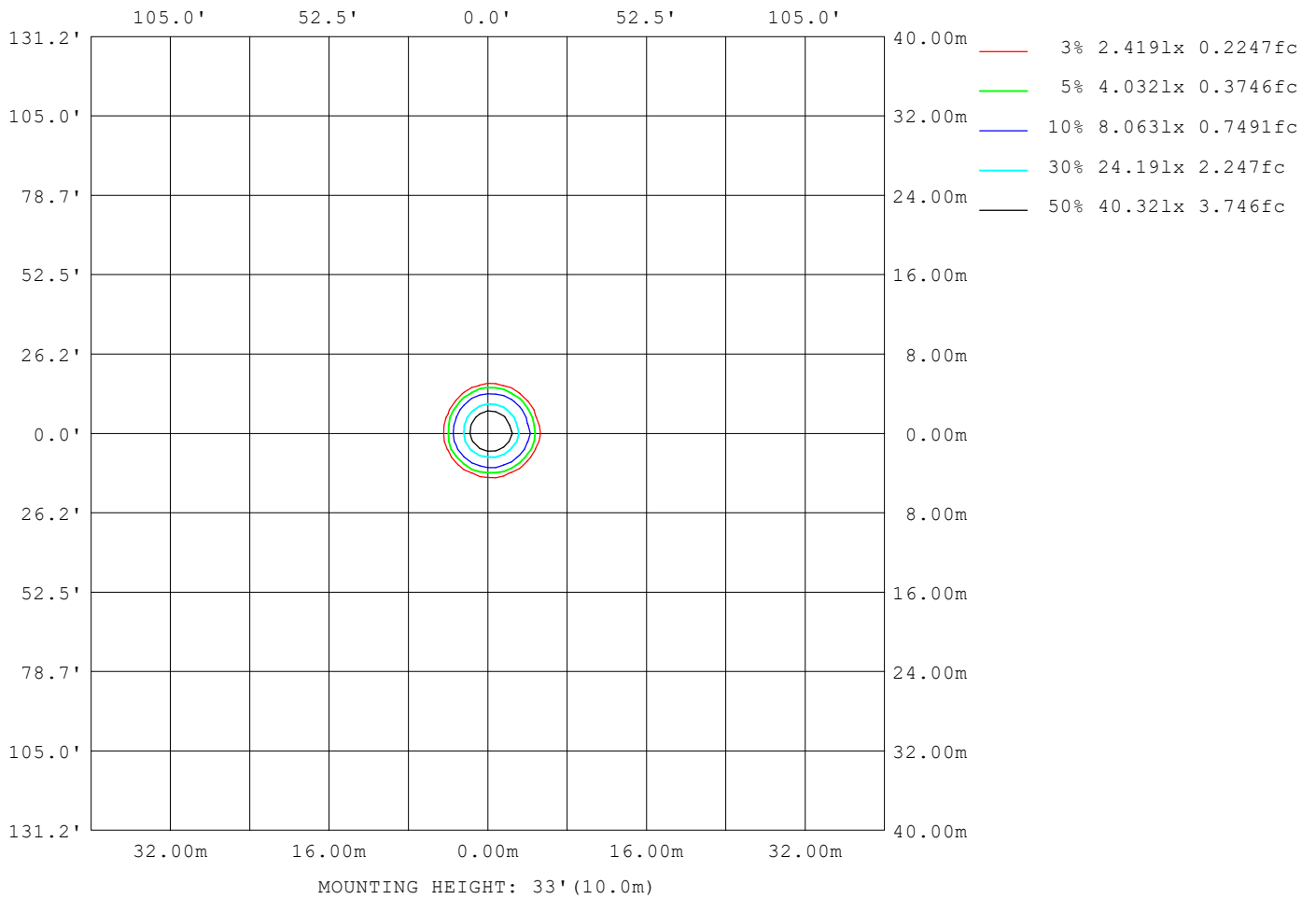
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2024-11-21

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.473
 Humidity:65.0%
 Test Distance:9.401m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:230.36V I:0.1607A P:20.242W PF:0.5468 Freq:50.00Hz Lamp Flux:1645.54x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2024-11-21

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.473
 Humidity:65.0%
 Test Distance:9.401m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:230.36V I:0.1607A P:20.242W PF:0.5468 Freq:50.00Hz Lamp Flux:1645.54x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

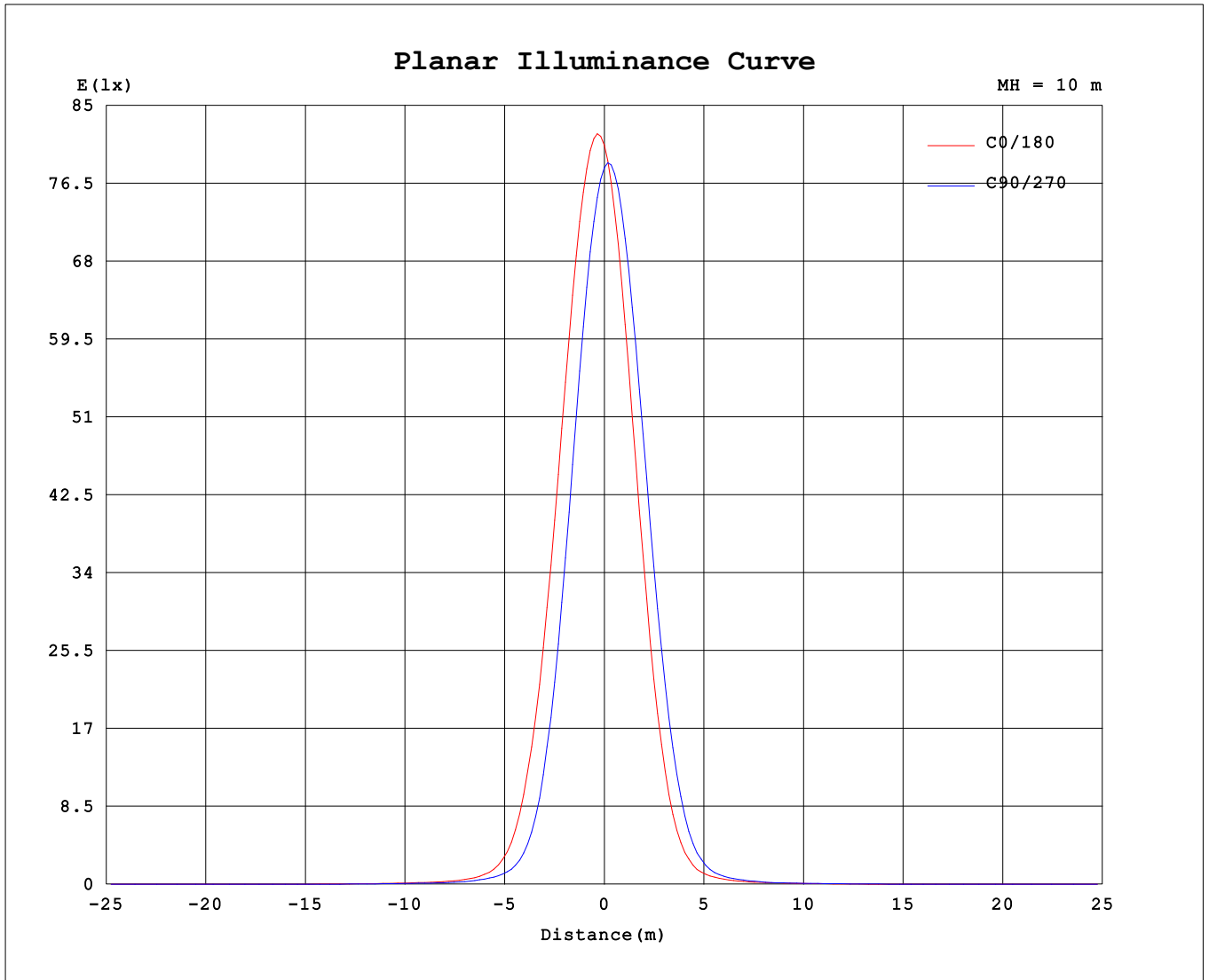
AvgL	cd/m2
L_0~180 (65) av	33
L_0~180 (75) av	18
L_0~180 (85) av	43
L_90~270 (65) av	23
L_90~270 (75) av	4
L_90~270 (85) av	0
L_45 (65) av	29
L_45 (75) av	11
L_45 (85) av	21

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2024-11-21

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.473
 Humidity:65.0%
 Test Distance:9.401m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2024-11-21

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.473
 Humidity: 65.0%
 Test Distance: 9.401m [K=1.0000]
 Remarks:

**LUMINOUS DISTRIBUTION INTENSITY DATA**

Test:U:230.36V I:0.1607A P:20.242W PF:0.5468 Freq:50.00Hz Lamp Flux:1645.54x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.: EVERFINE	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	7846	7846	7846	7846	7846	7846	7846	7846	7846	7846	7846	7846	7846	7846	7846	7846	7846	7846	7846
5	7688	7562	7326	7153	6915	6785	6612	6570	6483	6511	6502	6578	6459	6559	6761	6920	7141	7278	7454
10	6079	5836	5408	5113	4738	4529	4267	4213	4100	4181	4173	4307	4155	4288	4578	4798	5144	5367	5674
15	3759	3493	3041	2774	2422	2250	2023	1979	1908	1987	1990	2116	2016	2116	2359	2532	2864	3057	3349
20	1758	1569	1269	1083	899	801	692	670	649	685	693	744	694	751	869	964	1140	1289	1454
25	603	519	406	354	285	254	225	221	215	222	220	233	214	220	251	288	364	405	462
30	196	172	151	139	124	116	106	103	100	102	103	108	100.0	93.0	96.9	114	133	146	163
35	94.2	82.9	78.6	75.0	66.3	61.3	56.5	55.3	54.0	55.1	55.2	57.0	56.0	56.4	57.0	64.8	73.3	79.0	85.6
40	56.9	53.3	48.5	44.6	40.7	39.1	37.3	36.7	36.1	36.6	37.8	38.6	38.9	40.4	40.3	39.9	41.7	44.1	47.1
45	41.0	40.1	35.4	32.9	31.2	30.2	28.3	27.0	25.8	26.7	27.3	28.4	28.0	28.5	29.5	29.9	31.5	32.1	32.6
50	29.2	28.2	24.9	23.2	20.6	19.0	17.3	16.7	16.2	16.3	16.3	16.7	16.7	17.4	18.7	19.8	21.9	22.9	23.9
55	18.1	17.2	15.2	13.2	11.2	10.2	8.90	8.61	8.20	8.29	8.19	8.44	8.42	9.15	10.3	11.3	12.6	13.5	14.0
60	9.08	8.41	6.82	5.22	3.68	3.05	2.25	2.22	2.11	2.07	1.82	1.88	1.95	2.28	2.76	3.47	4.92	5.80	6.51
65	1.91	1.98	1.74	1.45	1.34	1.21	0.77	0.65	0.63	0.53	0.56	0.52	0.88	1.03	1.09	1.30	1.48	1.57	1.15
70	0.90	0.90	1.00	0.78	0.78	0.69	0.29	0.18	0.20	0.10	0.16	0.10	0.48	0.59	0.60	0.78	0.92	0.99	0.50
75	0.55	0.54	0.67	0.46	0.51	0.44	0.07	0.00	0.04	0.00	0.02	0.00	0.36	0.46	0.41	0.52	0.60	0.64	0.13
80	0.43	0.43	0.55	0.36	0.41	0.38	0.00	0.00	0.00	0.00	0.00	0.00	0.36	0.41	0.37	0.42	0.49	0.52	0.00
85	0.39	0.40	0.50	0.36	0.38	0.38	0.00	0.00	0.00	0.00	0.00	0.00	0.36	0.38	0.37	0.38	0.44	0.46	0.00
90	0.39	0.40	0.46	0.36	0.38	0.38	0.00	0.00	0.00	0.00	0.00	0.00	0.36	0.38	0.39	0.37	0.44	0.00	0.00

C Range: 0 - 360DEG γ Range: 0 - 90DEG
C Interval: 15.0DEG γ Interval: 1.0DEG
Test Speed: HIGH Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.473
Temperature:25.3°C Humidity:65.0%
Operators:DAMIN Test Distance:9.401m [K=1.0000]
Test Date:2024-11-21 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.36V I:0.1607A P:20.242W PF:0.5468 Freq:50.00Hz		
Lamp Flux:1645.54x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C (DEG) \ γ (DEG)	285	300	315	330	345											
0	7846	7846	7846	7846	7846											
5	7527	7630	7627	7653	7572											
10	5797	5988	5995	6052	5905											
15	3463	3678	3698	3781	3614											
20	1550	1685	1739	1775	1685											
25	493	562	590	603	558											
30	179	199	201	204	195											
35	90.8	96.3	97.3	98.8	94.5											
40	50.1	53.6	54.5	55.4	53.4											
45	33.5	35.0	36.0	37.2	36.8											
50	24.2	24.7	25.7	27.2	27.1											
55	14.6	15.7	16.0	16.7	16.5											
60	6.79	7.47	7.77	8.16	8.03											
65	1.29	1.58	1.54	1.45	1.31											
70	0.56	0.48	0.50	0.41	0.45											
75	0.19	0.10	0.15	0.06	0.12											
80	0.03	0.00	0.01	0.00	0.00											
85	0.00	0.00	0.00	0.00	0.00											
90	0.00	0.00	0.00	0.00	0.00											

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2024-11-21

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.473
 Humidity:65.0%
 Test Distance:9.401m [K=1.0000]
 Remarks: