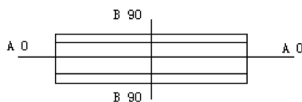
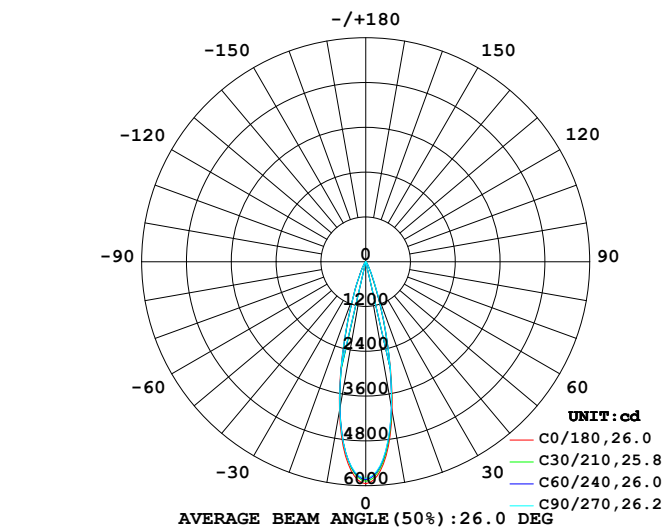


LUMINAIRE PHOTOMETRIC TEST REPORT

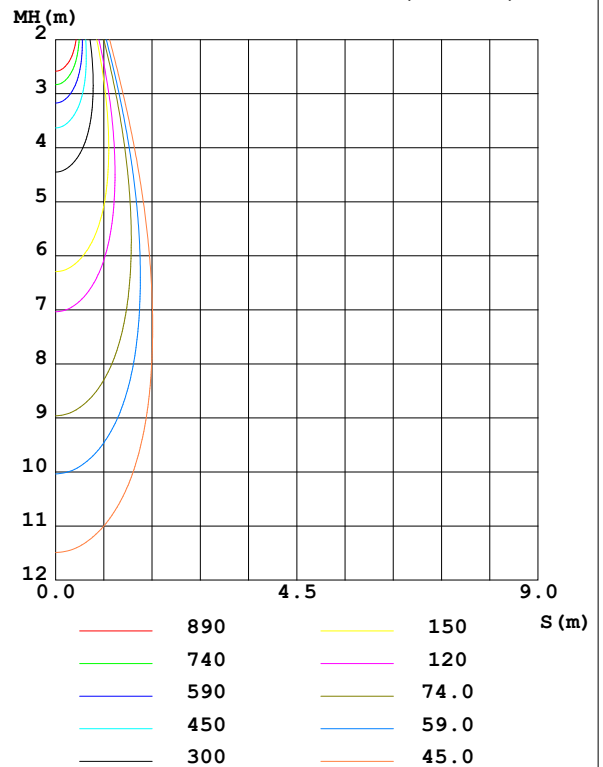
Test:U:219.95V I:0.2264A P:17.817W PF:0.4181 Freq:50.00Hz Lamp Flux:1346.9x1 lm		
NAME: 6710	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 6710
MFR.: NORDECOR	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 64.70 lm/W			
MODEL		Imax (cd)	5941	S/MH (C0/180)	0.43
NOMINAL POWER(W)	--	LOR (%)	100.0	S/MH (C90/270)	0.43
RATED VOLTAGE (V)	--	TOTAL FLUX(lm)	1152.75	η UP,DN (C0-180)	0.0,50.1
NOMINAL FLUX(lm)	1152.75	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.0,49.9
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE (V)	--	η down (%)	100.0	CIBSE SHR MAX	0.30

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: 10.0deg/s
Temperature:25.3°C
Operators:
Test Date:2024-10-18

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.463
Humidity:65.0%
Test Distance:9.000m [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	4066	3987	3954	3999	4064	3956	4011	3960	0~ 10	465.8	465.8	34.6, 34.6
20	903.8	906.7	965.9	972.9	954.2	920.6	952.0	889.9	10~ 20	607.6	1073	79.7, 79.7
30	148.8	144.2	164.3	169.1	166.8	158.6	167.7	151.0	20~ 30	185.7	1259	93.5, 93.5
40	45.20	44.29	49.23	47.77	46.90	48.28	49.02	45.63	30~ 40	54.02	1313	97.5, 97.5
50	14.20	13.78	13.54	14.12	15.30	16.08	16.19	14.92	40~ 50	22.64	1336	99.2, 99.2
60	4.983	5.346	5.432	5.774	5.643	5.295	5.466	5.072	50~ 60	8.706	1344	99.8, 99.8
70	0.1408	0.1764	0.2955	0.3893	0.1923	0.1660	0.1535	0.1520	60~ 70	2.299	1347	100, 100
80	0.0572	0.0642	0.0712	0.0612	0.0672	0.0692	0.0733	0.0733	70~ 80	0.1007	1347	100, 100
90	0.0662	0.0732	0.0712	0.0702	0.0552	0.0632	0.0592	0.0622	80~ 90	0.0680	1347	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): 1327.2 lm

%lum = 98.5%

%lamp = 98.5%

Conical surface Flux(120deg): 1344.4 lm

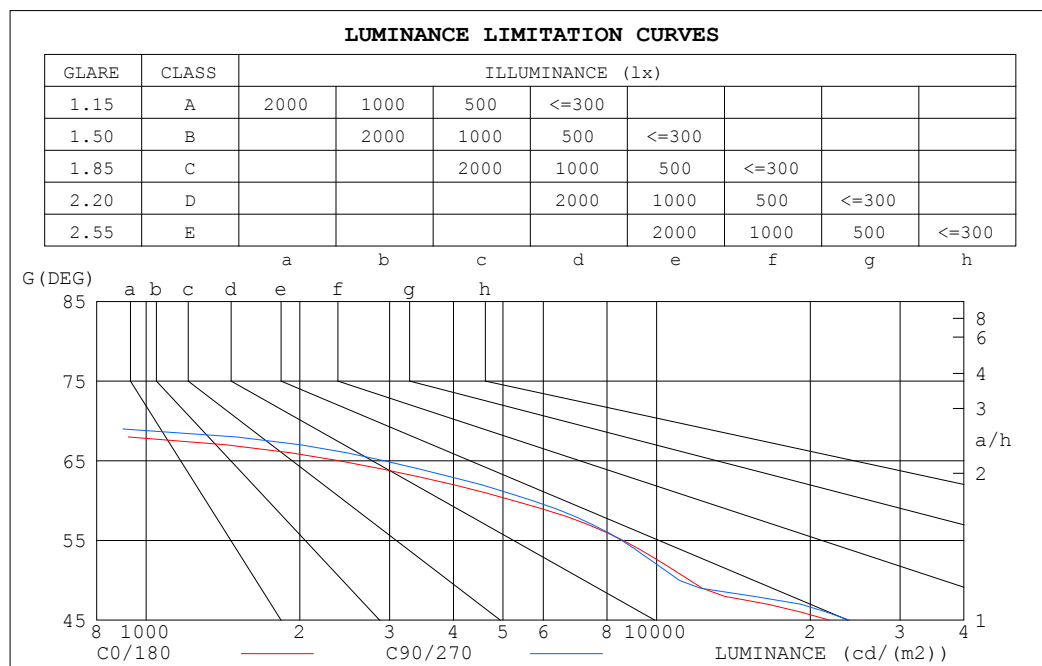
%lum = 99.8%

%lamp = 99.8%

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: 10.0deg/s
Temperature:25.3°C
Operators:
Test Date:2024-10-18

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.463
Humidity:65.0%
Test Distance:9.000m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES



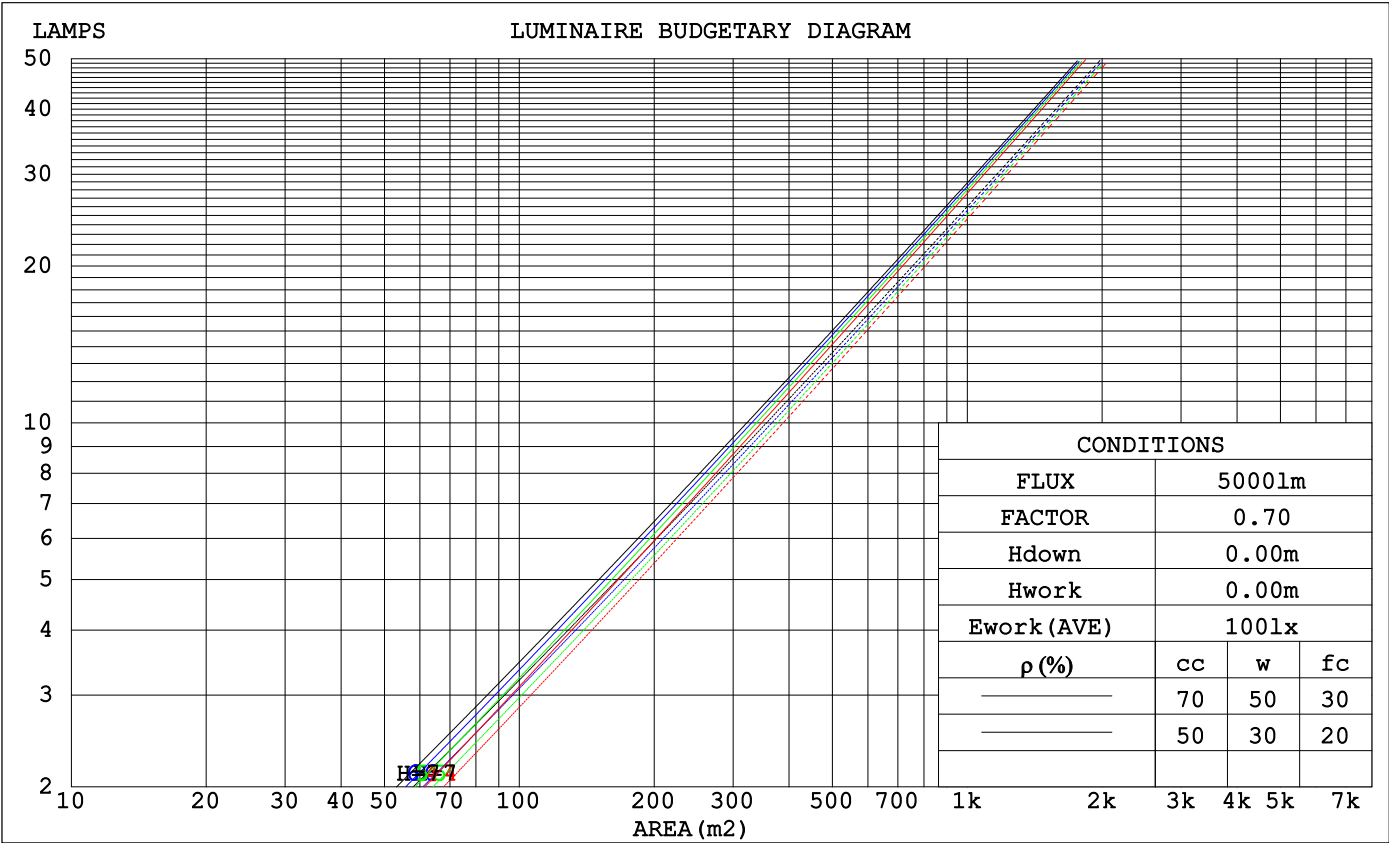
LUMINANCE cd/ (m2)		
G (DEG)	C0/180	C90/270
85	388	448
80	173	216
75	151	196
70	217	455
65	2392	2930
60	5245	5718
55	8609	8544
50	11624	11085
45	21838	23877

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: 10.0deg/s
Temperature:25.3°C
Operators:
Test Date:2024-10-18

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.463
Humidity:65.0%
Test Distance:9.000m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

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						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	1.07	1.07	1.05	1.04	1.03	1.02	1.01	.00	.99	.98	.96
2.0	1.07	1.04	1.02	1.06	1.03	1.01	1.03	1.00	.99	.00	.98	.97	.97	.96	.95	.93
3.0	1.03	.99	.96	1.01	.98	.95	.99	.96	.94	.97	.94	.93	.95	.93	.91	.90
4.0	.99	.95	.92	.98	.94	.91	.96	.92	.90	.94	.91	.89	.92	.90	.88	.87
5.0	.95	.91	.88	.94	.90	.87	.92	.89	.87	.91	.88	.86	.90	.87	.85	.84
6.0	.92	.87	.84	.91	.87	.84	.90	.86	.84	.88	.85	.83	.87	.85	.83	.81
7.0	.89	.84	.81	.88	.84	.81	.87	.83	.81	.86	.83	.80	.85	.82	.80	.79
8.0	.86	.82	.79	.85	.81	.79	.84	.81	.78	.84	.80	.78	.83	.80	.78	.77
9.0	.83	.79	.76	.83	.79	.76	.82	.79	.76	.81	.78	.76	.81	.78	.76	.75
10.0	.81	.77	.74	.81	.77	.74	.80	.76	.74	.79	.76	.74	.79	.76	.74	.73



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: 10.0deg/s
Temperature:25.3℃
Operators:
Test Date:2024-10-18

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.463
Humidity:65.0%
Test Distance:9.000m [K=1.0000]
Remarks:

WEC AND CCEC

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	.138	.079	.025	.132	.075	.024	.119	.068	.022	.108	.062	.020	.097	.056	.018	
2.0	.129	.070	.022	.123	.068	.021	.113	.063	.019	.103	.058	.018	.095	.054	.017	
3.0	.120	.064	.019	.115	.062	.019	.107	.058	.018	.099	.054	.017	.092	.051	.016	
4.0	.113	.059	.017	.109	.057	.017	.102	.054	.016	.095	.051	.015	.089	.048	.015	
5.0	.106	.054	.016	.103	.053	.015	.097	.050	.015	.091	.048	.014	.086	.046	.014	
6.0	.100	.050	.014	.098	.049	.014	.092	.047	.014	.087	.045	.013	.083	.044	.013	
7.0	.095	.047	.013	.093	.046	.013	.088	.045	.013	.084	.043	.013	.080	.042	.012	
8.0	.091	.044	.012	.089	.044	.012	.085	.042	.012	.081	.041	.012	.077	.040	.012	
9.0	.087	.042	.012	.085	.041	.012	.081	.040	.011	.078	.039	.011	.075	.038	.011	
10.0	.083	.040	.011	.082	.039	.011	.078	.038	.011	.075	.037	.011	.073	.036	.010	

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	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.168	.158	.148	.144	.135	.127	.099	.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	.136	.113	.096	.116	.098	.083	.080	.068	.058	.046	.040	.034	.015	.013	.011	
4.0	.123	.098	.079	.106	.085	.068	.073	.059	.048	.042	.035	.028	.014	.011	.009	
5.0	.113	.086	.066	.097	.074	.057	.067	.052	.040	.039	.030	.024	.012	.010	.008	
6.0	.104	.076	.055	.089	.066	.048	.062	.046	.034	.036	.027	.020	.012	.009	.007	
7.0	.096	.068	.047	.083	.059	.041	.057	.041	.029	.033	.024	.017	.011	.008	.006	
8.0	.090	.061	.041	.077	.053	.036	.054	.037	.025	.031	.022	.015	.010	.007	.005	
9.0	.084	.055	.035	.073	.048	.031	.050	.034	.022	.029	.020	.013	.009	.007	.004	
10.0	.079	.050	.031	.068	.044	.027	.047	.031	.019	.028	.018	.012	.009	.006	.004	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: 10.0deg/s
Temperature:25.3℃
Operators:
Test Date:2024-10-18

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.463
Humidity:65.0%
Test Distance:9.000m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

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	12.8	13.5	13.0	13.6	13.8	13.1	13.7	13.3	13.9	14.0
3H	12.7	13.3	12.9	13.5	13.7	13.0	13.6	13.2	13.8	14.0
4H	12.6	13.2	12.9	13.4	13.6	12.9	13.5	13.1	13.7	13.9
6H	12.5	13.1	12.8	13.3	13.5	12.8	13.4	13.1	13.6	13.8
8H	12.5	13.0	12.8	13.3	13.5	12.8	13.3	13.1	13.5	13.8
12H	12.4	13.0	12.7	13.2	13.5	12.7	13.2	13.0	13.5	13.8
4H 2H	12.7	13.3	12.9	13.5	13.7	13.0	13.5	13.2	13.7	14.0
3H	12.5	13.1	12.8	13.3	13.6	12.8	13.3	13.1	13.6	13.9
4H	12.4	12.9	12.8	13.2	13.5	12.7	13.2	13.1	13.5	13.8
6H	12.3	12.8	12.7	13.1	13.4	12.6	13.0	13.0	13.4	13.7
8H	12.3	12.7	12.7	13.0	13.4	12.6	13.0	12.9	13.3	13.7
12H	12.2	12.6	12.6	13.0	13.3	12.5	12.9	12.9	13.2	13.6
8H 4H	12.3	12.7	12.7	13.0	13.4	12.6	13.0	12.9	13.3	13.7
6H	12.2	12.5	12.6	12.9	13.3	12.4	12.8	12.9	13.2	13.6
8H	12.1	12.4	12.6	12.8	13.3	12.4	12.7	12.8	13.1	13.5
12H	12.1	12.3	12.5	12.7	13.2	12.3	12.6	12.8	13.0	13.5
12H 4H	12.2	12.6	12.6	13.0	13.3	12.5	12.9	12.9	13.2	13.6
6H	12.1	12.4	12.6	12.8	13.3	12.4	12.7	12.8	13.1	13.5
8H	12.1	12.3	12.5	12.7	13.2	12.3	12.6	12.8	13.0	13.5
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 2.3 / - 5.1					+ 2.4 / - 5.3				
1.5H	+ 3.4 / - 3.3					+ 3.6 / - 3.6				
2.0H	+ 4.7 / - 5.5					+ 5.2 / - 5.5				

CIE Pub.117, 1347 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 1.0$)
Area: 0.0019 m²

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: 10.0deg/s
Temperature:25.3°C
Operators:
Test Date:2024-10-18

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.463
Humidity:65.0%
Test Distance:9.000m [K=1.0000]
Remarks:

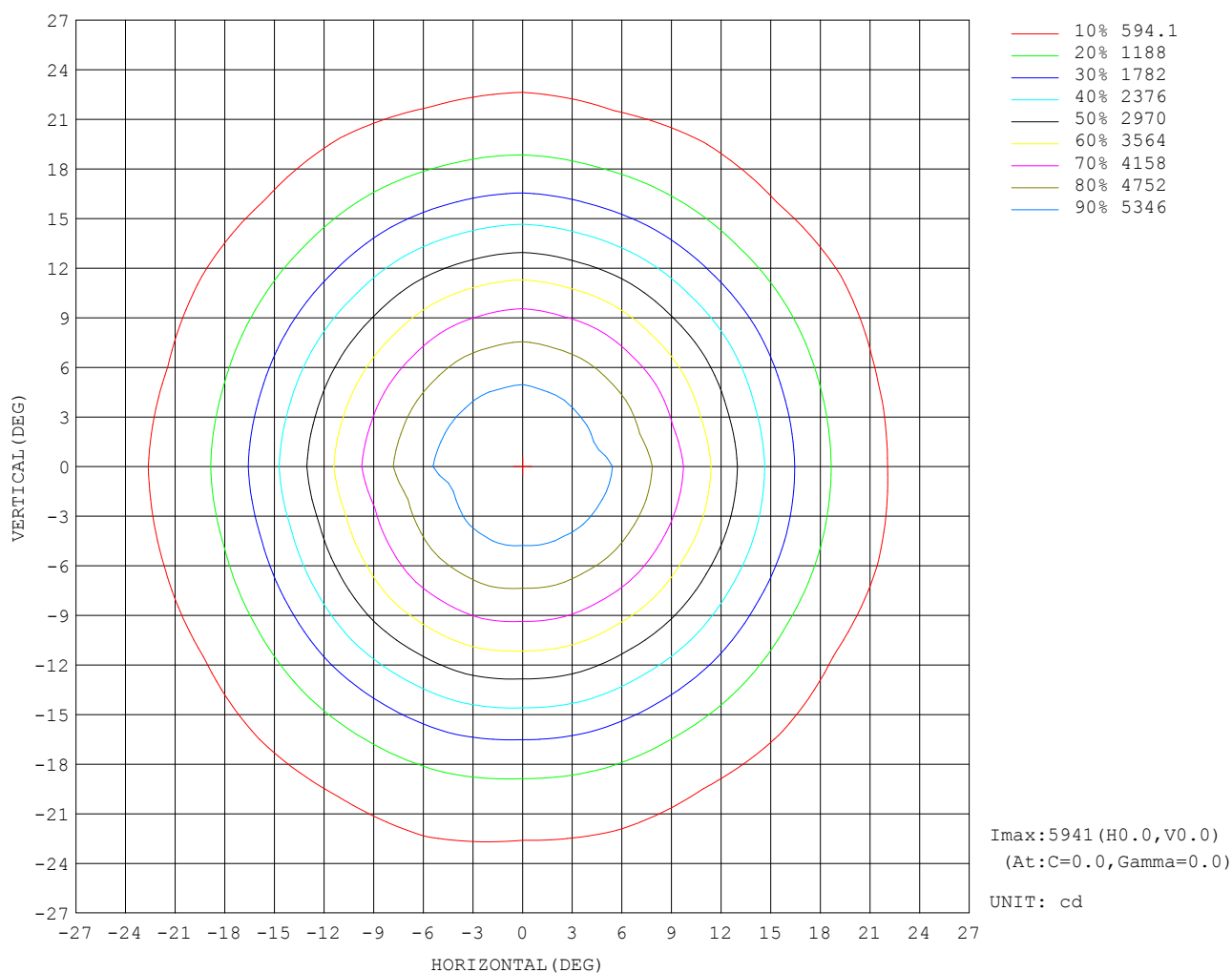
UTILIZATION FACTORS TABLE

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	89	84	80	89	84	80	77
0.80	97	92	88	96	91	88	95	91	88	84
1.00	101	96	93	100	95	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	105	103	100	95
2.50	111	108	105	109	106	104	106	104	102	96
3.00	112	109	107	111	108	106	107	105	103	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: 10.0deg/s
 Temperature: 25.3°C
 Operators:
 Test Date: 2024-10-18

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-3000H_V1 SYSTEM V2.00.463
 Humidity: 65.0%
 Test Distance: 9.000m [K=1.0000]
 Remarks:

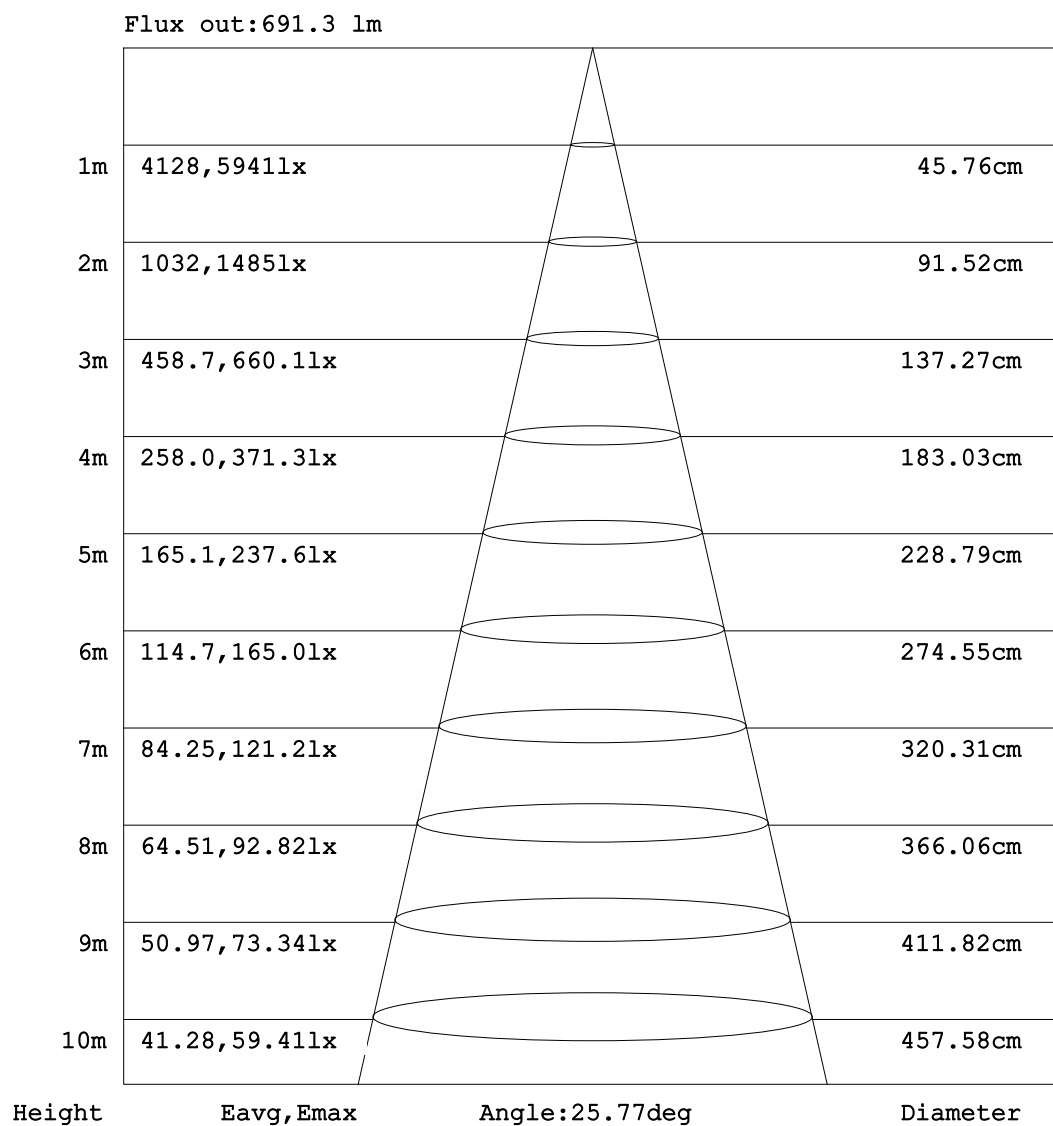
ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: 10.0deg/s
Temperature: 25.3°C
Operators:
Test Date: 2024-10-18

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-3000H_V1 SYSTEM V2.00.463
Humidity: 65.0%
Test Distance: 9.000m [K=1.0000]
Remarks:

AAI Figure

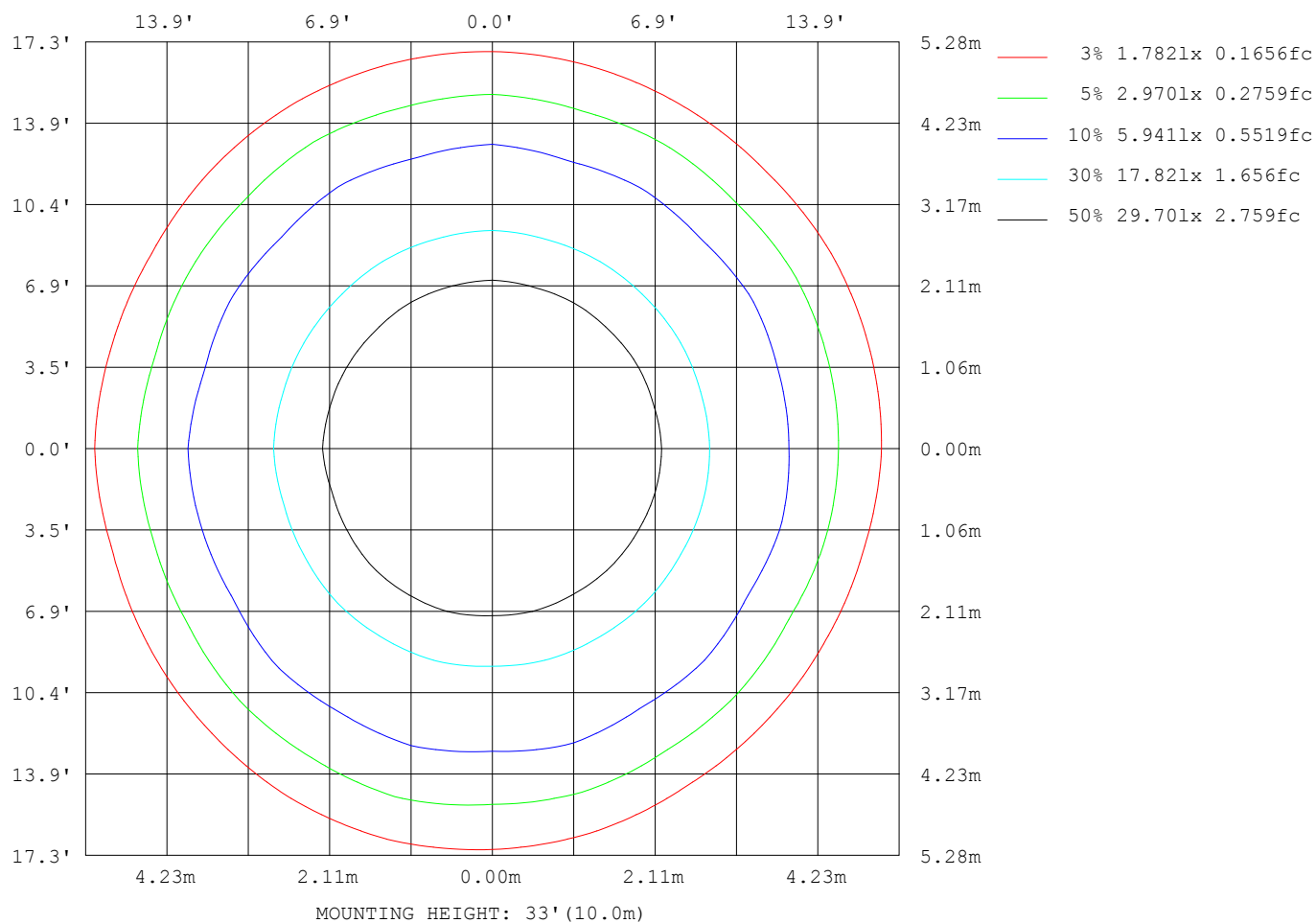


Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: 10.0deg/s
Temperature:25.3℃
Operators:
Test Date:2024-10-18

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.463
Humidity:65.0%
Test Distance:9.000m [K=1.0000]
Remarks:

ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: 10.0deg/s
Temperature: 25.3°C
Operators:
Test Date: 2024-10-18

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-3000H_V1 SYSTEM V2.00.463
Humidity: 65.0%
Test Distance: 9.000m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:219.95V I:0.2264A P:20.817W PF:0.4181 Freq:50.00Hz Lamp Flux:1346.9x1 lm		
NAME: MG26-S20W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

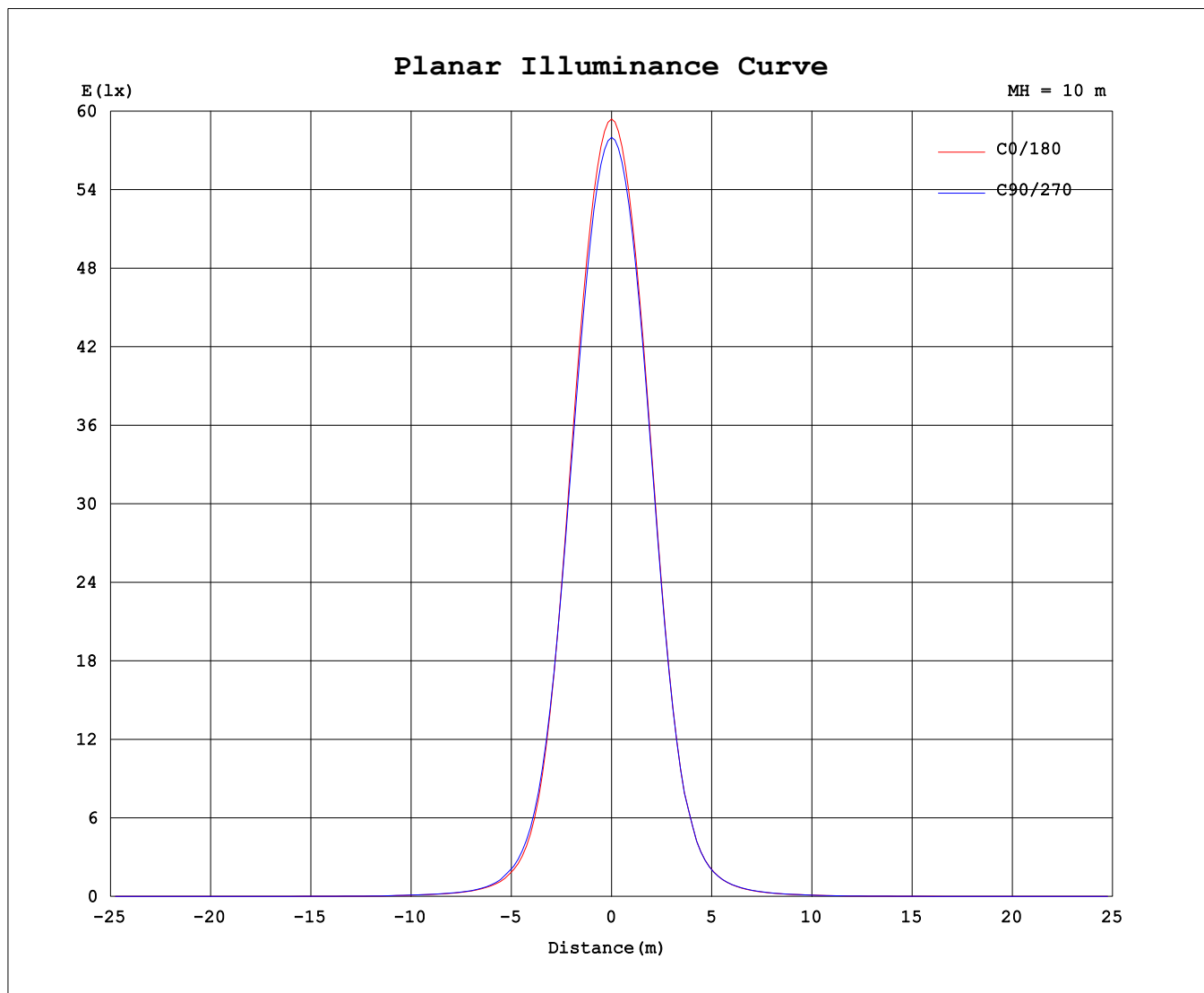
AvgL	cd/m2
L_0~180 (65) av	2680
L_0~180 (75) av	172
L_0~180 (85) av	360
L_90~270 (65) av	2783
L_90~270 (75) av	195
L_90~270 (85) av	412
L_45 (65) av	2732
L_45 (75) av	177
L_45 (85) av	392

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: 10.0deg/s
Temperature:25.3℃
Operators:
Test Date:2024-10-18

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.463
Humidity:65.0%
Test Distance:9.000m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: 10.0deg/s
Temperature: 25.3°C
Operators:
Test Date: 2024-10-18

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-3000H_V1 SYSTEM V2.00.463
Humidity: 65.0%
Test Distance: 9.000m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

UNIT: cd

[illegible]

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Range: 0 - 90DEG
Interval: 1.0DEG
Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.463
Humidity:65.0%
Test Distance:9.000m [K=1.0000]
Remarks:

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