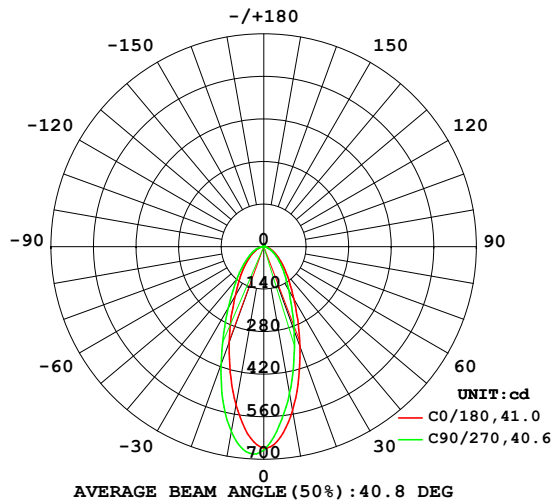


LUMINAIRE PHOTOMETRIC TEST REPORT

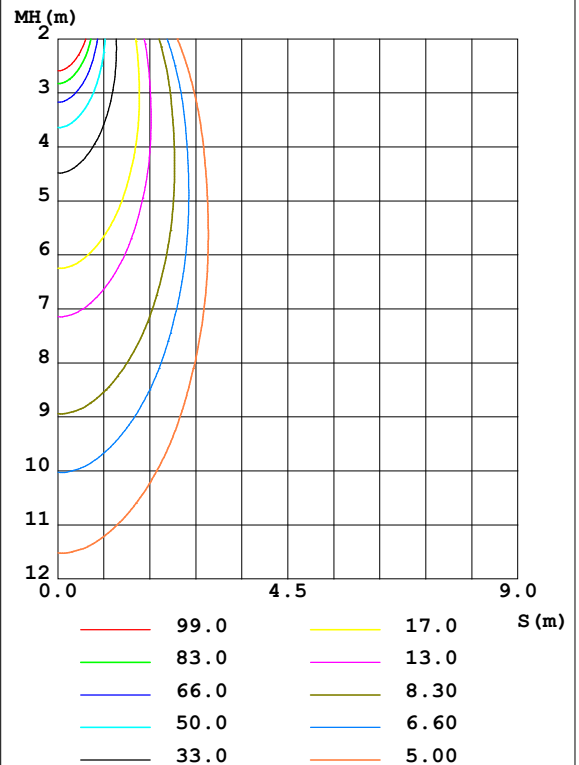
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: AURORA	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 111.59 lm/W			
MODEL	DGU55/64	I <sub>max</sub> (cd)	683.7	S/MH (C0/180)	0.63
NOMINAL POWER(W)	5	LOR(%)	100.0	S/MH (C90/270)	0.74
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	571.15	□ UP,DN(C0-180)	0.9,45.6
NOMINAL FLUX(lm)	571.145	CIE CLASS	DIRECT	□ UP,DN(C180-360)	0.6,52.8
LAMPS INSIDE	1	□ up (%)	1.5	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	230	□ down (%)	98.5	CIBSE SHR MAX	0.75

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2022-12-16

□ Range: 0 - 180DEG  
 □ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
 Humidity:65.0%  
 Test Distance:7.710m [K=1.0000]  
 Remarks:

## ZONAL FLUX DIAGRAM

### ZONAL FLUX DIAGRAM:

°	C0	C90	C180	C270					°	□ zone	□ total	%lum, lamp
10	547.1	490.4	527.7	617.8					0- 10	57.32	57.32	10,10
20	347.8	293.1	333.3	411.8					10- 20	123.3	180.6	31.6,31.6
30	198.7	164.6	189.4	234.3					20- 30	120.7	301.3	52.7,52.7
40	117.9	98.65	113.3	136.9					30- 40	94.74	396.0	69.3,69.3
50	70.81	59.15	68.49	82.35					40- 50	70.37	466.4	81.7,81.7
60	41.85	33.80	40.07	49.19					50- 60	48.77	515.1	90.2,90.2
70	23.16	16.54	21.75	27.60					60- 70	30.84	546.0	95.6,95.6
80	4.792	2.760	4.207	8.951					70- 80	13.79	559.8	98,98
90	0.5447	0.4242	0.2191	1.349					80- 90	2.540	562.3	98.5,98.5
100	0.3653	0.4837	0.2363	0.1493					90-100	0.3565	562.7	98.5,98.5
110	0.6369	0.8143	0.4209	0.3026					100-110	0.4408	563.1	98.6,98.6
120	1.069	1.326	0.7158	0.5619					110-120	0.7106	563.8	98.7,98.7
130	1.729	2.076	1.168	0.9668					120-130	1.056	564.9	98.9,98.9
140	2.610	2.977	1.861	1.596					130-140	1.430	566.3	99.2,99.2
150	3.463	3.790	2.757	2.476					140-150	1.681	568.0	99.4,99.4
160	4.076	4.278	3.590	3.376					150-160	1.608	569.6	99.7,99.7
170	4.336	4.442	4.120	4.045					160-170	1.144	570.7	99.9,99.9
180	4.407	4.431	4.415	4.435					170-180	0.4115	571.1	100,100
DEG	LUMINOUS INTENSITY:cd								UNIT:lm			

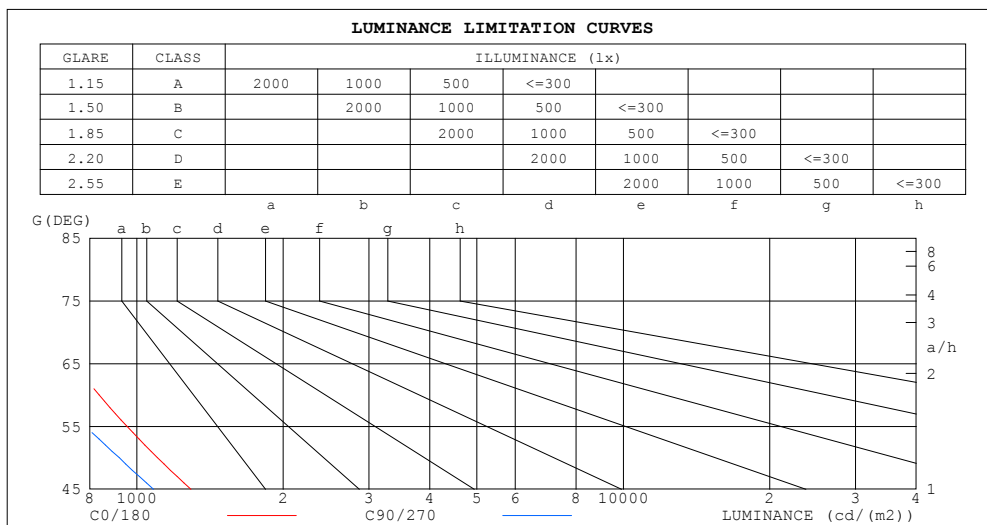
0 - 45 DEG Zonal Flux:434.1      %lum: 76.0%  
 0 - 60 DEG Zonal Flux:515.14      %lum: 90.2%  
 @35% Iavg: 7.9%  
 @50% Iavg: 11.6%

C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2022-12-16

□ Range: 0 - 180DEG  
 □ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
 Humidity:65.0%  
 Test Distance:7.710m [K=1.0000]  
 Remarks:

## LUMINANCE LIMITATION CURVES

NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: AURORA	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	251	122
80	276	159
75	517	257
70	677	484
65	741	589
60	837	676
55	955	784
50	1102	920
45	1292	1082

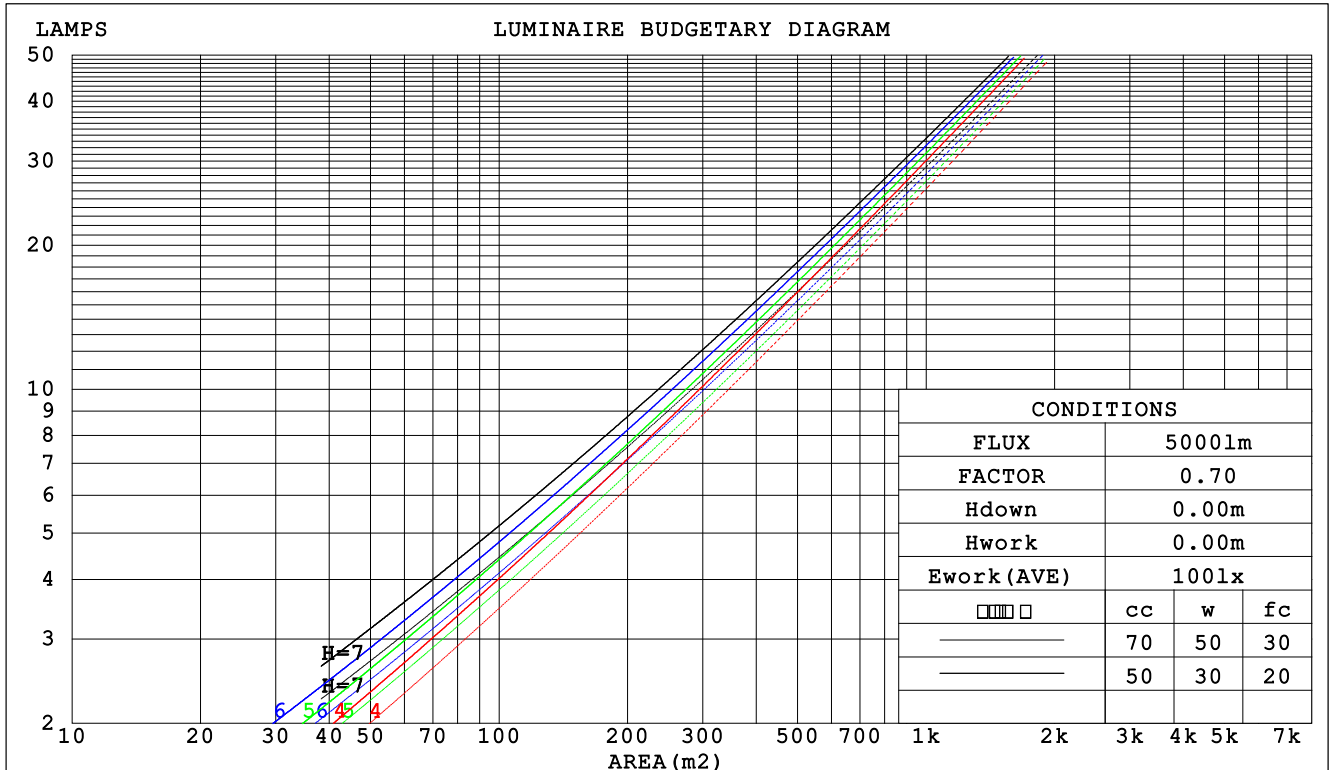
C Range: 0 - 360DEG  
C Interval: 90.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2022-12-16

☐ Range: 0 - 180DEG  
☐ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
Humidity:65.0%  
Test Distance:7.710m [K=1.0000]  
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: AURORA	SUR.:	Shielding Angle:

□cc	80%			70%			50%			30%			10%			0
□w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
□fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio															



C Range: 0 - 360DEG  
C Interval: 90.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2022-12-16

□ Range: 0 - 180DEG  
□ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
Humidity:65.0%  
Test Distance:7.710m [K=1.0000]  
Remarks:

### WEC AND CCEC

NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: AURORA	SUR.:	Shielding Angle:

<input type="checkbox"/> cc	80%	70%	50%	30%	10%	0
<input type="checkbox"/> w	50% 30% 10%	50% 30% 10%	50% 30% 10%	50% 30% 10%	50% 30% 10%	0
<input type="checkbox"/> fc	20%	20%	20%	20%	20%	0
RCR	RCR:Room Cavity Ratio Wall Exitance Coefficients(WEC)					
0.0						
1.0	.226 .129 .041	.219 .125 .040	.205 .118 .038	.192 .111 .036	.181 .105 .034	
2.0	.216 .119 .036	.210 .116 .036	.198 .110 .034	.187 .105 .033	.177 .100 .032	
3.0	.204 .108 .032	.198 .106 .032	.188 .102 .031	.179 .098 .030	.170 .094 .029	
4.0	.191 .099 .029	.187 .098 .029	.177 .094 .028	.169 .091 .027	.161 .088 .027	
5.0	.180 .092 .027	.175 .090 .026	.167 .087 .026	.160 .084 .025	.153 .082 .025	
6.0	.169 .085 .024	.165 .083 .024	.158 .081 .024	.151 .079 .023	.145 .076 .023	
7.0	.159 .079 .022	.156 .078 .022	.149 .076 .022	.143 .074 .021	.138 .072 .021	
8.0	.150 .073 .021	.147 .073 .020	.142 .071 .020	.136 .069 .020	.131 .067 .020	
9.0	.142 .069 .019	.140 .068 .019	.134 .066 .019	.130 .065 .019	.125 .064 .018	
10.0	.135 .065 .018	.133 .064 .018	.128 .063 .018	.124 .061 .017	.119 .060 .017	

<input type="checkbox"/> cc	80%	70%	50%	30%	10%	0
<input type="checkbox"/> w	50% 30% 10%	50% 30% 10%	50% 30% 10%	50% 30% 10%	50% 30% 10%	0
<input type="checkbox"/> fc	20%	20%	20%	20%	20%	0
RCR	RCR:Room Cavity Ratio Ceiling Cavity Exitance Coefficients(CCEC)					
0.0	.202 .202 .202	.173 .173 .173	.118 .118 .118	.068 .068 .068	.022 .022 .022	
1.0	.186 .169 .153	.159 .145 .132	.109 .100 .091	.063 .058 .053	.020 .019 .017	
2.0	.174 .144 .119	.149 .124 .103	.102 .086 .072	.059 .050 .042	.019 .016 .014	
3.0	.164 .126 .096	.140 .109 .083	.096 .075 .058	.056 .044 .034	.018 .014 .011	
4.0	.155 .112 .079	.133 .097 .069	.091 .067 .048	.053 .039 .029	.017 .013 .009	
5.0	.147 .101 .067	.126 .087 .058	.087 .061 .041	.050 .036 .024	.016 .012 .008	
6.0	.139 .092 .058	.120 .080 .050	.083 .056 .036	.048 .033 .021	.015 .011 .007	
7.0	.133 .085 .051	.114 .073 .044	.079 .051 .031	.046 .030 .019	.015 .010 .006	
8.0	.127 .078 .045	.109 .068 .040	.075 .048 .028	.044 .028 .017	.014 .009 .006	
9.0	.121 .073 .041	.104 .064 .036	.072 .045 .026	.042 .026 .015	.014 .009 .005	
10.0	.116 .069 .038	.100 .060 .033	.069 .042 .023	.040 .025 .014	.013 .008 .005	

C Range: 0 - 360DEG  
C Interval: 90.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2022-12-16

☐ Range: 0 - 180DEG  
☐ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
Humidity:65.0%  
Test Distance:7.710m [K=1.0000]  
Remarks:

### UGR(Unified Glare Rating) Table

NAME :					TYPE :LED			WEIGHT :			
SPEC. :					DIM. :			SERIAL No. :			
MFR. : AURORA					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	2H	12.7	13.8	12.9	14.0	14.2	11.9	13.1	12.2	13.3	13.5
	3H	13.6	14.7	13.9	14.9	15.1	12.6	13.7	12.9	13.9	14.2
	4H	13.9	14.9	14.2	15.1	15.4	12.7	13.7	13.1	14.0	14.3
	6H	13.9	14.9	14.3	15.2	15.4	12.7	13.6	13.0	13.9	14.2
	8H	13.9	14.8	14.3	15.1	15.4	12.7	13.6	13.0	13.9	14.2
	12H	13.9	14.8	14.3	15.1	15.4	12.6	13.5	13.0	13.8	14.1
4H	2H	13.0	14.0	13.3	14.2	14.5	12.3	13.3	12.6	13.6	13.8
	3H	14.0	14.9	14.4	15.2	15.5	13.2	14.1	13.6	14.4	14.7
	4H	14.4	15.2	14.8	15.5	15.9	13.3	14.1	13.7	14.5	14.8
	6H	14.5	15.2	14.9	15.5	15.9	13.3	14.0	13.7	14.4	14.8
	8H	14.5	15.1	14.9	15.5	15.9	13.3	14.0	13.7	14.4	14.8
	12H	14.5	15.1	14.9	15.5	15.9	13.3	13.9	13.7	14.3	14.7
8H	4H	14.4	15.0	14.8	15.4	15.8	13.4	14.1	13.8	14.4	14.8
	6H	14.5	15.0	15.0	15.5	15.9	13.4	14.0	13.9	14.4	14.8
	8H	14.5	15.0	15.0	15.4	15.9	13.4	13.9	13.9	14.3	14.8
	12H	14.5	15.0	15.0	15.4	15.9	13.4	13.8	13.9	14.3	14.8
12H	4H	14.3	14.9	14.8	15.3	15.8	13.4	14.0	13.8	14.4	14.8
	6H	14.5	14.9	15.0	15.4	15.9	13.4	13.9	13.9	14.3	14.8
	8H	14.5	14.9	15.0	15.4	15.9	13.4	13.8	13.9	14.3	14.8
Variations with the observer position at spacings:											
S = 1.0H		+ 0.4 / - 0.6					+ 0.6 / - 0.7				
1.5H		+ 0.3 / - 0.4					+ 0.4 / - 0.6				
2.0H		+ 1.0 / - 0.8					+ 0.9 / - 1.0				

CIE Pub.117, 571.1 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -1.9)

C Range: 0 - 360DEG  
C Interval: 90.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2022-12-16

☐ Range: 0 - 180DEG  
☐ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
Humidity:65.0%  
Test Distance:7.710m [K=1.0000]  
Remarks:

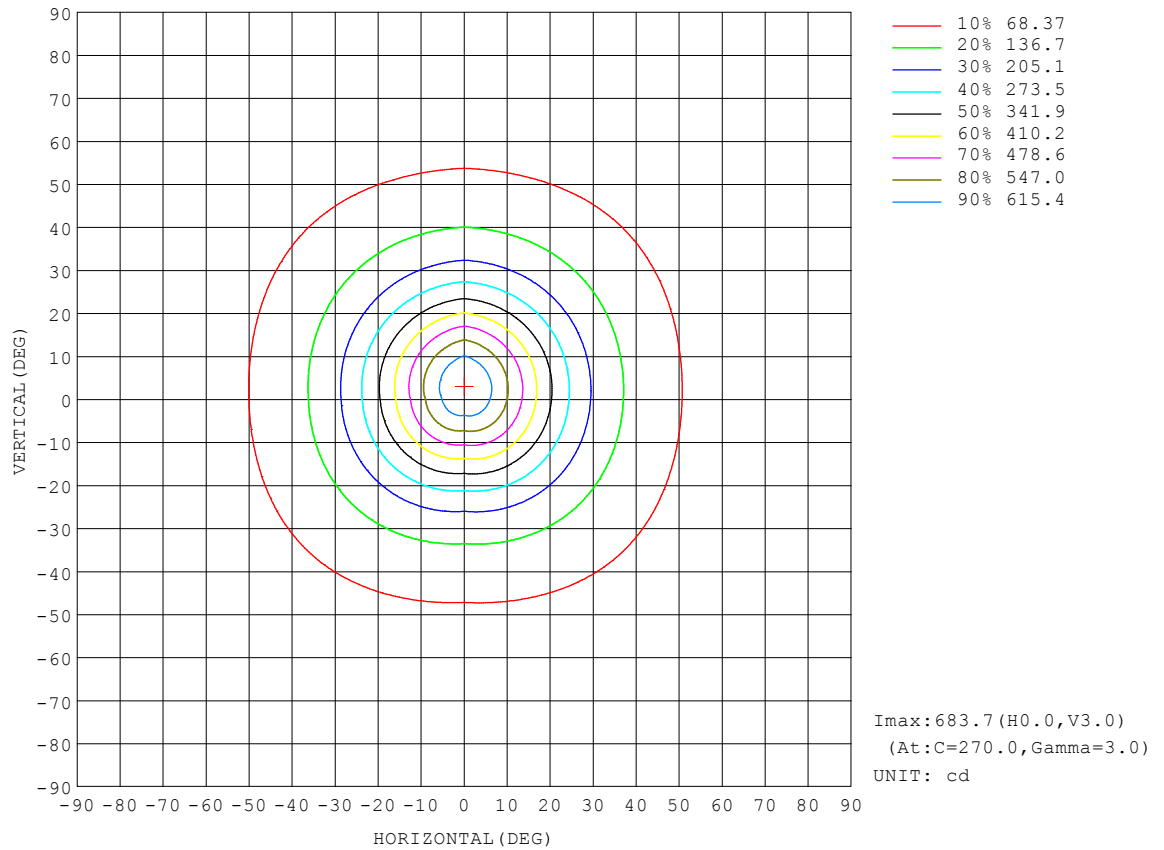
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Range: 0 - 180DEG
Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:7.710m [K=1.0000]
Remarks:

```

### ISOCANDELA DIAGRAM

NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: AURORA	SUR.:	Shielding Angle:



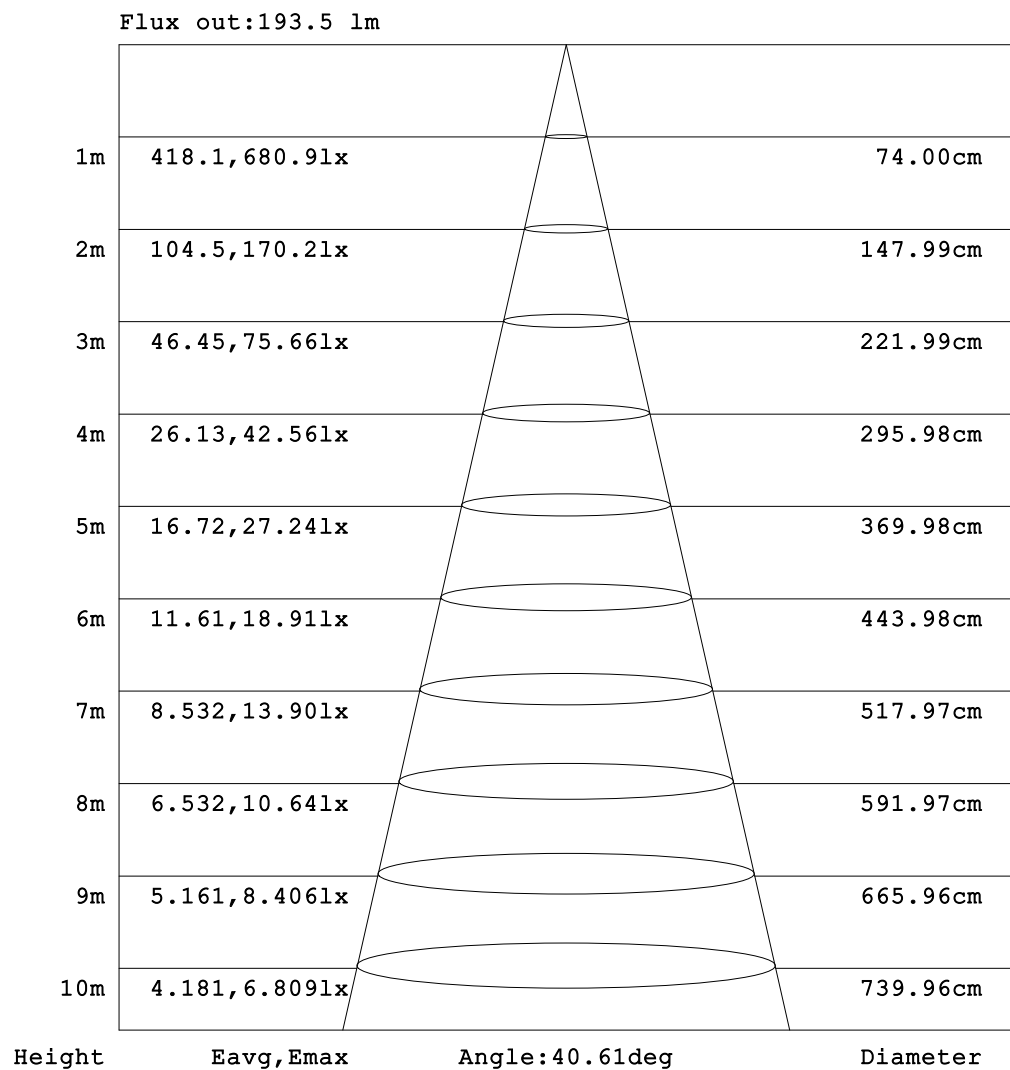
C Range: 0 - 360DEG  
C Interval: 90.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2022-12-16

☐ Range: 0 - 180DEG  
☐ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
Humidity:65.0%  
Test Distance:7.710m [K=1.0000]  
Remarks:



**AAI Figure**

NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: AURORA	SUR.:	Shielding Angle:



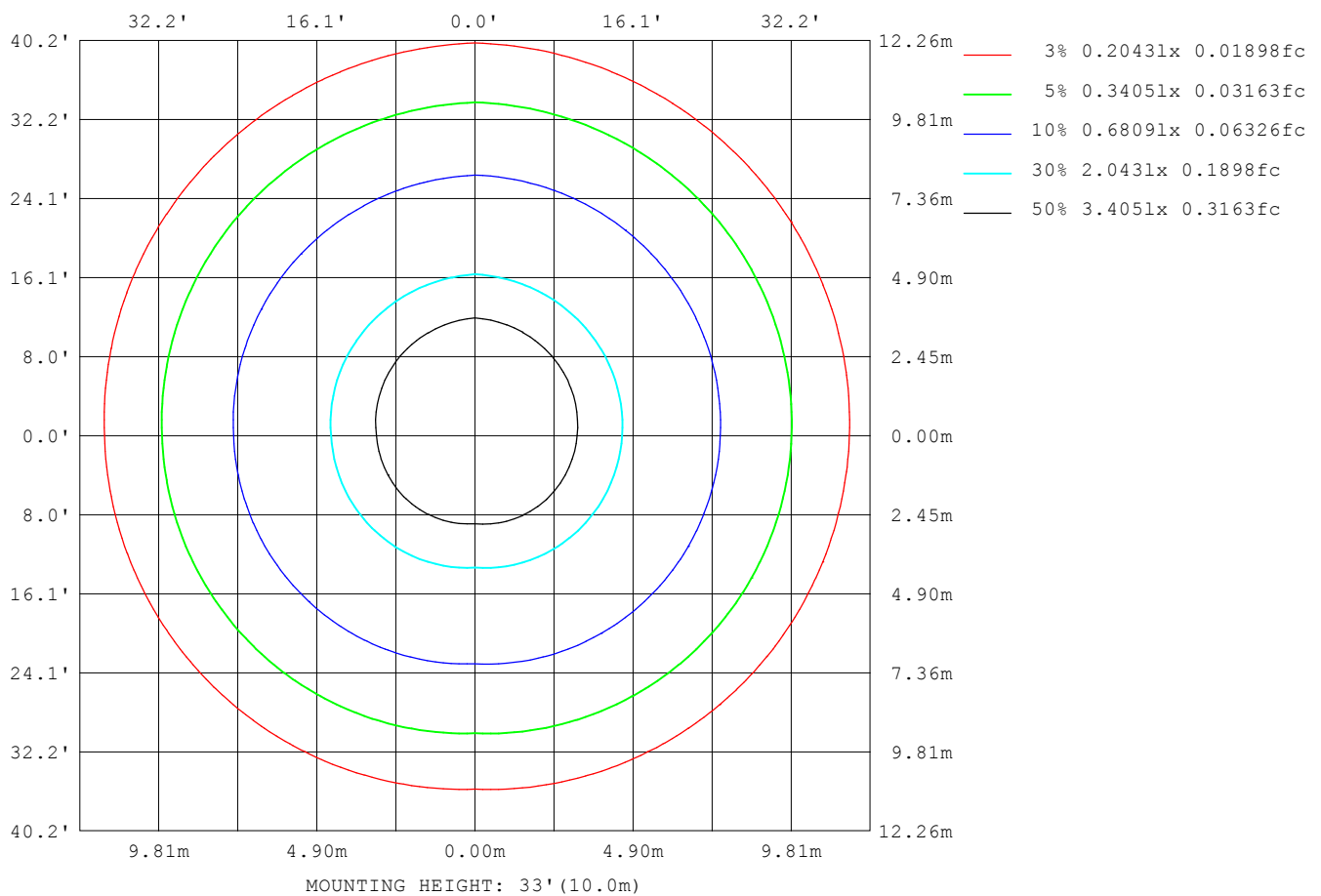
**Note:**The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2022-12-16

☐ Range: 0 - 180DEG  
☐ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
 Humidity:65.0%  
 Test Distance:7.710m [K=1.0000]  
 Remarks:

**ISOLUX DIAGRAM**

NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: AURORA	SUR.:	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2022-12-16

☐ Range: 0 - 180DEG  
☐ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
 Humidity: 65.0%  
 Test Distance: 7.710m [K=1.0000]  
 Remarks:

### LED Avg.L Report

NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: AURORA	SUR.:	Shielding Angle:

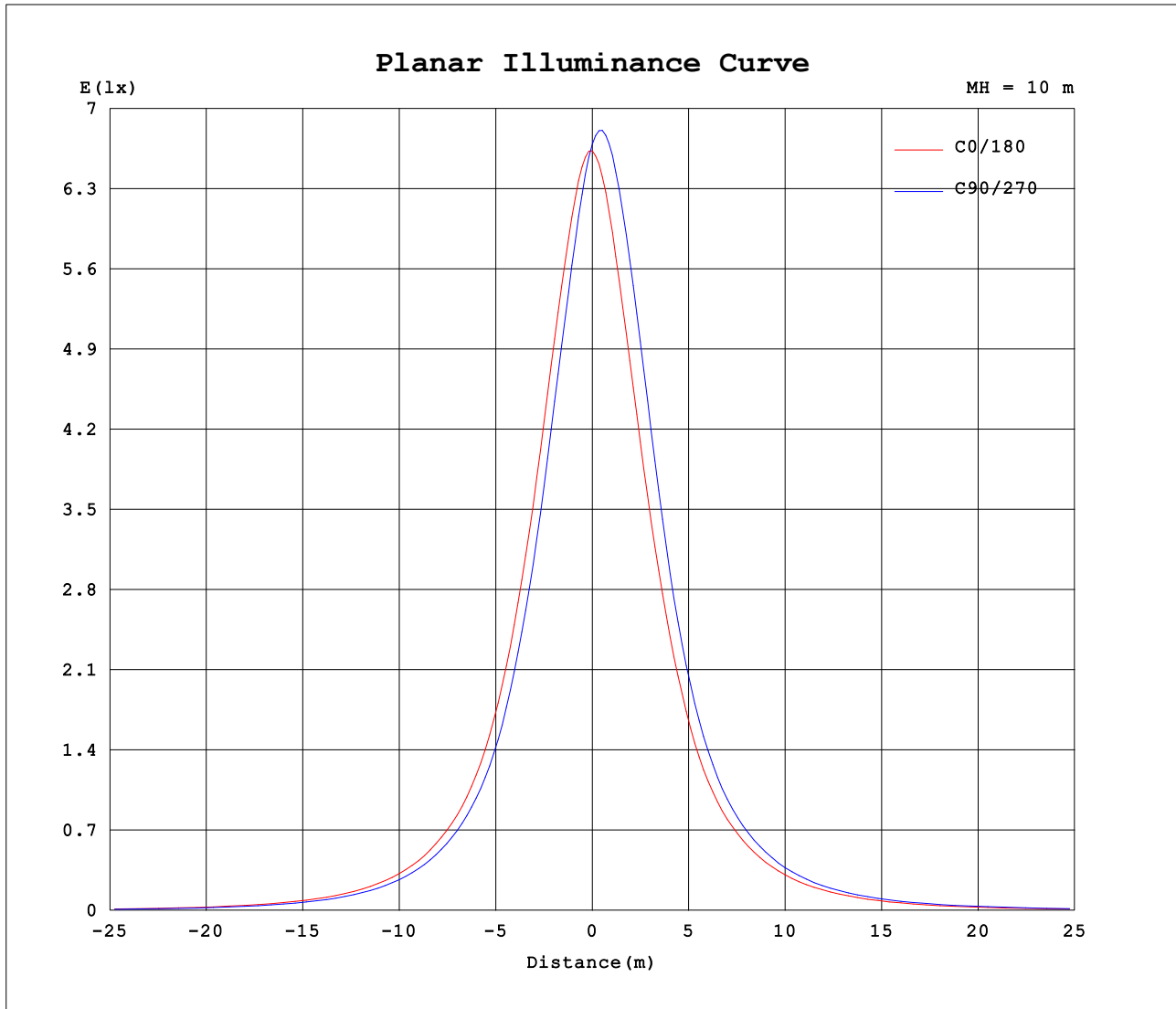
AvgL	cd/m2
L_0~180 (65) av	727
L_0~180 (75) av	490
L_0~180 (85) av	231
L_90~270 (65) av	735
L_90~270 (75) av	498
L_90~270 (85) av	248
L_45 (65) av	731
L_45 (75) av	493
L_45 (85) av	240

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 90.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2022-12-16

☐ Range: 0 - 180DEG  
☐ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
Humidity:65.0%  
Test Distance:7.710m [K=1.0000]  
Remarks:

### Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2022-12-16

☐ Range: 0 - 180DEG  
☐ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
 Humidity: 65.0%  
 Test Distance: 7.710m [K=1.0000]  
 Remarks:

# LUMINOUS DISTRIBUTION INTENSITY DATA

NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: AURORA	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C (DEG) □ (DEG)	0	90	180	270															
0	663	669	663	669															
5	629	591	617	677															
10	547	490	528	618															
15	446	385	427	523															
20	348	293	333	412															
25	265	218	254	312															
30	199	165	189	234															
35	152	127	145	177															
40	118	98.7	113	137															
45	91.4	76.5	88.2	106															
50	70.8	59.1	68.5	82.3															
55	54.8	45.0	52.7	64.0															
60	41.9	33.8	40.1	49.2															
65	31.3	24.9	30.2	37.3															
70	23.2	16.5	21.7	27.6															
75	13.4	6.66	12.0	19.1															
80	4.79	2.76	4.21	8.95															
85	2.19	1.06	1.84	3.26															
90	0.54	0.42	0.22	1.35															
95	0.30	0.37	0.17	0.15															
100	0.37	0.48	0.24	0.15															
105	0.49	0.63	0.31	0.22															
110	0.64	0.81	0.42	0.30															
115	0.83	1.04	0.55	0.44															
120	1.07	1.33	0.72	0.56															
125	1.36	1.67	0.91	0.75															
130	1.73	2.08	1.17	0.97															
135	2.15	2.52	1.48	1.25															
140	2.61	2.98	1.86	1.60															
145	3.05	3.41	2.29	2.01															
150	3.46	3.79	2.76	2.48															
155	3.82	4.08	3.20	2.94															
160	4.08	4.28	3.59	3.38															
165	4.25	4.39	3.89	3.75															
170	4.34	4.44	4.12	4.04															
175	4.39	4.45	4.29	4.27															
180	4.41	4.43	4.41	4.43															

C Range: 0 - 360DEG  
C Interval: 90.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2022-12-16

□ Range: 0 - 180DEG  
□ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
Humidity:65.0%  
Test Distance:7.710m [K=1.0000]  
Remarks: