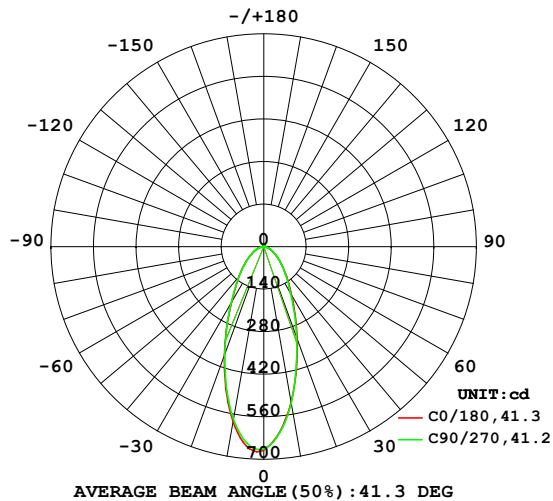


LUMINAIRE PHOTOMETRIC TEST REPORT

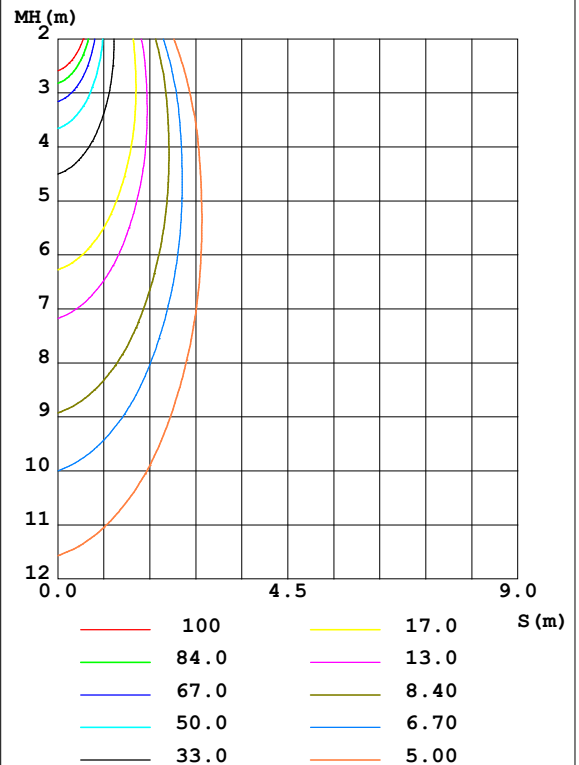
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: AURORA	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 108.33 lm/W			
MODEL	DGU55/40	I _{max} (cd)	675.3	S/MH (C0/180)	0.70
NOMINAL POWER(W)	5	LOR(%)	100.0	S/MH (C90/270)	0.69
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	572.46	□ UP,DN (C0-180)	0.9,45.2
NOMINAL FLUX(lm)	572.464	CIE CLASS	DIRECT	□ UP,DN (C180-360)	0.6,53.2
LAMPS INSIDE	1	□ up (%)	1.6	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	230	□ down (%)	98.4	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: DAMIN
Test Date: 24 May 2023

□ 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	520.6	522.0	584.6	576.0					0- 10	57.76	57.76	10.1,10.1
20	321.3	316.8	379.5	375.7					10- 20	123.9	181.7	31.7,31.7
30	182.3	176.7	213.4	215.4					20- 30	121.3	303.0	52.9,52.9
40	107.5	106.3	126.4	125.8					30- 40	94.79	397.8	69.5,69.5
50	64.40	64.19	76.28	74.48					40- 50	70.20	468.0	81.8,81.8
60	37.24	37.43	44.87	43.58					50- 60	48.43	516.4	90.2,90.2
70	19.83	20.00	25.06	23.97					60- 70	30.50	546.9	95.5,95.5
80	3.556	3.785	7.437	6.271					70- 80	14.05	561.0	98,98
90	0.2990	0.2713	0.9350	0.7911					80- 90	2.525	563.5	98.4,98.4
100	0.4361	0.4485	0.2241	0.1887					90-100	0.3345	563.8	98.5,98.5
110	0.7425	0.7588	0.3934	0.3735					100-110	0.4598	564.3	98.6,98.6
120	1.234	1.238	0.6610	0.6405					110-120	0.7335	565.0	98.7,98.7
130	1.948	1.947	1.089	1.081					120-130	1.081	566.1	98.9,98.9
140	2.826	2.844	1.743	1.749					130-140	1.455	567.6	99.1,99.1
150	3.648	3.684	2.627	2.633					140-150	1.699	569.3	99.4,99.4
160	4.191	4.239	3.496	3.487					150-160	1.620	570.9	99.7,99.7
170	4.403	4.458	4.113	4.096					160-170	1.152	572.0	99.9,99.9
180	4.431	4.478	4.466	4.450					170-180	0.4150	572.5	100,100
DEG	LUMINOUS INTENSITY:cd								UNIT:lm			

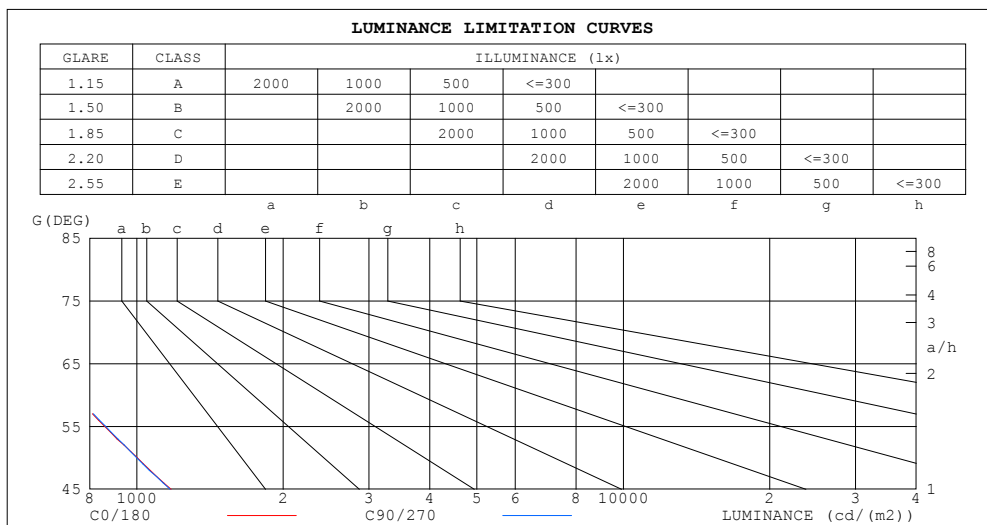
0 - 45 DEG Zonal Flux:435.86 %lum: 76.1%
 0 - 60 DEG Zonal Flux:516.44 %lum: 90.2%
 @35% Iavg: 7.9%
 @50% Iavg: 11.7%

C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:24 May 2023

□ 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:



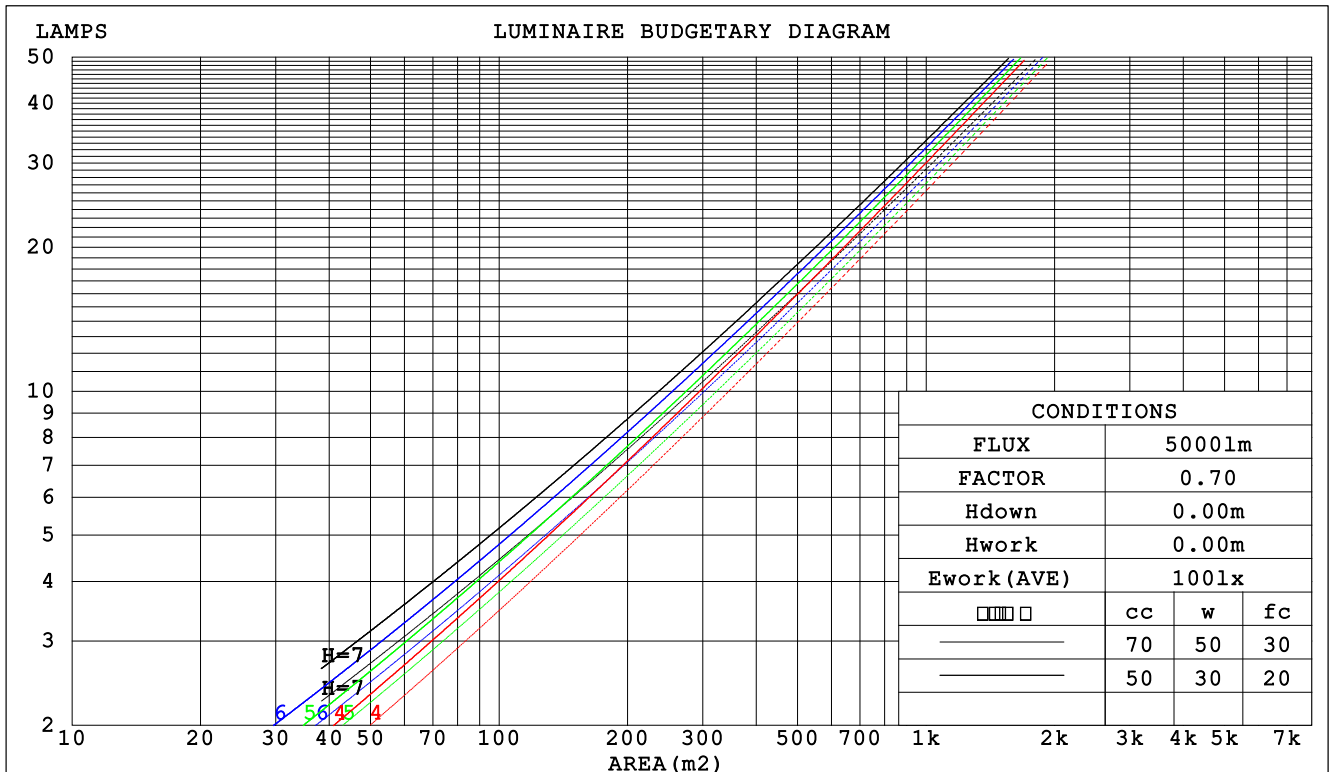
C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:24 May 2023

☐ 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:DAMIN
Test Date:24 May 2023

□ 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 .128 .041	.219 .125 .040	.205 .117 .038	.192 .111 .036	.181 .105 .034	
2.0	.216 .118 .036	.210 .116 .036	.198 .110 .034	.187 .105 .033	.177 .100 .032	
3.0	.204 .108 .032	.198 .106 .032	.188 .102 .031	.178 .098 .030	.169 .094 .029	
4.0	.191 .099 .029	.186 .097 .029	.177 .094 .028	.169 .091 .027	.161 .087 .027	
5.0	.179 .091 .026	.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 .077 .022	.149 .075 .022	.143 .073 .021	.138 .072 .021	
8.0	.150 .073 .021	.147 .072 .020	.141 .071 .020	.136 .069 .020	.131 .067 .020	
9.0	.142 .069 .019	.139 .068 .019	.134 .066 .019	.129 .065 .019	.125 .063 .018	
10.0	.135 .065 .018	.132 .064 .018	.128 .063 .018	.123 .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	.187 .169 .153	.160 .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 .076 .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 .079 .046	.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 .024	.040 .025 .014	.013 .008 .005	

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:24 May 2023

☐ 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	12.2	13.4	12.5	13.6	13.8	12.2	13.4	12.5	13.6	13.8
	3H	13.0	14.1	13.3	14.3	14.6	13.0	14.1	13.3	14.3	14.6
	4H	13.2	14.2	13.5	14.5	14.8	13.3	14.3	13.6	14.5	14.8
	6H	13.2	14.2	13.6	14.5	14.7	13.3	14.2	13.6	14.5	14.8
	8H	13.2	14.1	13.6	14.4	14.7	13.2	14.2	13.6	14.4	14.7
	12H	13.2	14.1	13.5	14.4	14.7	13.2	14.1	13.6	14.4	14.7
4H	2H	12.5	13.5	12.9	13.8	14.1	12.5	13.5	12.9	13.8	14.1
	3H	13.5	14.4	13.9	14.7	15.0	13.5	14.4	13.9	14.7	15.0
	4H	13.8	14.6	14.2	14.9	15.3	13.8	14.6	14.2	14.9	15.3
	6H	13.8	14.5	14.2	14.9	15.3	13.9	14.6	14.3	14.9	15.3
	8H	13.8	14.5	14.2	14.8	15.2	13.8	14.5	14.3	14.9	15.3
	12H	13.8	14.4	14.2	14.8	15.2	13.8	14.4	14.3	14.8	15.3
8H	4H	13.8	14.5	14.2	14.9	15.3	13.8	14.5	14.3	14.9	15.3
	6H	13.9	14.4	14.3	14.8	15.3	13.9	14.5	14.4	14.9	15.3
	8H	13.9	14.4	14.4	14.8	15.3	13.9	14.4	14.4	14.8	15.3
	12H	13.9	14.3	14.4	14.8	15.3	13.9	14.3	14.4	14.8	15.3
12H	4H	13.8	14.4	14.2	14.8	15.2	13.8	14.4	14.2	14.8	15.2
	6H	13.9	14.3	14.3	14.8	15.2	13.9	14.4	14.4	14.8	15.3
	8H	13.9	14.3	14.4	14.7	15.2	13.9	14.3	14.4	14.8	15.3
Variations with the observer position at spacings:											
S = 1.0H		+ 0.5 / - 0.7					+ 0.5 / - 0.7				
1.5H		+ 0.3 / - 0.4					+ 0.3 / - 0.3				
2.0H		+ 1.0 / - 0.8					+ 0.9 / - 0.8				

CIE Pub.117, 572.5 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:DAMIN
Test Date:24 May 2023

☐ 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:

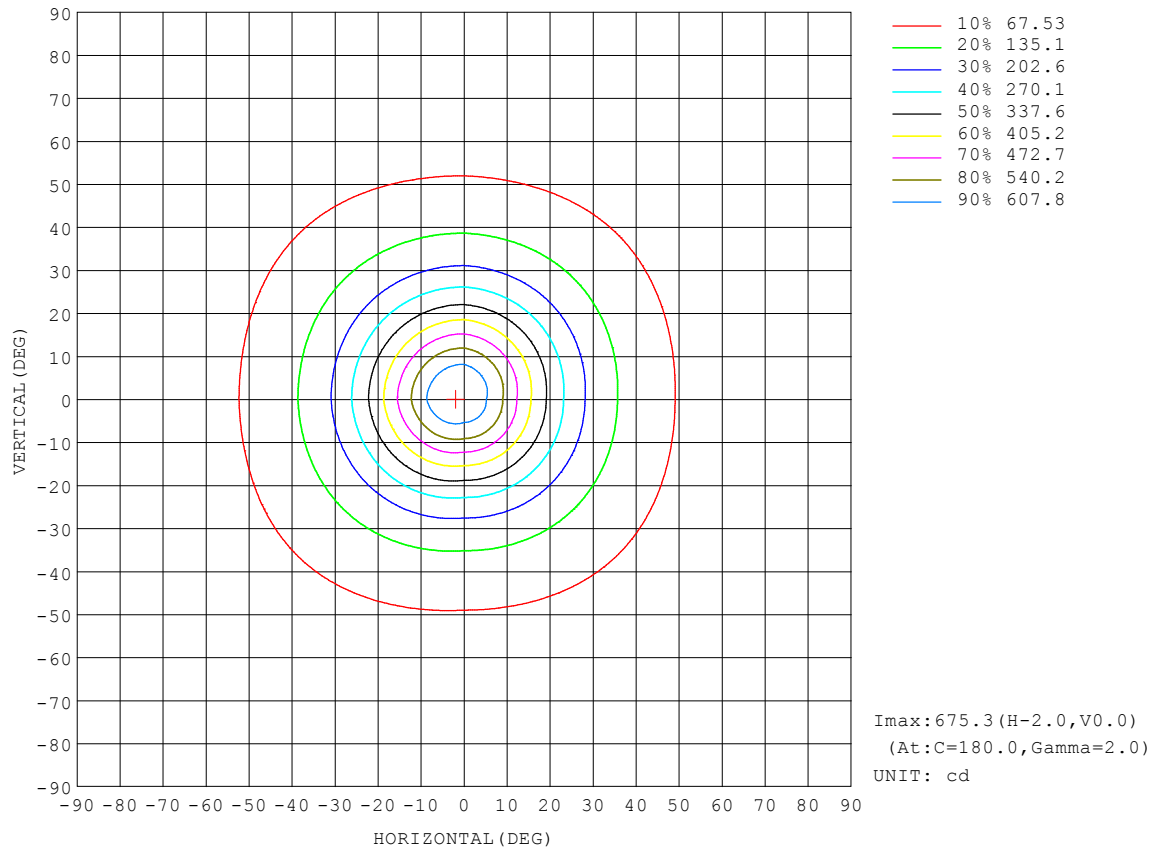
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Range: 0 - 180DEG
Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:7.710m [K=1.0000]
Remarks:

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ISOCANDELA DIAGRAM

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

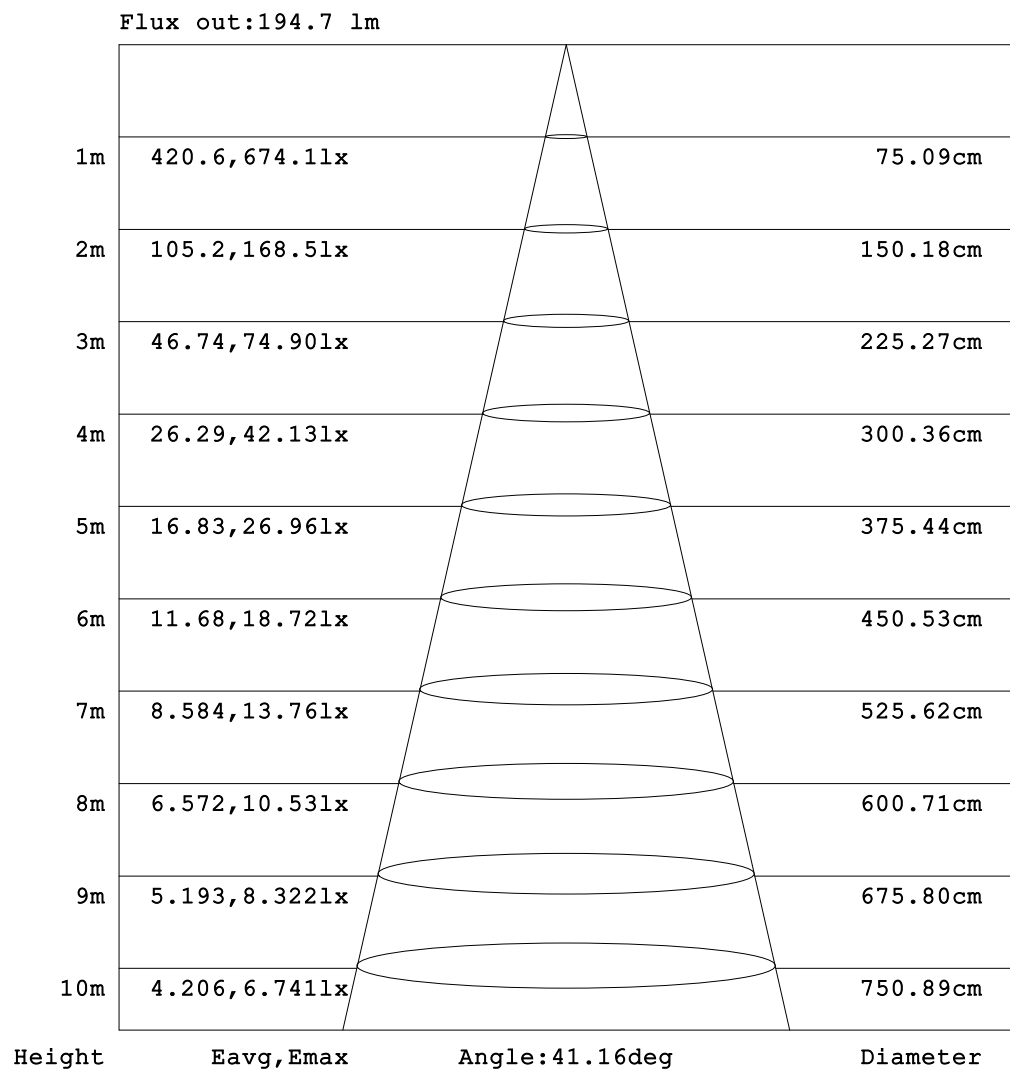


C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:24 May 2023

☐ 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:



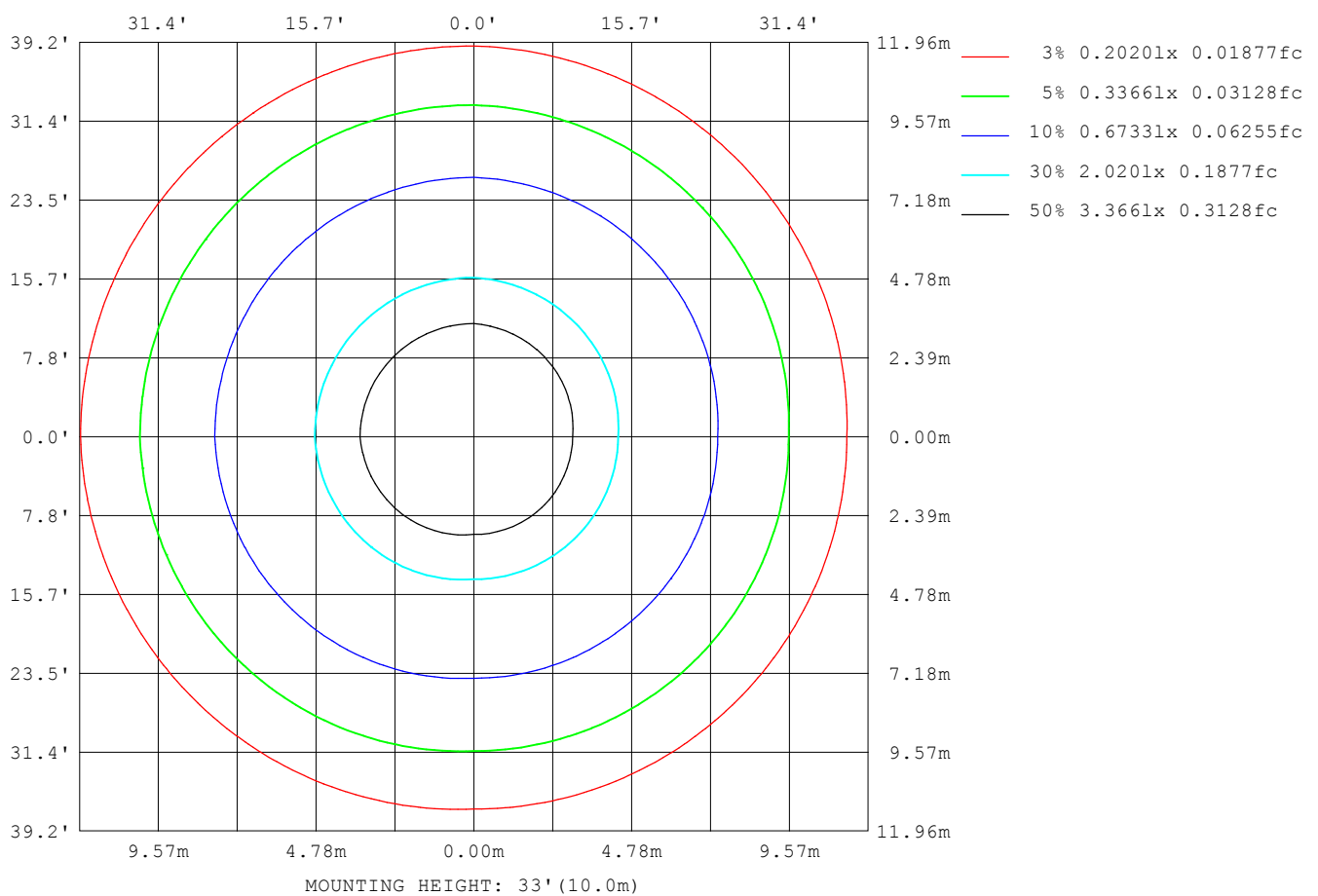
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:24 May 2023

☐ 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:DAMIN
 Test Date:24 May 2023

☐ 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:

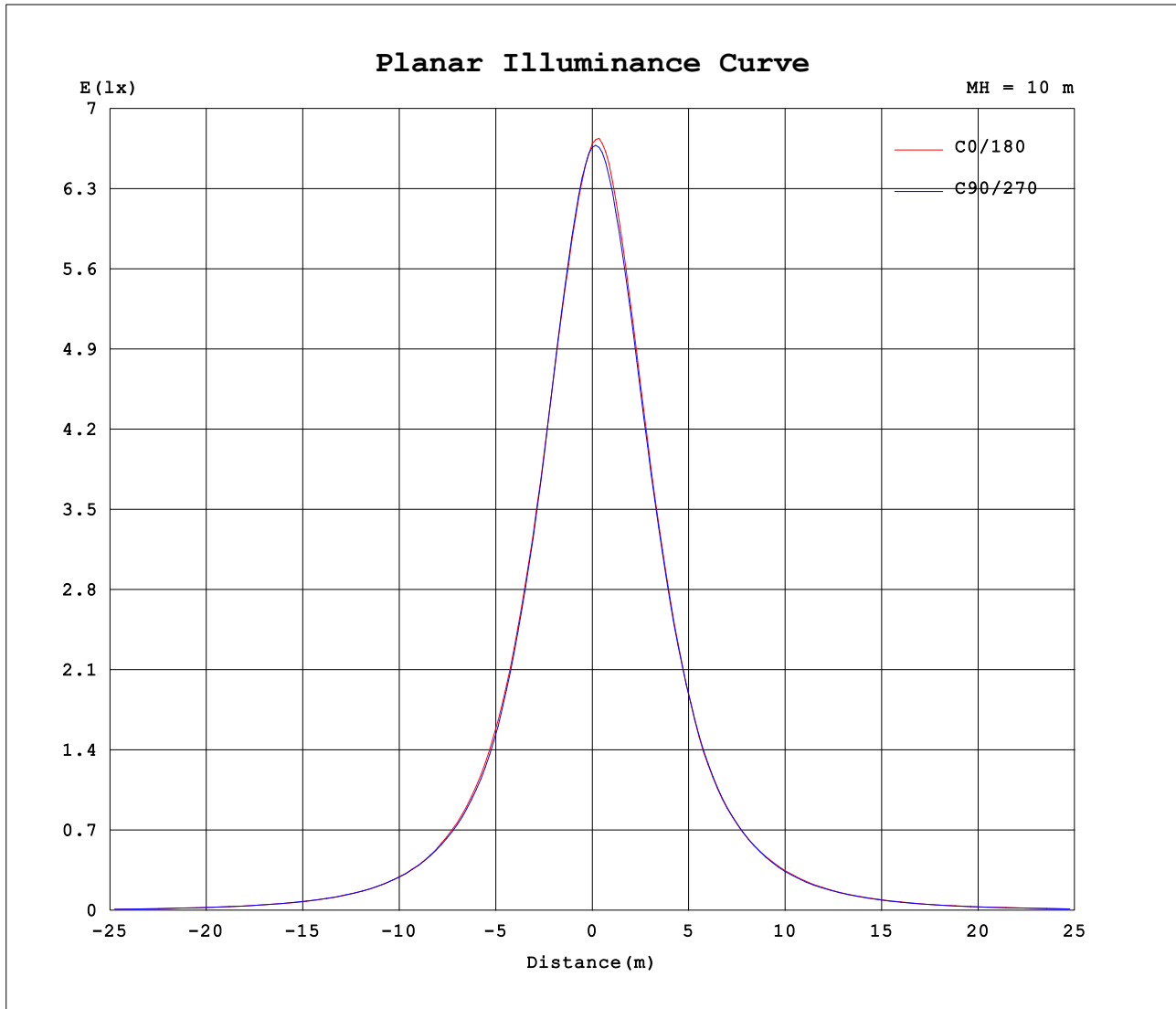
AvgL	cd/m2
L_0~180 (65) av	727
L_0~180 (75) av	519
L_0~180 (85) av	247
L_90~270 (65) av	716
L_90~270 (75) av	504
L_90~270 (85) av	234
L_45 (65) av	725
L_45 (75) av	518
L_45 (85) av	244

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:24 May 2023

☐ 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: DAMIN
 Test Date: 24 May 2023

☐ 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	670	666	670	666															
5	611	614	659	648															
10	521	522	585	576															
15	416	414	484	477															
20	321	317	379	376															
25	242	237	289	288															
30	182	177	213	215															
35	140	136	162	163															
40	108	106	126	126															
45	83.2	82.8	98.8	96.6															
50	64.4	64.2	76.3	74.5															
55	49.2	49.5	58.8	57.5															
60	37.2	37.4	44.9	43.6															
65	27.5	27.8	33.9	32.7															
70	19.8	20.0	25.1	24.0															
75	10.1	10.4	16.8	15.7															
80	3.56	3.78	7.44	6.27															
85	1.55	1.60	2.76	2.48															
90	0.30	0.27	0.94	0.79															
95	0.32	0.35	0.16	0.18															
100	0.44	0.45	0.22	0.19															
105	0.57	0.59	0.30	0.27															
110	0.74	0.76	0.39	0.37															
115	0.96	0.97	0.51	0.49															
120	1.23	1.24	0.66	0.64															
125	1.55	1.56	0.85	0.84															
130	1.95	1.95	1.09	1.08															
135	2.38	2.39	1.38	1.37															
140	2.83	2.84	1.74	1.75															
145	3.27	3.29	2.17	2.18															
150	3.65	3.68	2.63	2.63															
155	3.96	4.00	3.08	3.08															
160	4.19	4.24	3.50	3.49															
165	4.33	4.39	3.84	3.83															
170	4.40	4.46	4.11	4.10															
175	4.43	4.49	4.32	4.30															
180	4.43	4.48	4.47	4.45															

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:24 May 2023

□ 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: