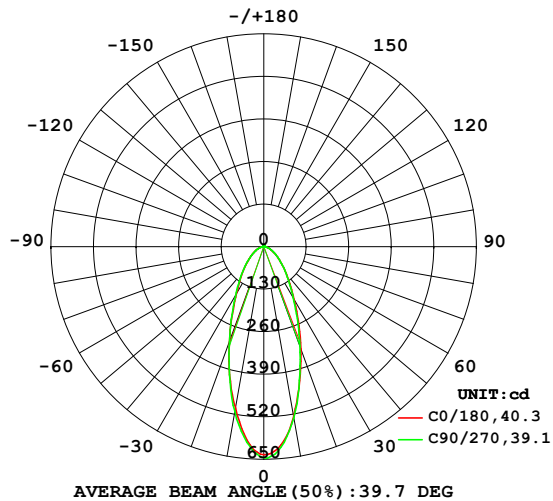


LUMINAIRE PHOTOMETRIC TEST REPORT

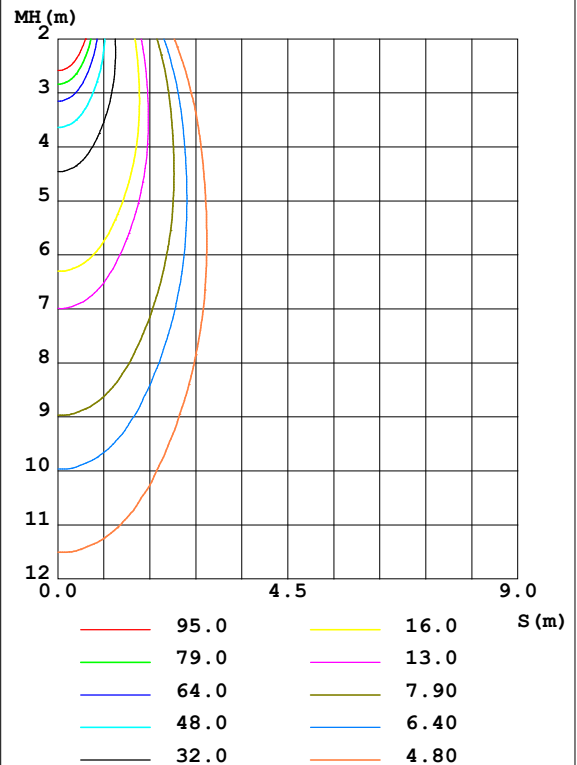
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: AURORA	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 101.82 lm/W
MODEL	DGU55/27	I _{max} (cd)	646.3	S/MH (C0/180)	0.62	
NOMINAL POWER(W)	5	LOR(%)	100.0	S/MH (C90/270)	0.61	
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	514.21	□ UP,DN (C0-180)	0.9,50.7	
NOMINAL FLUX(lm)	514.206	CIE CLASS	DIRECT	□ UP,DN (C180-360)	0.7,47.8	
LAMPS INSIDE	1	□ up (%)	1.5	CIBSE SHR NOM	0.50	
TEST VOLTAGE(V)	230	□ down (%)	98.5	CIBSE SHR MAX	0.70	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2025-03-05

□ 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	528.2	530.9	500.8	512.1					0- 10	54.84	54.84	10.7,10.7
20	331.9	323.7	308.5	307.4					10- 20	114.8	169.7	33,33
30	185.6	180.6	168.8	173.9					20- 30	109.7	279.3	54.3,54.3
40	106.8	105.7	99.27	101.1					30- 40	84.77	364.1	70.8,70.8
50	62.62	62.56	58.81	59.33					40- 50	61.65	425.7	82.8,82.8
60	35.39	35.90	34.08	33.75					50- 60	41.76	467.5	90.9,90.9
70	18.91	19.35	18.07	17.87					60- 70	25.72	493.2	95.9,95.9
80	4.019	4.294	3.346	3.246					70- 80	11.20	504.4	98.1,98.1
90	0.5280	0.5589	0.2158	0.2858					80- 90	1.925	506.3	98.5,98.5
100	0.3220	0.3546	0.2085	0.1807					90-100	0.2760	506.6	98.5,98.5
110	0.5692	0.5981	0.3697	0.3415					100-110	0.3807	507.0	98.6,98.6
120	0.9543	0.9756	0.6255	0.6086					110-120	0.6107	507.6	98.7,98.7
130	1.555	1.566	1.042	1.029					120-130	0.9159	508.5	98.9,98.9
140	2.363	2.392	1.688	1.684					130-140	1.269	509.8	99.1,99.1
150	3.164	3.197	2.536	2.515					140-150	1.525	511.3	99.4,99.4
160	3.722	3.747	3.299	3.259					150-160	1.474	512.8	99.7,99.7
170	3.935	3.939	3.743	3.679					160-170	1.042	513.8	99.9,99.9
180	3.951	3.923	3.975	3.900					170-180	0.3699	514.2	100,100
DEG	LUMINOUS INTENSITY:cd								UNIT:lm			

0 - 45 DEG Zonal Flux:397.64 %lum: 77.3%

0 - 60 DEG Zonal Flux:467.5 %lum: 90.9%

@35% Iavg: 7.7%

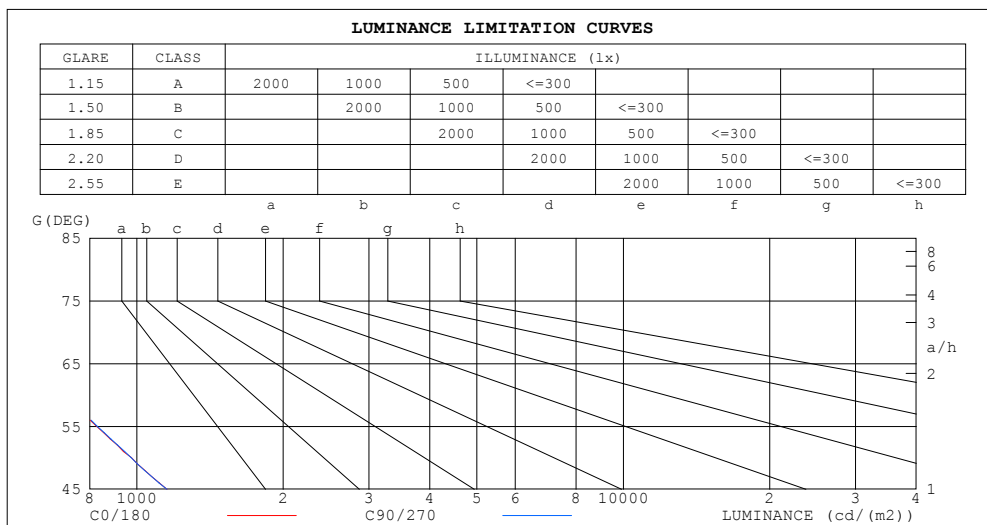
@50% Iavg: 11.6%

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-03-05

□ 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:



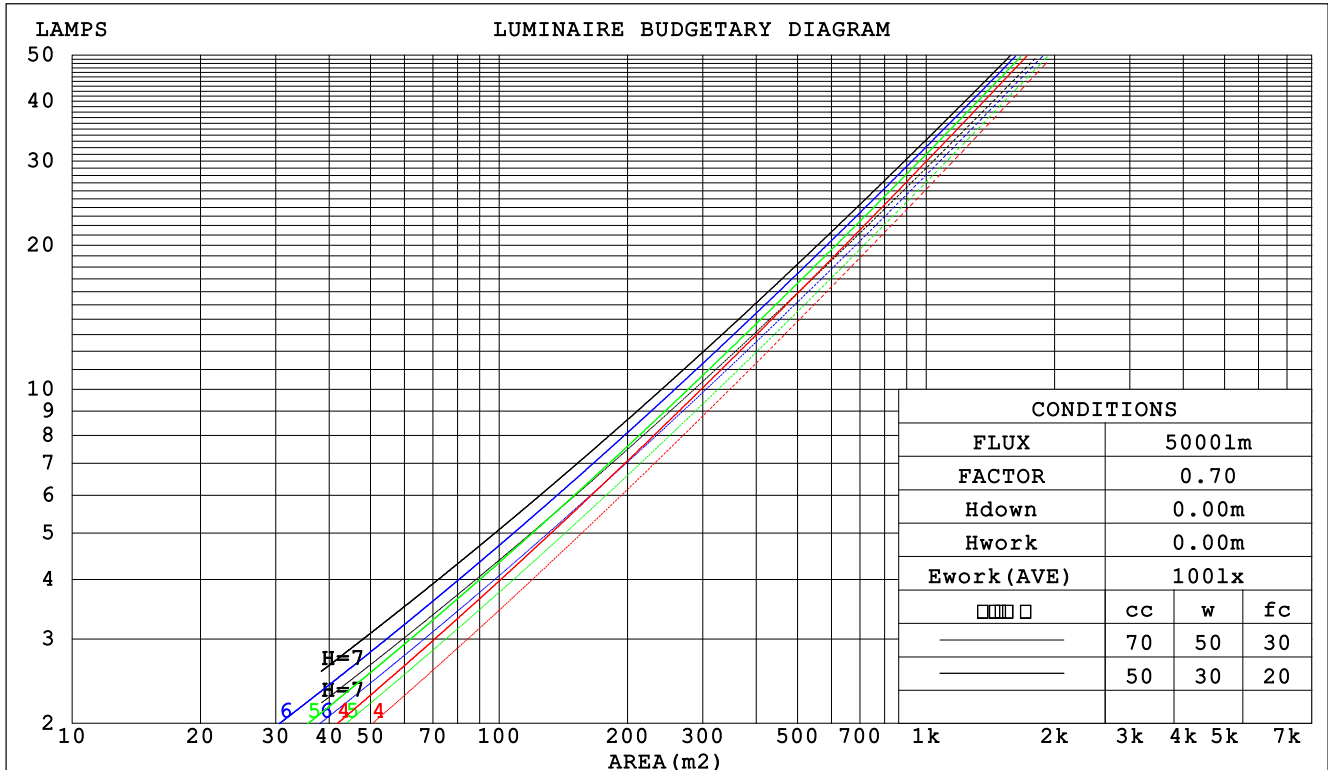
C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2025-03-05

☐ 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	Coefficients of Utilization(CU)															
	RCR:Room Cavity Ratio															
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.10	1.10	1.10	1.05	1.05	1.05	1.01	1.01	1.01	.98
1.0	1.08	1.05	1.02	1.06	1.03	1.00	1.01	.99	.97	.97	.96	.94	.94	.92	.91	.89
2.0	.98	.93	.89	.96	.92	.88	.93	.89	.86	.90	.86	.84	.87	.84	.82	.80
3.0	.90	.84	.79	.88	.83	.78	.85	.81	.77	.83	.79	.75	.80	.77	.74	.72
4.0	.83	.76	.71	.81	.75	.70	.79	.74	.69	.77	.72	.68	.74	.71	.67	.66
5.0	.76	.69	.64	.75	.69	.64	.73	.68	.63	.71	.66	.62	.69	.65	.62	.60
6.0	.71	.64	.59	.70	.63	.59	.68	.62	.58	.67	.61	.57	.65	.60	.57	.55
7.0	.66	.59	.54	.65	.59	.54	.64	.58	.54	.62	.57	.53	.61	.56	.53	.51
8.0	.62	.55	.50	.61	.55	.50	.60	.54	.50	.59	.53	.50	.58	.53	.49	.48
9.0	.58	.51	.47	.58	.51	.47	.56	.51	.47	.55	.50	.46	.54	.50	.46	.45
10.0	.55	.48	.44	.54	.48	.44	.53	.48	.44	.52	.47	.44	.52	.47	.43	.42



C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-03-05

☐ 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	.221 .126 .040	.214 .122 .039	.200 .115 .037	.188 .108 .035	.176 .102 .033	
2.0	.212 .116 .036	.206 .113 .035	.194 .108 .033	.183 .103 .032	.173 .098 .031	
3.0	.200 .106 .032	.194 .104 .031	.184 .100 .030	.175 .096 .029	.166 .092 .028	
4.0	.188 .098 .029	.183 .096 .028	.174 .092 .028	.166 .089 .027	.158 .086 .026	
5.0	.176 .090 .026	.172 .088 .026	.164 .086 .025	.157 .083 .025	.150 .080 .024	
6.0	.166 .083 .024	.162 .082 .024	.155 .080 .023	.149 .077 .023	.143 .075 .022	
7.0	.157 .077 .022	.153 .076 .022	.147 .074 .021	.141 .072 .021	.136 .070 .021	
8.0	.148 .072 .020	.145 .071 .020	.139 .070 .020	.134 .068 .020	.129 .066 .019	
9.0	.140 .068 .019	.138 .067 .019	.133 .066 .019	.128 .064 .018	.123 .063 .018	
10.0	.133 .064 .018	.131 .063 .018	.126 .062 .017	.122 .060 .017	.118 .059 .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	.173 .144 .119	.149 .124 .103	.102 .086 .072	.059 .050 .042	.019 .016 .014	
3.0	.163 .126 .096	.140 .108 .083	.096 .075 .058	.055 .044 .034	.018 .014 .011	
4.0	.154 .112 .079	.132 .096 .069	.091 .067 .049	.052 .039 .029	.017 .013 .009	
5.0	.145 .100 .067	.125 .087 .058	.086 .061 .041	.050 .036 .024	.016 .012 .008	
6.0	.138 .091 .058	.119 .079 .051	.082 .055 .036	.048 .033 .021	.015 .011 .007	
7.0	.132 .084 .051	.113 .073 .044	.078 .051 .031	.045 .030 .019	.015 .010 .006	
8.0	.125 .078 .046	.108 .068 .040	.075 .048 .028	.043 .028 .017	.014 .009 .006	
9.0	.120 .073 .041	.103 .063 .036	.072 .045 .026	.042 .026 .015	.014 .009 .005	
10.0	.115 .069 .038	.099 .060 .033	.069 .042 .023	.040 .025 .014	.013 .008 .005	

C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2025-03-05

☐ 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	12.8	13.9	13.0	14.1	14.3	12.8	13.9	13.0	14.1	14.3
3H	13.5	14.6	13.8	14.8	15.1	13.6	14.6	13.9	14.9	15.1
4H	13.8	14.8	14.1	15.1	15.3	13.9	14.9	14.2	15.1	15.4
6H	13.9	14.8	14.2	15.1	15.4	13.9	14.9	14.3	15.1	15.4
8H	13.8	14.7	14.2	15.0	15.3	13.9	14.8	14.3	15.1	15.4
12H	13.8	14.7	14.2	15.0	15.3	13.9	14.8	14.3	15.1	15.4
4H 2H	13.1	14.1	13.4	14.3	14.6	13.1	14.1	13.4	14.3	14.6
3H	14.0	14.9	14.4	15.2	15.5	14.1	14.9	14.4	15.2	15.6
4H	14.4	15.2	14.8	15.5	15.9	14.5	15.2	14.8	15.6	15.9
6H	14.5	15.2	14.9	15.5	15.9	14.6	15.2	15.0	15.6	16.0
8H	14.5	15.1	14.9	15.5	15.9	14.6	15.2	15.0	15.6	16.0
12H	14.5	15.1	14.9	15.5	15.9	14.6	15.1	15.0	15.5	16.0
8H 4H	14.5	15.1	14.9	15.5	15.9	14.5	15.2	14.9	15.5	15.9
6H	14.6	15.1	15.1	15.5	16.0	14.7	15.2	15.1	15.6	16.1
8H	14.6	15.1	15.1	15.5	16.0	14.7	15.1	15.2	15.6	16.1
12H	14.6	15.0	15.1	15.5	16.0	14.7	15.1	15.2	15.6	16.1
12H 4H	14.4	15.0	14.9	15.4	15.8	14.5	15.1	14.9	15.5	15.9
6H	14.6	15.0	15.0	15.5	16.0	14.6	15.1	15.1	15.5	16.0
8H	14.6	15.0	15.1	15.5	16.0	14.7	15.1	15.2	15.5	16.0
Variations with the observer position at spacings:										
S = 1.0H	+ 0.5 / - 0.7					+ 0.5 / - 0.6				
1.5H	+ 0.4 / - 0.3					+ 0.4 / - 0.3				
2.0H	+ 1.0 / - 0.8					+ 1.0 / - 0.8				

CIE Pub.117, 514.2 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -2.3)

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-03-05

☐ 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:

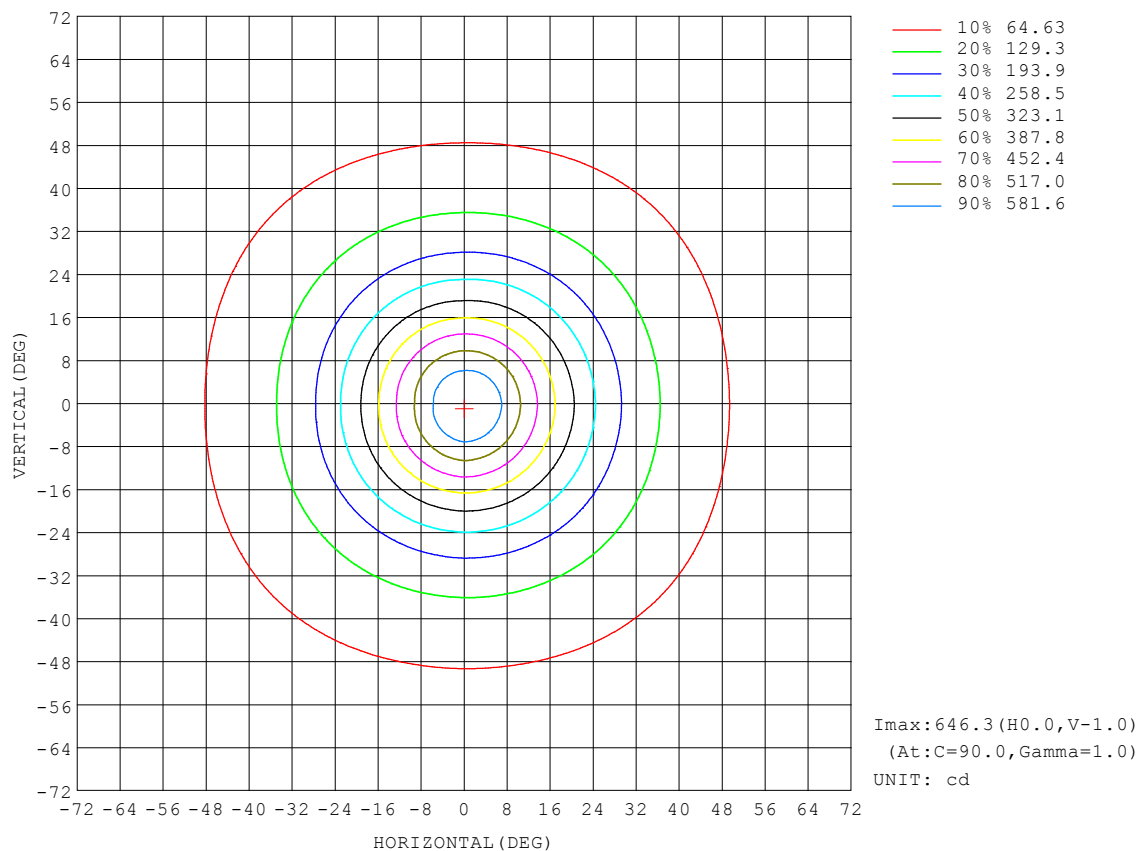
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Range: 0 - 180DEG
Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:7.710m [K=1.0000]
Remarks:

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ISOCANDELA DIAGRAM

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

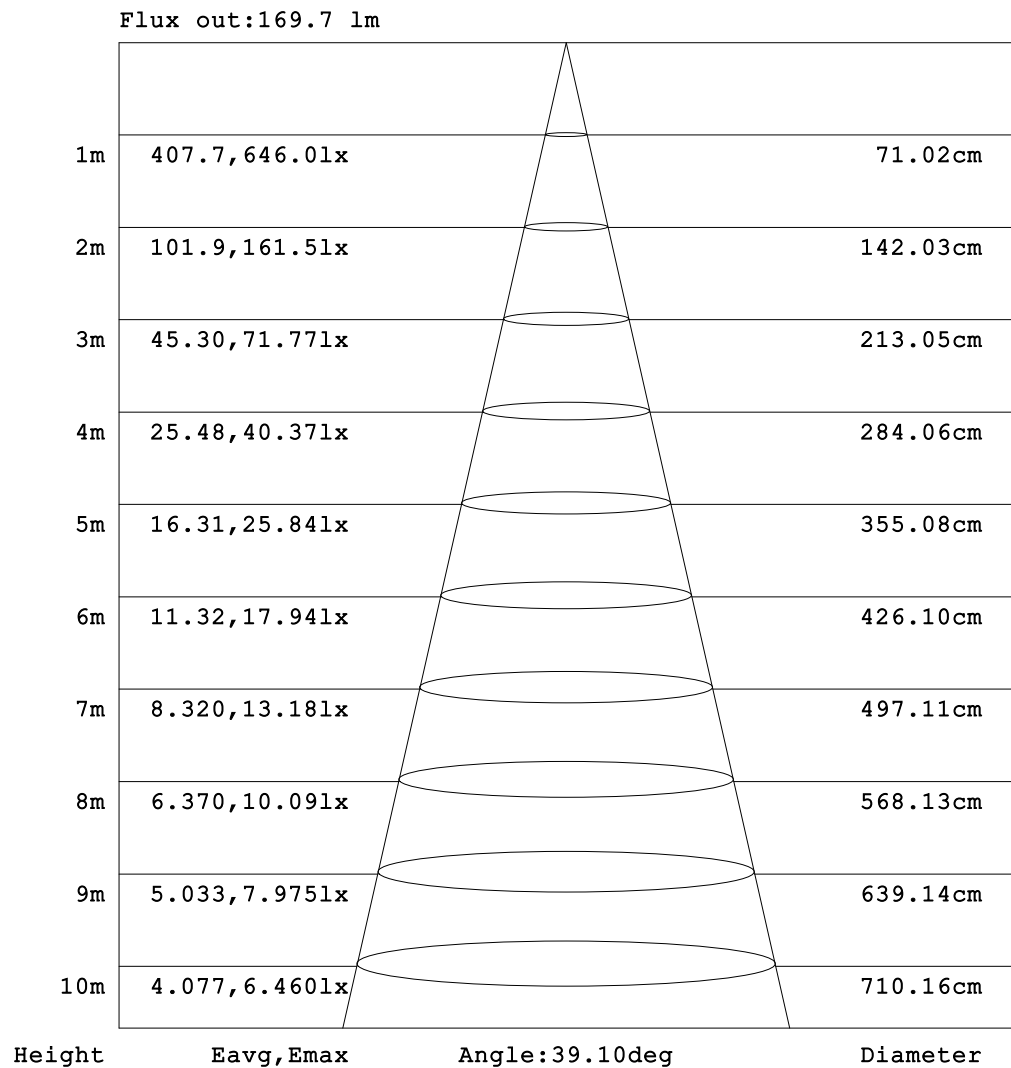


C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-03-05

☐ 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:



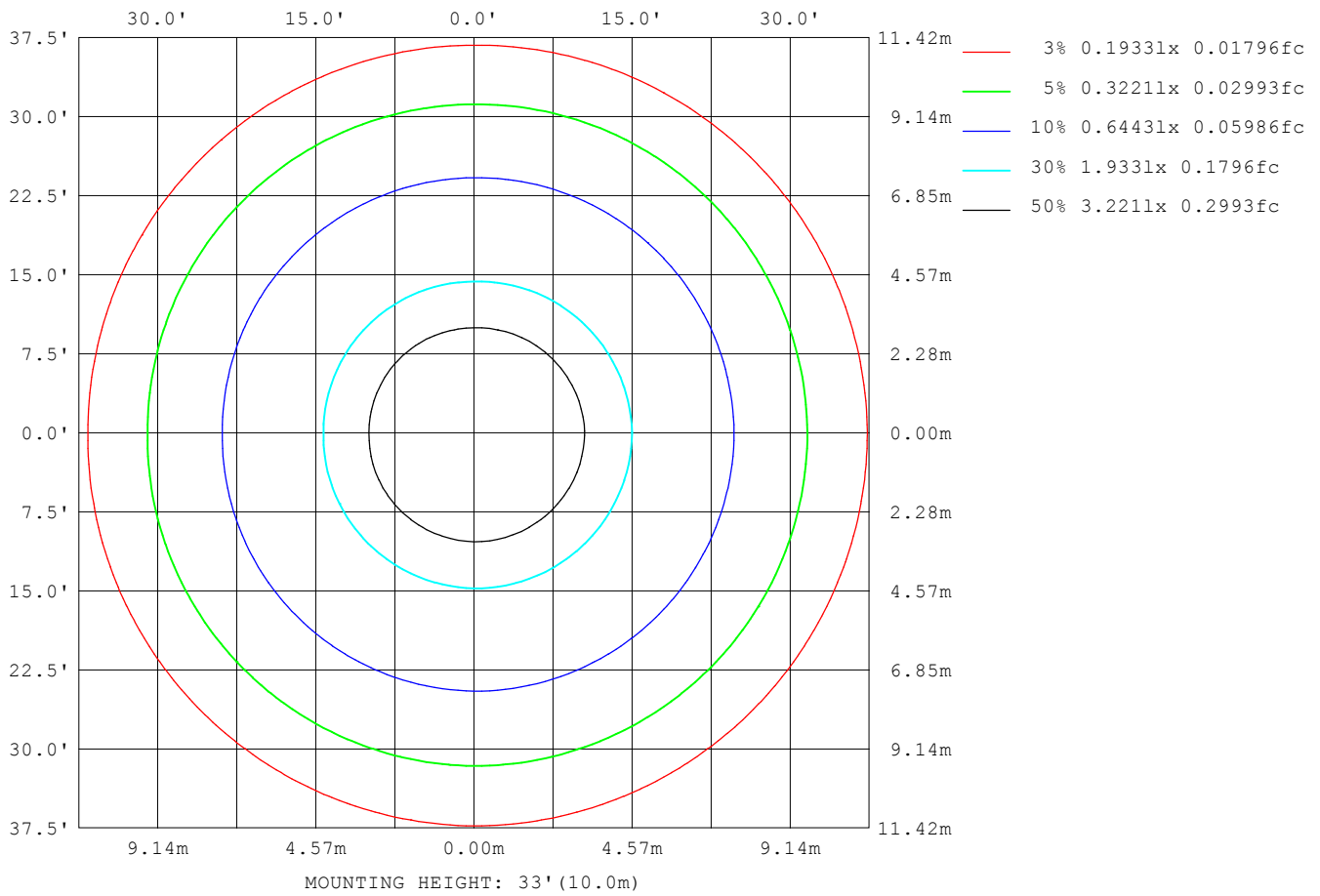
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2025-03-05

☐ 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: MEDIUM
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2025-03-05

☐ 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:

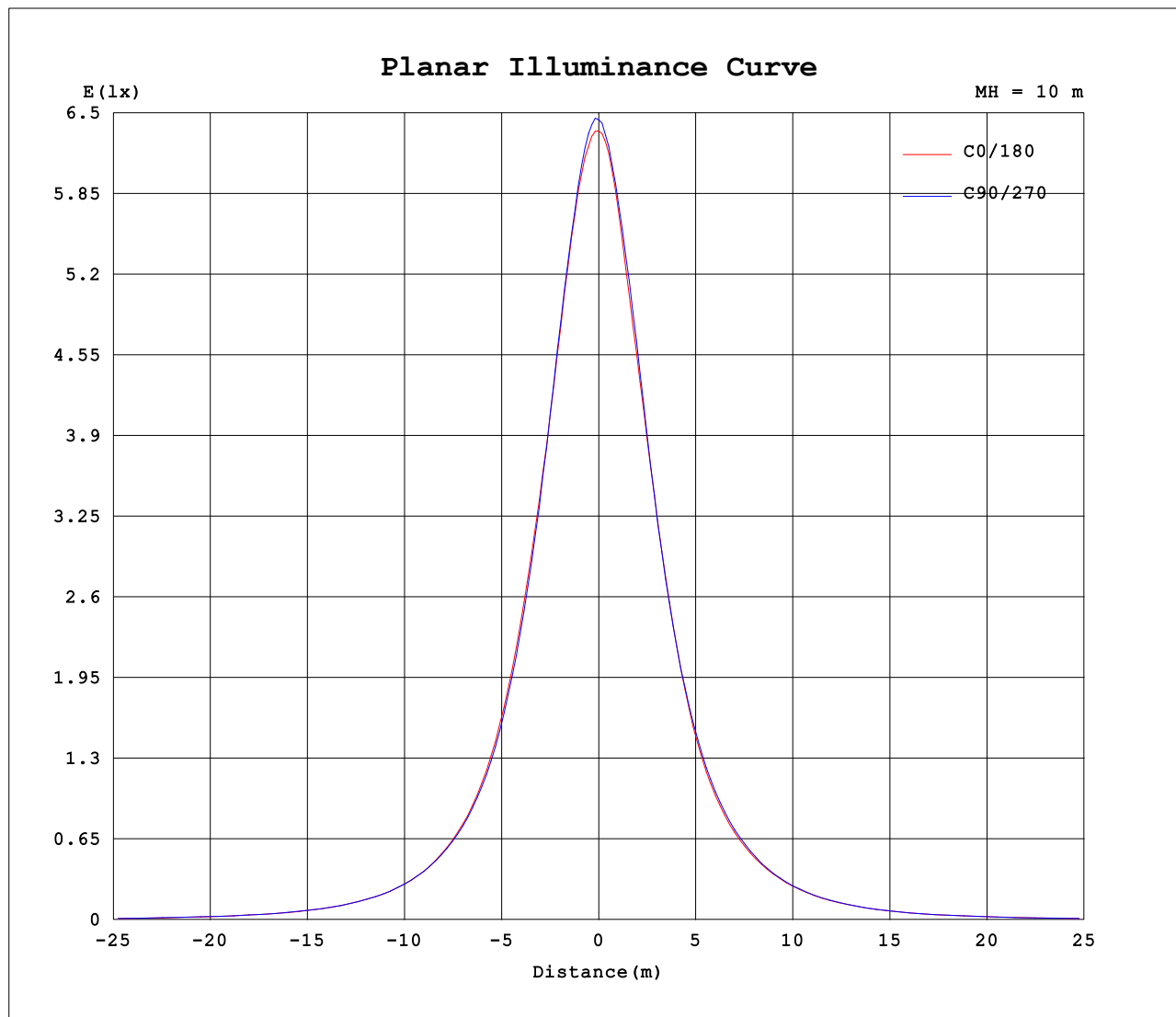
AvgL	cd/m2
L_0~180 (65) av	607
L_0~180 (75) av	400
L_0~180 (85) av	190
L_90~270 (65) av	609
L_90~270 (75) av	405
L_90~270 (85) av	192
L_45 (65) av	607
L_45 (75) av	401
L_45 (85) av	190

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-03-05

☐ 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: MEDIUM
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2025-03-05

☐ 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	635	644	635	644															
5	608	615	594	600															
10	528	531	501	512															
15	425	423	405	406															
20	332	324	309	307															
25	251	244	228	231															
30	186	181	169	174															
35	140	137	128	132															
40	107	106	99.3	101															
45	81.5	81.5	76.6	77.7															
50	62.6	62.6	58.8	59.3															
55	47.4	47.6	45.0	45.1															
60	35.4	35.9	34.1	33.8															
65	26.1	26.6	25.1	24.8															
70	18.9	19.3	18.1	17.9															
75	11.2	11.6	9.53	9.34															
80	4.02	4.29	3.35	3.25															
85	1.88	1.90	1.43	1.45															
90	0.53	0.56	0.22	0.29															
95	0.30	0.28	0.16	0.18															
100	0.32	0.35	0.21	0.18															
105	0.43	0.46	0.28	0.25															
110	0.57	0.60	0.37	0.34															
115	0.74	0.77	0.48	0.46															
120	0.95	0.98	0.63	0.61															
125	1.23	1.24	0.81	0.79															
130	1.55	1.57	1.04	1.03															
135	1.94	1.96	1.34	1.33															
140	2.36	2.39	1.69	1.68															
145	2.78	2.82	2.10	2.09															
150	3.16	3.20	2.54	2.51															
155	3.49	3.52	2.95	2.92															
160	3.72	3.75	3.30	3.26															
165	3.88	3.89	3.55	3.51															
170	3.94	3.94	3.74	3.68															
175	3.97	3.94	3.88	3.81															
180	3.95	3.92	3.97	3.90															

C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2025-03-05

□ 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: