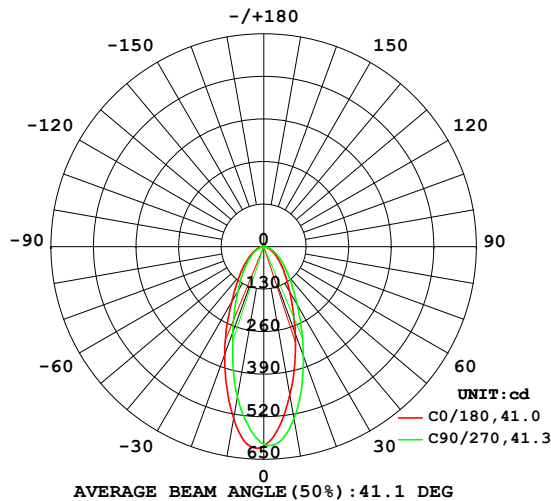


LUMINAIRE PHOTOMETRIC TEST REPORT

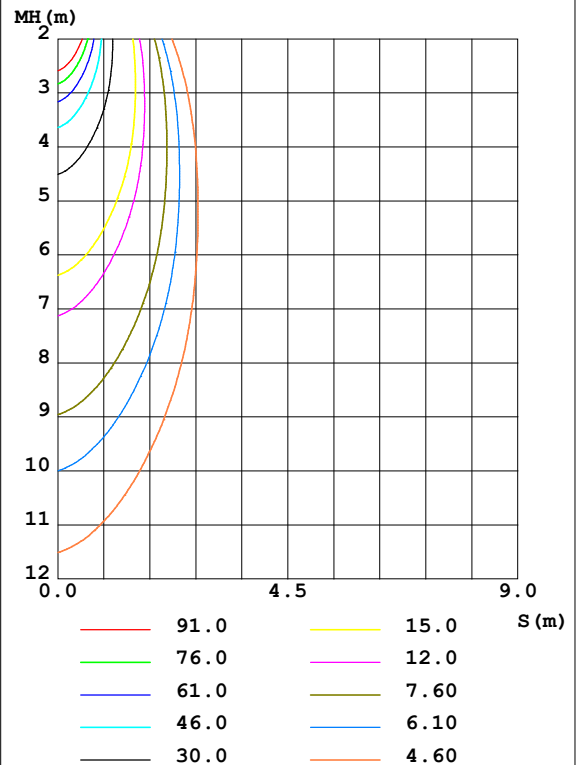
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: AURORA	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 102.50 lm/W			
MODEL	DGU55/30	I _{max} (cd)	616.4	S/MH (C0/180)	0.70
NOMINAL POWER(W)	5	LOR(%)	100.0	S/MH (C90/270)	0.58
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	521.74	□ UP,DN (C0-180)	0.9,49.6
NOMINAL FLUX(lm)	521.739	CIE CLASS	DIRECT	□ UP,DN (C180-360)	0.7,48.8
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: 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	460.5	533.6	532.9	467.0					0- 10	52.40	52.40	10,10
20	282.5	354.1	350.6	277.6					10- 20	112.4	164.8	31.6,31.6
30	159.2	205.6	198.7	159.7					20- 30	110.7	275.5	52.8,52.8
40	94.32	119.9	115.2	95.21					30- 40	86.66	362.1	69.4,69.4
50	56.32	72.77	68.57	57.52					40- 50	63.99	426.1	81.7,81.7
60	32.71	43.51	40.30	33.30					50- 60	44.35	470.5	90.2,90.2
70	17.23	24.14	22.41	17.15					60- 70	27.90	498.4	95.5,95.5
80	3.068	6.977	6.561	3.073					70- 80	12.84	511.2	98,98
90	0.2557	0.9741	0.9119	0.1378					80- 90	2.337	513.6	98.4,98.4
100	0.3813	0.3423	0.1927	0.2122					90-100	0.3037	513.9	98.5,98.5
110	0.6835	0.5781	0.3501	0.4165					100-110	0.4073	514.3	98.6,98.6
120	1.131	0.9475	0.5977	0.7231					110-120	0.6570	514.9	98.7,98.7
130	1.808	1.507	0.9757	1.211					120-130	0.9773	515.9	98.9,98.9
140	2.645	2.276	1.578	1.914					130-140	1.327	517.2	99.1,99.1
150	3.404	3.082	2.391	2.743					140-150	1.564	518.8	99.4,99.4
160	3.896	3.708	3.216	3.447					150-160	1.498	520.3	99.7,99.7
170	4.088	4.046	3.817	3.880					160-170	1.067	521.4	99.9,99.9
180	4.100	4.144	4.140	4.120					170-180	0.3846	521.7	100,100
DEG	LUMINOUS INTENSITY:cd								UNIT:lm			

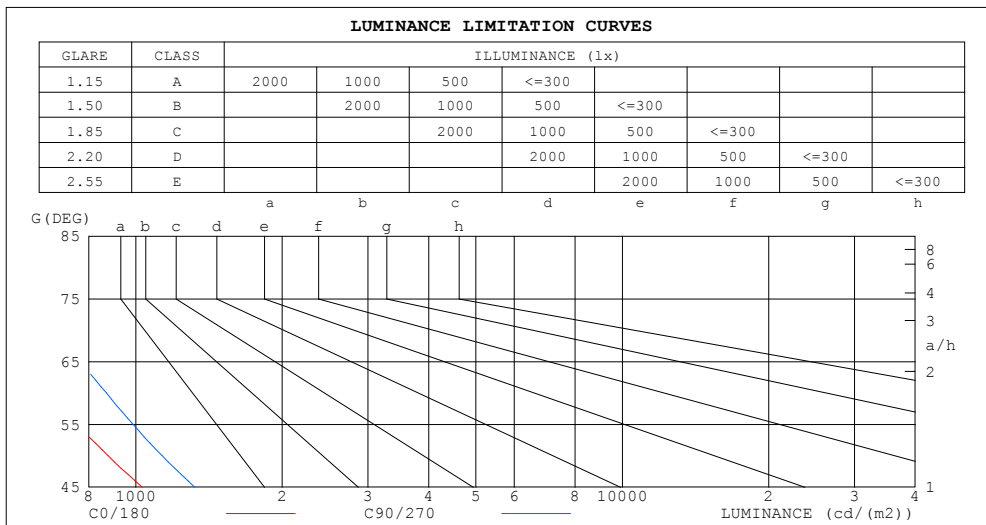
0 - 45 DEG Zonal Flux:396.8 %lum: 76.1%
0 - 60 DEG Zonal Flux:470.48 %lum: 90.2%
@35% Iavg: 7.9%
@50% Iavg: 11.7%

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date: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:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: AURORA	SUR.:	Shielding Angle:



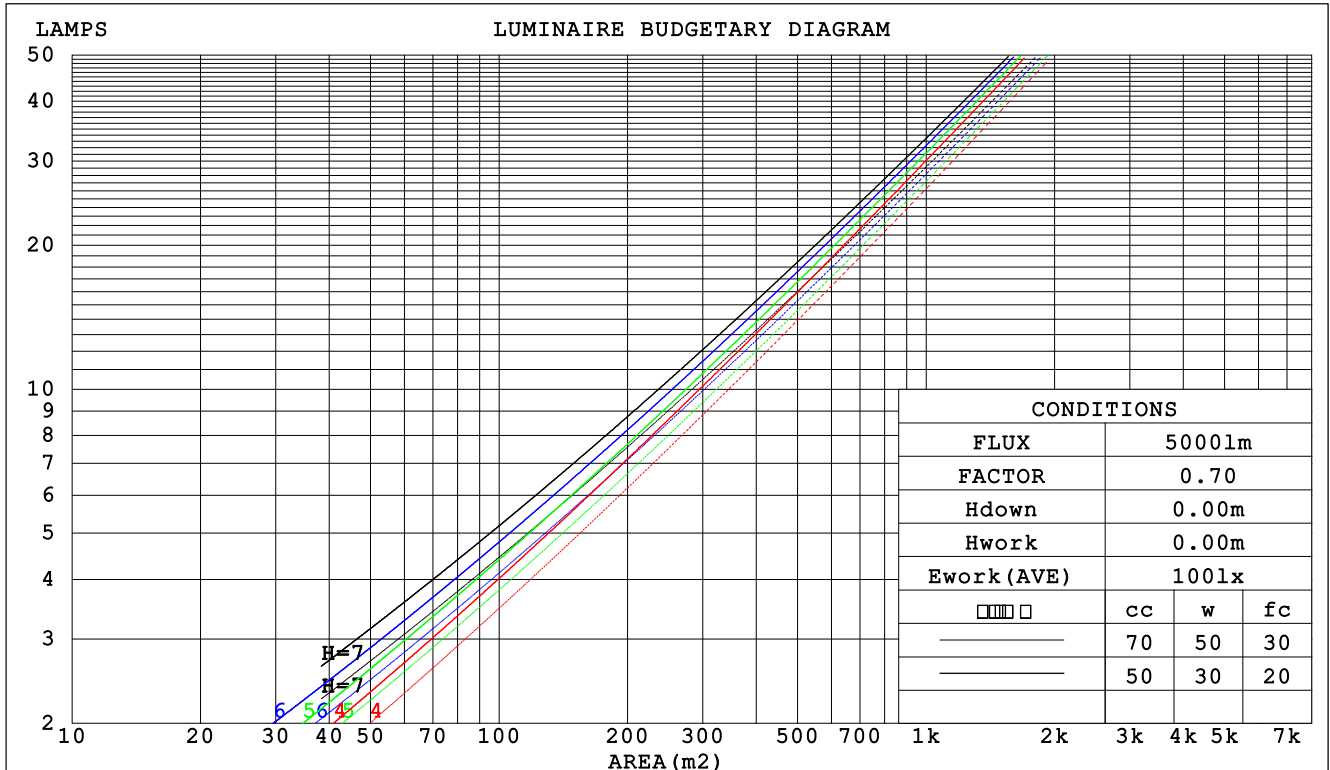
C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2025-03-05

☐ 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:	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	.95	.94	.93	.92	.91	.89
2.0	.98	.93	.89	.96	.91	.87	.92	.89	.85	.89	.86	.83	.86	.83	.81	.79
3.0	.89	.83	.78	.88	.82	.77	.85	.80	.76	.82	.78	.74	.79	.76	.73	.71
4.0	.82	.75	.70	.81	.74	.69	.78	.73	.68	.76	.71	.67	.74	.70	.66	.65
5.0	.76	.68	.63	.74	.68	.63	.72	.67	.62	.70	.65	.61	.69	.64	.61	.59
6.0	.70	.63	.58	.69	.62	.58	.67	.61	.57	.66	.60	.56	.64	.59	.56	.54
7.0	.65	.58	.53	.64	.58	.53	.63	.57	.53	.61	.56	.52	.60	.55	.52	.50
8.0	.61	.54	.49	.60	.54	.49	.59	.53	.49	.58	.52	.48	.57	.52	.48	.47
9.0	.57	.50	.46	.57	.50	.46	.55	.50	.45	.54	.49	.45	.53	.49	.45	.43
10.0	.54	.47	.43	.53	.47	.43	.52	.47	.43	.51	.46	.42	.51	.46	.42	.41



C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
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:	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	.178 .098 .030	.170 .094 .029	
4.0	.191 .099 .029	.186 .098 .029	.177 .094 .028	.169 .091 .027	.161 .088 .027	
5.0	.180 .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 .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	.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	.141 .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 .074 .041	.104 .064 .036	.072 .045 .026	.042 .026 .015	.014 .009 .005	
10.0	.116 .069 .038	.100 .060 .033	.069 .042 .024	.041 .025 .014	.013 .008 .005	

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
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:			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	12.4	13.5	12.7	13.7	14.0	13.4	14.6	13.7	14.8	15.0
	3H	13.2	14.2	13.5	14.5	14.7	14.4	15.5	14.7	15.7	15.9
	4H	13.4	14.4	13.7	14.6	14.9	14.8	15.8	15.1	16.0	16.3
	6H	13.4	14.3	13.7	14.6	14.9	14.9	15.9	15.3	16.2	16.5
	8H	13.3	14.2	13.7	14.5	14.8	14.9	15.8	15.3	16.1	16.4
	12H	13.3	14.2	13.7	14.5	14.8	14.9	15.8	15.3	16.1	16.4
4H	2H	12.8	13.8	13.1	14.1	14.4	13.7	14.7	14.0	15.0	15.2
	3H	13.8	14.7	14.2	15.0	15.3	14.8	15.7	15.2	16.0	16.3
	4H	14.1	14.9	14.4	15.2	15.5	15.3	16.1	15.7	16.4	16.8
	6H	14.1	14.8	14.5	15.2	15.6	15.5	16.2	16.0	16.6	17.0
	8H	14.1	14.7	14.5	15.1	15.5	15.6	16.2	16.0	16.6	17.0
	12H	14.1	14.7	14.5	15.1	15.5	15.6	16.2	16.0	16.6	17.0
8H	4H	14.2	14.8	14.6	15.2	15.6	15.4	16.0	15.8	16.4	16.8
	6H	14.3	14.8	14.7	15.2	15.7	15.6	16.2	16.1	16.6	17.0
	8H	14.3	14.8	14.8	15.2	15.7	15.7	16.2	16.2	16.6	17.1
	12H	14.3	14.7	14.8	15.2	15.7	15.7	16.1	16.2	16.6	17.1
12H	4H	14.2	14.8	14.6	15.2	15.6	15.3	15.9	15.8	16.3	16.7
	6H	14.3	14.7	14.7	15.2	15.7	15.6	16.1	16.1	16.5	17.0
	8H	14.3	14.7	14.8	15.2	15.7	15.7	16.1	16.2	16.5	17.0
Variations with the observer position at spacings:											
S = 1.0H		+ 0.5 / - 0.7					+ 0.4 / - 0.5				
1.5H		+ 0.3 / - 0.5					+ 0.3 / - 0.4				
2.0H		+ 0.8 / - 1.0					+ 0.9 / - 0.8				

CIE Pub.117, 521.7 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -2.3)

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
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:

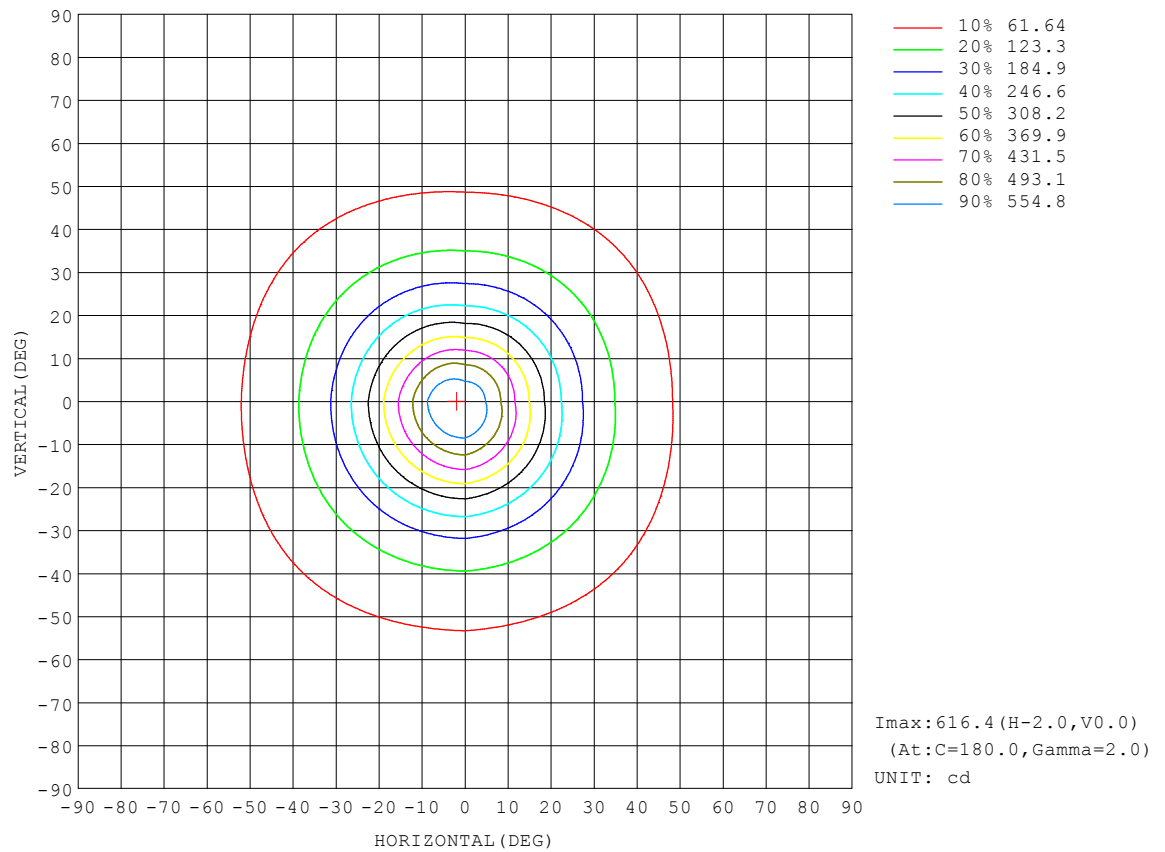
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Range: 0 - 180DEG
Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:7.710m [K=1.0000]
Remarks:

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ISOCANDELA DIAGRAM

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

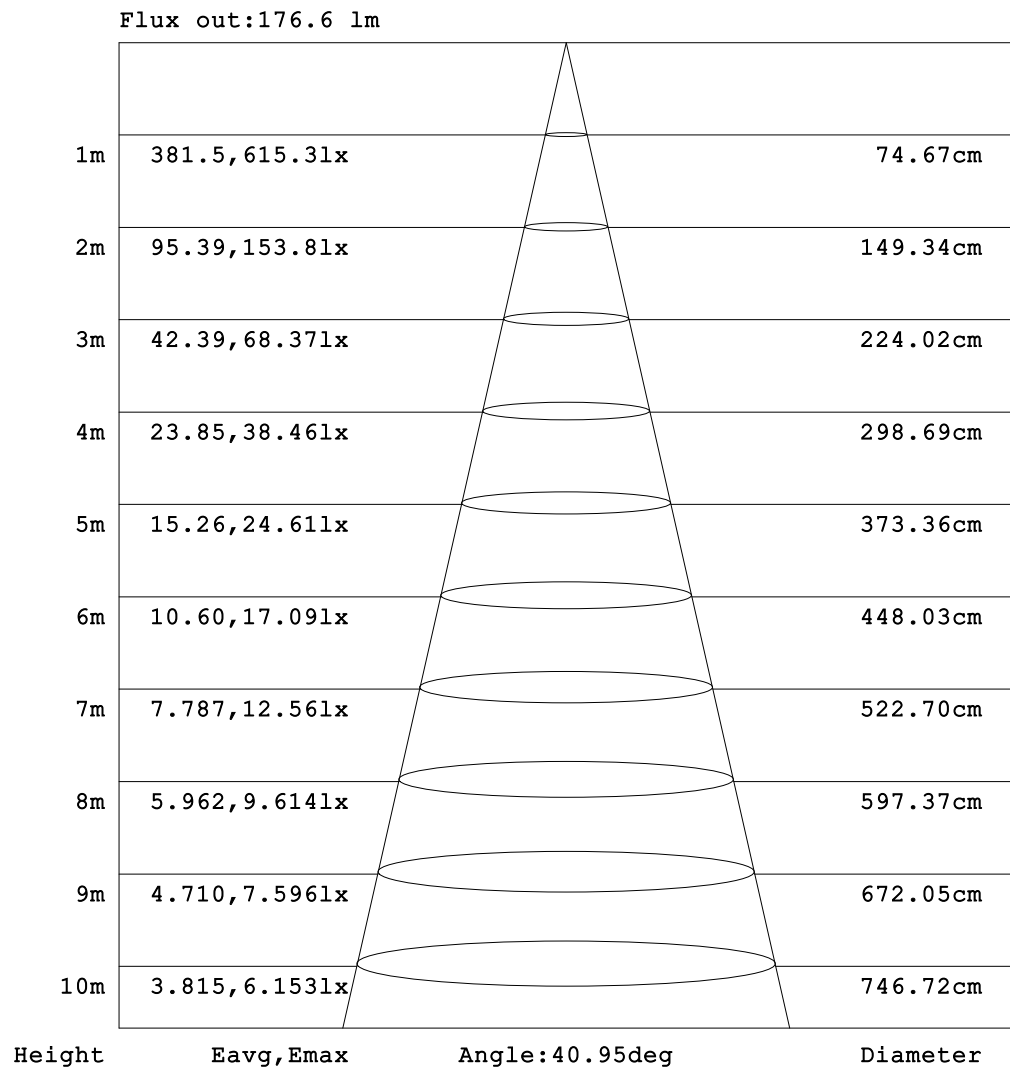


C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2025-03-05

☐ 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:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: AURORA	SUR.:	Shielding Angle:



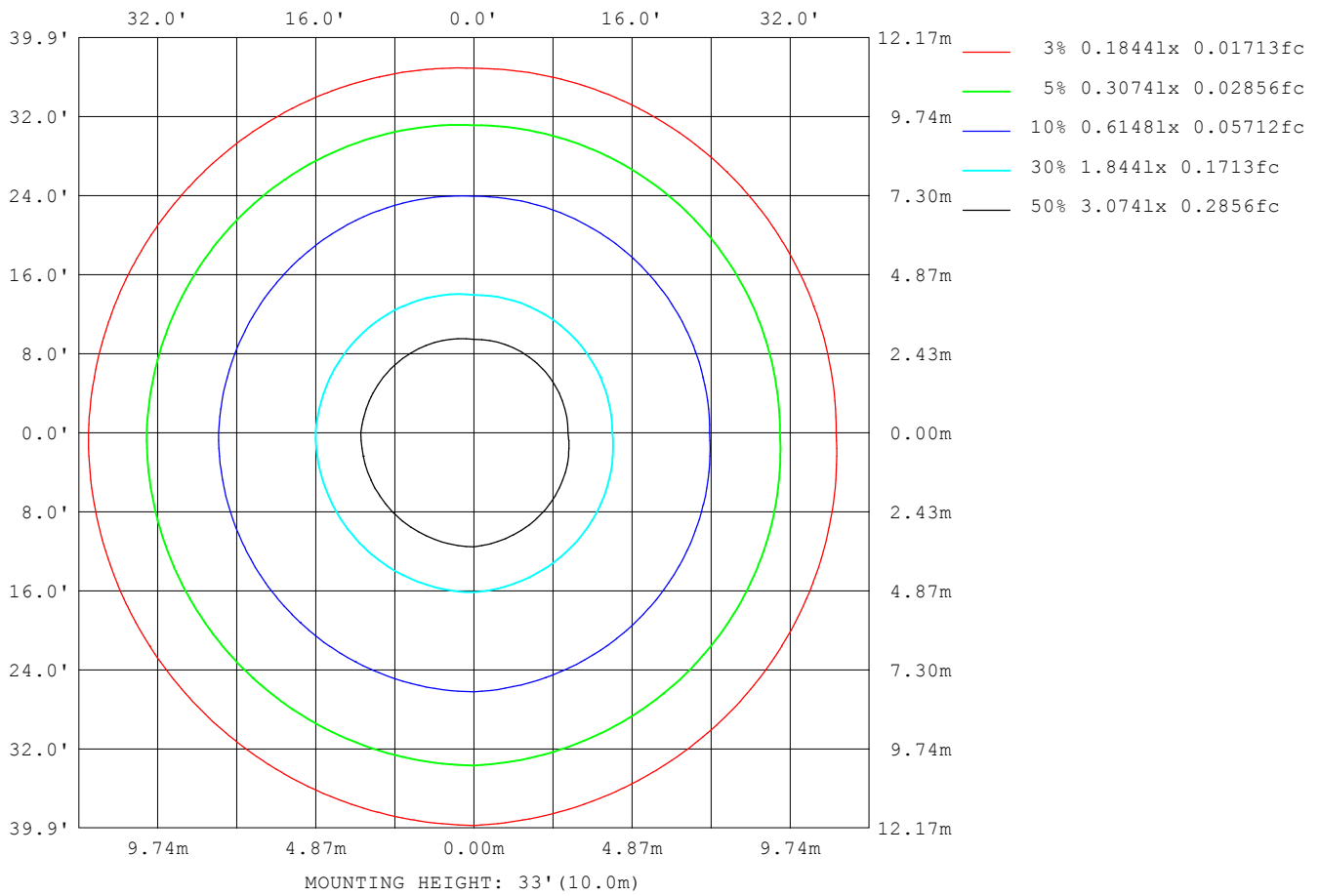
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 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:	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: 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:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: AURORA	SUR.:	Shielding Angle:

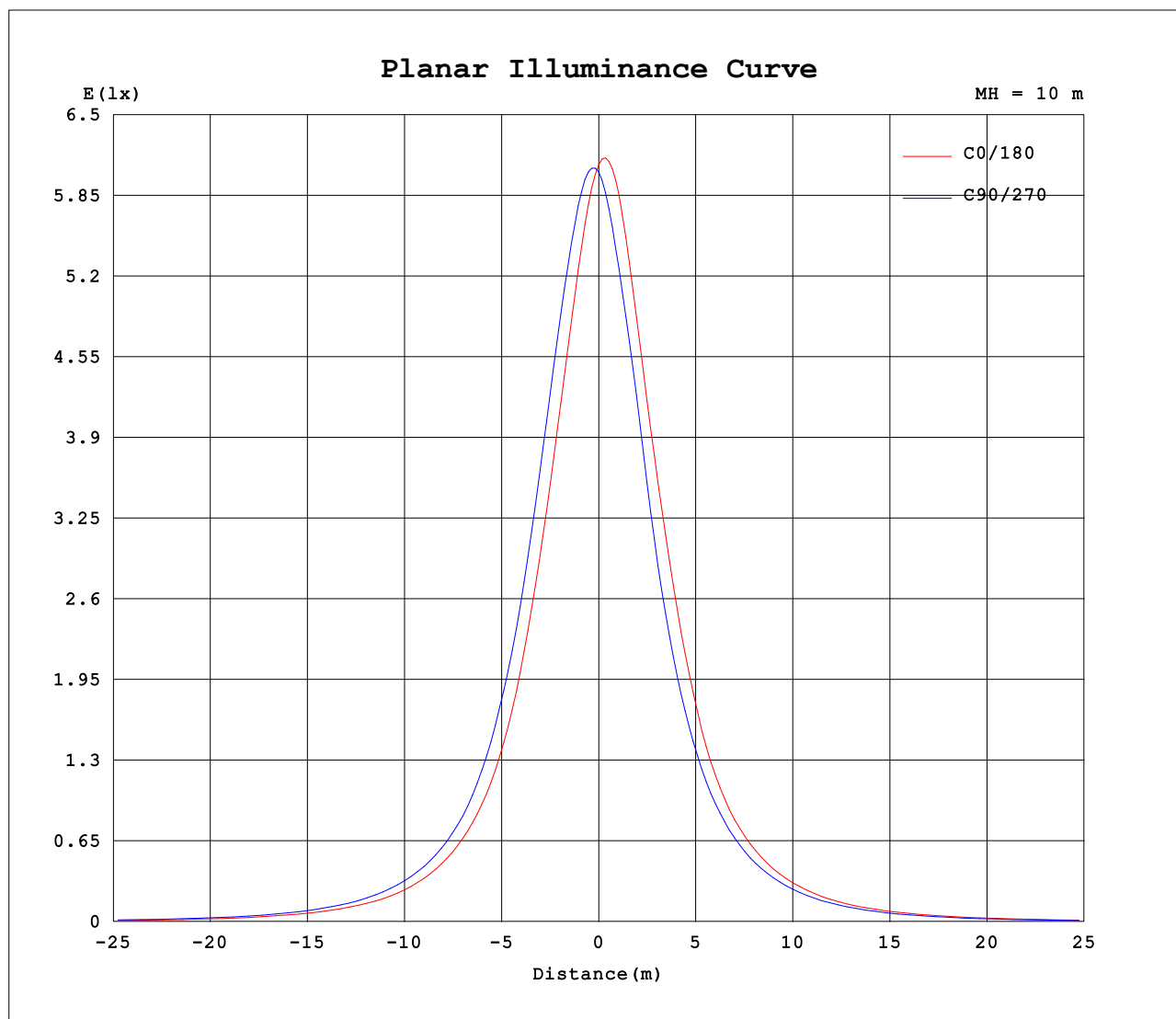
AvgL	cd/m2
L_0~180 (65) av	644
L_0~180 (75) av	454
L_0~180 (85) av	220
L_90~270 (65) av	677
L_90~270 (75) av	475
L_90~270 (85) av	221
L_45 (65) av	669
L_45 (75) av	475
L_45 (85) av	225

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
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: HIGH
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:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: AURORA	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C (DEG) □ (DEG)	0	90	180	270														
0	610	604	610	604														
5	551	595	604	549														
10	461	534	533	467														
15	368	448	441	367														
20	283	354	351	278														
25	211	272	269	211														
30	159	206	199	160														
35	122	155	150	123														
40	94.3	120	115	95.2														
45	72.9	93.5	88.9	74.0														
50	56.3	72.8	68.6	57.5														
55	43.4	56.6	52.9	44.1														
60	32.7	43.5	40.3	33.3														
65	24.3	32.7	30.1	24.5														
70	17.2	24.1	22.4	17.1														
75	8.39	16.0	15.1	8.59														
80	3.07	6.98	6.56	3.07														
85	1.33	2.61	2.50	1.25														
90	0.26	0.97	0.91	0.14														
95	0.29	0.28	0.14	0.16														
100	0.38	0.34	0.19	0.21														
105	0.51	0.44	0.26	0.31														
110	0.68	0.58	0.35	0.42														
115	0.88	0.74	0.46	0.56														
120	1.13	0.95	0.60	0.72														
125	1.43	1.20	0.76	0.94														
130	1.81	1.51	0.98	1.21														
135	2.22	1.87	1.25	1.52														
140	2.64	2.28	1.58	1.91														
145	3.05	2.69	1.96	2.32														
150	3.40	3.08	2.39	2.74														
155	3.68	3.43	2.83	3.13														
160	3.90	3.71	3.22	3.45														
165	4.02	3.92	3.55	3.70														
170	4.09	4.05	3.82	3.88														
175	4.12	4.11	4.00	4.03														
180	4.10	4.14	4.14	4.12														

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
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: