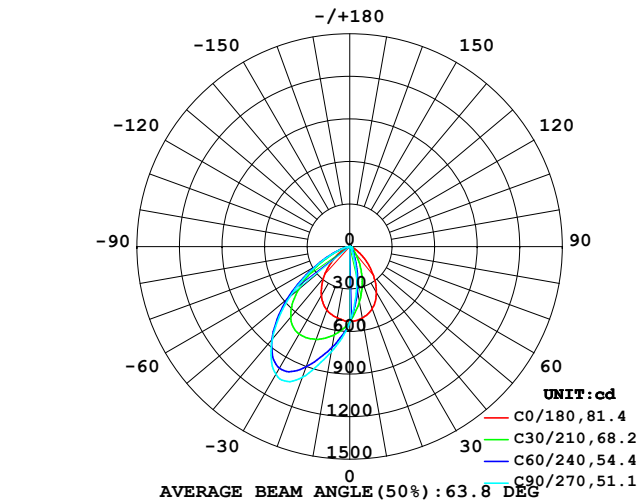


LUMINAIRE PHOTOMETRIC TEST REPORT

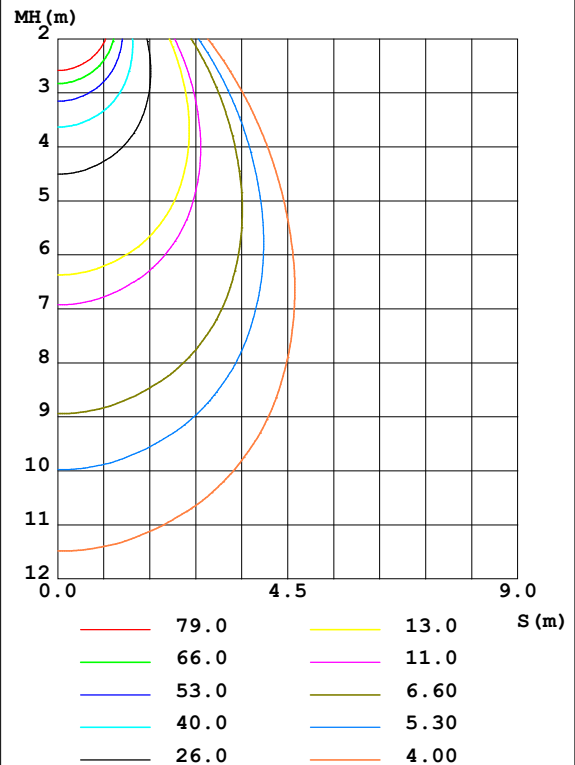
Test:U:36.23V I:0.691A P:25.03W PF:1.000 Freq:0Hz Lamp Flux:1202.55x1 lm		
NAME: AATL68	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2026101501
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 48.03 lm/W			
MODEL		I _{max} (cd)	1056	S/MH (C0/180)	1.15
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	1.73
RATED VOLTAGE (V)		TOTAL FLUX (lm)	1202.6	η UP, DN (C0-180)	0.2, 14.4
NOMINAL FLUX (lm)	1202.55	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 85.4
LAMPS INSIDE	1	η up (%)	0.2	CIBSE SHR NOM	1.00
TEST VOLTAGE (V)		η down (%)	99.8	CIBSE SHR MAX	1.05

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25DEG
Operators: SENPU
Test Date: 2026-10-15

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Humidity: 61%
Test Distance: 8.000m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

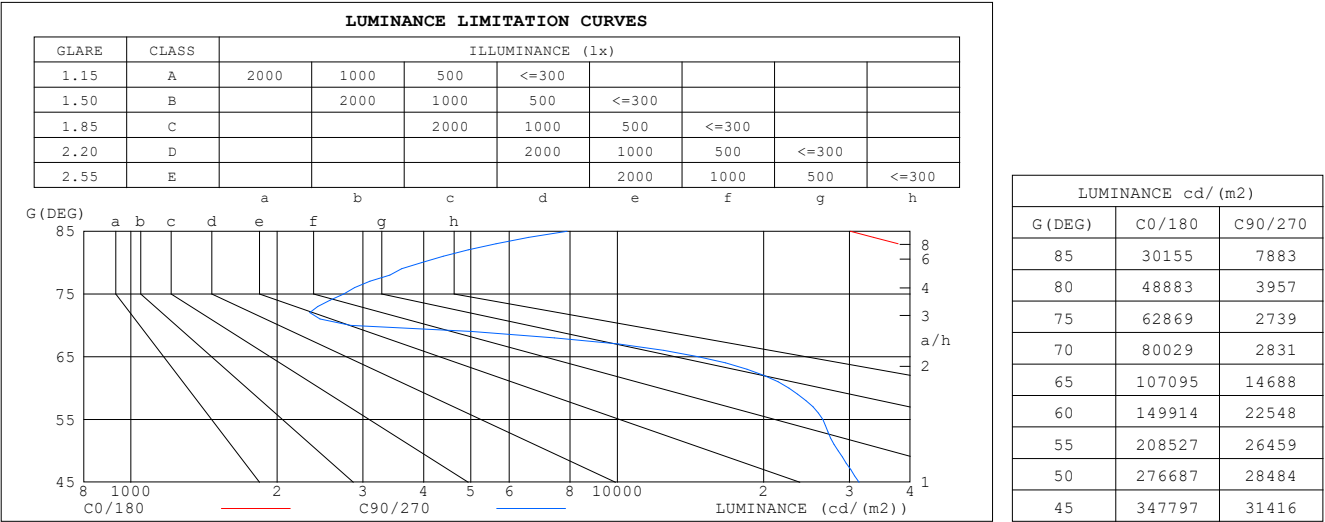
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	512.2	352.9	286.4	350.8	510.4	685.7	751.4	676.6	0- 10	49.95	49.95	4.15,4.15
20	466.0	190.8	98.54	196.1	475.9	807.0	981.4	791.5	10- 20	143.7	193.6	16.1,16.1
30	377.0	83.36	38.72	88.94	400.4	881.5	1041	862.2	20- 30	226.1	419.7	34.9,34.9
40	256.3	36.75	21.85	41.34	288.4	794.6	848.4	775.9	30- 40	268.7	688.4	57.2,57.2
50	142.3	18.43	14.65	20.08	167.5	564.5	552.5	555.2	40- 50	244.7	933.1	77.6,77.6
60	59.97	10.90	9.019	11.55	70.63	299.0	269.5	291.6	50- 60	166.1	1099	91.4,91.4
70	21.90	4.471	0.7746	5.168	24.70	100.8	90.02	94.59	60- 70	77.16	1176	97.8,97.8
80	6.791	0.7408	0.5497	0.6619	7.455	13.48	14.22	10.06	70- 80	21.65	1198	99.6,99.6
90	0.5423	0.6457	0.5497	0.4276	0.0954	0.1311	0.0174	0.0614	80- 90	2.098	1200	99.8,99.8
100	0.5323	0.6630	0.5497	0.4364	0.0698	0.0436	0.0087	0.0087	90-100	0.3037	1200	99.8,99.8
110	0.5409	0.6893	0.5497	0.4887	0.1310	0.0436	0.0262	0.0087	100-110	0.3055	1201	99.9,99.9
120	0.6631	0.7504	0.6632	0.5933	0.2183	0.0436	0.0263	0.0087	110-120	0.3209	1201	99.9,99.9
130	0.6717	0.8114	0.7328	0.7068	0.3316	0.0699	0.0436	0.0349	120-130	0.3393	1201	99.9,99.9
140	0.7240	0.8113	0.8462	0.7503	0.4625	0.1047	0.4354	0.1133	130-140	0.3468	1202	99.9,99.9
150	0.7329	0.7329	0.9423	0.7503	0.5584	0.2351	0.1659	0.1832	140-150	0.3149	1202	100,100
160	0.6806	0.6980	0.8899	0.7503	0.6197	0.3140	0.2795	0.3226	150-160	0.2517	1202	100,100
170	0.5324	0.5409	0.6373	0.6718	0.6805	0.4275	0.4365	0.4101	160-170	0.1626	1203	100,100
180	0.5409	0.5235	0.4886	0.5671	0.5846	0.5322	0.5060	0.6194	170-180	0.0517	1203	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:SENPU
 Test Date:2026-10-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
 Humidity:61%
 Test Distance:8.000m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:36.23V I:0.691A P:25.03W PF:1.000 Freq:0Hz Lamp Flux:1202.55x1 lm		
NAME: AATL68	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2026101501
MFR.:	SUR.:	Shielding Angle:



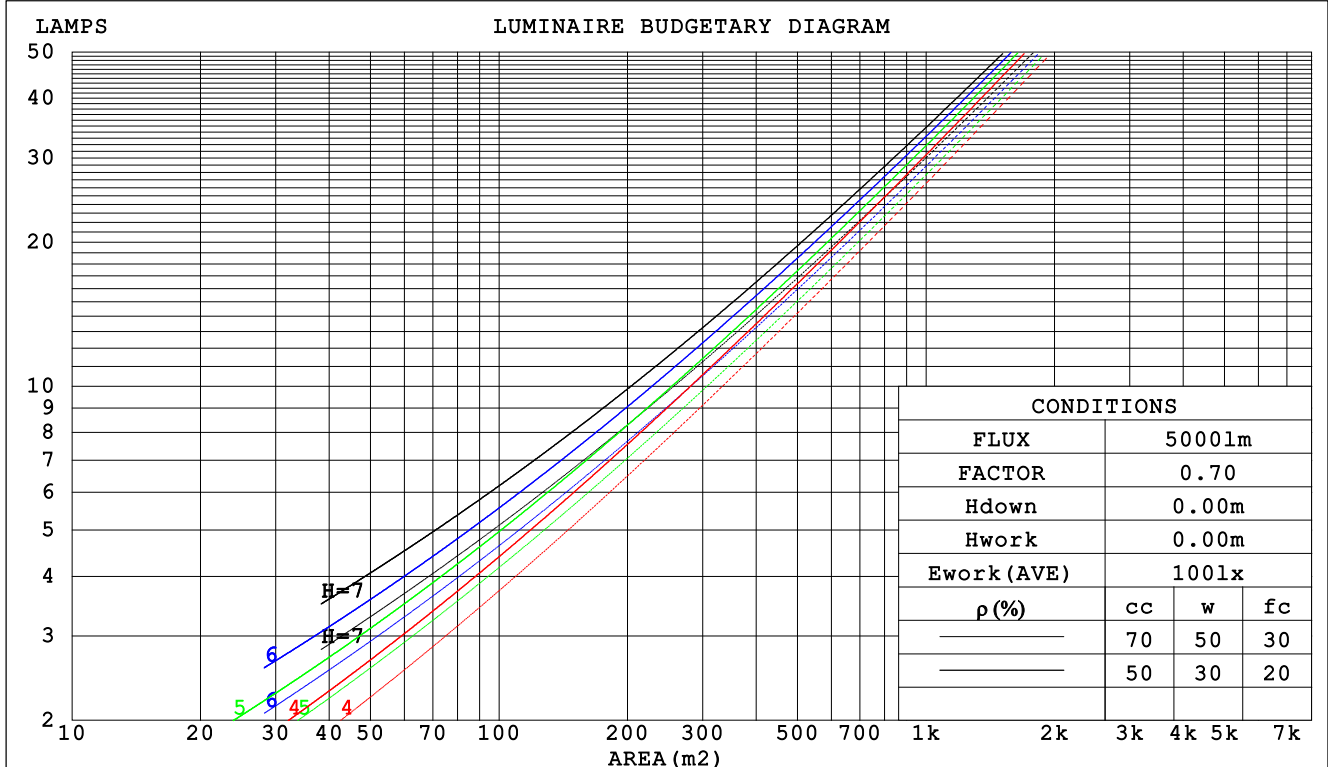
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:SENPU
Test Date:2026-10-15

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Humidity:61%
Test Distance:8.000m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:36.23V I:0.691A P:25.03W PF:1.000 Freq:0Hz Lamp Flux:1202.55x1 lm		
NAME: AATL68	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2026101501
MFR.:	SUR.:	Shielding Angle:

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{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	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	.00
1.0	1.07	1.04	1.01	1.05	1.02	.99	1.01	.98	.96	.97	.95	.93	.93	.92	.90	.88
2.0	.96	.90	.85	.94	.89	.84	.90	.86	.82	.87	.84	.80	.84	.81	.79	.77
3.0	.86	.79	.73	.84	.78	.72	.81	.76	.71	.78	.74	.70	.76	.72	.69	.67
4.0	.77	.69	.63	.76	.68	.63	.73	.67	.62	.71	.65	.61	.69	.64	.60	.58
5.0	.69	.61	.55	.68	.61	.55	.66	.60	.54	.64	.58	.54	.63	.57	.53	.51
6.0	.63	.55	.49	.62	.54	.49	.60	.53	.48	.59	.53	.48	.57	.52	.47	.46
7.0	.57	.49	.44	.57	.49	.43	.55	.48	.43	.54	.47	.43	.52	.47	.43	.41
8.0	.53	.45	.39	.52	.44	.39	.51	.44	.39	.49	.43	.39	.48	.43	.38	.37
9.0	.48	.41	.35	.48	.40	.35	.47	.40	.35	.46	.39	.35	.45	.39	.35	.33
10.0	.45	.37	.32	.44	.37	.32	.43	.37	.32	.42	.36	.32	.41	.36	.32	.30



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:SENPU
 Test Date:2026-10-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
 Humidity:61%
 Test Distance:8.000m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:36.23V I:0.691A P:25.03W PF:1.000 Freq:0Hz Lamp Flux:1202.55x1 lm		
NAME: AATL68	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2026101501
MFR.:	SUR.:	Shielding Angle:

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	.246	.140	.044	.239	.137	.043	.226	.130	.041	.214	.124	.040	.203	.118	.038		
2.0	.241	.132	.041	.235	.130	.040	.224	.124	.039	.213	.120	.037	.204	.115	.036		
3.0	.230	.122	.037	.225	.120	.036	.215	.116	.035	.206	.113	.035	.197	.109	.034		
4.0	.217	.113	.033	.213	.111	.033	.204	.108	.032	.196	.105	.032	.188	.102	.031		
5.0	.205	.104	.030	.201	.103	.030	.193	.100	.030	.186	.098	.029	.179	.095	.029		
6.0	.193	.097	.028	.189	.096	.027	.182	.093	.027	.176	.091	.027	.170	.089	.027		
7.0	.182	.090	.025	.178	.089	.025	.172	.087	.025	.166	.085	.025	.161	.084	.025		
8.0	.171	.084	.024	.169	.083	.023	.163	.081	.023	.158	.080	.023	.153	.078	.023		
9.0	.162	.078	.022	.159	.078	.022	.154	.076	.022	.150	.075	.021	.145	.074	.021		
10.0	.154	.074	.020	.151	.073	.020	.147	.072	.020	.142	.071	.020	.138	.070	.020		

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	.192	.192	.192	.164	.164	.164	.112	.112	.112	.064	.064	.064	.021	.021	.021	
1.0	.177	.158	.141	.152	.136	.121	.104	.093	.084	.060	.054	.049	.019	.017	.016	
2.0	.167	.134	.106	.143	.115	.091	.098	.080	.064	.057	.046	.037	.018	.015	.012	
3.0	.158	.116	.082	.136	.100	.071	.093	.069	.050	.054	.040	.029	.017	.013	.010	
4.0	.151	.102	.065	.129	.088	.056	.089	.061	.040	.051	.036	.023	.017	.012	.008	
5.0	.143	.091	.053	.123	.079	.046	.085	.055	.032	.049	.032	.019	.016	.011	.006	
6.0	.137	.083	.044	.118	.072	.038	.081	.050	.027	.047	.029	.016	.015	.010	.005	
7.0	.131	.076	.037	.112	.066	.032	.078	.046	.023	.045	.027	.014	.015	.009	.005	
8.0	.125	.070	.032	.107	.061	.028	.074	.042	.020	.043	.025	.012	.014	.008	.004	
9.0	.119	.065	.028	.103	.056	.025	.071	.040	.017	.041	.023	.010	.013	.008	.003	
10.0	.114	.061	.025	.098	.053	.022	.068	.037	.016	.040	.022	.009	.013	.007	.003	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:SENPU
Test Date:2026-10-15

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Humidity:61%
Test Distance:8.000m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:36.23V I:0.691A P:25.03W PF:1.000 Freq:0Hz Lamp Flux:1202.55x1 lm										
NAME: AATL68					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.: 2026101501		
MFR.:					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	24.8	26.2	25.1	26.4	26.6	14.6	16.0	14.9	16.2	16.4
3H	25.3	26.6	25.6	26.8	27.0	14.7	15.9	15.0	16.2	16.4
4H	25.5	26.7	25.8	26.9	27.2	14.6	15.8	14.9	16.0	16.3
6H	25.6	26.7	26.0	27.0	27.3	14.5	15.6	14.9	15.9	16.2
8H	25.6	26.7	26.0	27.0	27.3	14.5	15.6	14.9	15.9	16.1
12H	25.6	26.6	26.0	26.9	27.2	14.5	15.5	14.9	15.8	16.1
4H 2H	24.6	25.7	24.9	26.0	26.2	15.4	16.5	15.7	16.8	17.0
3H	25.1	26.2	25.5	26.4	26.7	15.4	16.4	15.8	16.7	17.0
4H	25.4	26.3	25.8	26.6	26.9	15.4	16.3	15.7	16.6	16.9
6H	25.6	26.4	26.0	26.7	27.1	15.3	16.1	15.7	16.5	16.8
8H	25.6	26.4	26.0	26.7	27.1	15.3	16.0	15.7	16.4	16.8
12H	25.7	26.3	26.1	26.7	27.1	15.3	16.0	15.7	16.4	16.8
8H 4H	25.3	26.0	25.7	26.4	26.8	15.6	16.3	16.0	16.7	17.1
6H	25.5	26.1	25.9	26.5	26.9	15.6	16.2	16.0	16.6	17.0
8H	25.6	26.1	26.0	26.5	27.0	15.6	16.1	16.0	16.5	17.0
12H	25.6	26.1	26.1	26.5	27.0	15.7	16.1	16.1	16.6	17.0
12H 4H	25.2	25.9	25.6	26.3	26.7	15.6	16.3	16.1	16.7	17.1
6H	25.4	26.0	25.9	26.4	26.9	15.6	16.2	16.1	16.6	17.0
8H	25.5	26.0	26.0	26.4	26.9	15.7	16.1	16.1	16.6	17.0
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 3.1 / - 2.2					+ 0.9 / - 1.1				
1.5H	+ 4.2 / - 4.1					+ 0.4 / - 0.3				
2.0H	+ 5.9 / - 4.6					+ 0.6 / - 1.0				

CIE Pub.117, 1203 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 0.6$)
Area: 0.0008 m²

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:SENPU
Test Date:2026-10-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Humidity:61%
Test Distance:8.000m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:36.23V I:0.691A P:25.03W PF:1.000 Freq:0Hz Lamp Flux:1202.55x1 lm		
NAME: AATL68	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2026101501
MFR.:	SUR.:	Shielding Angle:

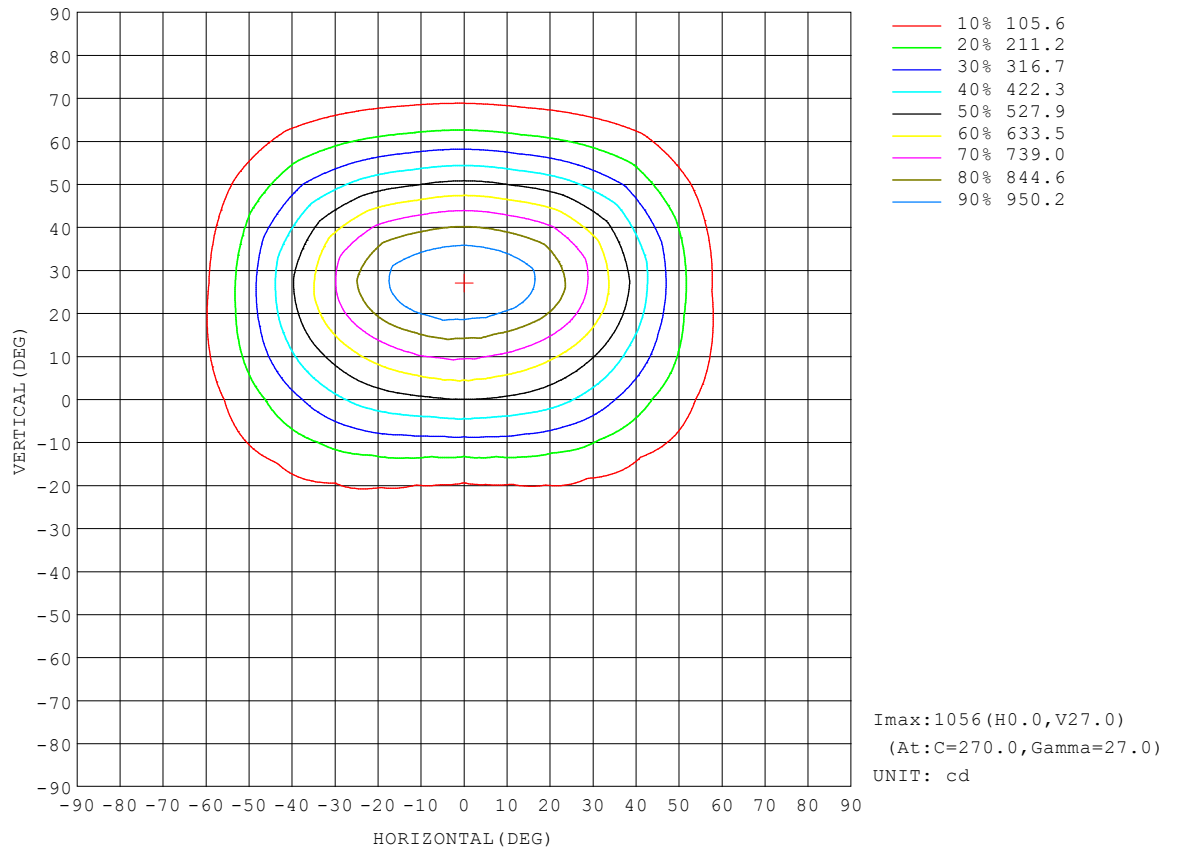
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	64	54	48	64	54	48	63	53	47	42
0.80	75	65	58	74	64	58	72	63	58	52
1.00	83	74	68	82	73	67	80	74	67	61
1.25	90	81	75	89	81	75	86	79	74	68
1.50	94	86	81	93	86	80	90	84	79	73
2.00	100	94	88	99	92	88	95	90	86	79
2.50	103	97	92	102	96	91	98	93	90	82
3.00	106	101	96	104	99	95	100	96	93	85
4.00	109	105	101	107	103	100	103	100	97	89
5.00	111	107	104	109	105	102	104	102	99	91
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: HIGH
 Temperature: 25DEG
 Operators: SENPU
 Test Date: 2026-10-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.444
 Humidity: 61%
 Test Distance: 8.000m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:36.23V I:0.691A P:25.03W PF:1.000 Freq:0Hz Lamp Flux:1202.55x1 lm		
NAME: AATL68	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2026101501
MFR.:	SUR.:	Shielding Angle:

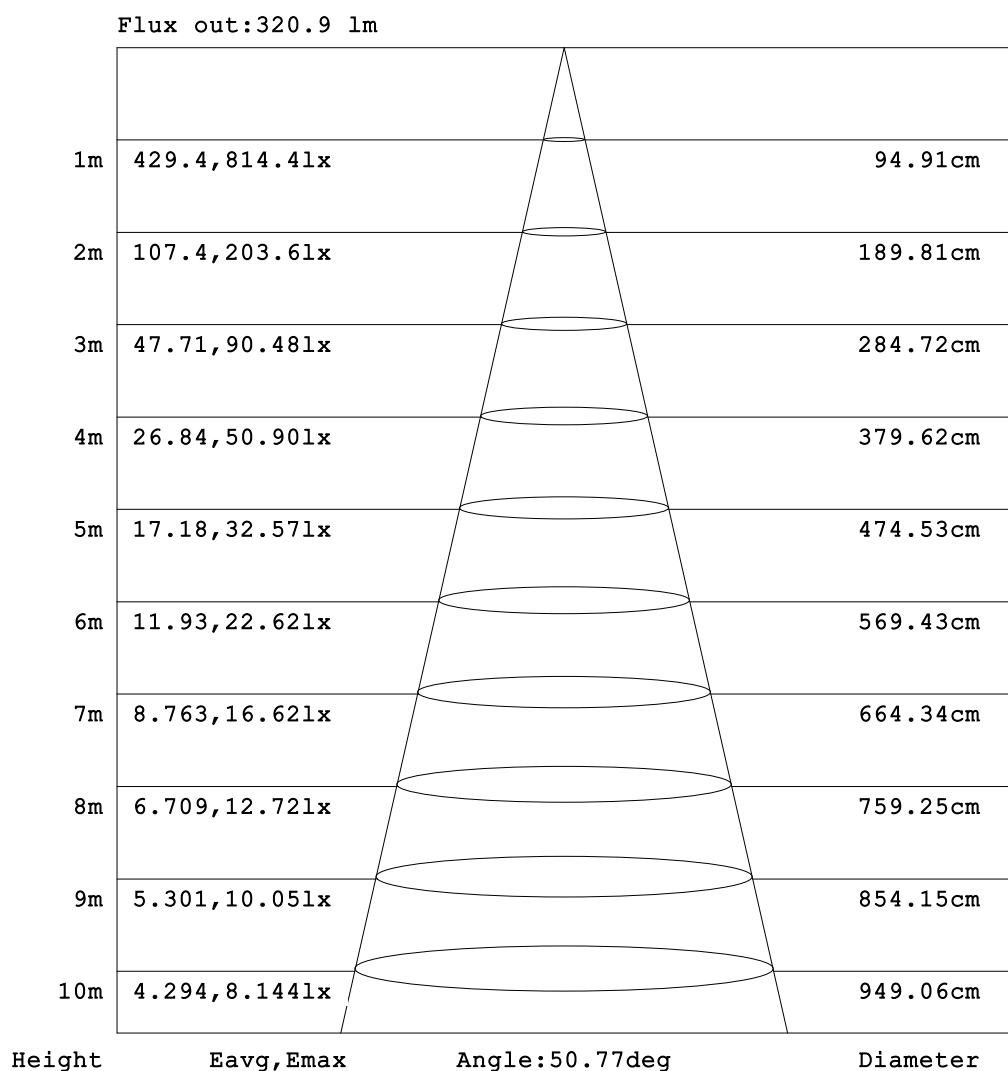


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:SENPU
Test Date:2026-10-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 γ Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Humidity:61%
Test Distance:8.000m [K=1.0000]
Remarks:

AAI Figure

Test:U:36.23V I:0.691A P:25.03W PF:1.000 Freq:0Hz Lamp Flux:1202.55x1 lm		
NAME: AATL68	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2026101501
MFR.:	SUR.:	Shielding Angle:



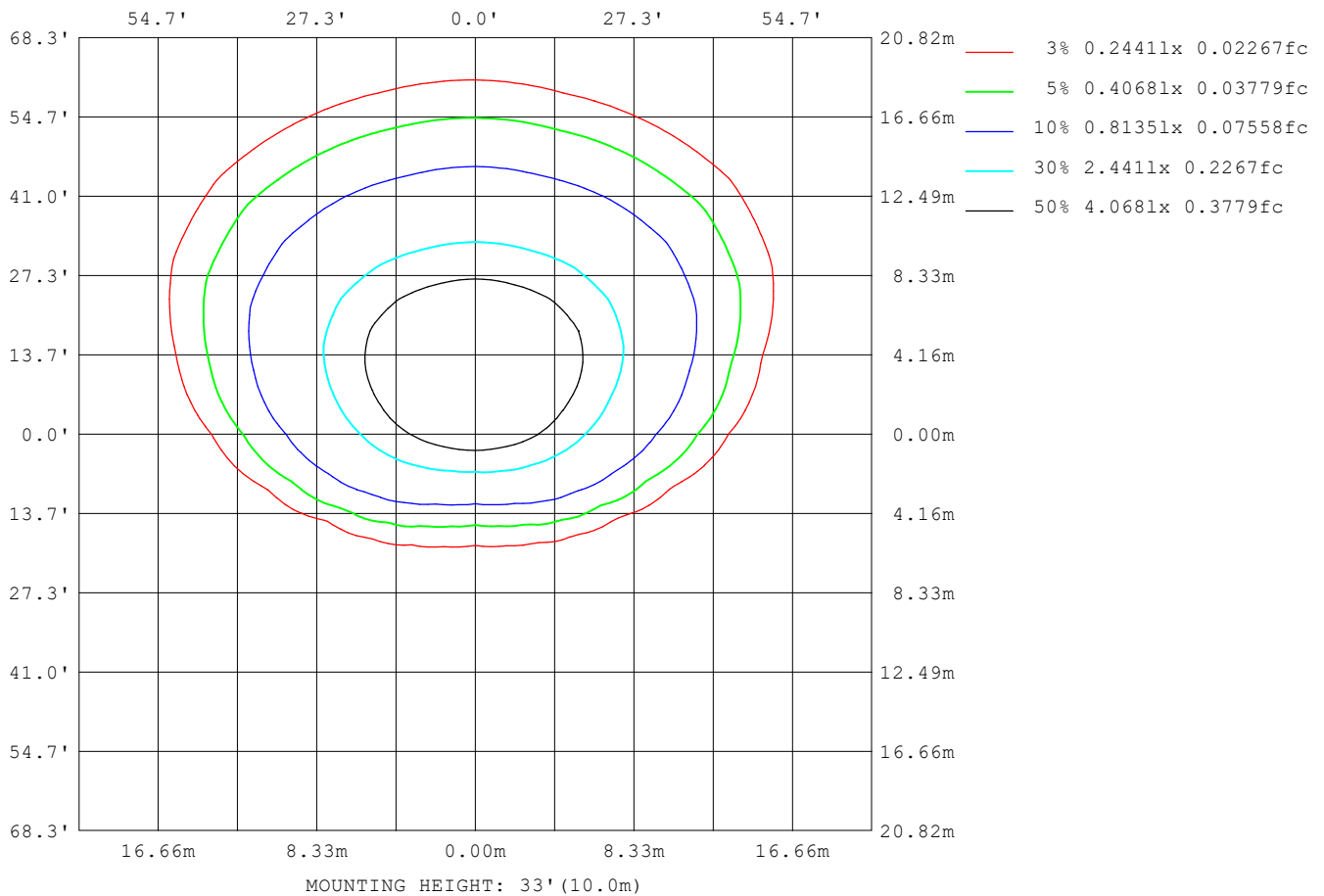
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25DEG
Operators: SENPU
Test Date: 2026-10-15

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Humidity: 61%
Test Distance: 8.000m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:36.23V I:0.691A P:25.03W PF:1.000 Freq:0Hz Lamp Flux:1202.55x1 lm		
NAME: AATL68	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2026101501
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:SENPU
Test Date:2026-10-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Humidity:61%
Test Distance:8.000m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:36.23V I:0.691A P:25.03W PF:1.000 Freq:0Hz Lamp Flux:1202.55x1 lm		
NAME: AATL68	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2026101501
MFR.:	SUR.:	Shielding Angle:

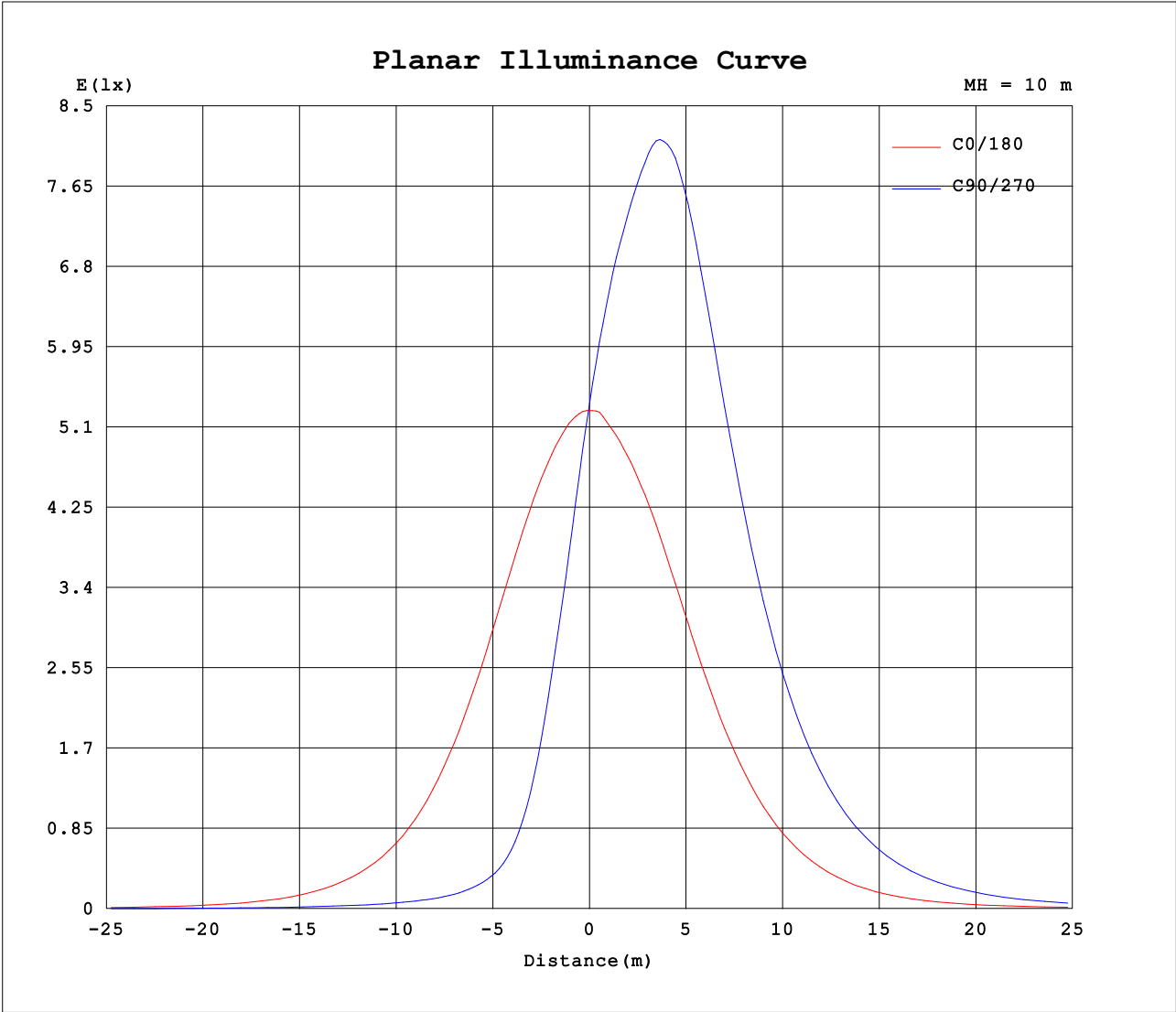
AvgL	cd/m2
L_0~180 (65) av	115610
L_0~180 (75) av	66221
L_0~180 (85) av	31344
L_90~270 (65) av	250055
L_90~270 (75) av	102221
L_90~270 (85) av	6176
L_45 (65) av	280669
L_45 (75) av	107418
L_45 (85) av	9858

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:SENPU
Test Date:2026-10-15

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Humidity:61%
Test Distance:8.000m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:SENPU
Test Date:2026-10-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Humidity:61%
Test Distance:8.000m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:36.23V I:0.691A P:25.03W PF:1.000 Freq:0Hz Lamp Flux:1202.55x1 lm		
NAME: AATL68	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2026101501
MFR.:	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	528	530	530	536	533	540	535	540	535	537	532	533	528	530	530	536	533	540	535
5	524	493	465	443	423	415	409	417	425	446	468	497	522	557	586	614	630	647	646
10	512	452	397	353	317	298	286	297	314	351	397	455	510	575	632	686	721	751	751
15	494	406	329	271	217	192	176	192	216	270	332	413	497	586	670	750	810	860	865
20	466	357	262	191	136	111	98.5	111	137	196	270	369	476	588	697	807	901	972	981
25	427	302	197	127	82.2	65.0	57.4	65.4	84.9	133	209	320	445	576	711	858	973	1038	1049
30	377	244	140	83.4	53.1	42.8	38.7	43.4	55.7	88.9	154	265	400	550	713	881	991	1032	1041
35	319	184	93.8	54.7	36.7	30.1	28.0	30.6	39.3	60.6	108	209	347	512	695	861	948	960	967
40	256	131	61.2	36.7	25.9	22.8	21.9	23.3	27.7	41.3	71.6	157	288	461	648	795	853	845	848
45	197	88.9	40.9	25.1	19.3	18.2	17.8	18.6	20.6	28.3	47.5	110	227	393	574	693	725	702	705
50	142	59.2	28.5	18.4	15.0	14.6	14.6	14.9	15.8	20.1	32.4	73.0	167	313	474	565	579	548	552
55	95.7	39.9	20.9	14.1	11.9	11.9	12.1	12.2	12.3	15.3	23.0	47.6	113	226	363	428	425	402	404
60	60.0	27.4	15.7	10.9	9.05	9.04	9.02	9.31	9.49	11.6	17.1	31.7	70.6	146	251	299	286	271	270
65	36.2	19.1	11.8	7.86	6.03	5.08	4.97	5.52	6.59	8.43	12.9	21.5	42.0	82.2	152	184	175	165	164
70	21.9	13.2	8.57	4.47	1.59	0.74	0.77	1.05	2.15	5.17	9.50	14.7	24.7	42.2	79.0	101	95.8	90.6	90.0
75	13.0	8.55	4.82	2.02	0.62	0.58	0.57	0.51	0.48	2.20	5.47	9.72	14.4	20.2	33.8	45.0	45.1	42.0	41.8
80	6.79	4.64	2.26	0.74	0.61	0.58	0.55	0.51	0.46	0.66	2.61	5.61	7.45	8.51	11.0	13.5	15.7	14.5	14.2
85	2.10	1.62	0.89	0.62	0.60	0.58	0.55	0.51	0.46	0.42	0.86	2.00	2.27	2.09	1.94	1.32	1.09	0.42	0.31
90	0.54	0.59	0.64	0.65	0.60	0.60	0.55	0.53	0.46	0.43	0.39	0.31	0.10	0.13	0.03	0.13	0.03	0.10	0.02
95	0.52	0.60	0.63	0.64	0.60	0.61	0.55	0.52	0.46	0.43	0.37	0.32	0.05	0.05	0.03	0.04	0.03	0.03	0.01
100	0.53	0.60	0.63	0.66	0.60	0.62	0.55	0.53	0.46	0.44	0.36	0.33	0.07	0.05	0.03	0.04	0.03	0.03	0.01
105	0.54	0.63	0.64	0.68	0.66	0.64	0.55	0.55	0.46	0.47	0.36	0.38	0.09	0.05	0.05	0.04	0.03	0.02	0.02
110	0.54	0.65	0.69	0.69	0.66	0.65	0.55	0.58	0.47	0.49	0.39	0.40	0.13	0.05	0.07	0.04	0.04	0.02	0.03
115	0.59	0.70	0.68	0.72	0.67	0.69	0.57	0.62	0.52	0.53	0.39	0.44	0.18	0.07	0.07	0.04	0.04	0.02	0.03
120	0.66	0.72	0.68	0.75	0.67	0.72	0.66	0.65	0.56	0.59	0.45	0.49	0.22	0.09	0.10	0.04	0.04	0.02	0.03
125	0.66	0.72	0.69	0.79	0.71	0.76	0.67	0.72	0.66	0.66	0.52	0.55	0.28	0.11	0.12	0.05	0.06	0.02	0.03
130	0.67	0.72	0.70	0.81	0.77	0.82	0.73	0.79	0.68	0.71	0.57	0.60	0.33	0.16	0.16	0.07	0.08	0.02	0.04
135	0.69	0.72	0.74	0.81	0.80	0.88	0.80	0.86	0.73	0.73	0.65	0.64	0.39	0.23	0.19	0.10	0.11	0.02	0.07
140	0.72	0.72	0.74	0.81	0.80	0.91	0.85	0.86	0.78	0.75	0.65	0.69	0.46	0.24	0.24	0.10	0.13	0.04	0.44
145	0.73	0.72	0.74	0.79	0.80	0.90	0.93	0.86	0.80	0.75	0.66	0.68	0.51	0.31	0.30	0.14	0.17	0.09	0.13
150	0.73	0.68	0.74	0.73	0.82	0.87	0.94	0.86	0.82	0.75	0.70	0.68	0.56	0.39	0.35	0.24	0.22	0.10	0.17
155	0.72	0.68	0.74	0.72	0.81	0.85	0.94	0.84	0.82	0.75	0.70	0.67	0.58	0.40	0.39	0.25	0.27	0.14	0.22
160	0.68	0.67	0.73	0.70	0.81	0.80	0.89	0.82	0.82	0.75	0.70	0.67	0.62	0.44	0.44	0.31	0.33	0.25	0.28
165	0.62	0.56	0.71	0.67	0.79	0.74	0.82	0.80	0.81	0.72	0.70	0.67	0.65	0.51	0.49	0.39	0.40	0.29	0.37
170	0.53	0.51	0.57	0.54	0.63	0.54	0.64	0.61	0.69	0.67	0.70	0.67	0.68	0.56	0.53	0.43	0.48	0.39	0.44
175	0.51	0.49	0.51	0.49	0.54	0.53	0.58	0.55	0.64	0.66	0.66	0.58	0.67	0.53	0.54	0.54	0.49	0.40	0.46
180	0.54	0.52	0.49	0.52	0.51	0.51	0.49	0.55	0.53	0.57	0.60	0.58	0.58	0.52	0.51	0.53	0.51	0.53	0.51

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:SENPU
Test Date:2026-10-15

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Humidity:61%
Test Distance:8.000m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:36.23V I:0.691A P:25.03W PF:1.000 Freq:0Hz Lamp Flux:1202.55x1 lm		
NAME: AATL68	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2026101501
MFR.:	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	540	535	537	532	533														
5	644	628	611	582	554														
10	746	713	677	625	570														
15	852	798	735	658	577														
20	958	890	792	681	571														
25	1027	958	841	693	554														
30	1025	978	862	692	524														
35	957	936	840	669	479														
40	843	845	776	621	422														
45	702	721	678	547	353														
50	548	577	555	449	273														
55	398	421	424	340	191														
60	265	280	292	231	118														
65	159	168	179	136	65.9														
70	86.3	90.1	94.6	68.9	33.6														
75	39.2	40.8	39.8	28.4	15.9														
80	12.9	12.6	10.1	8.13	6.24														
85	0.23	0.27	0.39	0.80	1.02														
90	0.07	0.01	0.06	0.02	0.05														
95	0.03	0.01	0.03	0.02	0.03														
100	0.02	0.01	0.01	0.02	0.03														
105	0.01	0.02	0.01	0.03	0.03														
110	0.01	0.02	0.01	0.04	0.03														
115	0.01	0.03	0.01	0.06	0.03														
120	0.01	0.03	0.01	0.09	0.10														
125	0.01	0.04	0.01	0.11	0.12														
130	0.01	0.05	0.03	0.16	0.17														
135	0.01	0.08	0.08	0.21	0.25														
140	0.02	0.11	0.11	0.26	0.29														
145	0.05	0.15	0.13	0.31	0.37														
150	0.11	0.20	0.18	0.37	0.39														
155	0.14	0.26	0.25	0.43	0.46														
160	0.24	0.32	0.32	0.46	0.52														
165	0.30	0.40	0.38	0.53	0.53														
170	0.38	0.47	0.41	0.51	0.54														
175	0.43	0.55	0.51	0.58	0.54														
180	0.54	0.55	0.62	0.60	0.54														

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:SENPU
Test Date:2026-10-15

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Humidity:61%
Test Distance:8.000m [K=1.0000]
Remarks: