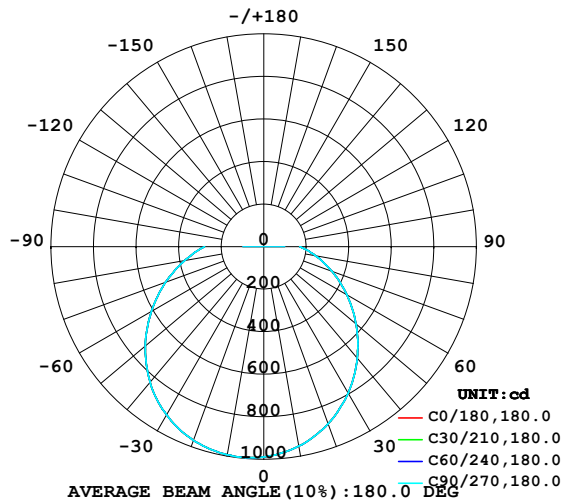


LUMINAIRE PHOTOMETRIC TEST REPORT

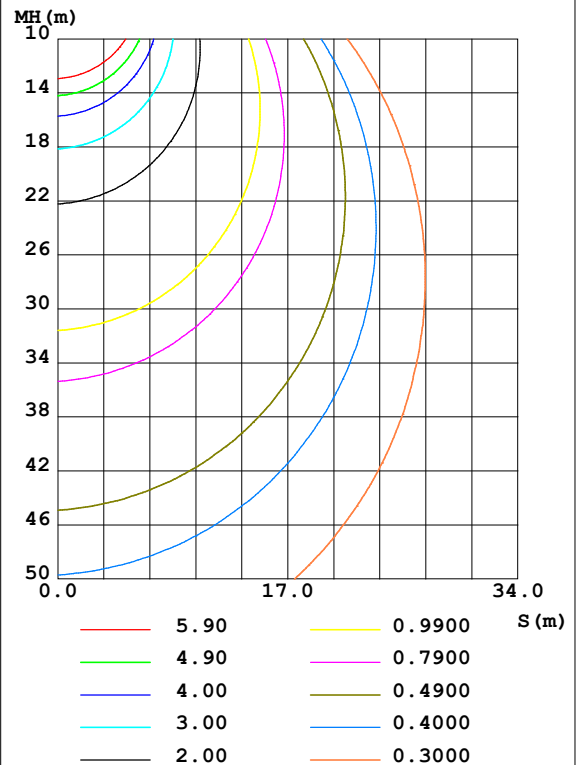
NAME: LT10S-25W	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 1.212x0.1	SERIAL No.:2026052004
MFR.: Linmore LED Labs,Inc.	SUR.:1.212x0.1	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 148.09 lm/W			
MODEL		I <sub>max</sub> (cd)	995.6	S/MH (C0/180)	1.37
NOMINAL POWER(W)	25	LOR(%)	90.5	S/MH (C90/270)	1.37
RATED VOLTAGE(V)	120-277	TOTAL FLUX(lm)	3495.0	□ UP,DN (C0-180)	0.0,39.7
NOMINAL FLUX(lm)	3859.83	CIE CLASS	DIRECT	□ UP,DN (C180-360)	0.0,50.8
LAMPS INSIDE	1	□ up (%)	0.0	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)	220	□ down (%)	90.5	CIBSE SHR MAX	1.50

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Z  
Test Date:2026-5-20

□ Range: 0 - 90DEG  
□ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.353  
Humidity:65.0%  
Test Distance:5.800m [K=1.0000]  
Remarks:

## ZONAL FLUX DIAGRAM

### ZONAL FLUX DIAGRAM:

°	C0	C45	C90	C135	C180	C225	C270	C315	°	□ zone	□ total	%lum, lamp
10	951.7	951.7	951.7	951.7	993.5	993.5	993.5	993.5	0- 10	93.58	93.58	2.68, 2.42
20	886.4	886.4	886.4	886.4	968.7	968.7	968.7	968.7	10- 20	269.2	362.8	10.4, 9.4
30	794.2	794.2	794.2	794.2	914.2	914.2	914.2	914.2	20- 30	412.2	775.0	22.2, 20.1
40	683.5	683.5	683.5	683.5	832.1	832.1	832.1	832.1	30- 40	506.2	1281	36.7, 33.2
50	566.4	566.4	566.4	566.4	727.1	727.1	727.1	727.1	40- 50	543.4	1825	52.2, 47.3
60	450.1	450.1	450.1	450.1	610.5	610.5	610.5	610.5	50- 60	527.0	2352	67.3, 60.9
70	340.9	340.9	340.9	340.9	491.7	491.7	491.7	491.7	60- 70	468.6	2820	80.7, 73.1
80	247.0	247.0	247.0	247.0	377.6	377.6	377.6	377.6	70- 80	383.8	3204	91.7, 83
90	169.5	169.5	169.5	169.5	278.7	278.7	278.7	278.7	80- 90	291.0	3495	100, 90.5
100									90-100			
110									100-110			
120									110-120			
130									120-130			
140									130-140			
150									140-150			
160									150-160			
170									160-170			
180									170-180			
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 1551.8 lm

%lum = 44.4%

%lamp = 40.2%

Conical surface Flux(120deg): 2351.7 lm

%lum = 67.3%

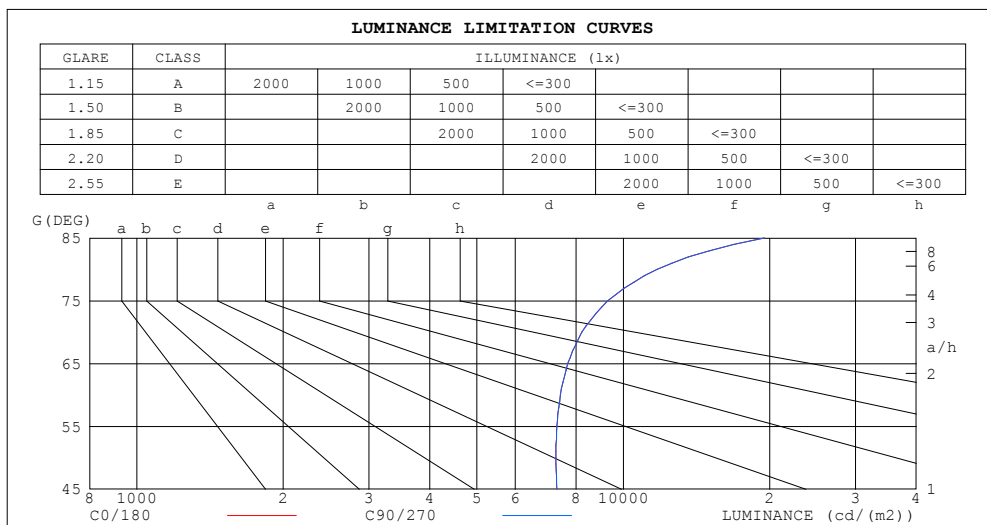
%lamp = 60.9%

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Z  
 Test Date:2026-5-20

□ Range: 0 - 90DEG  
 □ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.353  
 Humidity:65.0%  
 Test Distance:5.800m [K=1.0000]  
 Remarks:

## LUMINANCE LIMITATION CURVES

NAME: LT10S-25W	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 1.212x0.1	SERIAL No.:2026052004
MFR.: Linmore LED Labs, Inc.	SUR.:1.212x0.1	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	19498	19498
80	11735	11735
75	9297	9297
70	8224	8224
65	7692	7692
60	7427	7427
55	7301	7301
50	7270	7270
45	7300	7300

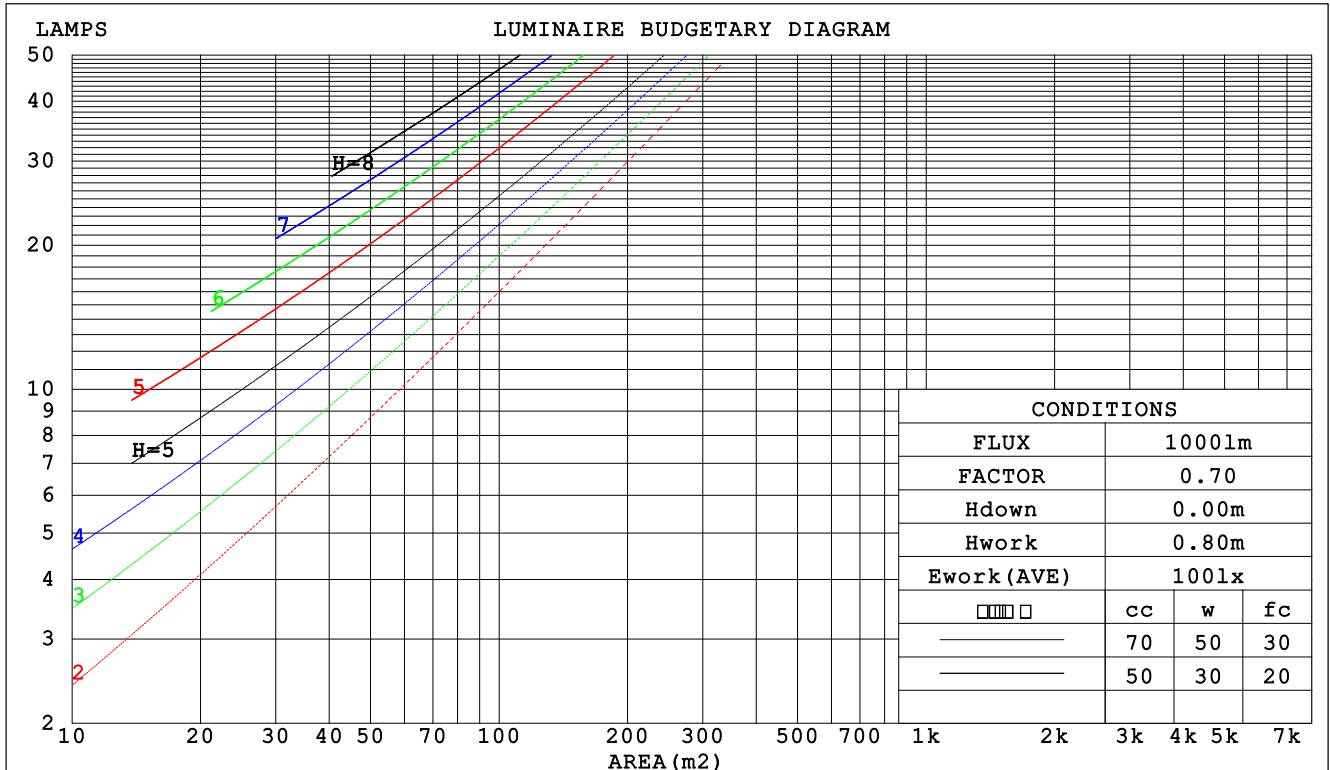
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Z  
Test Date:2026-5-20

☐ Range: 0 - 90DEG  
☐ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.353  
Humidity:65.0%  
Test Distance:5.800m [K=1.0000]  
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: LT10S-25W	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 1.212x0.1	SERIAL No.:2026052004
MFR.: Linmore LED Labs,Inc.	SUR.:1.212x0.1	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: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Z  
 Test Date:2026-5-20

□ Range: 0 - 90DEG  
 □ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.353  
 Humidity:65.0%  
 Test Distance:5.800m [K=1.0000]  
 Remarks:

### WEC AND CCEC

NAME: LT10S-25W	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 1.212x0.1	SERIAL No.:2026052004
MFR.: Linmore LED Labs,Inc.	SUR.:1.212x0.1	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	.362	.206	.065	.356	.203	.064	.343	.197	.063	.332	.191	.061	.321	.186	.060		
2.0	.313	.172	.053	.308	.169	.052	.296	.165	.051	.286	.161	.050	.277	.157	.049		
3.0	.278	.148	.044	.273	.146	.044	.263	.143	.043	.254	.139	.043	.246	.136	.042		
4.0	.250	.130	.038	.245	.128	.038	.237	.125	.037	.229	.123	.037	.221	.120	.037		
5.0	.227	.116	.033	.223	.114	.033	.215	.112	.033	.208	.110	.033	.201	.108	.032		
6.0	.208	.104	.030	.204	.103	.030	.197	.101	.029	.191	.099	.029	.185	.097	.029		
7.0	.191	.095	.027	.188	.094	.027	.182	.092	.027	.176	.090	.026	.171	.089	.026		
8.0	.177	.087	.024	.174	.086	.024	.169	.084	.024	.164	.083	.024	.159	.082	.024		
9.0	.165	.080	.022	.163	.079	.022	.158	.078	.022	.153	.077	.022	.149	.076	.022		
10.0	.154	.074	.021	.152	.074	.021	.148	.072	.020	.144	.071	.020	.140	.070	.020		

□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						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.172	.172	.172	.147	.147	.147	.101	.101	.101	.058	.058	.058	.018	.018	.018	
1.0	.169	.141	.115	.145	.121	.099	.099	.083	.069	.057	.048	.040	.018	.015	.013	
2.0	.163	.119	.083	.139	.103	.072	.095	.071	.050	.055	.041	.029	.018	.013	.010	
3.0	.155	.104	.063	.133	.089	.054	.091	.062	.038	.053	.036	.022	.017	.012	.007	
4.0	.148	.092	.049	.127	.079	.043	.087	.055	.030	.051	.032	.018	.016	.011	.006	
5.0	.141	.083	.040	.121	.072	.035	.083	.050	.025	.048	.029	.015	.016	.010	.005	
6.0	.134	.075	.033	.115	.065	.029	.079	.046	.021	.046	.027	.012	.015	.009	.004	
7.0	.127	.069	.029	.109	.060	.025	.075	.042	.018	.044	.025	.010	.014	.008	.003	
8.0	.121	.064	.025	.104	.055	.022	.072	.039	.015	.042	.023	.009	.014	.008	.003	
9.0	.115	.059	.022	.099	.051	.019	.068	.036	.014	.040	.021	.008	.013	.007	.003	
10.0	.109	.055	.020	.094	.048	.017	.065	.034	.012	.038	.020	.007	.012	.007	.002	

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Z  
Test Date:2026-5-20

☐ Range: 0 - 90DEG  
☐ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.353  
Humidity:65.0%  
Test Distance:5.800m [K=1.0000]  
Remarks:

### UGR(Unified Glare Rating) Table

NAME: LT10S-25W					TYPE:LED					WEIGHT:				
SPEC.:					DIM.: 1.212x0.1					SERIAL No.:2026052004				
MFR.: Linmore LED Labs,Inc.					SUR.:1.212x0.1					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					19.1	20.8	19.4	21.0	21.2	19.1	20.8	19.4	21.0	21.2
3H					21.2	22.7	21.5	23.0	23.2	21.2	22.7	21.5	23.0	23.2
4H					22.3	23.7	22.6	24.0	24.3	22.3	23.7	22.6	24.0	24.3
6H					23.4	24.8	23.8	25.1	25.4	23.4	24.8	23.8	25.1	25.4
8H					24.1	25.4	24.4	25.7	26.0	24.1	25.4	24.4	25.7	26.0
12H					24.8	26.1	25.2	26.4	26.7	24.8	26.1	25.2	26.4	26.7
4H 2H					19.9	21.3	20.2	21.6	21.9	19.9	21.3	20.2	21.6	21.9
3H					22.1	23.5	22.5	23.8	24.1	22.1	23.5	22.5	23.8	24.1
4H					23.4	24.6	23.8	25.0	25.3	23.4	24.6	23.8	25.0	25.3
6H					24.8	25.9	25.2	26.2	26.6	24.8	25.9	25.2	26.2	26.6
8H					25.5	26.6	25.9	26.9	27.3	25.5	26.6	25.9	26.9	27.3
12H					26.4	27.3	26.8	27.7	28.1	26.4	27.3	26.8	27.7	28.1
8H 4H					23.9	25.0	24.3	25.3	25.7	23.9	25.0	24.3	25.3	25.7
6H					25.6	26.5	26.0	26.9	27.3	25.6	26.5	26.0	26.9	27.3
8H					26.5	27.3	27.0	27.7	28.2	26.5	27.3	27.0	27.7	28.2
12H					27.6	28.3	28.1	28.7	29.2	27.6	28.3	28.1	28.7	29.2
12H 4H					24.0	25.0	24.5	25.4	25.8	24.0	25.0	24.5	25.4	25.8
6H					25.8	26.6	26.3	27.0	27.5	25.8	26.6	26.3	27.0	27.5
8H					26.8	27.5	27.3	28.0	28.5	26.8	27.5	27.3	28.0	28.5
Variations with the observer position at spacings:														
S = 1.0H					+ 0.1 / - 0.1					+ 0.1 / - 0.1				
1.5H					+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H					+ 0.2 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117 Corrected 3860 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.7)

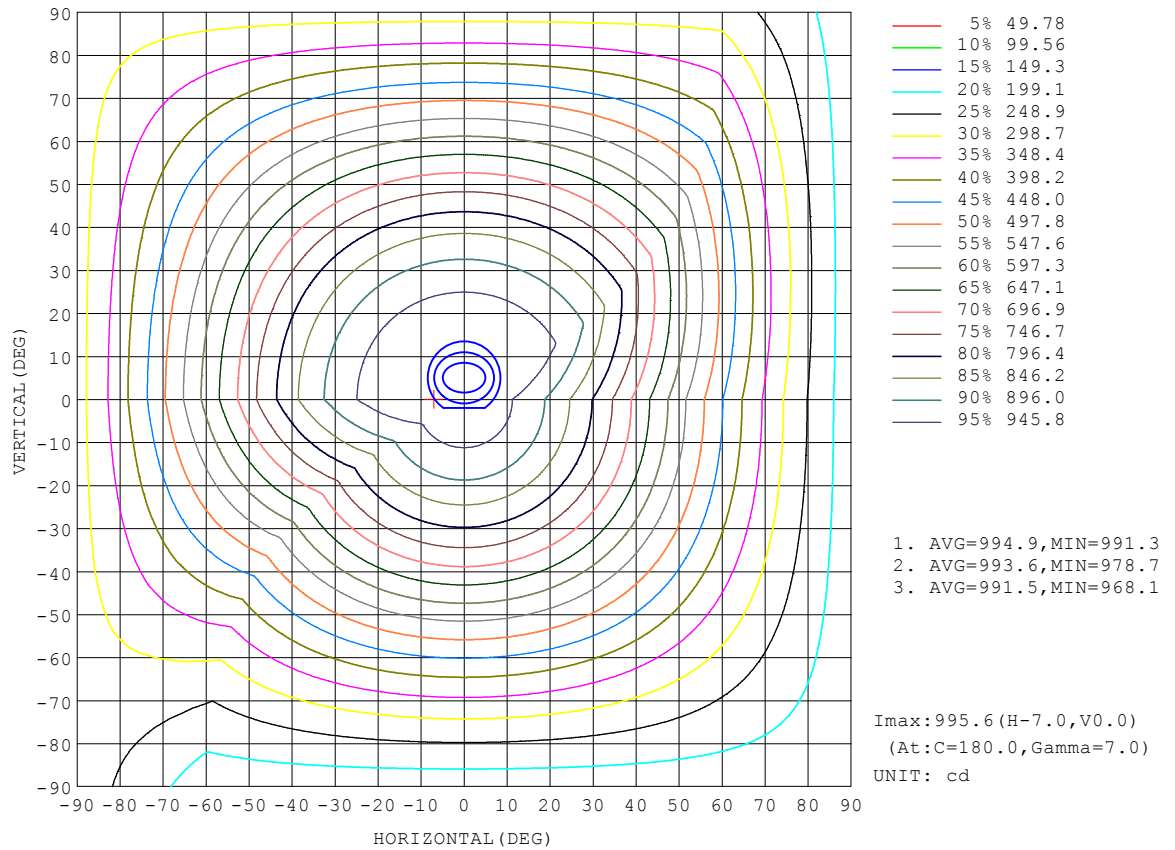
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Z  
Test Date:2026-5-20

☐ Range: 0 - 90DEG  
☐ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.353  
Humidity:65.0%  
Test Distance:5.800m [K=1.0000]  
Remarks:

☐ Range: 0 - 90DEG  
☐ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.353  
 Humidity:65.0%  
 Test Distance:5.800m [K=1.0000]  
 Remarks:

ISOCANDELA DIAGRAM

NAME: LT10S-25W	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 1.212x0.1	SERIAL No.:2026052004
MFR.: Linmore LED Labs,Inc.	SUR.:1.212x0.1	Shielding Angle:



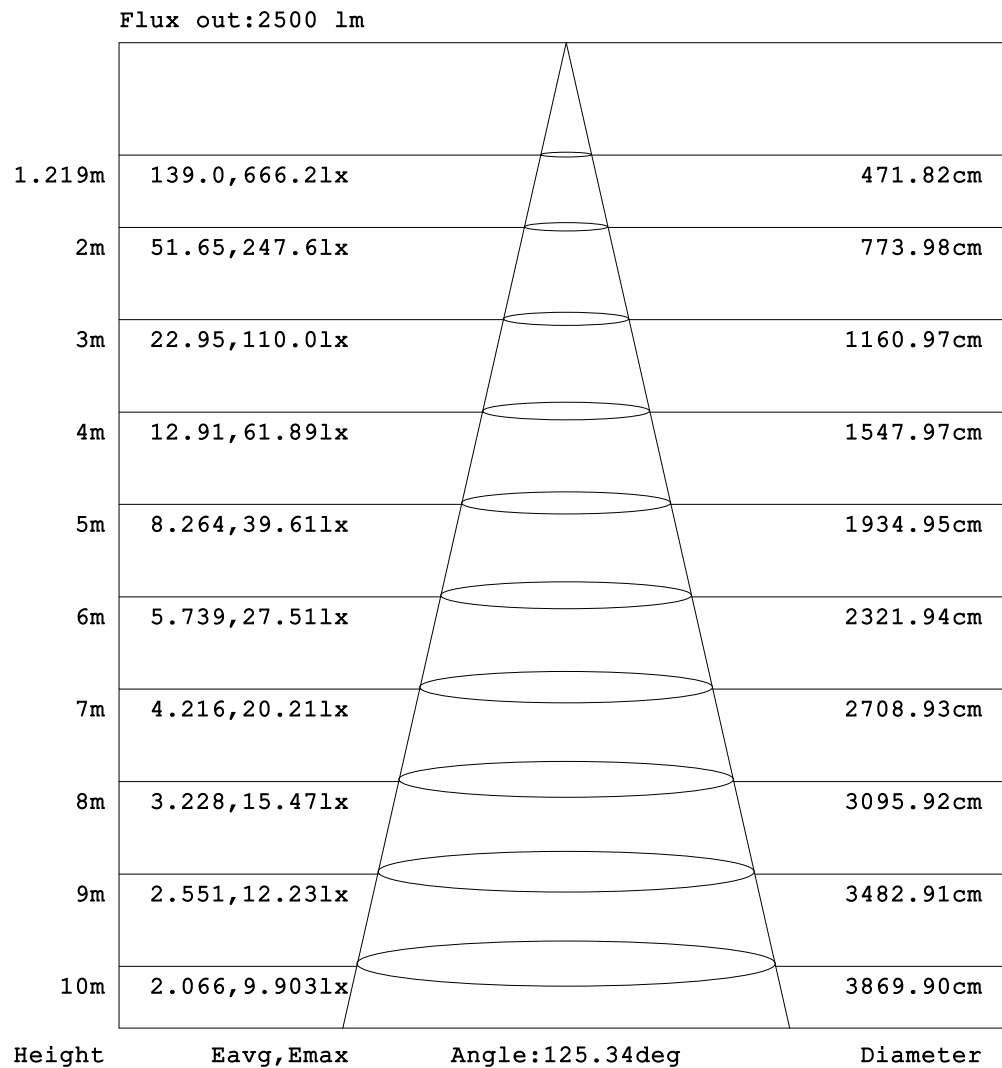
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Z  
Test Date:2026-5-20

☐ Range: 0 - 90DEG  
☐ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.353  
Humidity:65.0%  
Test Distance:5.800m [K=1.0000]  
Remarks:



**AAI Figure**

NAME: LT10S-25W	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 1.212x0.1	SERIAL No.:2026052004
MFR.: Linmore LED Labs,Inc.	SUR.:1.212x0.1	Shielding Angle:



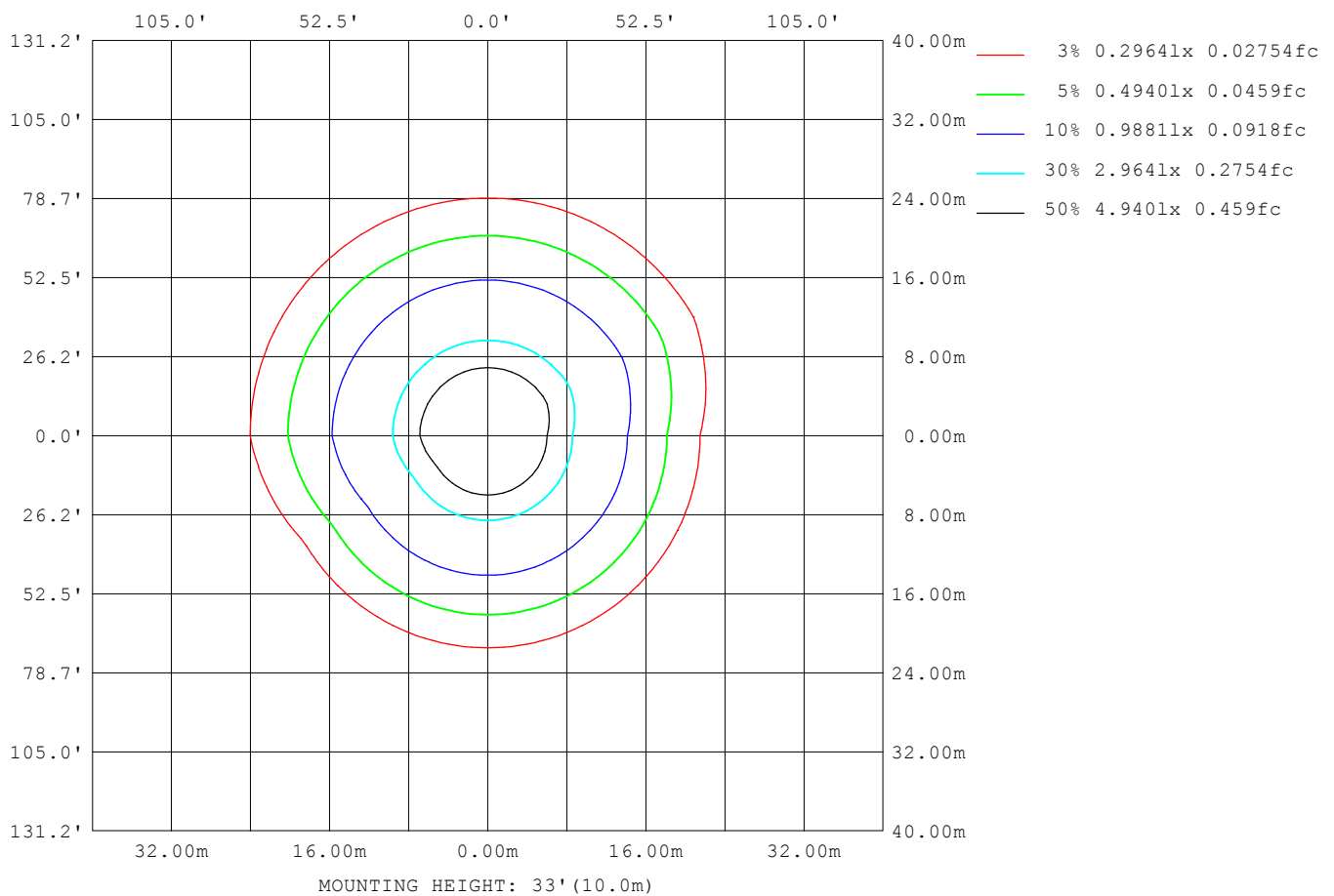
**Note:**The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Z  
 Test Date:2026-5-20

☐ Range: 0 - 90DEG  
☐ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.353  
 Humidity:65.0%  
 Test Distance:5.800m [K=1.0000]  
 Remarks:

**ISOLUX DIAGRAM**

NAME: LT10S-25W	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 1.212x0.1	SERIAL No.:2026052004
MFR.: Linmore LED Labs,Inc.	SUR.:1.212x0.1	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Z  
Test Date:2026-5-20

☐ Range: 0 - 90DEG  
☐ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.353  
Humidity:65.0%  
Test Distance:5.800m [K=1.0000]  
Remarks:

### LED Avg.L Report

NAME: LT10S-25W	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 1.212x0.1	SERIAL No.:2026052004
MFR.: Linmore LED Labs,Inc.	SUR.:1.212x0.1	Shielding Angle:

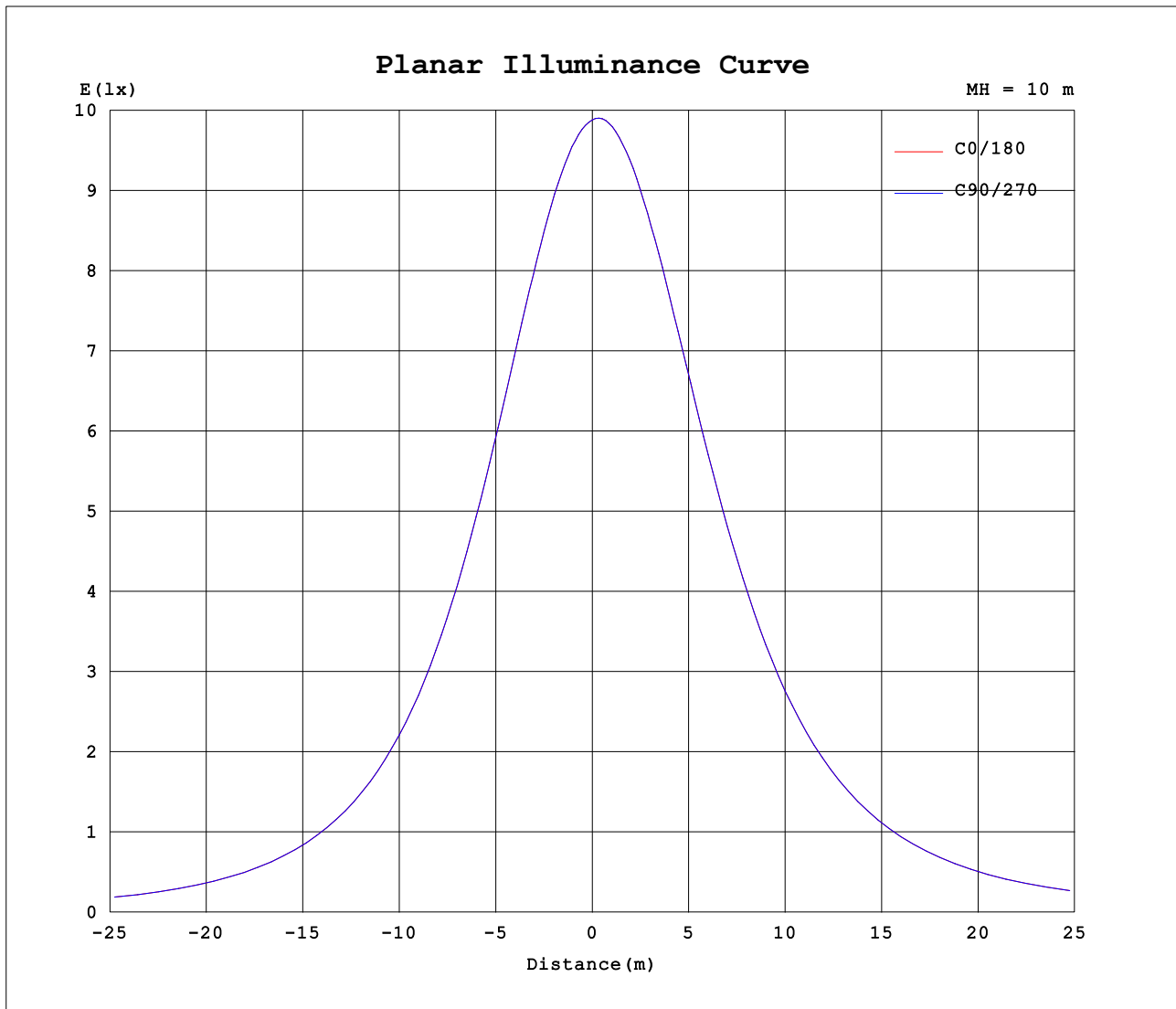
AvgL	cd/m2
L_0~180 (65) av	9221
L_0~180 (75) av	11555
L_0~180 (85) av	25207
L_90~270 (65) av	9221
L_90~270 (75) av	11555
L_90~270 (85) av	25207
L_45 (65) av	9221
L_45 (75) av	11555
L_45 (85) av	25207

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Z  
Test Date:2026-5-20

☐ Range: 0 - 90DEG  
☐ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.353  
Humidity:65.0%  
Test Distance:5.800m [K=1.0000]  
Remarks:

### Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Z  
 Test Date: 2026-5-20

☐ Range: 0 - 90DEG  
☐ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.353  
 Humidity: 65.0%  
 Test Distance: 5.800m [K=1.0000]  
 Remarks:

☐ Range: 0 - 90DEG  
☐ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.353  
 Humidity:65.0%  
 Test Distance:5.800m [K=1.0000]  
 Remarks: