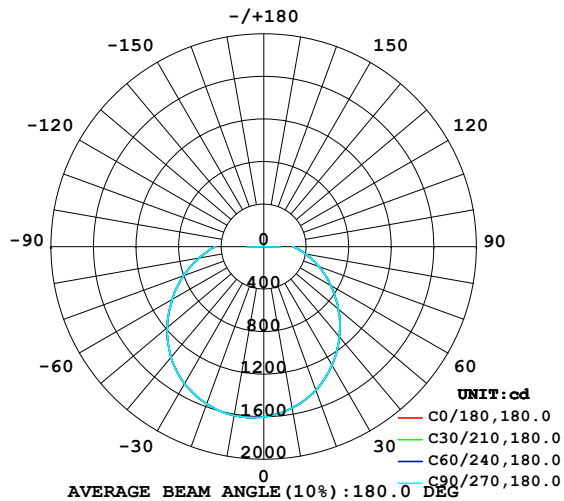


LUMINAIRE PHOTOMETRIC TEST REPORT

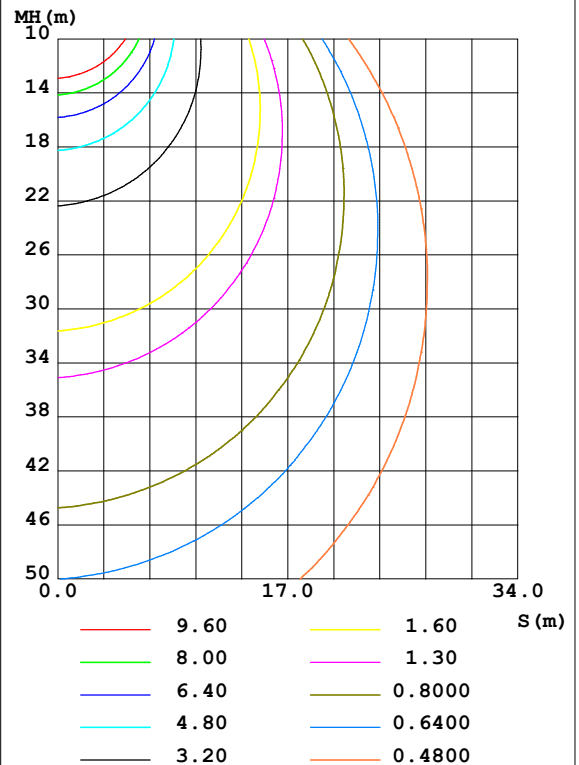
NAME: LT10S-40W	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 1.212X0.1	SERIAL No.:2026052002
MFR.: Linmore LED Labs,Inc.	SUR.:1.212x0.1	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 146.06 lm/W			
MODEL		I _{max} (cd)	1614	S/MH(C0/180)	1.38
NOMINAL POWER(W)	40	LOR(%)	91.8	S/MH(C90/270)	1.38
RATED VOLTAGE(V)	120-277	TOTAL FLUX(lm)	5681.8	□ UP,DN(C0-180)	0.0,40.1
NOMINAL FLUX(lm)	6189.32	CIE CLASS	DIRECT	□ UP,DN(C180-360)	0.0,51.7
LAMPS INSIDE	1	□ up(%)	0.0	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	220	□ down(%)	91.8	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:

mm	C0	C45	C90	C135	C180	C225	C270	C315	mm	□ zone	□ total	%lum, lamp
10	1541	1541	1541	1541	1613	1613	1613	1613	0- 10	151.6	151.6	2.67,2.45
20	1434	1434	1434	1434	1573	1573	1573	1573	10- 20	436.7	588.3	10.4,9.5
30	1286	1286	1286	1286	1490	1490	1490	1490	20- 30	668.8	1257	22.1,20.3
40	1107	1107	1107	1107	1358	1358	1358	1358	30- 40	822.8	2080	36.6,33.6
50	917.3	917.3	917.3	917.3	1186	1186	1186	1186	40- 50	883.4	2963	52.2,47.9
60	727.9	727.9	727.9	727.9	994.2	994.2	994.2	994.2	50- 60	856.4	3820	67.2,61.7
70	553.1	553.1	553.1	553.1	804.0	804.0	804.0	804.0	60- 70	762.8	4583	80.7,74
80	399.8	399.8	399.8	399.8	618.7	618.7	618.7	618.7	70- 80	625.5	5208	91.7,84.1
90	273.3	273.3	273.3	273.3	454.7	454.7	454.7	454.7	80- 90	473.7	5682	100,91.8
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): 2519.7 lm

%lum = 44.3%

%lamp = 40.7%

Conical surface Flux(120deg): 3819.8 lm

%lum = 67.2%

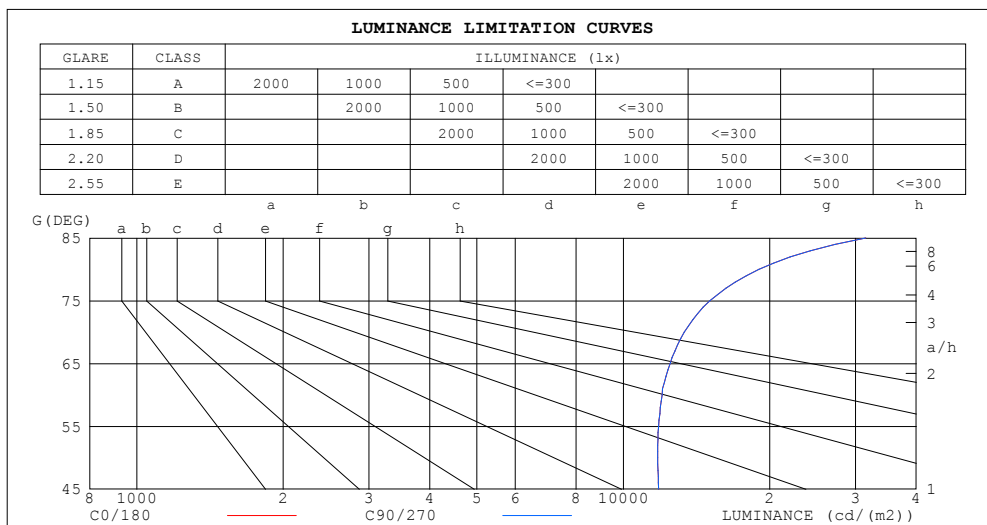
%lamp = 61.7%

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:

LUMINANCE LIMITATION CURVES

NAME: LT10S-40W	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 1.212X0.1	SERIAL No.:2026052002
MFR.: Linmore LED Labs,Inc.	SUR.:1.212x0.1	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	31498	31498
80	18996	18996
75	15075	15075
70	13343	13343
65	12490	12490
60	12012	12012
55	11823	11823
50	11775	11775
45	11821	11821

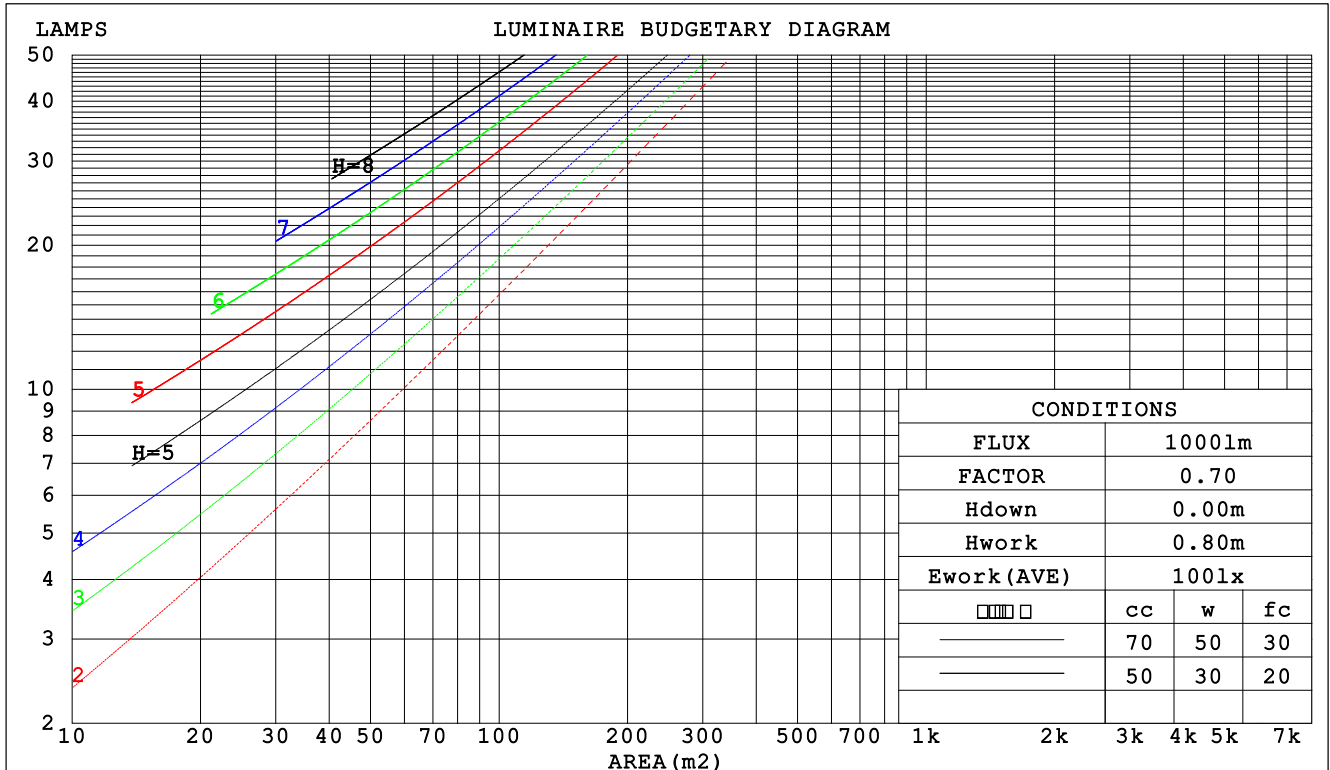
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Z
Test Date:2026-5-20

☐ 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-40W	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 1.212X0.1	SERIAL No.:2026052002
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-40W	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 1.212X0.1	SERIAL No.:2026052002
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	.368 .209 .066	.361 .206 .065	.348 .200 .064	.337 .194 .062	.326 .189 .061	
2.0	.318 .174 .053	.312 .172 .053	.301 .167 .052	.290 .163 .051	.281 .159 .050	
3.0	.282 .150 .045	.277 .148 .045	.267 .145 .044	.258 .141 .043	.249 .138 .043	
4.0	.253 .132 .039	.249 .130 .038	.240 .127 .038	.232 .125 .038	.224 .122 .037	
5.0	.230 .117 .034	.226 .116 .034	.218 .114 .033	.211 .111 .033	.204 .109 .033	
6.0	.211 .106 .030	.207 .105 .030	.200 .103 .030	.194 .101 .030	.188 .099 .029	
7.0	.194 .096 .027	.191 .095 .027	.185 .093 .027	.179 .092 .027	.173 .090 .026	
8.0	.180 .088 .025	.177 .087 .025	.171 .086 .024	.166 .084 .024	.161 .083 .024	
9.0	.167 .081 .023	.165 .080 .023	.160 .079 .022	.155 .078 .022	.151 .077 .022	
10.0	.157 .075 .021	.154 .075 .021	.150 .073 .021	.146 .072 .021	.142 .071 .020	

<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	.175 .175 .175	.149 .149 .149	.102 .102 .102	.059 .059 .059	.019 .019 .019	
1.0	.171 .143 .117	.147 .122 .100	.100 .084 .069	.058 .049 .040	.018 .016 .013	
2.0	.165 .121 .084	.141 .104 .073	.097 .072 .051	.056 .042 .030	.018 .014 .010	
3.0	.158 .105 .063	.135 .091 .055	.093 .063 .039	.054 .037 .023	.017 .012 .007	
4.0	.150 .093 .050	.129 .081 .043	.089 .056 .030	.051 .033 .018	.016 .011 .006	
5.0	.143 .084 .041	.123 .073 .035	.084 .051 .025	.049 .030 .015	.016 .010 .005	
6.0	.135 .076 .034	.116 .066 .029	.080 .046 .021	.047 .027 .012	.015 .009 .004	
7.0	.129 .070 .029	.111 .061 .025	.076 .043 .018	.044 .025 .011	.014 .008 .004	
8.0	.122 .065 .025	.105 .056 .022	.073 .039 .016	.042 .023 .009	.014 .008 .003	
9.0	.116 .060 .022	.100 .052 .019	.069 .037 .014	.040 .022 .008	.013 .007 .003	
10.0	.111 .056 .020	.095 .049 .017	.066 .034 .012	.039 .020 .007	.013 .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-40W					TYPE:LED					WEIGHT:				
SPEC.:					DIM.: 1.212X0.1					SERIAL No.:2026052002				
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					20.8	22.4	21.1	22.6	22.9	20.8	22.4	21.1	22.6	22.9
3H					22.8	24.4	23.2	24.6	24.9	22.8	24.4	23.2	24.6	24.9
4H					23.9	25.4	24.3	25.7	25.9	23.9	25.4	24.3	25.7	25.9
6H					25.1	26.5	25.4	26.8	27.1	25.1	26.5	25.4	26.8	27.1
8H					25.7	27.1	26.1	27.4	27.7	25.7	27.1	26.1	27.4	27.7
12H					26.4	27.8	26.8	28.1	28.4	26.4	27.8	26.8	28.1	28.4
4H 2H					21.5	23.0	21.8	23.3	23.5	21.5	23.0	21.8	23.3	23.5
3H					23.8	25.1	24.2	25.4	25.7	23.8	25.1	24.2	25.4	25.7
4H					25.1	26.3	25.5	26.6	27.0	25.1	26.3	25.5	26.6	27.0
6H					26.4	27.5	26.8	27.9	28.3	26.4	27.5	26.8	27.9	28.3
8H					27.2	28.2	27.6	28.6	29.0	27.2	28.2	27.6	28.6	29.0
12H					28.0	29.0	28.5	29.4	29.8	28.0	29.0	28.5	29.4	29.8
8H 4H					25.6	26.6	26.0	27.0	27.4	25.6	26.6	26.0	27.0	27.4
6H					27.2	28.1	27.7	28.5	29.0	27.2	28.1	27.7	28.5	29.0
8H					28.2	29.0	28.6	29.4	29.8	28.2	29.0	28.6	29.4	29.8
12H					29.2	29.9	29.7	30.4	30.9	29.2	29.9	29.7	30.4	30.9
12H 4H					25.7	26.7	26.1	27.1	27.5	25.7	26.7	26.1	27.1	27.5
6H					27.5	28.3	27.9	28.7	29.1	27.5	28.3	27.9	28.7	29.1
8H					28.5	29.2	29.0	29.6	30.1	28.5	29.2	29.0	29.6	30.1
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 6189 lm Total Lamp Luminous Flux.(8log(F/F0) = 6.3)

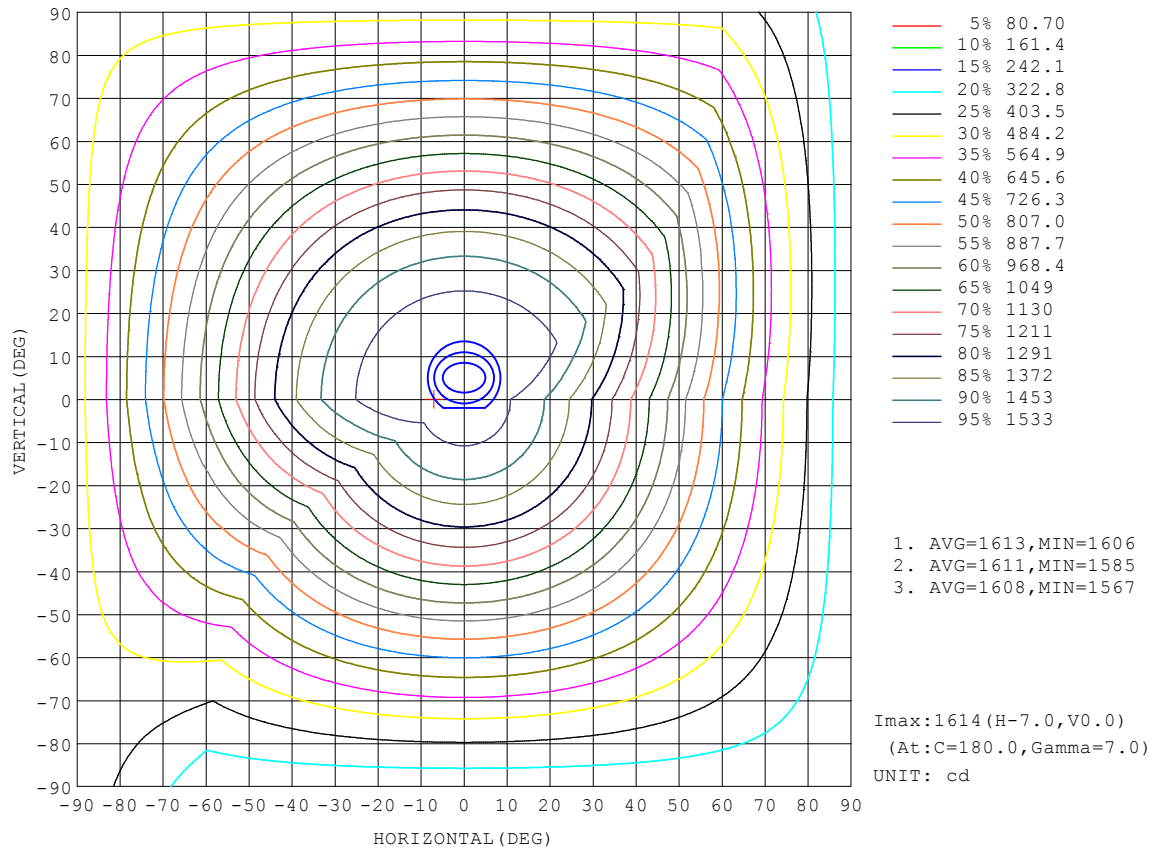
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Z
Test Date:2026-5-20

☐ 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-40W	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 1.212X0.1	SERIAL No.:2026052002
MFR.: Linmore LED Labs,Inc.	SUR.:1.212x0.1	Shielding Angle:

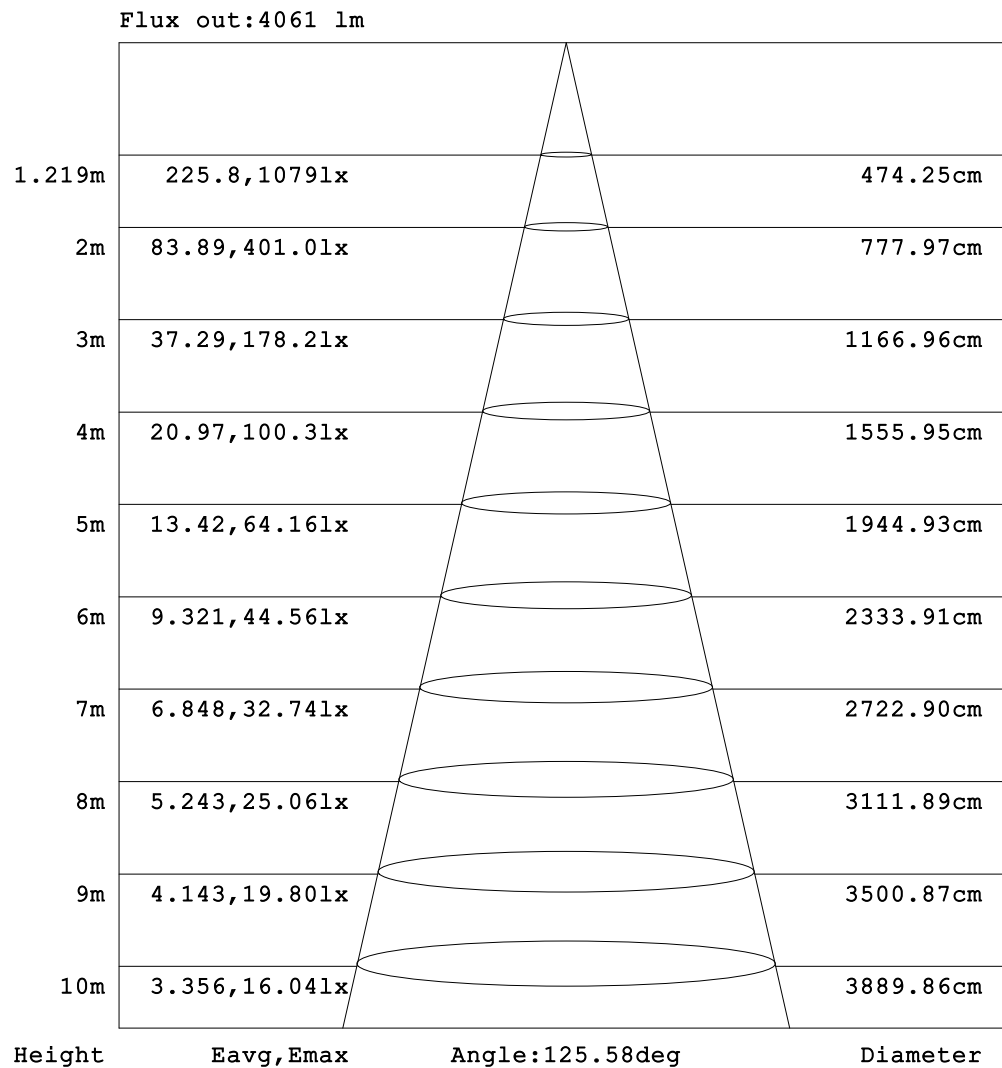


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Z
Test Date:2026-5-20

☐ 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-40W	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 1.212X0.1	SERIAL No.:2026052002
MFR.: Linmore LED Labs,Inc.	SUR.:1.212x0.1	Shielding Angle:



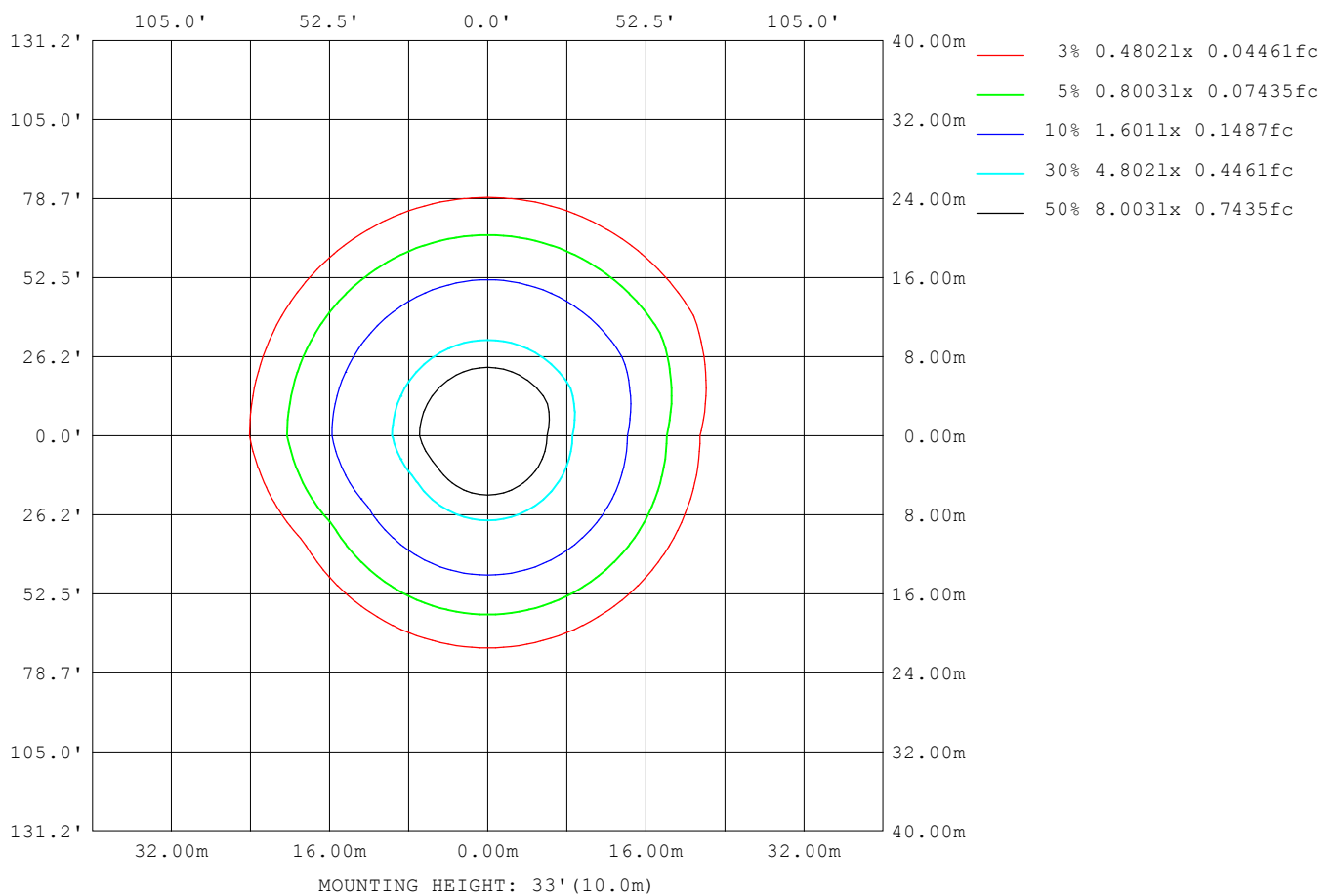
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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-40W	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 1.212X0.1	SERIAL No.:2026052002
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-40W	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 1.212X0.1	SERIAL No.:2026052002
MFR.: Linmore LED Labs,Inc.	SUR.:1.212x0.1	Shielding Angle:

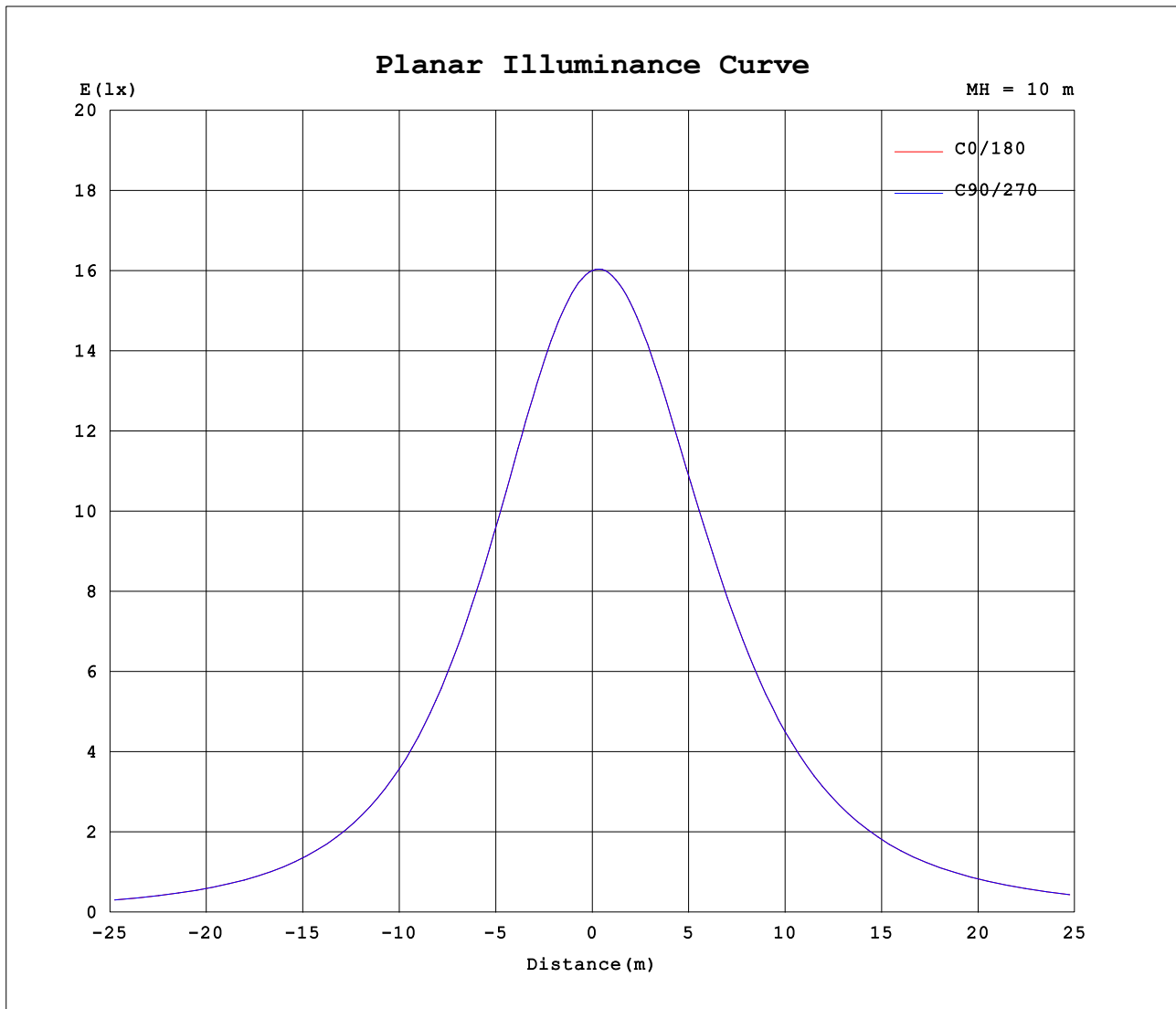
AvgL	cd/m2
L_0~180 (65) av	15041
L_0~180 (75) av	18852
L_0~180 (85) av	40979
L_90~270 (65) av	15041
L_90~270 (75) av	18852
L_90~270 (85) av	40979
L_45 (65) av	15041
L_45 (75) av	18852
L_45 (85) av	40979

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: