

```

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:9.520m [K=1.0000]
Remarks:

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ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	687.3	696.6	692.8	685.5	682.2	682.2	687.8	687.3	0- 10	71.74	71.74	17.5,17.5
20	392.1	406.0	403.4	398.8	396.1	395.0	401.3	395.6	10- 20	152.9	224.6	54.7,54.7
30	120.6	129.0	129.0	125.2	123.9	125.8	129.0	124.2	20- 30	109.4	334.0	81.4,81.4
40	40.22	42.79	43.44	43.02	42.57	43.43	44.11	41.63	30- 40	46.32	380.4	92.7,92.7
50	7.511	7.846	7.917	8.187	8.261	8.399	8.401	7.841	40- 50	16.43	396.8	96.7,96.7
60	2.665	2.642	2.570	2.581	2.595	2.653	2.773	2.747	50- 60	3.758	400.6	97.6,97.6
70	1.639	1.612	1.551	1.483	1.501	1.621	1.700	1.791	60- 70	2.027	402.6	98.1,98.1
80	1.172	1.116	1.011	0.9596	1.005	1.143	1.174	1.337	70- 80	1.439	404.0	98.4,98.4
90	0.7979	0.7537	0.7154	0.6531	0.6842	0.7884	0.7809	0.8566	80- 90	1.016	405.0	98.7,98.7
100	0.0608	0.1195	0.2445	0.1207	0.0667	0.0811	0.3138	0.0810	90-100	0.2849	405.3	98.7,98.7
110	0.1242	0.2054	0.3541	0.1977	0.1447	0.2287	0.3607	0.2096	100-110	0.1871	405.5	98.8,98.8
120	0.2675	0.2893	0.3670	0.2805	0.3848	0.2947	0.4258	0.2946	110-120	0.2623	405.8	98.9,98.9
130	0.7216	0.6293	0.7253	0.6220	0.7792	0.6500	0.7511	0.6504	120-130	0.4208	406.2	99,99
140	1.280	1.342	1.371	1.331	1.373	1.399	1.388	1.391	130-140	0.7675	407.0	99.1,99.1
150	2.330	2.189	2.264	2.187	2.399	2.262	2.287	2.269	140-150	1.127	408.1	99.4,99.4
160	2.903	2.951	2.930	2.927	2.957	2.932	2.974	2.969	150-160	1.208	409.3	99.7,99.7
170	3.242	3.222	3.215	3.184	3.225	3.153	3.220	3.213	160-170	0.8854	410.2	99.9,99.9
180	3.266	3.286	3.243	3.276	3.260	3.277	3.263	3.273	170-180	0.3085	410.5	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 391.53 lm

%lum = 95.4%

%lamp = 95.4%

Conical surface Flux(120deg): 400.55 lm

%lum = 97.6%

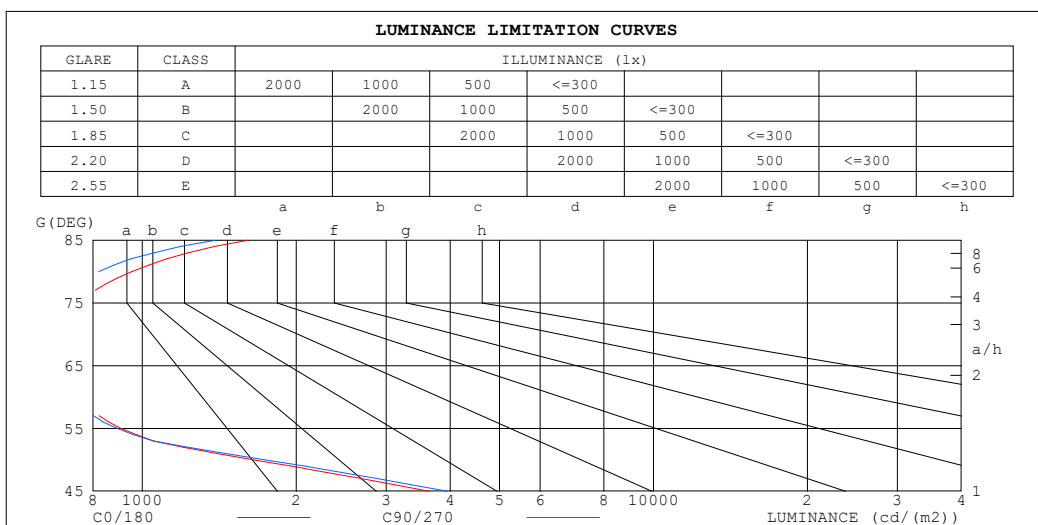
%lamp = 97.6%

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:Chen Songyu
 Test Date:2026-02-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000H_V1 SYSTEM V2.00.456
 Humidity:65.0%
 Test Distance:9.520m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:230.24V I:0.0236A P:4.5735W PF:0.8418 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:410.485x1 lm		
Name: Calex Luxor LX95 5-7-8-10W 3CT Triac dim 40D	WHType: 5W	Weight:
SPEC.: 3000K	DIM.:	Instrument No.: HUP-IES-B3
MFR.: CALEX	SUR.: 0.0475	shielding angle:



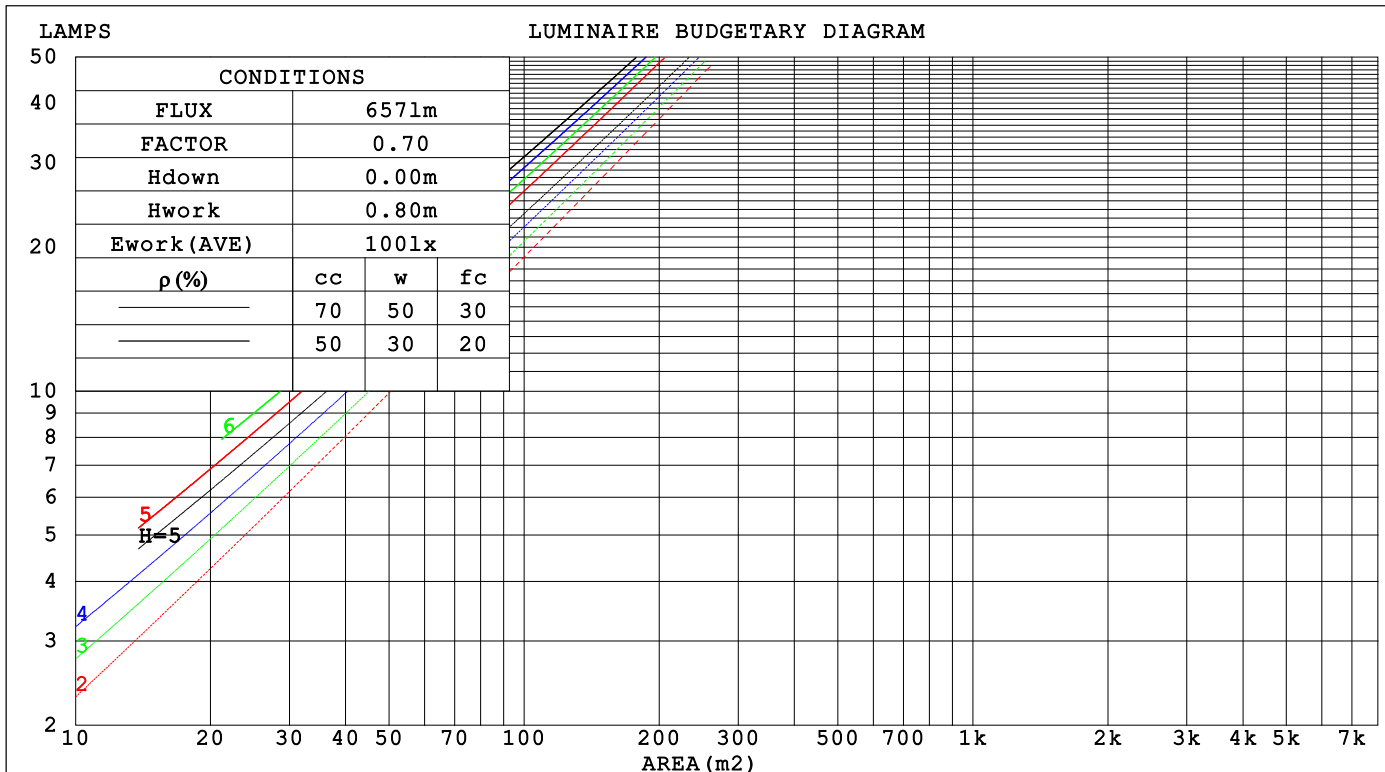
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: Chen Songyu
Test Date: 2026-02-08

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000H_V1 SYSTEM V2.00.456
Humidity: 65.0%
Test Distance: 9.520m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.24V I:0.0236A P:4.5735W PF:0.8418 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:410.485x1 lm		
Name: Calex Luxor LX95 5-7-8-10W 3CT Triac dim 40D	WHType: 5W	Weight:
SPEC.: 3000K	DIM.:	Instrument No.: HUP-IES-B3
MFR.: CALEX	SUR.: 0.0475	shielding angle:

pcc	80%			70%			50%			30%			10%			0
p _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
p _{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio															



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3℃
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γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:9.520m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:230.24V I:0.0236A P:4.5735W PF:0.8418 Freq:49.99Hz			UTHDi:0.00% ITHDi:0.00% KDisp:0			Lamp Flux:410.485x1 lm		
Name: Calex Luxor LX95 5-7-8-10W 3CT Triac dim 40D			WHType: 5W			Weight:		
SPEC.: 3000K			DIM.:			Instrument No.: HUP-IES-B3		
MFR.: CALEX			SUR.: 0.0475			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	.168	.095	.030	.161	.092	.029	.147	.085	.027	.135	.078	.025	.124	.072	.023		
2.0	.158	.086	.027	.152	.084	.026	.141	.078	.024	.130	.073	.023	.121	.068	.022		
3.0	.149	.079	.024	.144	.077	.023	.134	.073	.022	.125	.069	.021	.117	.065	.020		
4.0	.141	.073	.021	.136	.071	.021	.128	.068	.020	.120	.065	.019	.113	.062	.019		
5.0	.133	.068	.020	.129	.066	.019	.122	.064	.019	.116	.061	.018	.109	.058	.018		
6.0	.127	.064	.018	.123	.062	.018	.117	.060	.017	.111	.058	.017	.106	.056	.017		
7.0	.121	.060	.017	.118	.059	.017	.112	.057	.016	.107	.055	.016	.102	.053	.016		
8.0	.115	.056	.016	.113	.056	.016	.108	.054	.015	.103	.052	.015	.099	.051	.015		
9.0	.110	.053	.015	.108	.053	.015	.104	.051	.015	.099	.050	.014	.095	.049	.014		
10.0	.106	.051	.014	.104	.050	.014	.100	.049	.014	.096	.048	.014	.092	.046	.013		

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	.201	.201	.201	.171	.171	.171	.117	.117	.117	.067	.067	.067	.021	.021	.021		
1.0	.181	.168	.156	.155	.144	.134	.106	.099	.093	.061	.057	.054	.019	.018	.017		
2.0	.165	.143	.124	.141	.123	.108	.097	.085	.075	.056	.049	.044	.018	.016	.014		
3.0	.151	.124	.102	.130	.107	.088	.089	.074	.062	.051	.043	.036	.017	.014	.012		
4.0	.140	.109	.085	.121	.094	.074	.083	.066	.052	.048	.038	.031	.015	.013	.010		
5.0	.131	.097	.072	.113	.084	.063	.078	.059	.044	.045	.034	.026	.014	.011	.009		
6.0	.123	.088	.062	.106	.076	.054	.073	.053	.038	.042	.031	.023	.014	.010	.008		
7.0	.116	.080	.054	.100	.069	.047	.069	.049	.034	.040	.029	.020	.013	.009	.007		
8.0	.110	.074	.048	.095	.064	.042	.066	.045	.030	.038	.026	.018	.012	.009	.006		
9.0	.105	.068	.043	.091	.059	.038	.063	.042	.027	.037	.025	.016	.012	.008	.005		
10.0	.101	.064	.039	.087	.055	.034	.060	.039	.024	.035	.023	.014	.011	.008	.005		

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Chen Songyu
Test Date:2026-02-08

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:9.520m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:230.24V I:0.0236A P:4.5735W PF:0.8418 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0Lamp Flux:410.485x1 lm											
Name: Calex Luxor LX95 5-7-8-10W 3CT Triac dim 40D						WHType: 5W			Weight:		
SPEC.: 3000K						DIM.:			Instrument No.: HUP-IES-B3		
MFR.: CALEX						SUR.: 0.0475			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		10.7	11.5	10.9	11.7	11.9	10.9	11.8	11.2	12.0	12.1
3H		10.6	11.4	10.9	11.6	11.8	10.9	11.6	11.1	11.9	12.1
4H		10.6	11.4	10.9	11.6	11.9	10.9	11.6	11.2	11.8	12.1
6H		10.7	11.4	11.0	11.7	11.9	10.9	11.6	11.2	11.8	12.1
8H		10.8	11.4	11.1	11.7	12.0	10.9	11.6	11.2	11.9	12.1
12H		10.9	11.5	11.2	11.8	12.1	11.0	11.6	11.3	11.9	12.2
4H 2H		10.5	11.2	10.8	11.4	11.7	10.7	11.5	11.0	11.7	11.9
3H		10.5	11.1	10.8	11.4	11.7	10.7	11.4	11.1	11.6	11.9
4H		10.6	11.1	10.9	11.5	11.8	10.8	11.3	11.1	11.7	12.0
6H		10.7	11.2	11.1	11.6	11.9	10.8	11.4	11.2	11.7	12.1
8H		10.8	11.3	11.2	11.7	12.1	10.9	11.4	11.3	11.8	12.2
12H		11.0	11.4	11.4	11.8	12.3	11.1	11.5	11.5	11.9	12.3
8H 4H		10.5	11.0	10.9	11.3	11.7	10.7	11.2	11.1	11.5	11.9
6H		10.7	11.1	11.2	11.5	12.0	10.9	11.3	11.3	11.7	12.1
8H		10.9	11.3	11.4	11.7	12.2	11.0	11.4	11.5	11.8	12.3
12H		11.3	11.6	11.8	12.0	12.5	11.3	11.6	11.7	12.0	12.5
12H 4H		10.5	10.9	10.9	11.3	11.7	10.7	11.1	11.1	11.5	11.9
6H		10.7	11.1	11.2	11.5	12.0	10.9	11.2	11.3	11.7	12.1
8H		11.0	11.3	11.5	11.8	12.3	11.1	11.4	11.5	11.8	12.3
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H		+ 2.0 / - 3.7					+ 2.2 / - 4.1				
1.5H		+ 3.9 / - 3.7					+ 4.1 / - 4.1				
2.0H		+ 3.6 / - 1.2					+ 4.2 / - 1.5				

CIE Pub.117, 410.5 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -3.1)
Area: 0.00708 m2

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Chen Songyu
Test Date:2026-02-08

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:9.520m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:230.24V I:0.0236A P:4.5735W PF:0.8418 Freq:49.99Hz			UTHDi:0.00% ITHDi:0.00% KDisp:0			Lamp Flux:410.485x1 lm		
Name: Calex Luxor LX95 5-7-8-10W 3CT Triac dim 40D			WHType: 5W			Weight:		
SPEC.: 3000K			DIM.:			Instrument No.: HUP-IES-B3		
MFR.: CALEX			SUR.: 0.0475			shielding angle:		

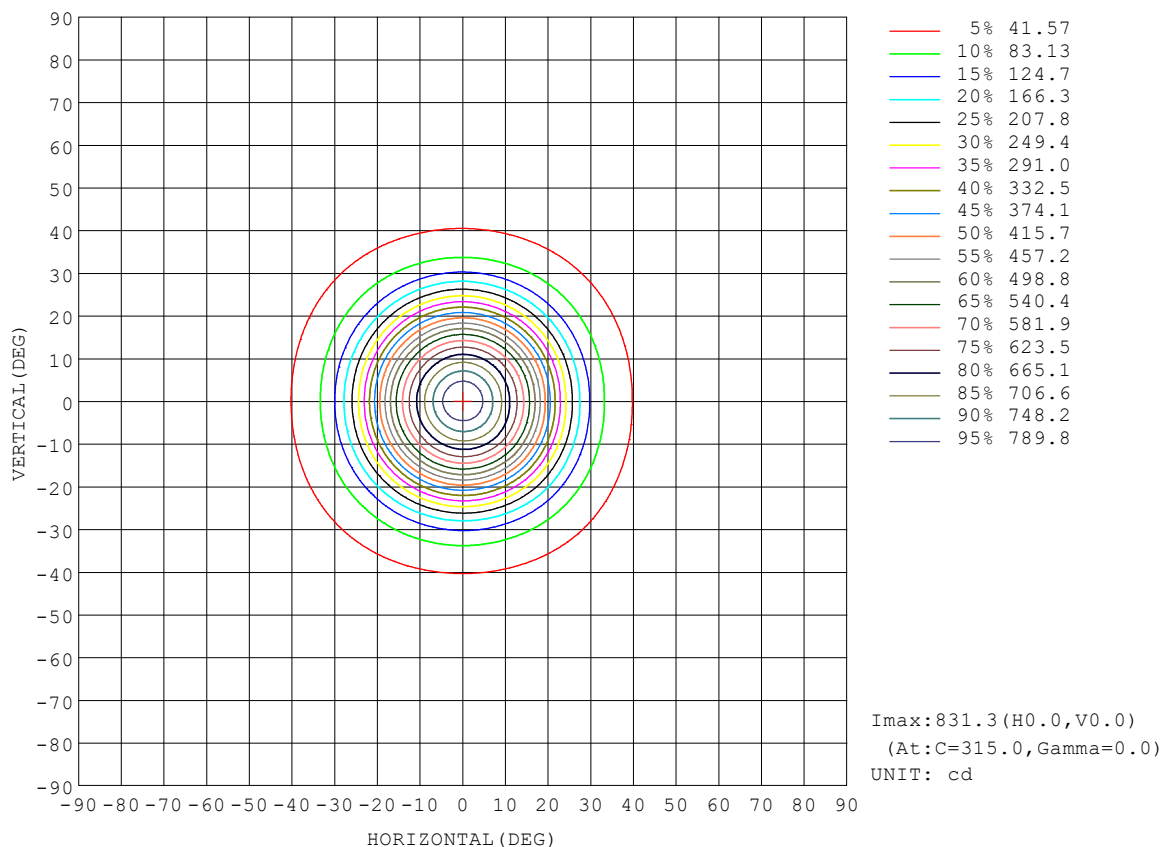
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	87	81	77	86	80	77	86	80	77	73
0.80	94	89	85	94	88	85	92	87	84	80
1.00	99	93	90	98	93	89	96	92	89	85
1.25	103	98	94	102	97	94	99	96	93	88
1.50	105	101	97	104	100	97	102	98	96	91
2.00	108	104	101	107	103	100	104	101	98	93
2.50	110	106	103	108	105	102	105	102	100	94
3.00	111	108	105	109	106	104	106	103	102	95
4.00	113	111	108	111	109	107	107	105	104	96
5.00	115	112	110	112	110	109	108	107	105	97
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: Chen Songyu
Test Date: 2026-02-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000H_V1 SYSTEM V2.00.456
Humidity: 65.0%
Test Distance: 9.520m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:230.24V I:0.0236A P:4.5735W PF:0.8418 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:410.485x1 lm		
Name: Calex Luxor LX95 5-7-8-10W 3CT Triac dim 40D	WHType: 5W	Weight:
SPEC.: 3000K	DIM.:	Instrument No.: HUP-IES-B3
MFR.: CALEX	SUR.: 0.0475	shielding angle:

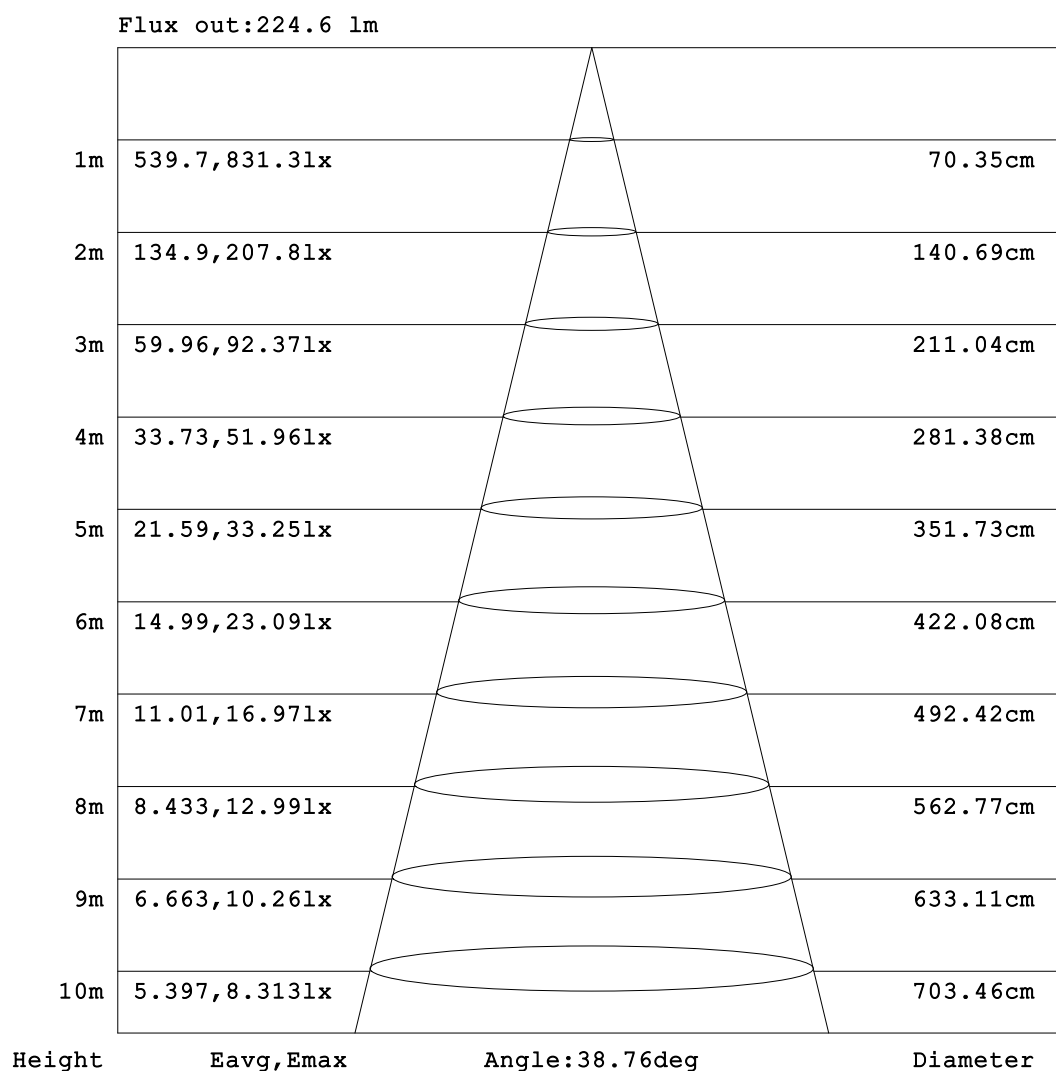


C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Chen Songyu
Test Date:2026-02-08

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:9.520m [K=1.0000]
Remarks:

AAI Figure

Test:U:230.24V I:0.0236A P:4.5735W PF:0.8418 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:410.485x1 lm		
Name: Calex Luxor LX95 5-7-8-10W 3CT Triac dim 40D	WHType: 5W	Weight:
SPEC.: 3000K	DIM.:	Instrument No.: HUP-IES-B3
MFR.: CALEX	SUR.: 0.0475	shielding angle:



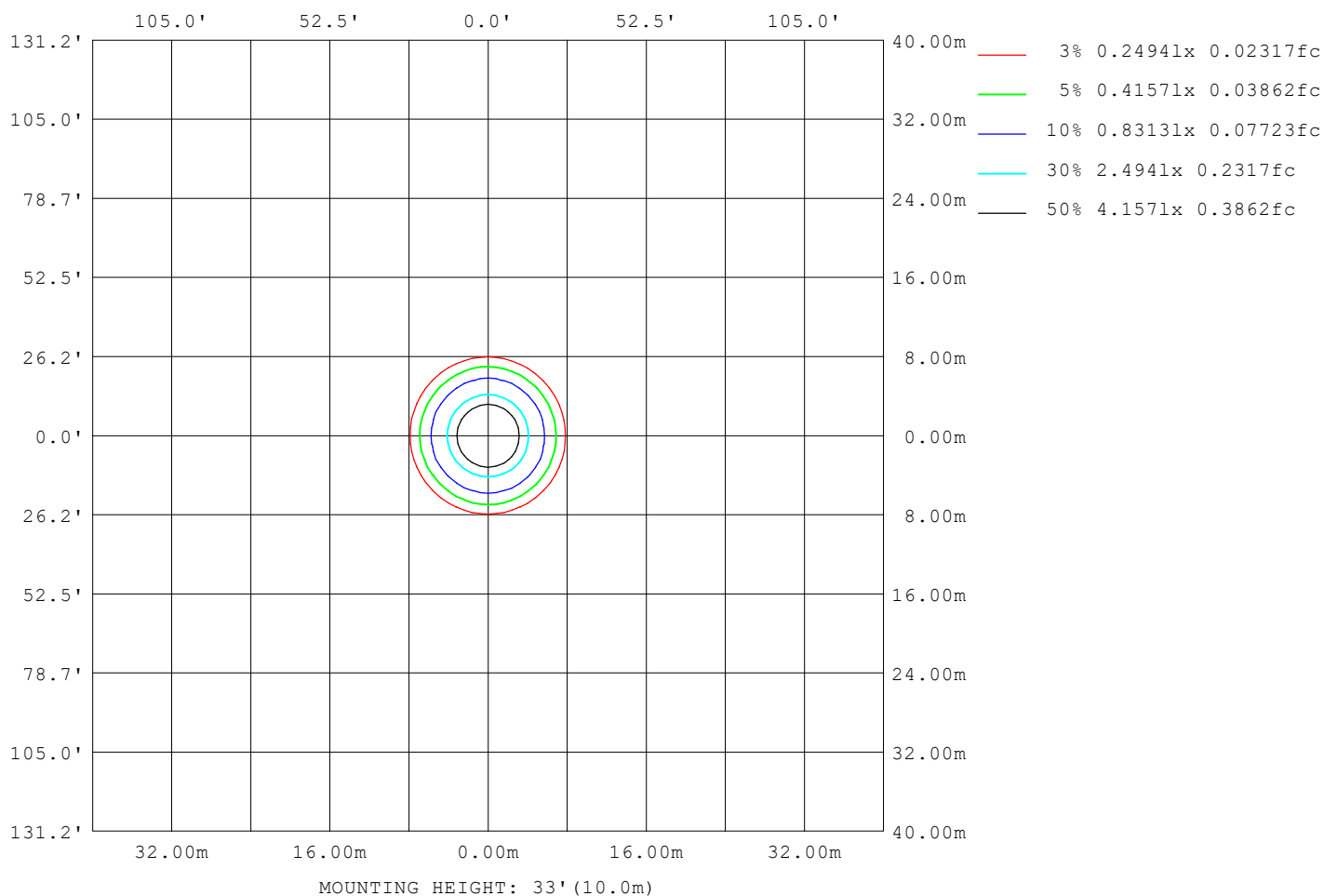
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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 C Interval: 45.0DEG
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 Operators: Chen Songyu
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 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000H_V1 SYSTEM V2.00.456
 Humidity: 65.0%
 Test Distance: 9.520m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:230.24V I:0.0236A P:4.5735W PF:0.8418 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:410.485x1 lm		
Name: Calex Luxor LX95 5-7-8-10W 3CT Triac dim 40D	WHType: 5W	Weight:
SPEC.: 3000K	DIM.:	Instrument No.: HUP-IES-B3
MFR.: CALEX	SUR.: 0.0475	shielding angle:



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: Chen Songyu
Test Date: 2026-02-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000H_V1 SYSTEM V2.00.456
Humidity: 65.0%
Test Distance: 9.520m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:230.24V I:0.0236A P:4.5735W PF:0.8418 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:410.485x1 lm		
Name: Calex Luxor LX95 5-7-8-10W 3CT Triac dim 40D	WHType: 5W	Weight:
SPEC.: 3000K	DIM.:	Instrument No.: HUP-IES-B3
MFR.: CALEX	SUR.: 0.0475	shielding angle:

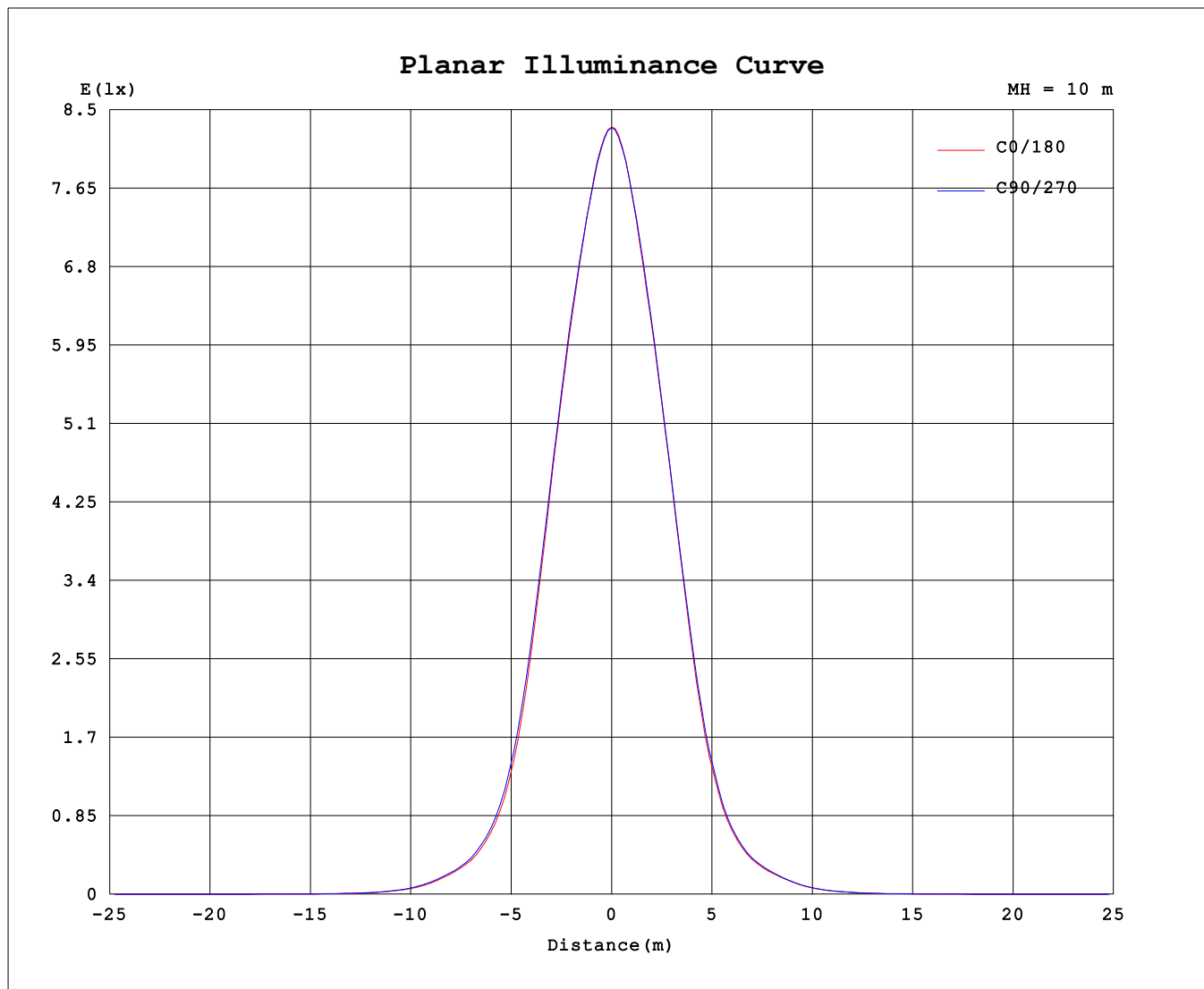
AvgL	cd/m2
L_0~180 (65) av	660
L_0~180 (75) av	730
L_0~180 (85) av	1492
L_90~270 (65) av	679
L_90~270 (75) av	746
L_90~270 (85) av	1469
L_45 (65) av	674
L_45 (75) av	766
L_45 (85) av	1527

Standard: GB/T 29293-2012

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γ Interval: 1.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.00.456
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Test Distance:9.520m [K=1.0000]
Remarks:

Planar Illuminance Curve



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Test Speed: HIGH
Temperature: 25.3 °C
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 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000H_V1 SYSTEM V2.00.456
Humidity: 65.0%
Test Distance: 9.520m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.24V I:0.0236A P:4.5735W PF:0.8418 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:410.485x1 lm		
Name: Calex Luxor LX95 5-7-8-10W 3CT Triac dim 40D	WHType: 5W	Weight:
SPEC.: 3000K	DIM.:	Instrument No.: HUP-IES-B3
MFR.: CALEX	SUR.: 0.0475	shielding angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	45	90	135	180	225	270	315										
0	831	831	831	831	831	831	831	831										
5	785	786	783	783	784	784	786	785										
10	687	697	693	685	682	682	688	687										
15	561	571	567	560	557	554	560	561										
20	392	406	403	399	396	395	401	396										
25	225	241	240	234	232	235	241	232										
30	121	129	129	125	124	126	129	124										
35	67.6	71.7	71.7	70.5	69.3	71.1	72.2	69.9										
40	40.2	42.8	43.4	43.0	42.6	43.4	44.1	41.6										
45	18.2	19.5	19.8	19.9	19.9	20.3	20.4	18.9										
50	7.51	7.85	7.92	8.19	8.26	8.40	8.40	7.84										
55	3.69	3.67	3.64	3.72	3.74	3.83	3.89	3.81										
60	2.67	2.64	2.57	2.58	2.60	2.65	2.77	2.75										
65	2.04	2.01	1.95	1.90	1.91	2.01	2.11	2.15										
70	1.64	1.61	1.55	1.48	1.50	1.62	1.70	1.79										
75	1.41	1.38	1.28	1.23	1.27	1.41	1.46	1.60										
80	1.17	1.12	1.01	0.96	1.00	1.14	1.17	1.34										
85	0.99	0.92	0.86	0.80	0.85	0.96	0.96	1.09										
90	0.80	0.75	0.72	0.65	0.68	0.79	0.78	0.86										
95	0.12	0.14	0.18	0.09	0.07	0.08	0.18	0.18										
100	0.06	0.12	0.24	0.12	0.07	0.08	0.31	0.08										
105	0.06	0.21	0.26	0.16	0.09	0.22	0.20	0.21										
110	0.12	0.21	0.35	0.20	0.14	0.23	0.36	0.21										
115	0.16	0.23	0.36	0.23	0.26	0.24	0.37	0.21										
120	0.27	0.29	0.37	0.28	0.38	0.29	0.43	0.29										
125	0.49	0.40	0.50	0.39	0.54	0.39	0.56	0.39										
130	0.72	0.63	0.73	0.62	0.78	0.65	0.75	0.65										
135	0.96	0.95	0.99	0.95	1.03	1.01	1.00	1.00										
140	1.28	1.34	1.37	1.33	1.37	1.40	1.39	1.39										
145	1.73	1.74	1.82	1.74	1.84	1.84	1.84	1.84										
150	2.33	2.19	2.26	2.19	2.40	2.26	2.29	2.27										
155	2.59	2.61	2.61	2.59	2.67	2.64	2.68	2.66										
160	2.90	2.95	2.93	2.93	2.96	2.93	2.97	2.97										
165	3.23	3.18	3.13	3.14	3.24	3.12	3.17	3.17										
170	3.24	3.22	3.22	3.18	3.23	3.15	3.22	3.21										
175	3.24	3.29	3.22	3.26	3.24	3.22	3.23	3.27										
180	3.27	3.29	3.24	3.28	3.26	3.28	3.26	3.27										

C Range: 0 - 360DEG

C Interval: 45.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:Chen Songyu

Test Date:2026-02-08

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-2000H_V1 SYSTEM V2.00.456

Humidity:65.0%

Test Distance:9.520m [K=1.0000]

Remarks: