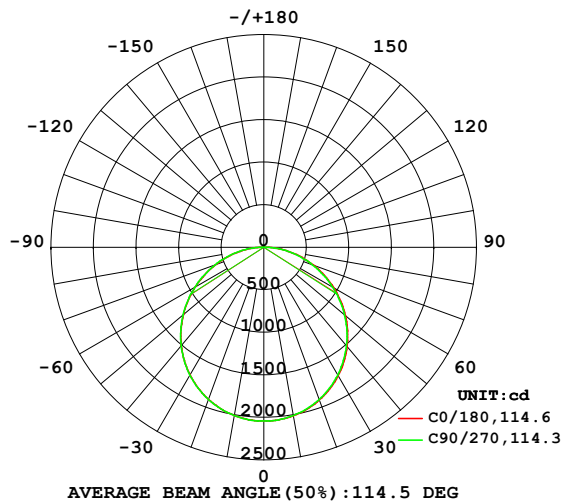


LUMINAIRE PHOTOMETRIC TEST REPORT

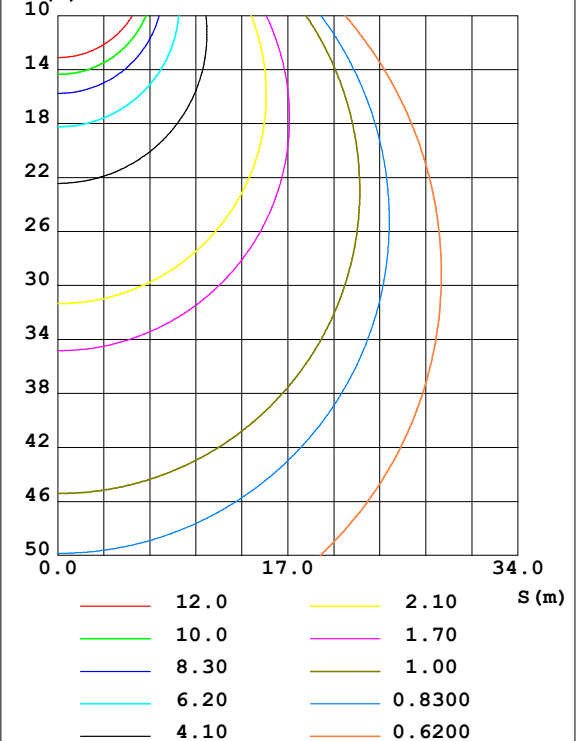
Test:U:232.07V I:0.1925A P:43.093W PF:0.9645 Freq:50.00Hz Lamp Flux:6099.45x1 lm		
NAME: LED	TYPE:	WEIGHT:
SPEC.:	DIM.: 583*24MM	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 141.54 lm/W			
MODEL	TTL HOLL 36/40/44W	I _{max} (cd)	2045	S/MH(C0/180)	1.26
NOMINAL POWER(W)	44	LOR(%)	100.0	S/MH(C90/270)	1.26
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	6099.4	η UP,DN(C0-180)	0.3,49.9
NOMINAL FLUX(lm)	6099.45	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.3,49.5
LAMPS INSIDE	1	η up(%)	0.6	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	230	η down(%)	99.4	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



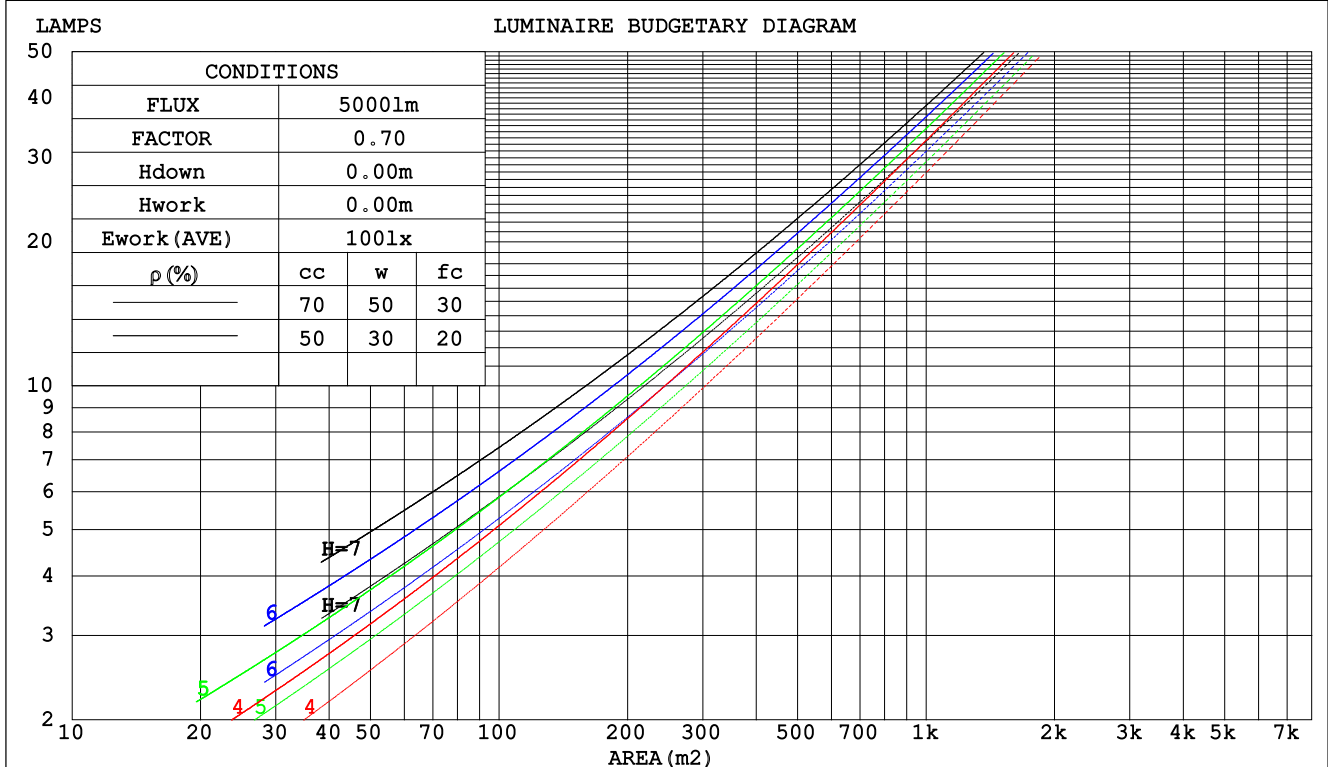
C Range: 0 - 180DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LEON
Test Date: 2026-05-22

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
Humidity: 65.0%
Test Distance: 10.500m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:232.07V I:0.1925A P:43.093W PF:0.9645 Freq:50.00Hz Lamp Flux:6099.45x1 lm		
NAME: LED灯具	TYPE:	WEIGHT:
SPEC.:	DIM.: 583*24MM	SERIAL No.:
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	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
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	.99
1.0	1.03	.99	.95	1.01	.97	.93	.96	.93	.90	.92	.90	.87	.89	.86	.84	.82
2.0	.89	.82	.76	.88	.81	.75	.84	.78	.74	.80	.76	.72	.77	.74	.70	.68
3.0	.78	.70	.63	.77	.69	.63	.74	.67	.61	.71	.65	.60	.68	.63	.59	.57
4.0	.69	.60	.53	.68	.59	.53	.65	.58	.52	.63	.56	.51	.61	.55	.51	.48
5.0	.62	.53	.46	.61	.52	.46	.58	.51	.45	.56	.50	.44	.54	.49	.44	.42
6.0	.56	.46	.40	.55	.46	.40	.53	.45	.39	.51	.44	.39	.49	.43	.38	.36
7.0	.50	.41	.35	.49	.41	.35	.48	.40	.35	.46	.39	.34	.45	.39	.34	.32
8.0	.46	.37	.31	.45	.37	.31	.44	.36	.31	.42	.36	.31	.41	.35	.30	.29
9.0	.42	.34	.28	.41	.33	.28	.40	.33	.28	.39	.32	.28	.38	.32	.27	.26
10.0	.39	.31	.25	.38	.31	.25	.37	.30	.25	.36	.30	.25	.35	.29	.25	.23

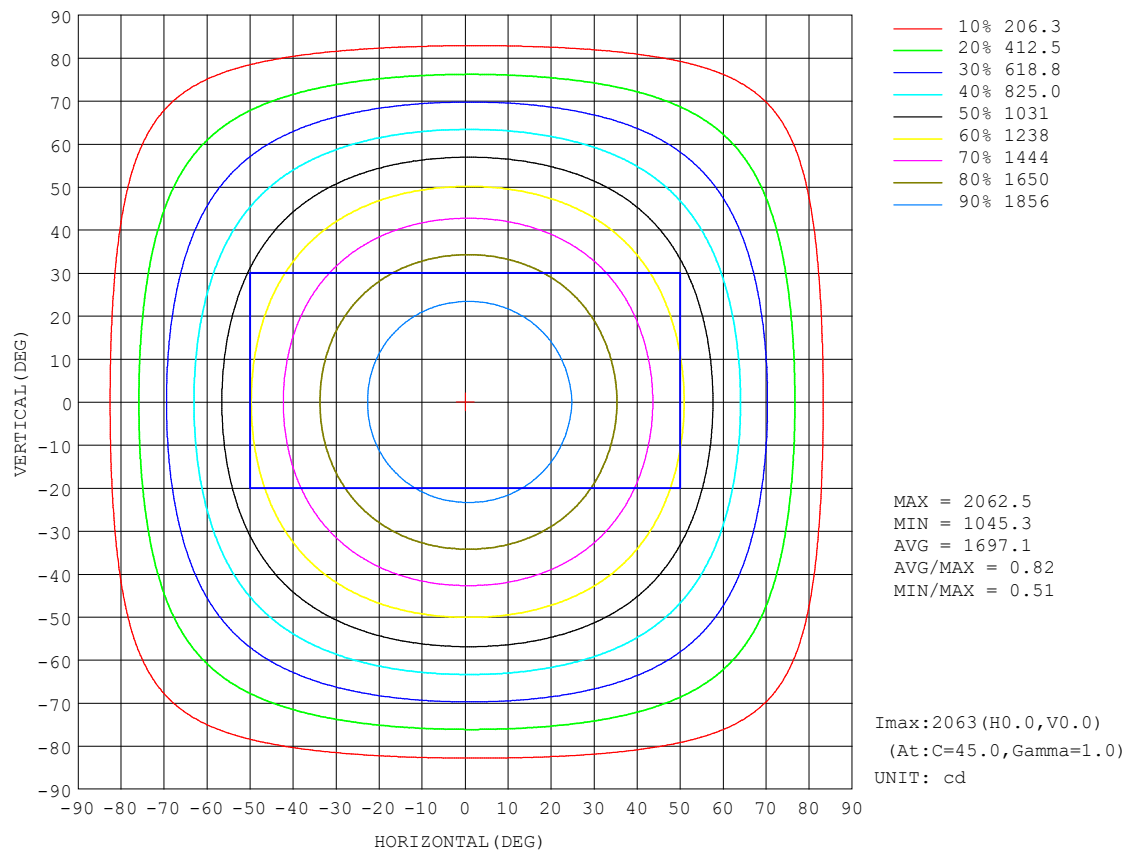


C Range: 0 - 180DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LEON
Test Date: 2026-05-22

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
Humidity: 65.0%
Test Distance: 10.500m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:232.07V I:0.1925A P:43.093W PF:0.9645 Freq:50.00Hz Lamp Flux:6099.45x1 lm		
NAME: LED灯具	TYPE:	WEIGHT:
SPEC.:	DIM.: 583*24MM	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

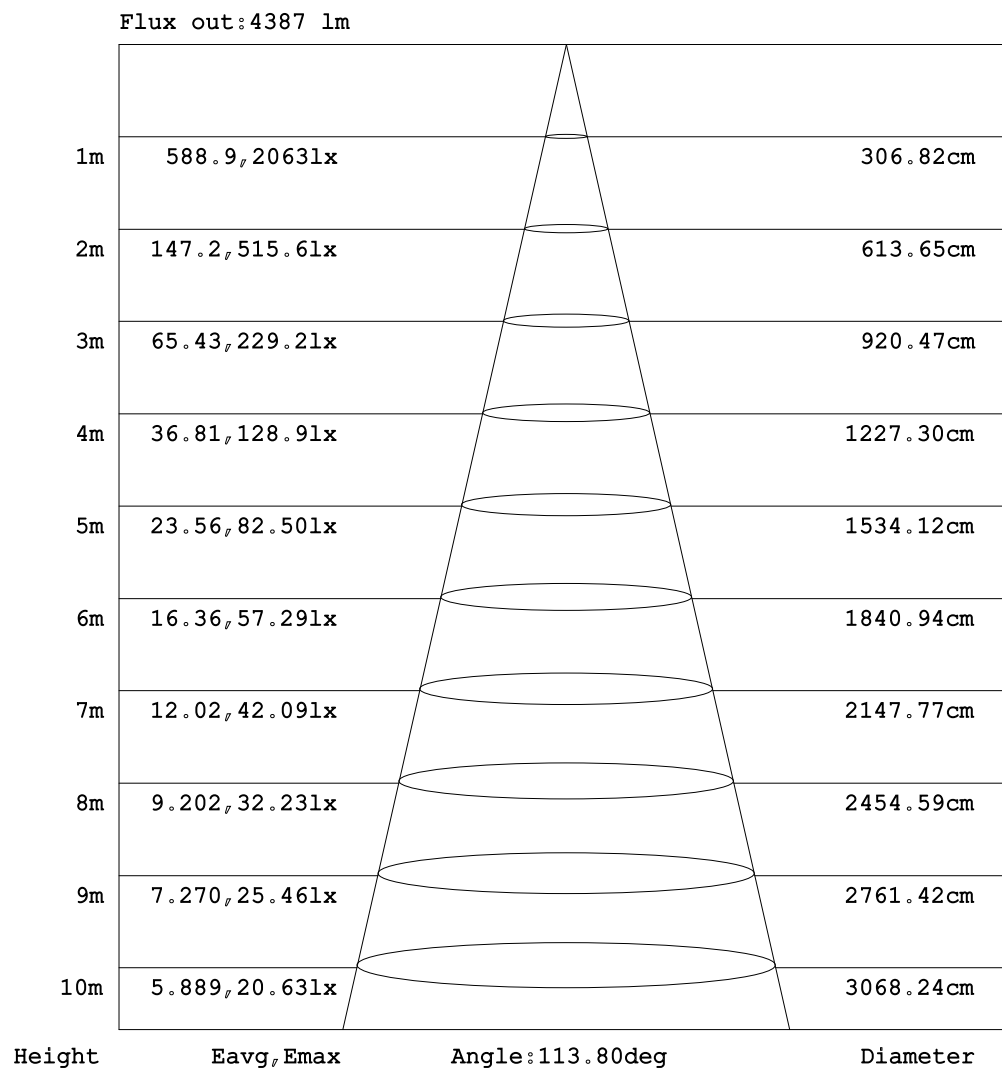


C Range: 0 - 180DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LEON
Test Date:2026-05-22

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
Humidity:65.0%
Test Distance:10.500m [K=1.0000]
Remarks:

AAI Figure

Test:U:232.07V I:0.1925A P:43.093W PF:0.9645 Freq:50.00Hz Lamp Flux:6099.45x1 lm		
NAME: LED灯具	TYPE:	WEIGHT:
SPEC.:	DIM.: 583*24MM	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



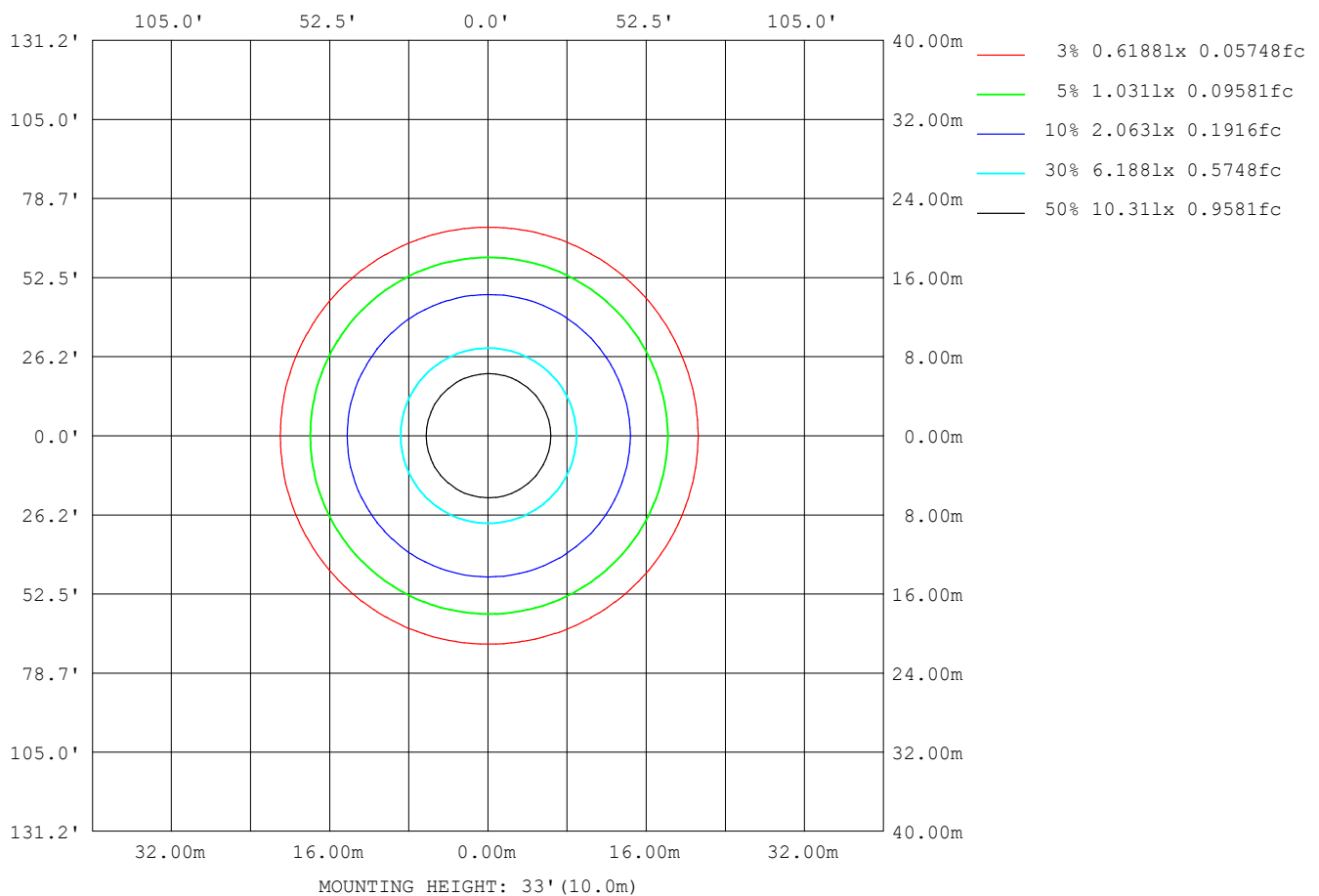
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 180DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LEON
 Test Date:2026-05-22

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
 Humidity:65.0%
 Test Distance:10.500m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

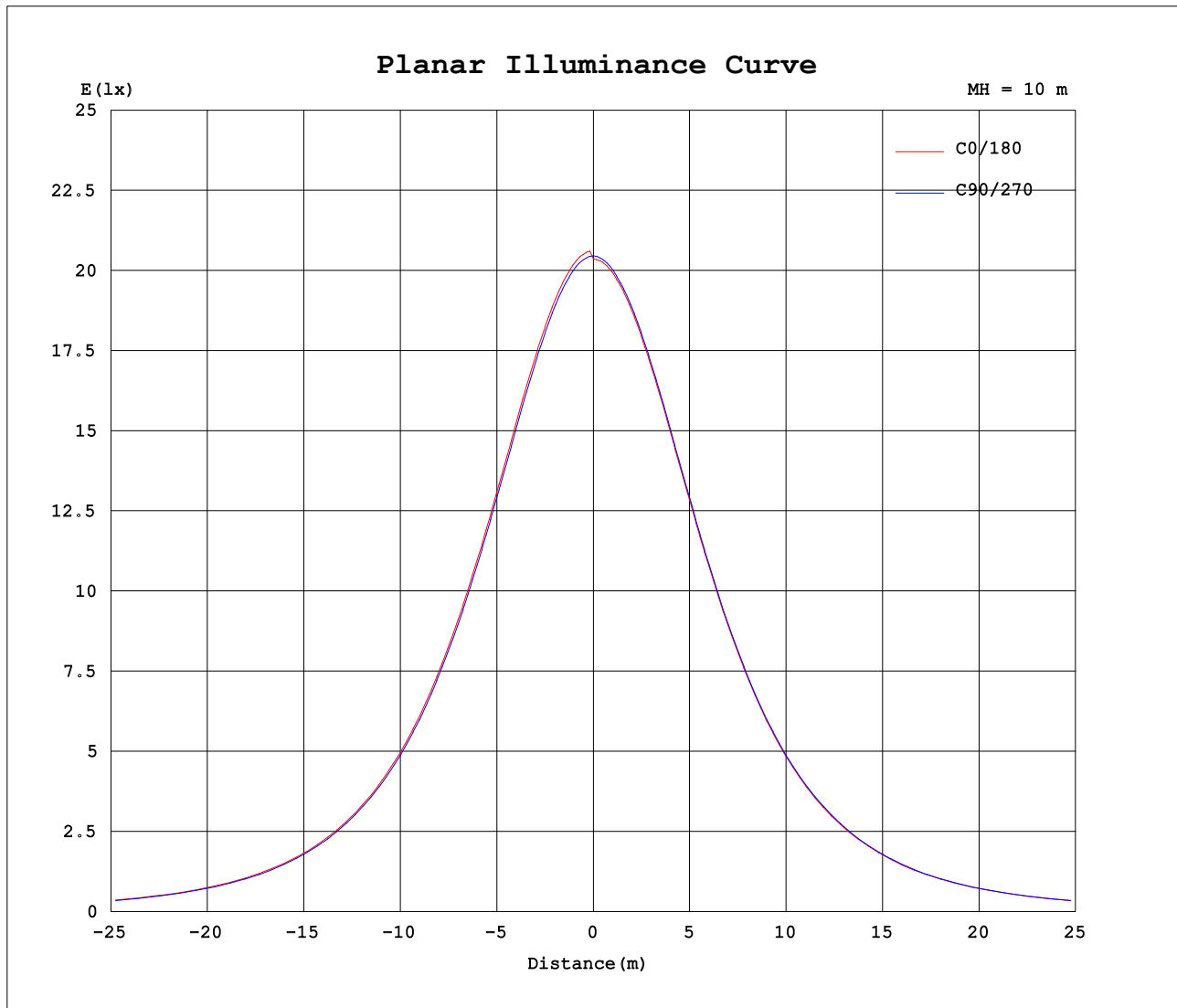
Test:U:232.07V I:0.1925A P:43.093W PF:0.9645 Freq:50.00Hz Lamp Flux:6099.45x1 lm		
NAME: LED灯具	TYPE:	WEIGHT:
SPEC.:	DIM.: 583*24MM	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 180DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LEON
Test Date: 2026-05-22

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
Humidity: 65.0%
Test Distance: 10.500m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 180DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LEON
Test Date: 2026-05-22

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
Humidity: 65.0%
Test Distance: 10.500m [K=1.0000]
Remarks: