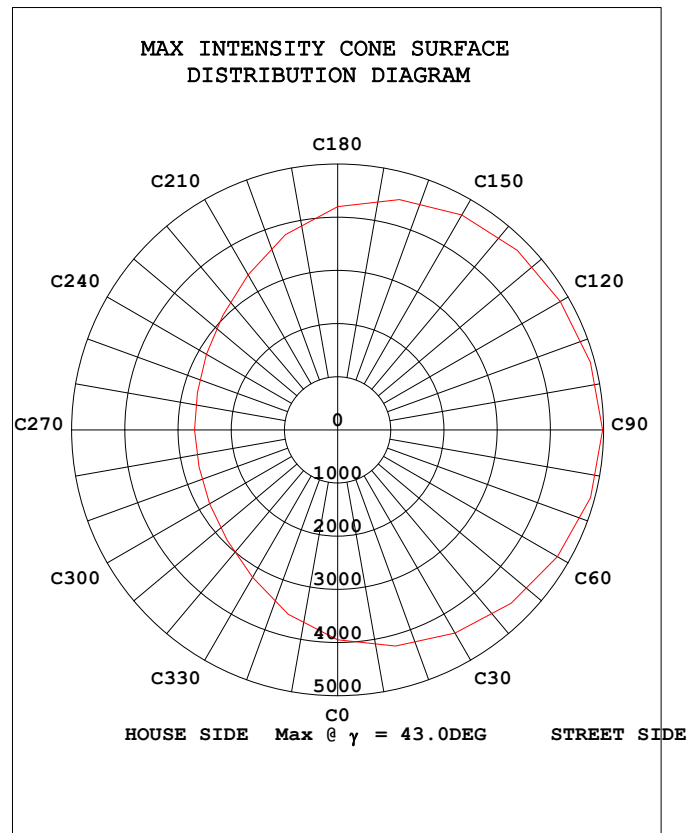
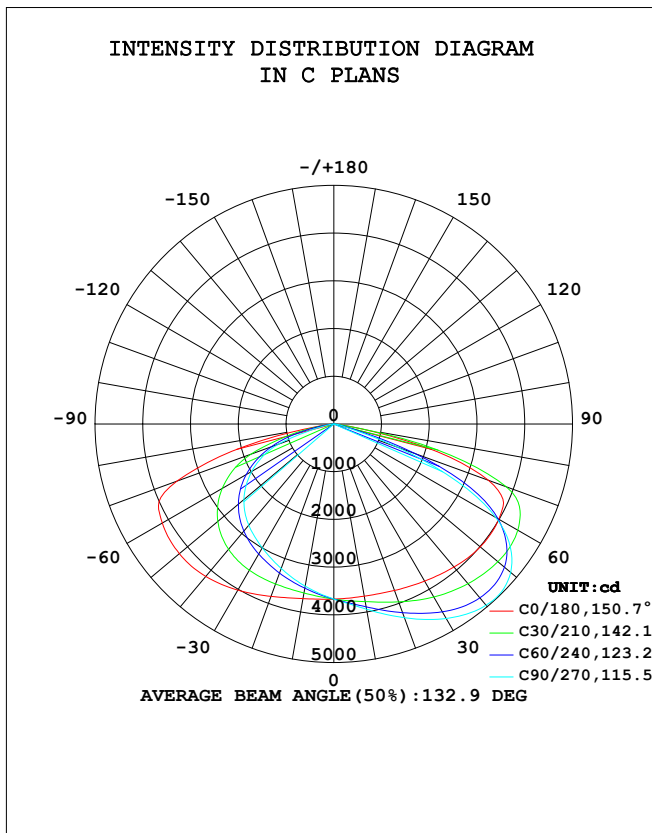


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:229.4V I:0.4310A P:96.80W PF:0.9790 Lamp Flux:16300.1x1 lm		
NAME: SL 100 STD LM 50 50 8 T3M	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 168.39 lm/W			
MODEL	SL 100 STD LM 50 50 8 T3M	Imax(cd)	4980	η street_up(%)	0.0
NOMINAL POWER(W)	96.8	LOR(%)	100.0	η street_down(%)	59.3
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	16300	η house_up(%)	0.0
NOMINAL FLUX(lm)	16300.1	MAXIMUM @ (C, γ)	90,43.0	η house_down(%)	40.7
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	
TEST VOLTAGE(V)	229.3	η down(%)	100.0	SLI	



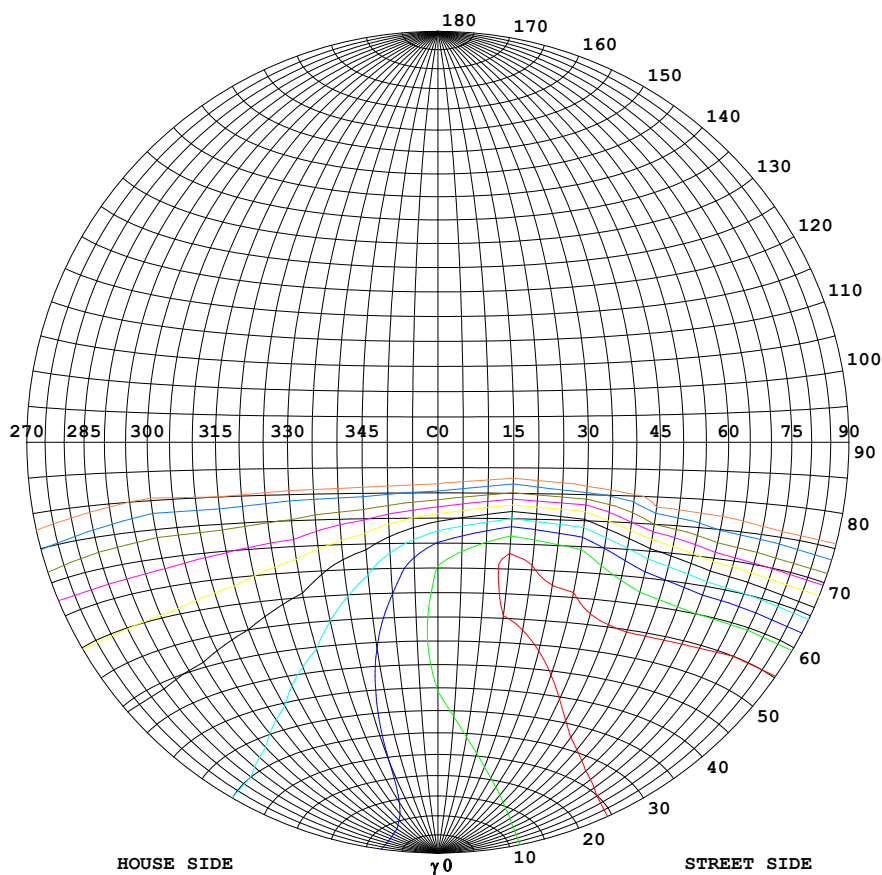
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2025-06-14

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.265
 Humidity:65.0%
 Test Distance:16.500m [K=1.0000]
 Remarks:

Note: SLI:Specific Luminaire Index

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:229.4V I:0.4310A P:96.80W PF:0.9790 Lamp Flux:16300.1x1 lm		
NAME: SL 100 STD LM 50 50 8 T3M	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



Classification:

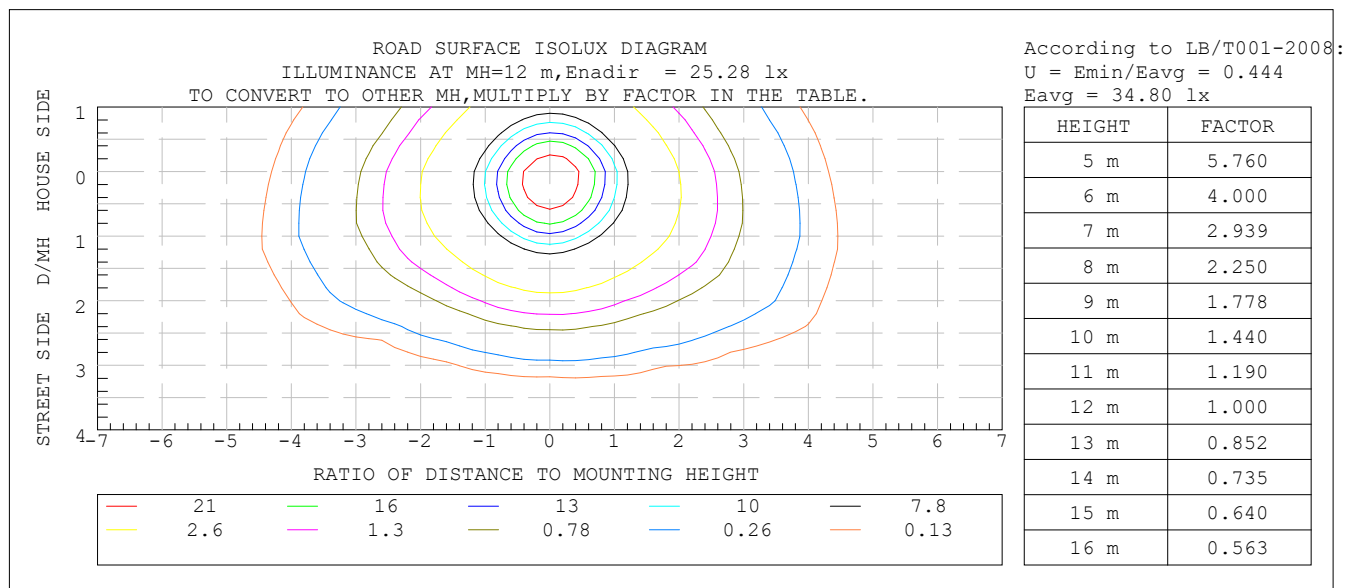
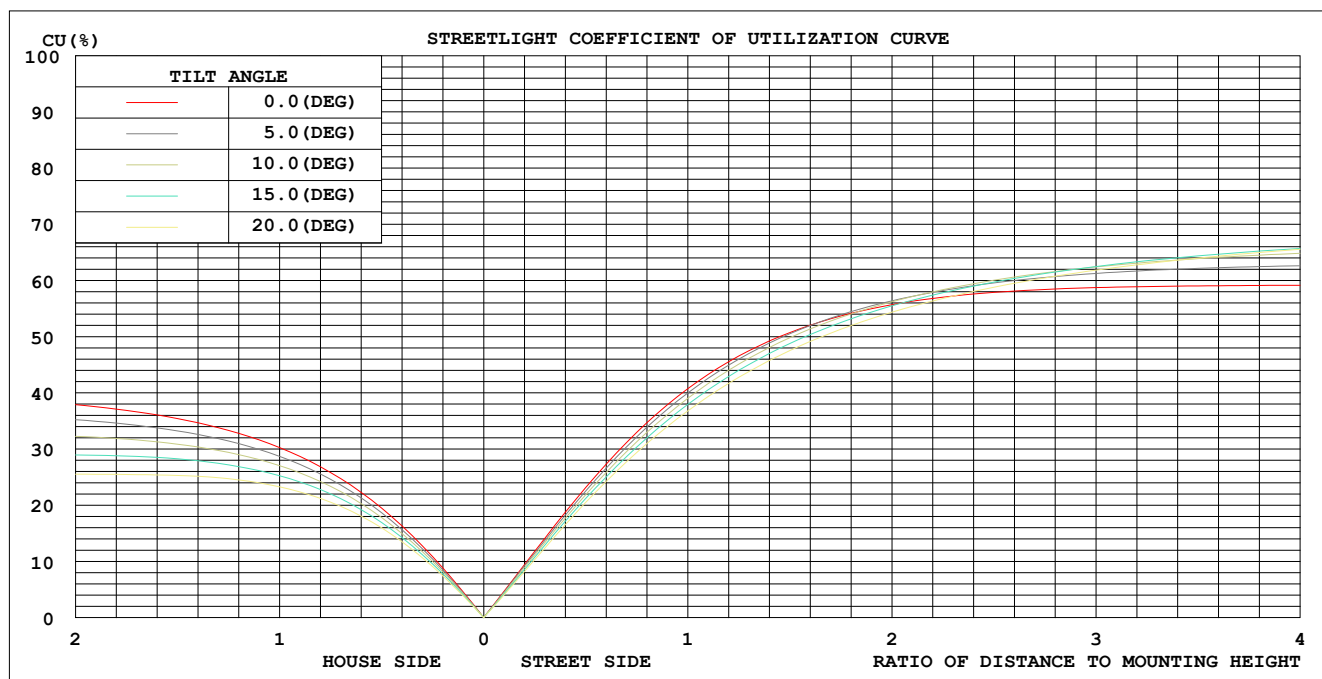
IES:Type III - Very Short
 CIE:Average - Short
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:71.52cd/klm
 Max.At90:1.025cd/klm
 Max.80-90:71.52cd/klm
 NRB 5101:Semi limited[16.3%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	4980
90%	4482
80%	3984
70%	3486
60%	2988
50%	2490
40%	1992
30%	1494
20%	996
10%	498
5%	249

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2025-06-14

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.265
 Humidity:65.0%
 Test Distance:16.500m [K=1.0000]
 Remarks:

COEFFICIENT OF UTILIZATION CURVE AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2025-06-14

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.265
 Humidity: 65.0%
 Test Distance: 16.500m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

Test:U:229.4V I:0.4310A P:96.80W PF:0.9790 Lamp Flux:16300.1x1 lm		
NAME: SL 100 STD LM 50 50 8 T3M	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

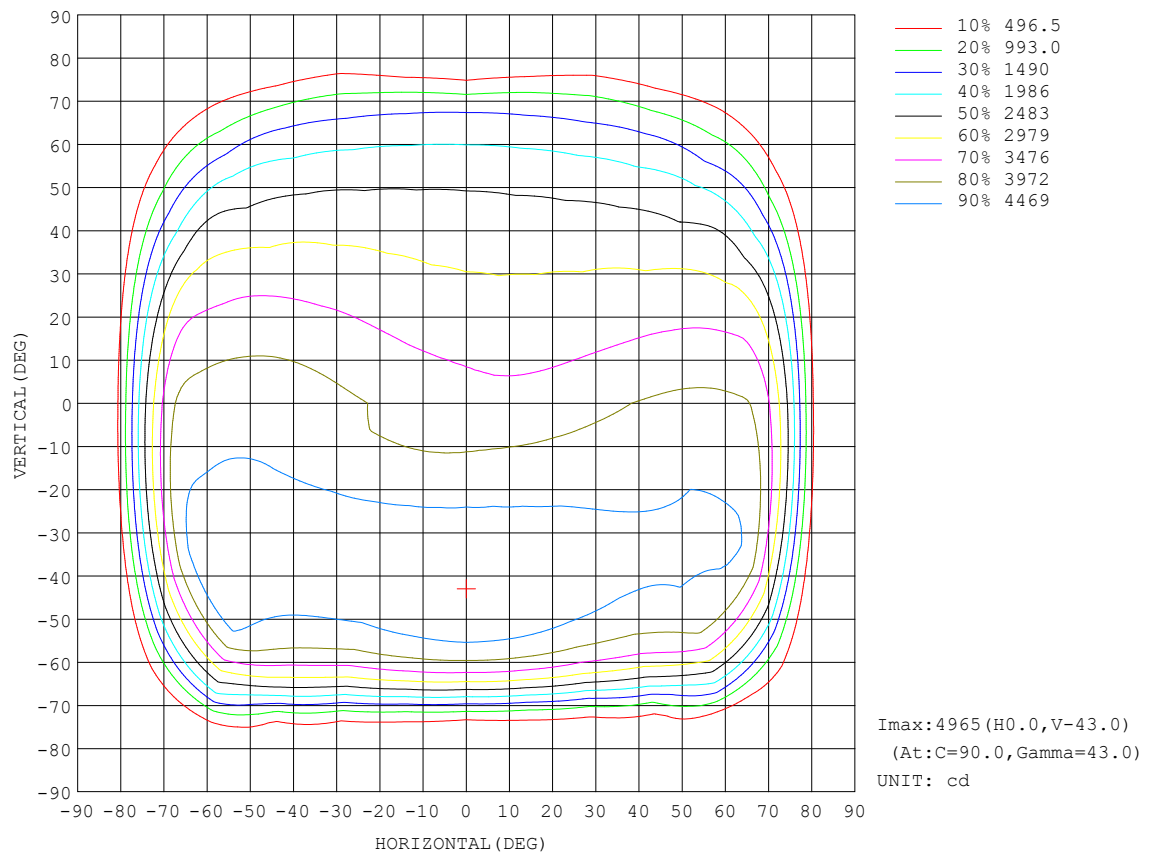
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	3664	3840	3940	3873	3716	3540	3451	3506	0- 10	351.2	351.2	2.15,2.15
20	3712	4097	4320	4181	3844	3434	3223	3360	10- 20	1058	1409	8.64,8.64
30	3802	4382	4706	4505	4020	3306	2998	3202	20- 30	1769	3178	19.5,19.5
40	3914	4586	4959	4738	4170	3125	2771	3010	30- 40	2446	5624	34.5,34.5
50	4005	4576	4836	4776	4224	2831	2459	2722	40- 50	2995	8619	52.9,52.9
60	3989	4143	3921	4448	4150	2338	1984	2244	50- 60	3256	11875	72.8,72.8
70	3441	2601	1382	3156	3491	1556	1225	1484	60- 70	2937	14811	90.9,90.9
80	569.3	157.0	124.8	202.4	657.6	292.6	111.9	252.5	70- 80	1388	16199	99.4,99.4
90	16.06	8.479	7.101	8.598	15.12	13.56	9.900	15.29	80- 90	100.8	16300	100,100
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		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2025-06-14

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.265
 Humidity:65.0%
 Test Distance:16.500m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

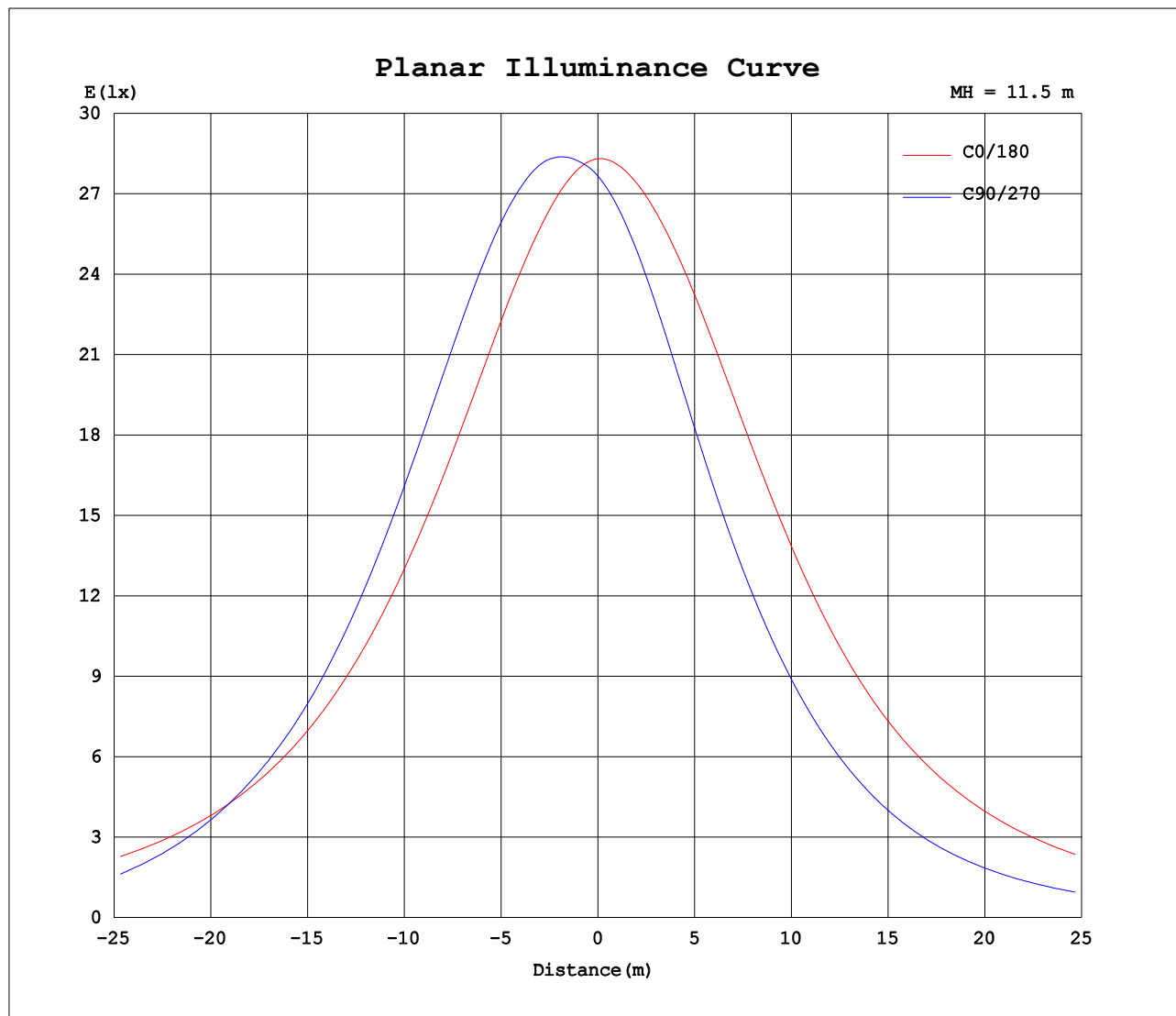
Test:U:229.4V I:0.4310A P:96.80W PF:0.9790 Lamp Flux:16300.1x1 lm		
NAME: SL 100 STD LM 50 50 8 T3M	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2025-06-14

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:16.500m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2025-06-14

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.265
Humidity: 65.0%
Test Distance: 16.500m [K=1.0000]
Remarks:

```

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:16.500m [K=1.0000]
Remarks:

```

Test:U:229.4V I:0.4310A P:96.80W PF:0.9790 Lamp Flux:16300.1x1 lm		
NAME: SL 100 STD LM 50 50 8 T3M	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

UNIT: cd

[illegible]

```

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:16.500m [K=1.0000]
Remarks:

```