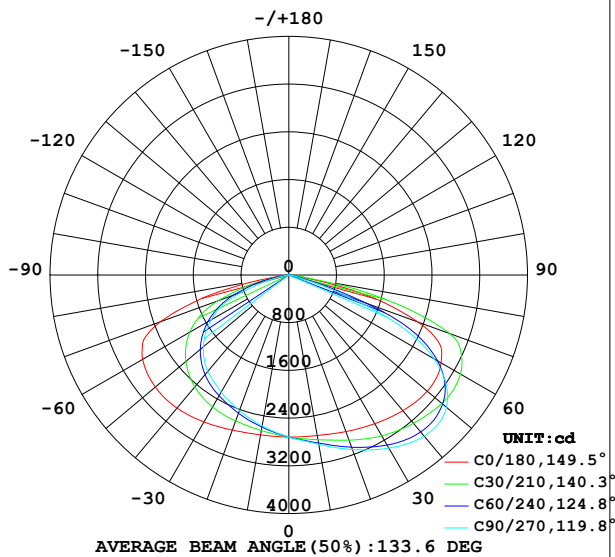
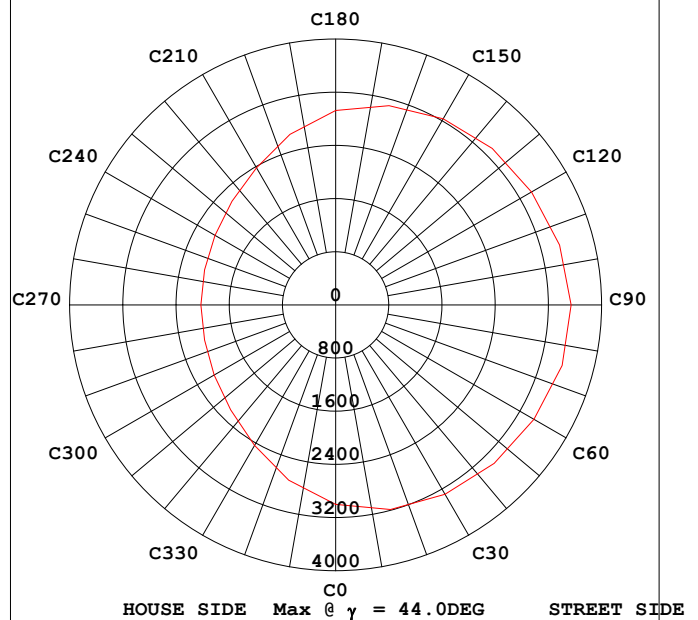


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:229.4V I:0.3190A P:72.20W PF:0.9840 Lamp Flux:11809.6x1 lm		
NAME:SL 075 STD LM 50 50 8 T3M	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 163.57 lm/W			
MODEL	SL 075 STD LM 50 50 8 T3M	Imax(cd)	3541	η street_up(%)	0.0
NOMINAL POWER(W)	72.2	LOR(%)	100.0	η street_down(%)	58.8
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	11810	η house_up(%)	0.0
NOMINAL FLUX(lm)	11809.6	MAXIMUM @ (C, γ)	90,44.0	η house_down(%)	41.2
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	
TEST VOLTAGE(V)	229.4	η down(%)	100.0	SLI	

INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

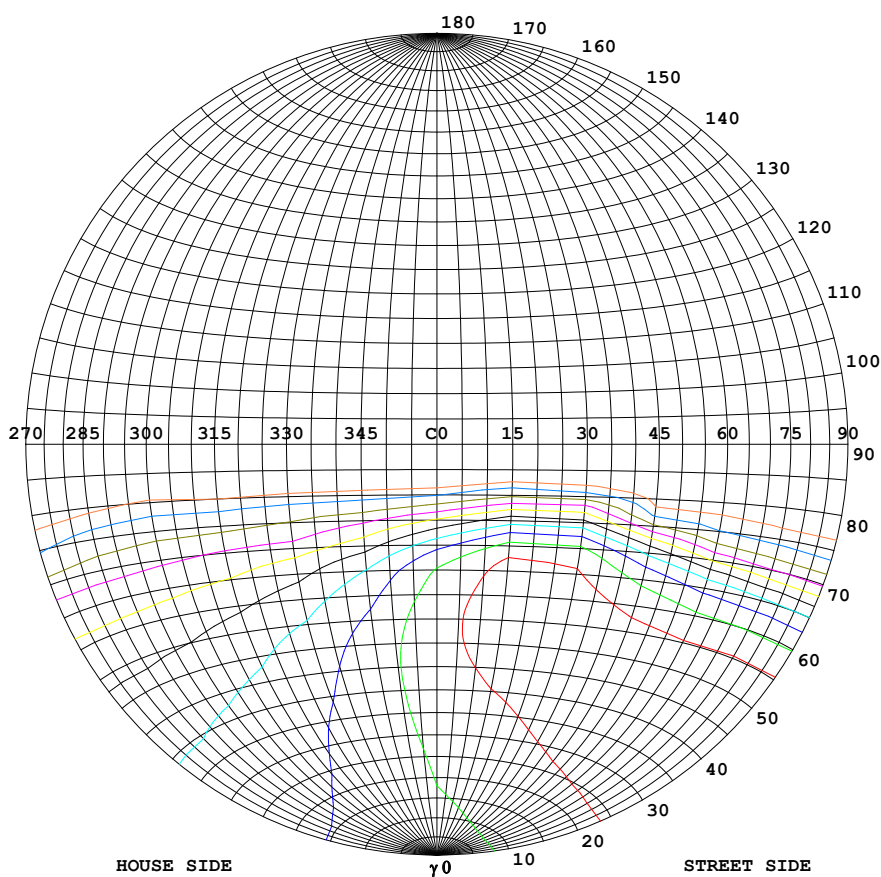
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2025-06-14

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:

Note: SLI:Specific Luminaire Index

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:229.4V I:0.3190A P:72.20W PF:0.9840 Lamp Flux:11809.6x1 lm		
NAME: SL 075 STD LM 50 50 8 T3M	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



Classification:

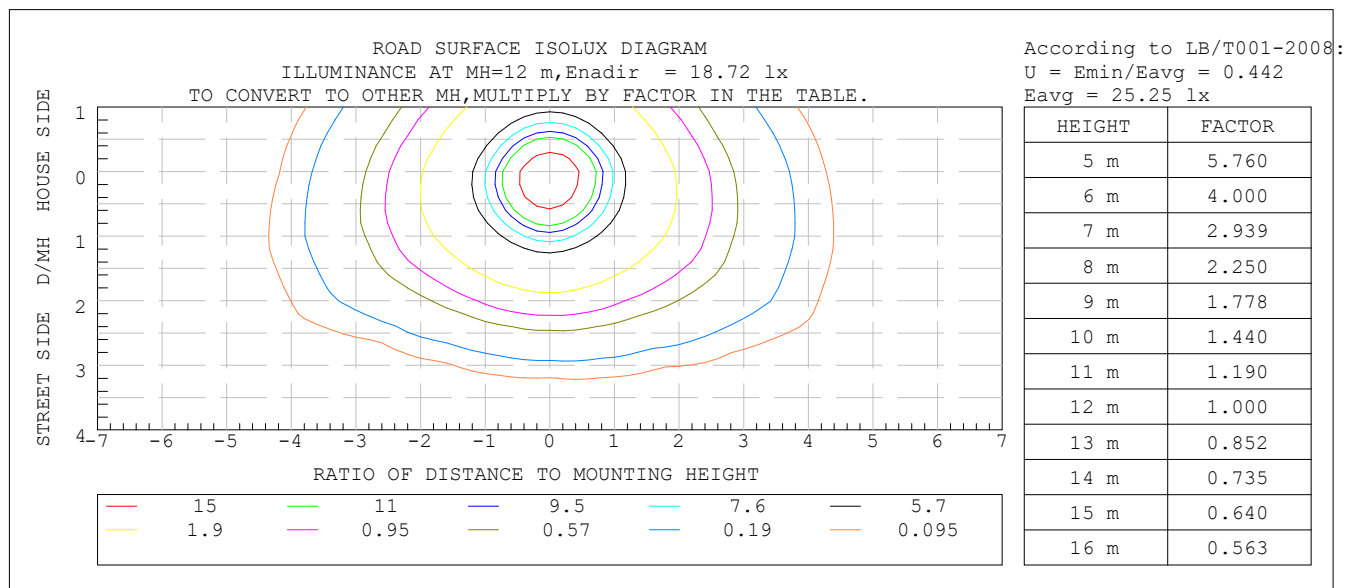
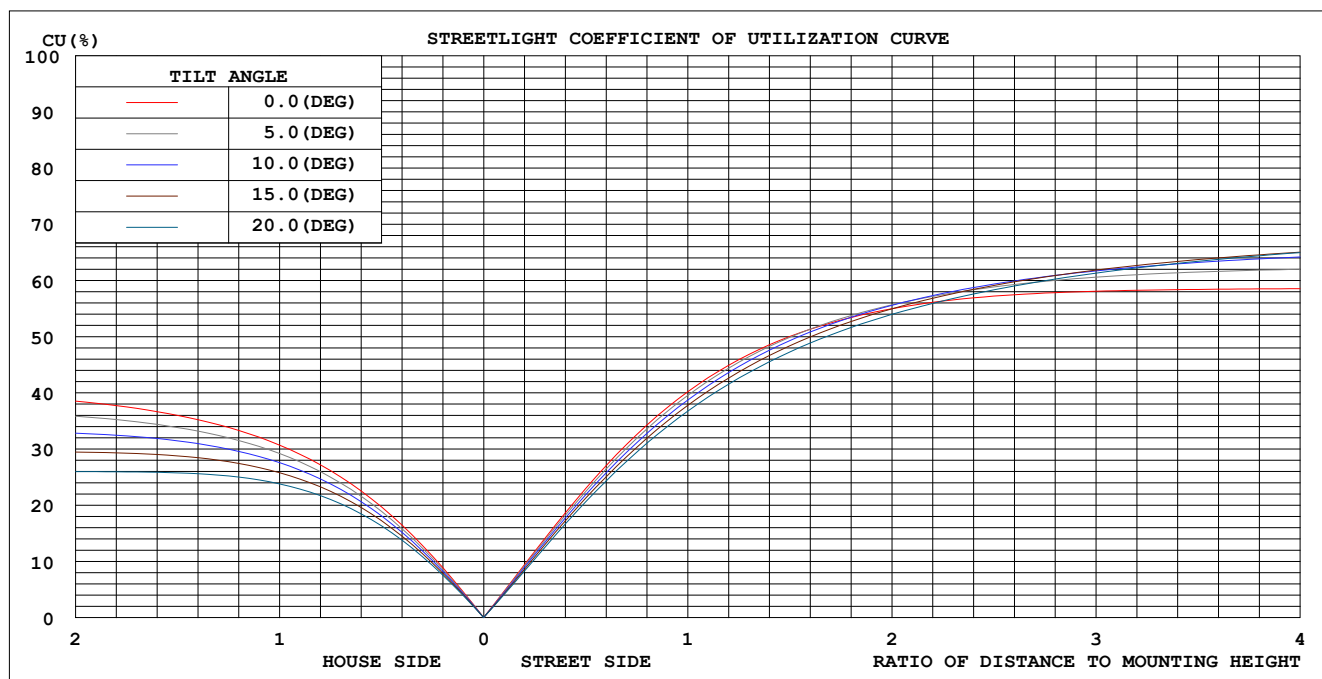
IES:Type III - Very Short
 CIE:Average - Short
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:74.62cd/klm
 Max.At90:0.9632cd/klm
 Max.80-90:74.62cd/klm
 NRB 5101:Semi limited[15.0%]

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	3541
90%	3187
80%	2833
70%	2479
60%	2125
50%	1771
40%	1417
30%	1062
20%	708
10%	354
5%	177

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:0.3190A P:72.20W PF:0.9840 Lamp Flux:11809.6x1 lm		
NAME: SL 075 STD LM 50 50 8 T3M	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

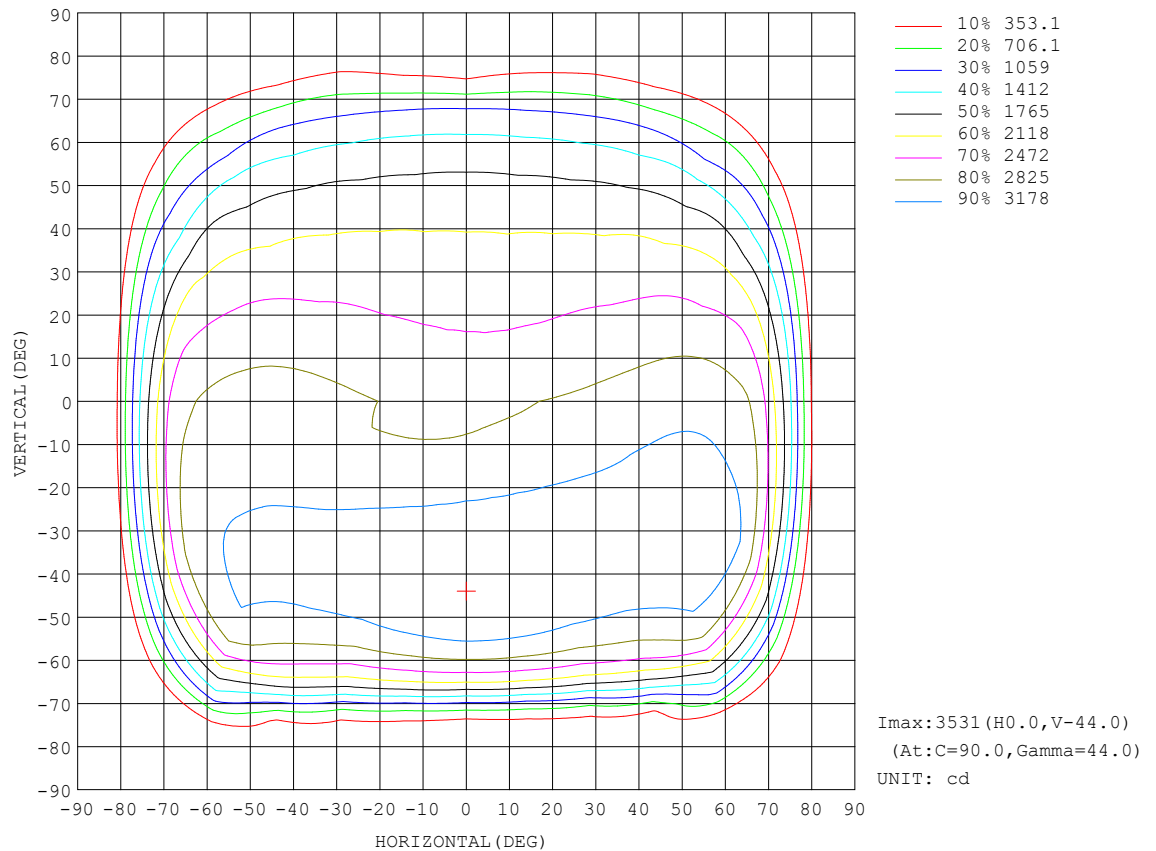
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	2732	2835	2880	2823	2722	2614	2570	2622	0- 10	259.6	259.6	2.2,2.2
20	2794	3018	3113	2986	2767	2527	2418	2544	10- 20	778.8	1038	8.79,8.79
30	2878	3215	3350	3165	2845	2424	2266	2447	20- 30	1296	2334	19.8,19.8
40	2969	3353	3526	3301	2914	2285	2111	2310	30- 40	1783	4117	34.9,34.9
50	3028	3347	3448	3330	2920	2059	1868	2098	40- 50	2177	6294	53.3,53.3
60	2945	3064	2814	3119	2827	1691	1498	1734	50- 60	2361	8655	73.3,73.3
70	2302	2030	1017	2295	2289	1102	836.1	1111	60- 70	2111	10766	91.2,91.2
80	327.4	125.5	98.71	156.6	492.5	204.3	89.11	177.1	70- 80	968.5	11734	99.4,99.4
90	11.10	6.237	5.662	6.386	10.72	9.800	7.061	10.55	80- 90	75.21	11810	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

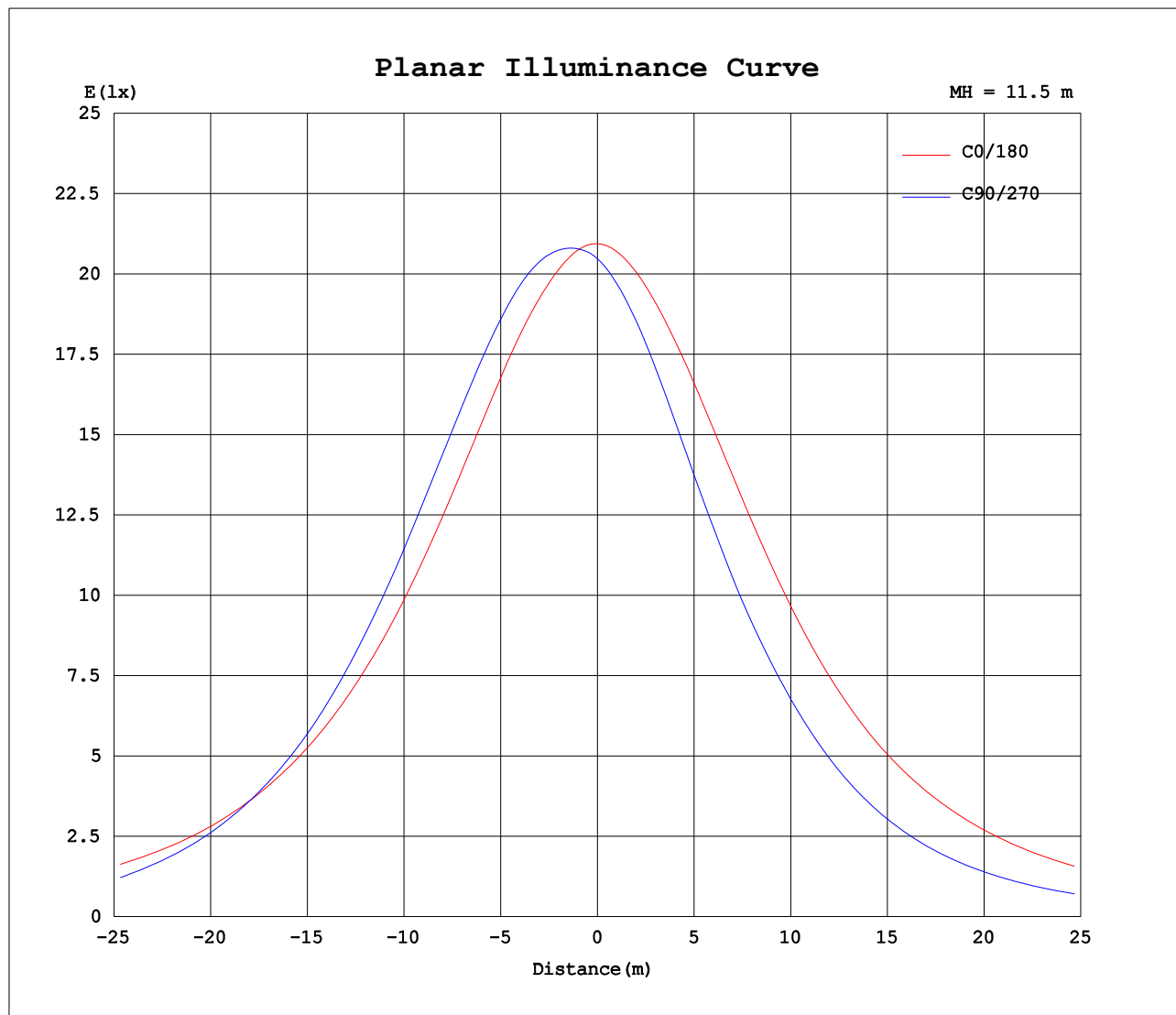
Test:U:229.4V I:0.3190A P:72.20W PF:0.9840 Lamp Flux:11809.6x1 lm		
NAME: SL 075 STD LM 50 50 8 T3M	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



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:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:229.4V I:0.3190A P:72.20W PF:0.9840 Lamp Flux:11809.6x1 lm		
NAME: SL 075 STD LM 50 50 8 T3M	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:190*190MM	PROTECTION ANGLE:

Table--1

UNIT: cd

[illegible]

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:

```

Test:U:229.4V I:0.3190A P:72.20W PF:0.9840 Lamp Flux:11809.6x1 lm		
NAME: SL 075 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:

```