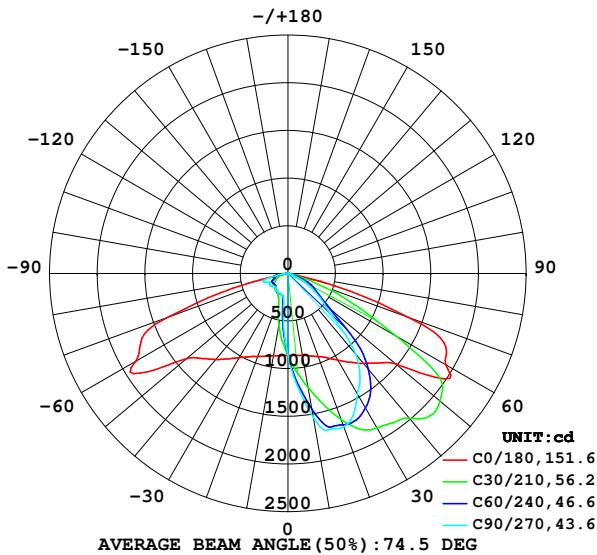
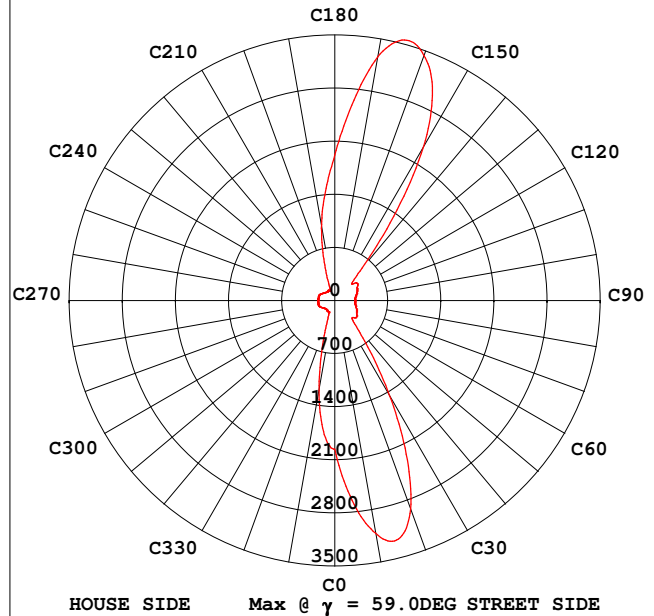


## STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:230.50V I:0.1550A P:35.091W PF:0.9820 Freq:50.01Hz Lamp Flux:3835.58x1 lm		
NAME: LYS15	TYPE:LED	WEIGHT:4.8kg
SPEC.:35W	DIM.: 330X220X68	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 109.30 lm/W			
MODEL	LYS15	I <sub>max</sub> (cd)	3439	η street_up (%)	0.0
NOMINAL POWER (W)	35W	LOR (%)	100.0	η street_down (%)	78.0
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	3836	η house_up (%)	0.0
NOMINAL FLUX (lm)	3835.58	MAXIMUM @ (C, γ )	160,59.0	η house_down (%)	22.0
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	230	η down (%)	100.0	SLI	16.828

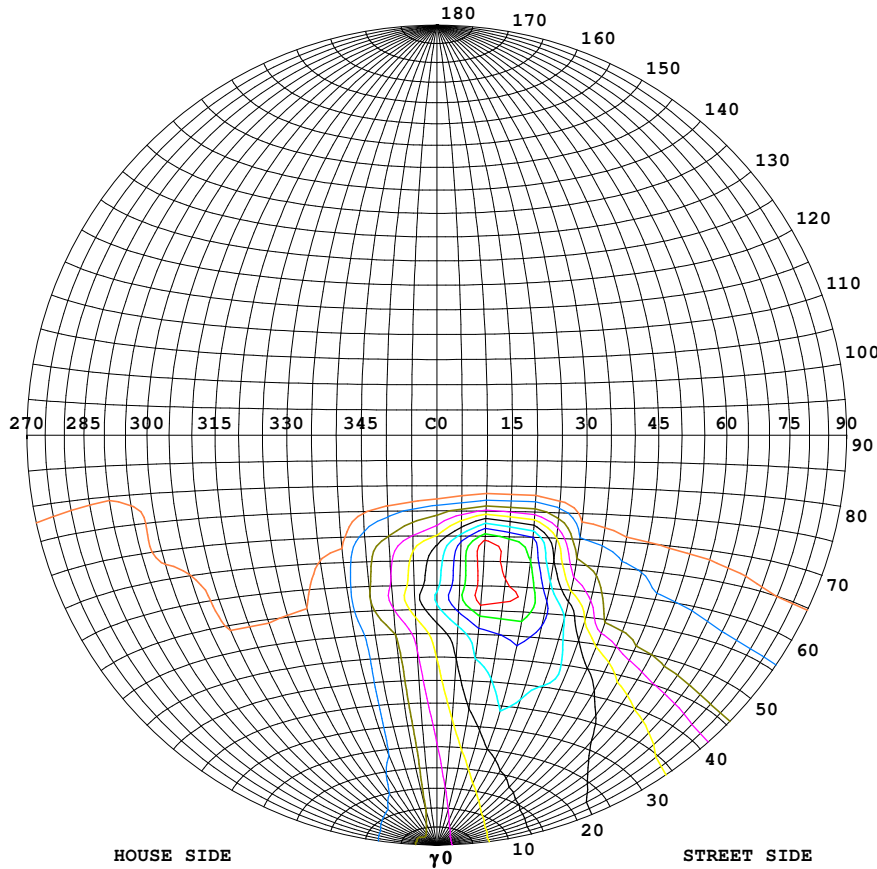
INTENSITY DISTRIBUTION DIAGRAM  
IN C PLANSMAX INTENSITY CONE SURFACE  
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature: 20DEG  
Operators: LITPA  
Test Date: 07.07.2020

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.400  
Humidity: 65.0%  
Test Distance: 7.200m [K=1.0000]  
Remarks: LYS15-35W-T2

## STREETLIGHT ISOCANDELA DIAGRAM

Test:U:230.50V I:0.1550A P:35.091W PF:0.9820 Freq:50.01Hz Lamp Flux:3835.58x1 lm		
NAME: LYS15	TYPE:LED	WEIGHT:4.8kg
SPEC.:35W	DIM.: 330X220X68	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



## Classification:

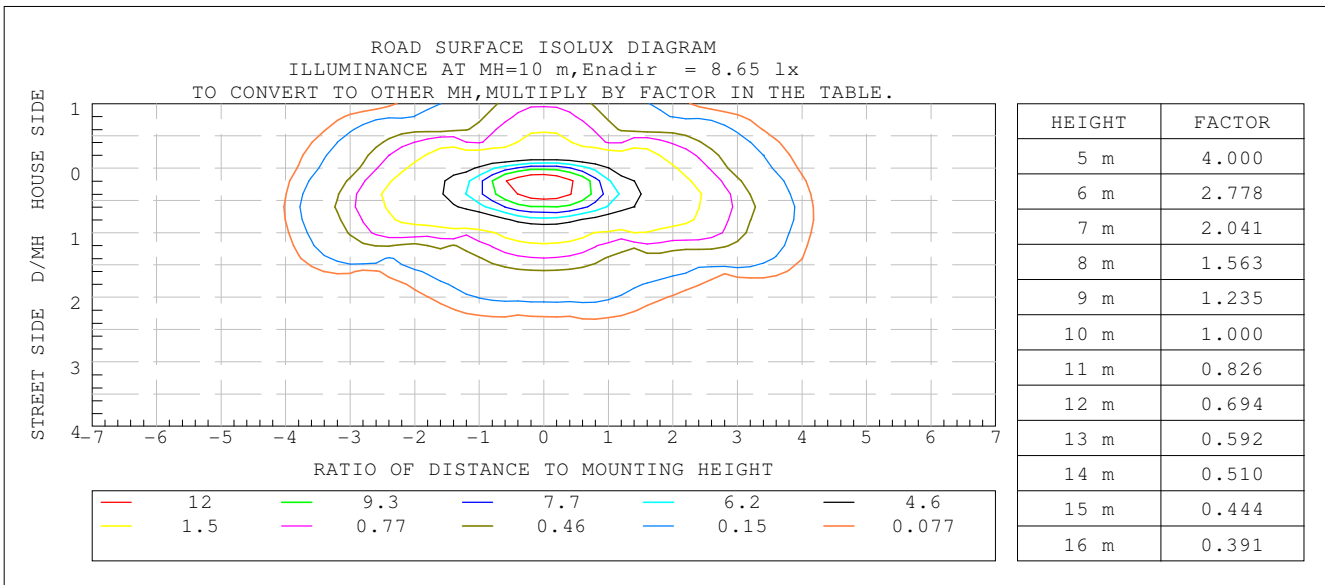
IES:Type II - Short  
 CIE:Narrow - Short  
 IES:Cut-off  
 CIE:Semi-cut-off  
 Max.At80:40.83cd/klm  
 Max.At90:0.5871cd/klm  
 Max.80-90:40.83cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I <sub>max</sub> =100%	3439
— 90%	3095
— 80%	2751
— 70%	2407
— 60%	2063
— 50%	1719
— 40%	1375
— 30%	1032
— 20%	688
— 10%	344
— 5%	172

**C Range: 0 - 360DEG**  
**C Interval: 10.0DEG**  
**Test Speed: HIGH**  
**Temperature:20DEG**  
**Operators:LITPA**  
**Test Date:07.07.2020**

**γ Range: 0 - 90DEG**  
**γ Interval: 1.0DEG**  
**Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.400**  
**Humidity:65.0%**  
**Test Distance:7.200m [K=1.0000]**  
**Remarks: LYS15-35W-T2**

## COEFFICIENT OF UTILIZATION CURVE AND ISOLUX DIAGRAM



**C Range: 0 - 360DEG**  
**C Interval: 10.0DEG**  
**Test Speed: HIGH**  
**Temperature: 20DEG**  
**Operators: LITPA**  
**Test Date: 07.07.2020**

**γ Range: 0 - 90DEG**  
**γ Interval: 1.0DEG**  
**Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.400**  
**Humidity: 65.0%**  
**Test Distance: 7.200m [K=1.0000]**  
**Remarks: LYS15-35W-T2**

## ZONAL FLUX DIAGRAM

Test:U:230.50V I:0.1550A P:35.091W PF:0.9820 Freq:50.01Hz Lamp Flux:3835.58x1 lm		
NAME: LYS15	TYPE:LED	WEIGHT:4.8kg
SPEC.:35W	DIM.: 330X220X68	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

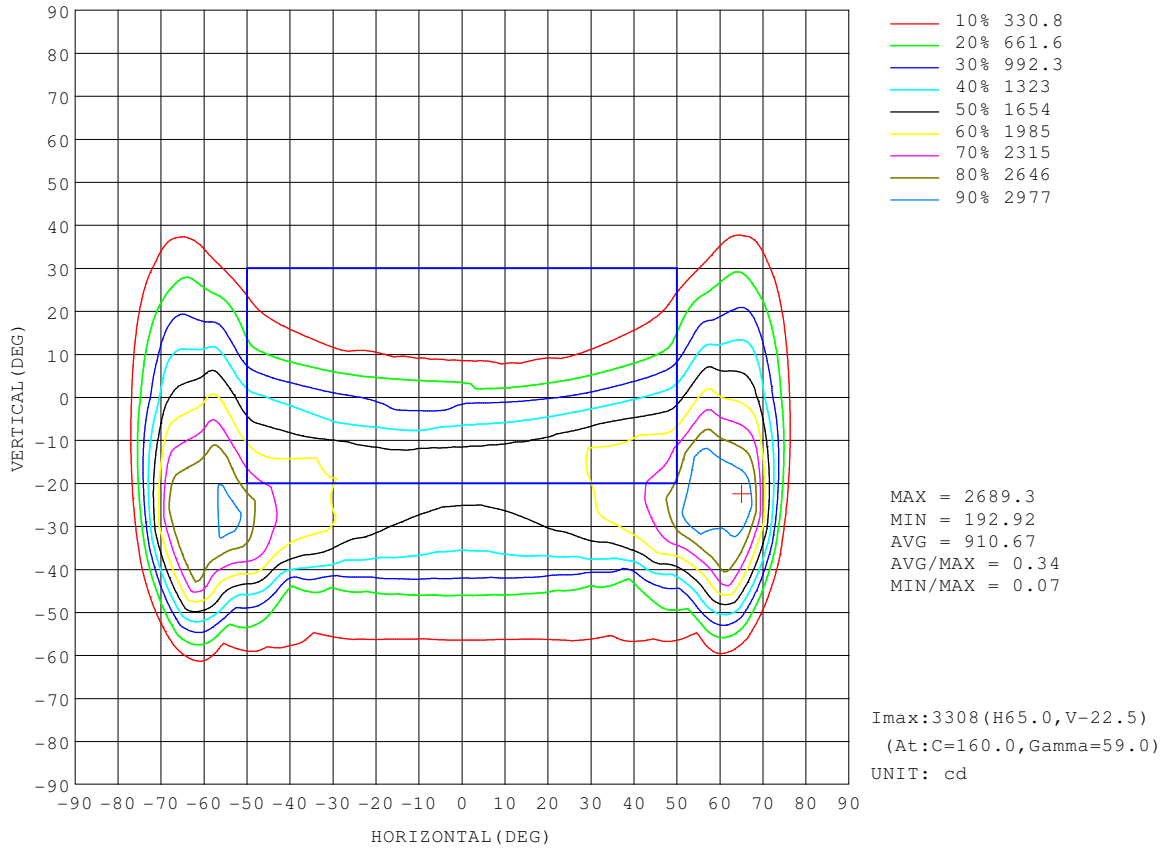
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\phi$ zone	$\phi$ total	$\phi$ lum, lamp
10	873.3	1341	1533	1363	878.6	418.4	272.1	393.3	0- 10	83.23	83.23	2.17,2.17
20	928.7	1711	1713	1823	928.4	240.0	227.2	257.4	10- 20	266.1	349.3	9.11,9.11
30	1051	1761	1462	1941	1021	224.8	223.2	239.4	20- 30	459.7	809.0	21.1,21.1
40	1233	1693	1112	1911	1179	204.3	199.8	216.1	30- 40	621.9	1431	37.3,37.3
50	1482	1018	495.5	1276	1391	178.1	206.4	187.8	40- 50	689.8	2121	55.3,55.3
60	1913	377.1	244.7	439.1	1846	158.8	222.4	167.0	50- 60	732.2	2853	74.4,74.4
70	1336	176.2	67.45	223.6	1322	129.7	267.8	135.5	60- 70	679.4	3532	92.1,92.1
80	43.39	23.93	10.41	29.56	53.19	63.62	109.5	62.83	70- 80	285.0	3817	99.5,99.5
90	1.026	0.2113	0.5981	0.2543	1.207	2.043	0.3489	1.298	80- 90	18.23	3836	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: 10.0DEG**  
**Test Speed: HIGH**  
**Temperature:20DEG**  
**Operators:LITPA**  
**Test Date:07.07.2020**

**$\gamma$  Range: 0 - 90DEG**  
 **$\gamma$  Interval: 1.0DEG**  
**Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.400**  
**Humidity:65.0%**  
**Test Distance:7.200m [K=1.0000]**  
**Remarks: LYS15-35W-T2**

## ISOCANDELA DIAGRAM

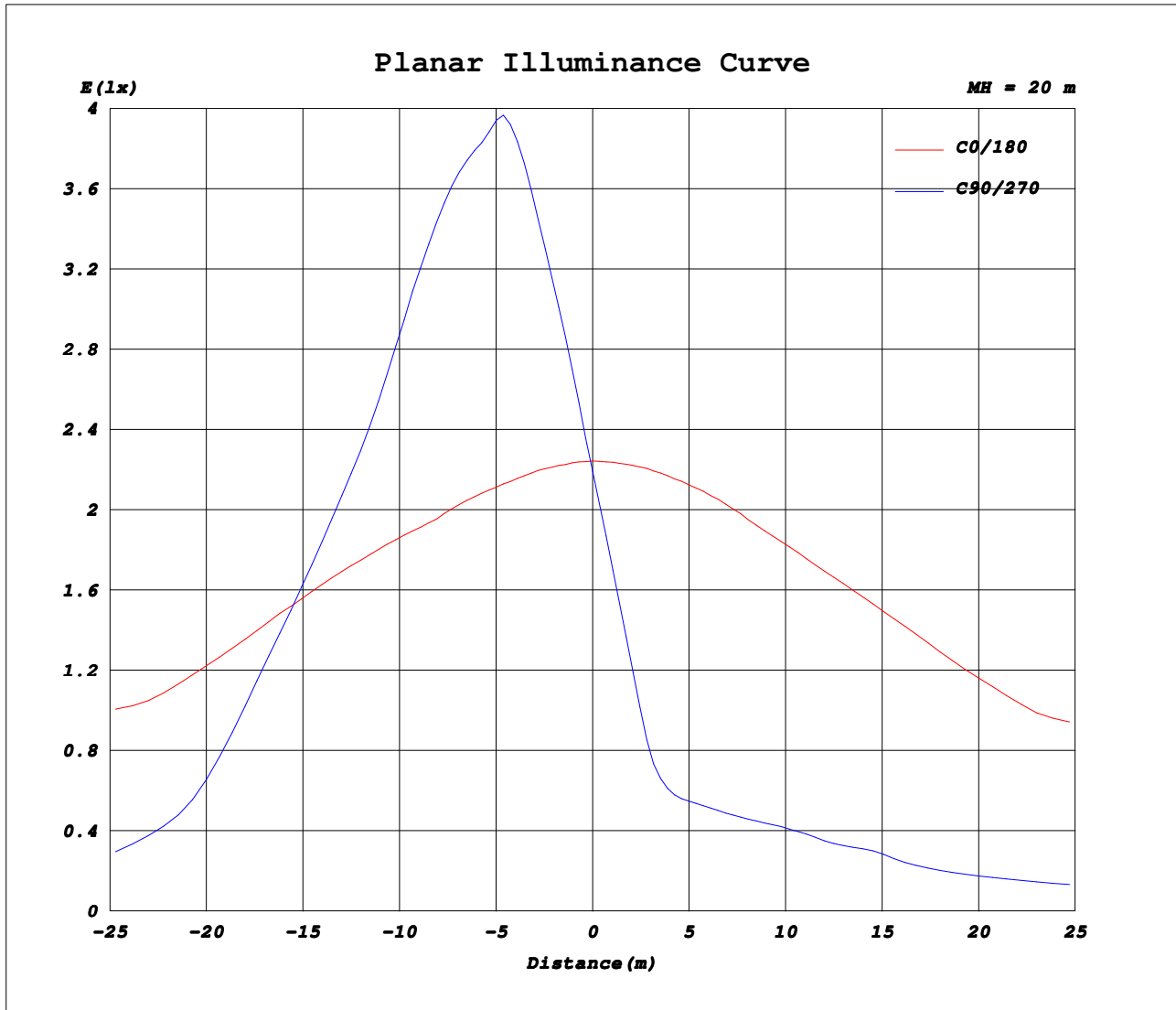
Test:U:230.50V I:0.1550A P:35.091W PF:0.9820 Freq:50.01Hz Lamp Flux:3835.58x1 lm		
NAME: LYS15	TYPE:LED	WEIGHT:4.8kg
SPEC.:35W	DIM.: 330X220X68	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



**C Range: 0 - 360DEG**  
**C Interval: 10.0DEG**  
**Test Speed: HIGH**  
**Temperature: 20DEG**  
**Operators: LITPA**  
**Test Date: 07.07.2020**

**γ Range: 0 - 90DEG**  
**γ Interval: 1.0DEG**  
**Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.400**  
**Humidity: 65.0%**  
**Test Distance: 7.200m [K=1.0000]**  
**Remarks: LYS15-35W-T2**

## Planar Illuminance Curve



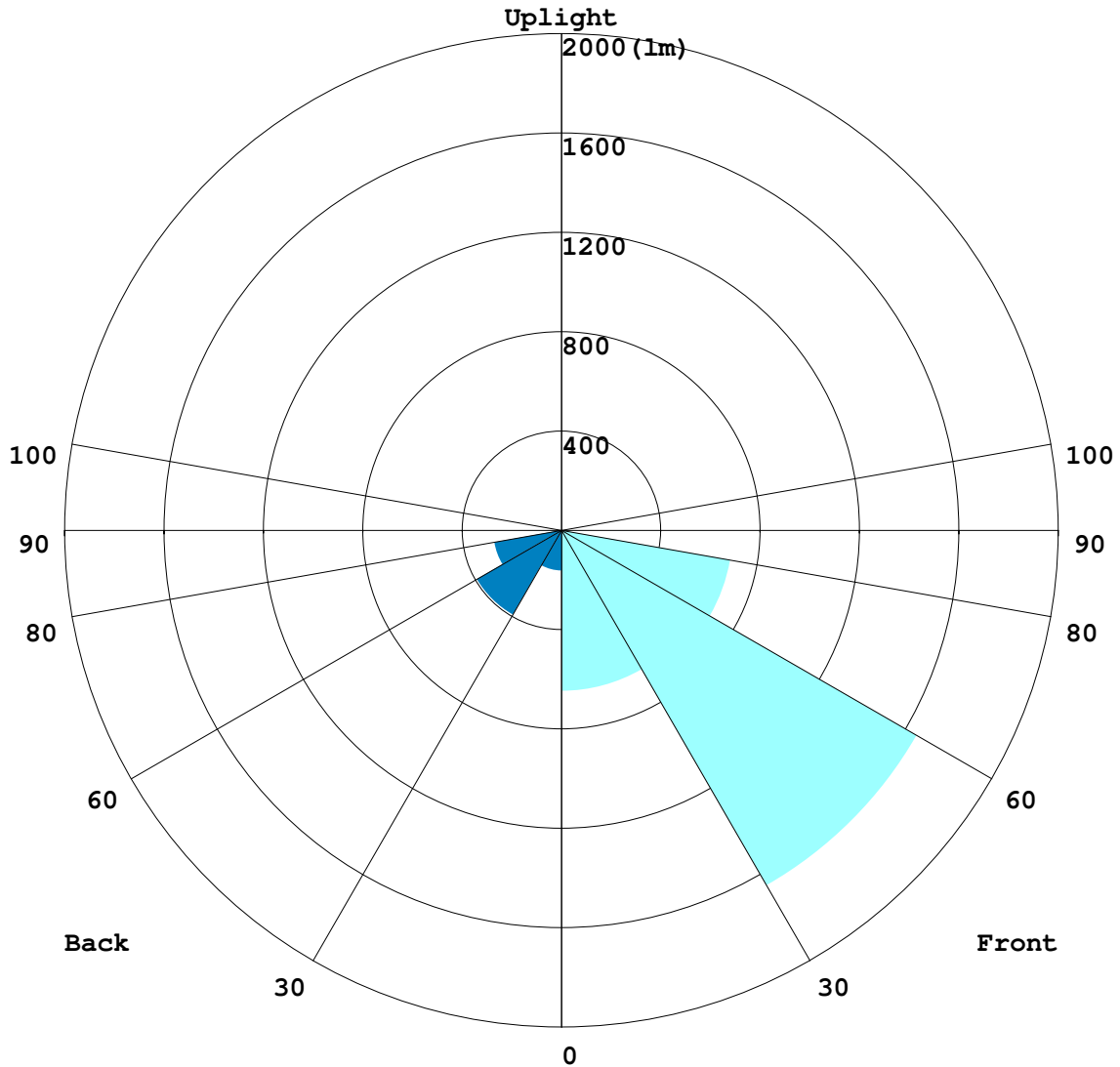
C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature: 20DEG  
Operators: LITPA  
Test Date: 07.07.2020

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.400  
Humidity: 65.0%  
Test Distance: 7.200m [K=1.0000]  
Remarks: LYS15-35W-T2

## LCS REPORT

Test:U:230.50V I:0.1550A P:35.091W PF:0.9820 Freq:50.01Hz Lamp Flux:3835.58x1 lm		
NAME: LYS15	TYPE:LED	WEIGHT:4.8kg
SPEC.:35W	DIM.: 330X220X68	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

## LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature: 20DEG  
Operators: LITPA  
Test Date: 07.07.2020

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.400  
Humidity: 65.0%  
Test Distance: 7.200m [K=1.0000]  
Remarks: LYS15-35W-T2

## BUG REPORT

Test:U:230.50V I:0.1550A P:35.091W PF:0.9820 Freq:50.01Hz Lamp Flux:3835.58x1 Lm		
NAME: LYS15	TYPE:LED	WEIGHT:4.8kg
SPEC.:35W	DIM.: 330X220X68	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

## IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	646.71	16.9
FM - Front-Medium(30-60)	1651.7	43.1
FH - Front-High(60-80)	690.52	18.0
FVH - Front-Very High(80-90)	3.7064	0.1
Total Forward Light	2992.6	78.0

BL - Back-Low(0-30)	162.28	4.2
BM - Back-Medium(30-60)	392.29	10.2
BH - Back-High(60-80)	273.89	7.1
BVH - Back-Very High(80-90)	14.528	0.4
Total Back Light	842.99	22.0

UL - Uplight-Low(90-100)	0	0.0
UH - Uplight-High(100-180)	0	0.0
Total Up Light	0	0.0

BUG (Back, Up, Glare) Rating	B1-U0-G1
------------------------------	----------

Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	842.99	0	842.99
Street Side	2992.6	0	2992.6

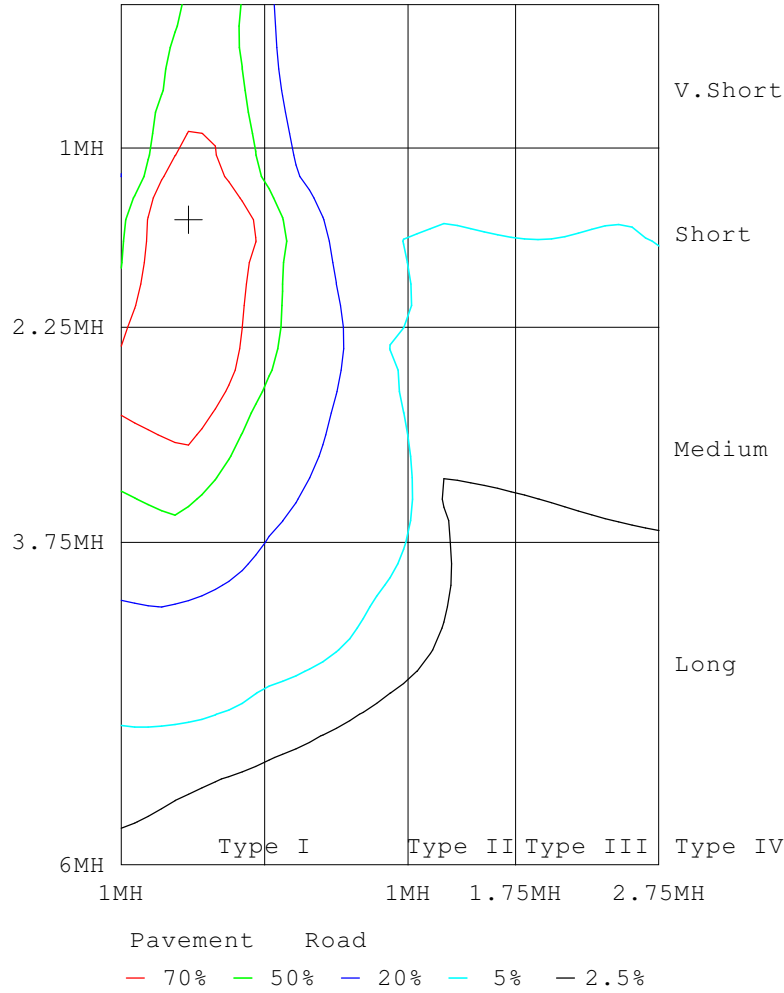
**C Range: 0 - 360DEG**  
**C Interval: 10.0DEG**  
**Test Speed: HIGH**  
**Temperature: 20DEG**  
**Operators: LITPA**  
**Test Date: 07.07.2020**

**$\gamma$  Range: 0 - 90DEG**  
 **$\gamma$  Interval: 1.0DEG**  
**Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.400**  
**Humidity: 65.0%**  
**Test Distance: 7.200m [K=1.0000]**  
**Remarks: LYS15-35W-T2**

## ROAD ISOCANDELA REPORT

Test:U:230.50V I:0.1550A P:35.091W PF:0.9820 Freq:50.01Hz Lamp Flux:3835.58x1 lm		
NAME: LYS15	TYPE:LED	WEIGHT:4.8kg
SPEC.:35W	DIM.: 330X220X68	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

## ROAD SURFACE ISOCANDELA DIAGRAM



**C Range: 0 - 360DEG**  
**C Interval: 10.0DEG**  
**Test Speed: HIGH**  
**Temperature: 20DEG**  
**Operators: LITPA**  
**Test Date: 07.07.2020**

**$\gamma$  Range: 0 - 90DEG**  
 **$\gamma$  Interval: 1.0DEG**  
**Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.400**  
**Humidity: 65.0%**  
**Test Distance: 7.200m [K=1.0000]**  
**Remarks: LYS15-35W-T2**



