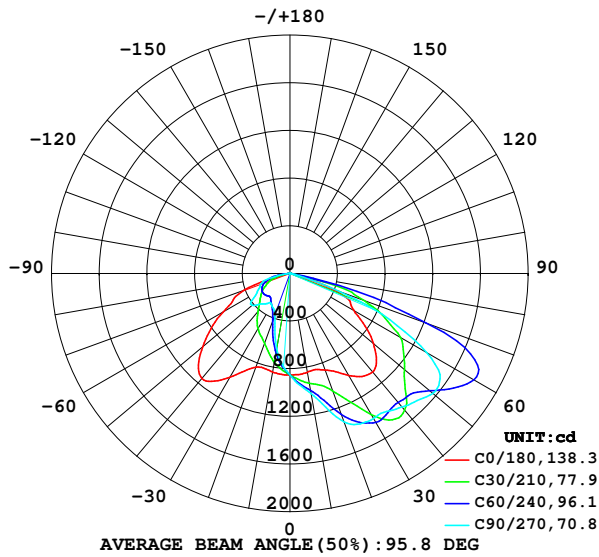
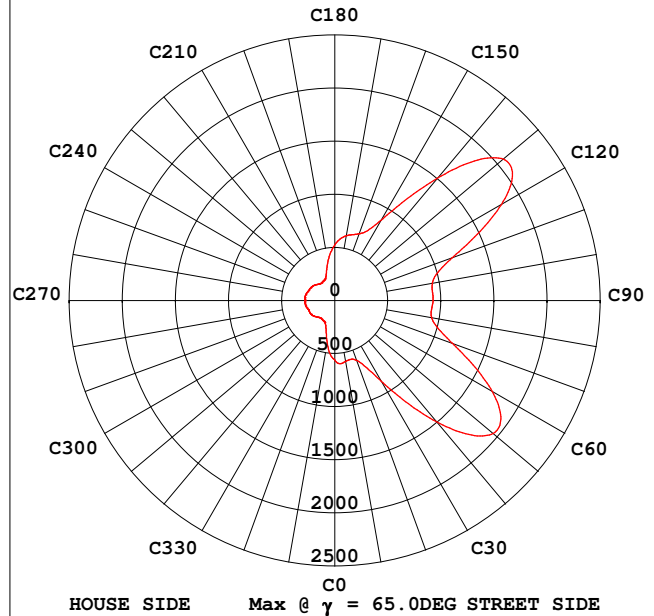


## STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:230.50V I:0.1562A P:35.312W PF:0.9807 Freq:50.01Hz Lamp Flux:3764.97x1 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: 106.62 lm/W			
MODEL	LYS15	I <sub>max</sub> (cd)	2073	η street_up (%)	0.0
NOMINAL POWER (W)	35W	LOR (%)	100.0	η street_down (%)	74.6
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	3765	η house_up (%)	0.0
NOMINAL FLUX (lm)	3764.97	MAXIMUM @ (C, γ )	130,65.0	η house_down (%)	25.4
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	230	η down (%)	100.0	SLI	14.788

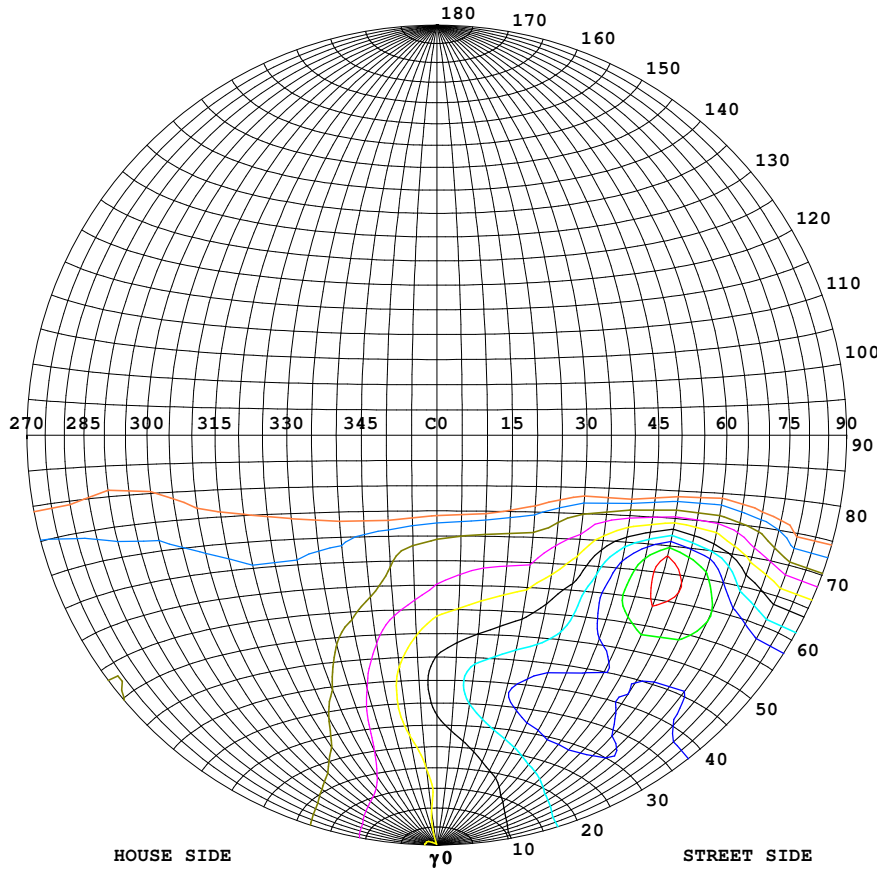
INTENSITY DISTRIBUTION DIAGRAM  
IN C PLANSMAX INTENSITY CONE SURFACE  
DISTRIBUTION DIAGRAM

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-T4

## STREETLIGHT ISOCANDELA DIAGRAM

Test:U:230.50V I:0.1562A P:35.312W PF:0.9807 Freq:50.01Hz Lamp Flux:3764.97x1 lm		
NAME: LYS15	TYPE:LED	WEIGHT:4.8kg
SPEC.:35W	DIM.: 330X220X68	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



Classification:

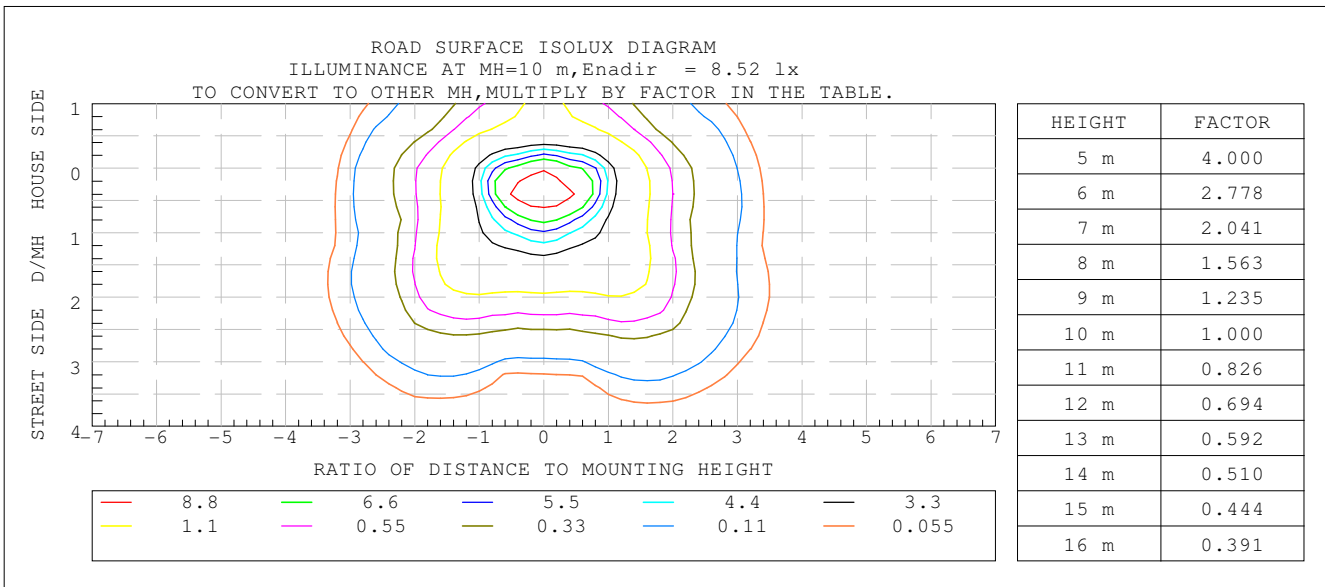
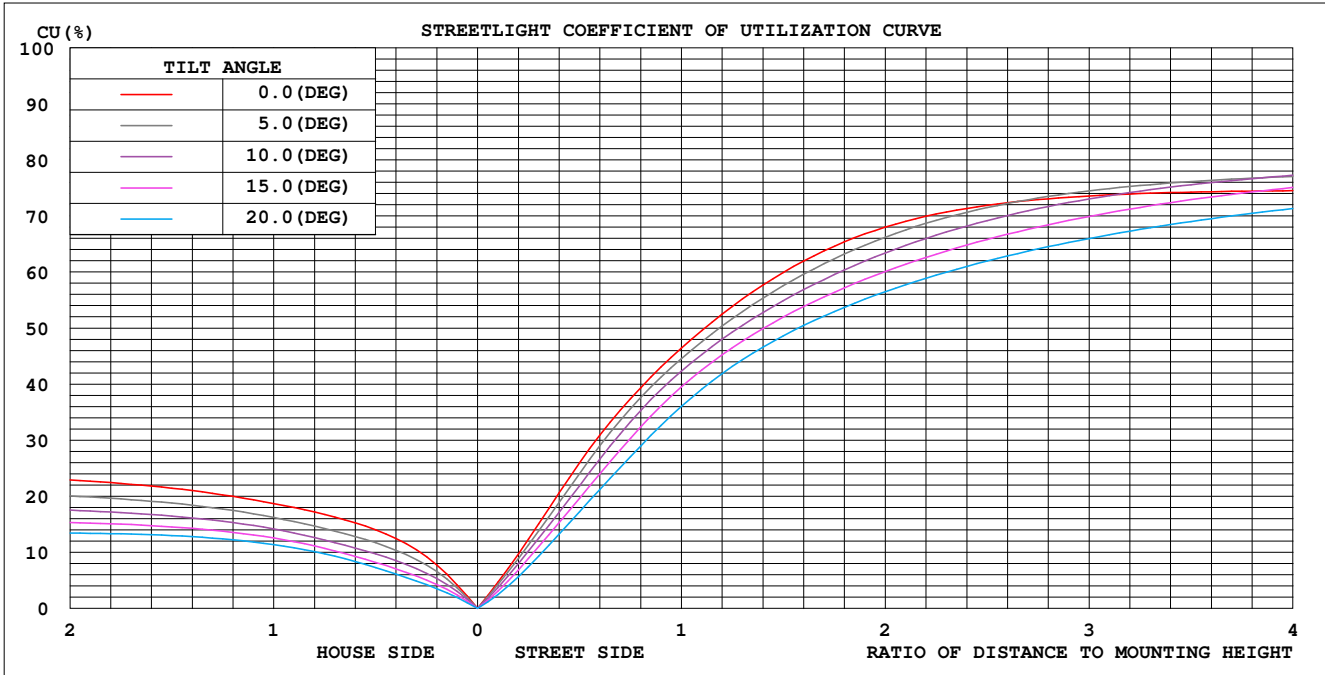
IES:Type III - Short  
 CIE:Broad - Intermediate  
 IES:Cut-off  
 CIE:Semi-cut-off  
 Max.At80:35.59cd/klm  
 Max.At90:1.171cd/klm  
 Max.80-90:35.59cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	2073
90%	1865
80%	1658
70%	1451
60%	1244
50%	1036
40%	829
30%	622
20%	415
10%	207
5%	104

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-T4

## 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**

**$\gamma$  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-T4**

## ZONAL FLUX DIAGRAM

Test:U:230.50V I:0.1562A P:35.312W PF:0.9807 Freq:50.01Hz Lamp Flux:3764.97x1 lm		
NAME: LYS15	TYPE:LED	WEIGHT:4.8kg
SPEC.:35W	DIM.: 330X220X68	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

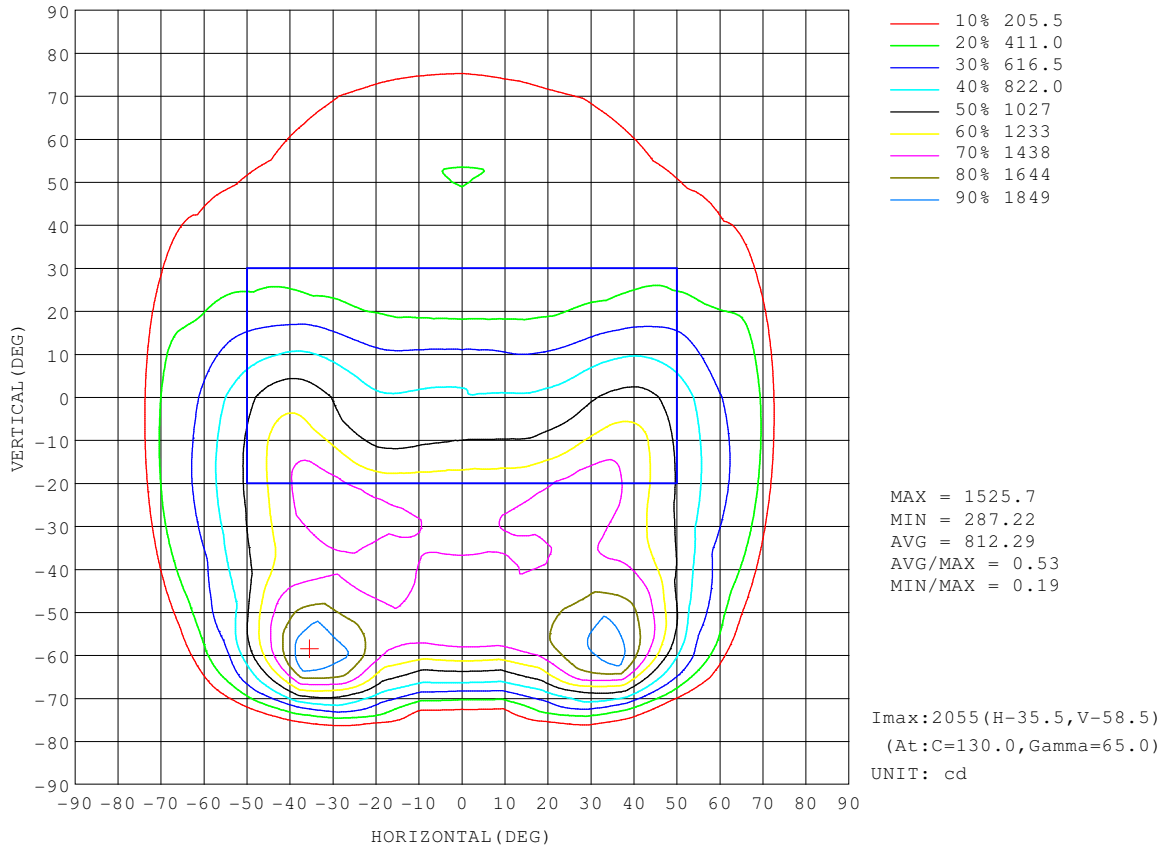
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\phi$ zone	$\phi$ total	$\%lum, lamp$
10	842.7	971.1	1023	965.6	840.1	716.7	644.6	716.8	0- 10	81.02	81.02	2.15,2.15
20	864.4	1157	1324	1122	837.1	512.8	372.2	505.5	10- 20	235.7	316.7	8.41,8.41
30	989.5	1460	1406	1431	1004	364.2	309.9	361.2	20- 30	405.1	721.8	19.2,19.2
40	1080	1477	1462	1527	1150	300.3	334.0	298.9	30- 40	590.1	1312	34.8,34.8
50	916.1	1477	1566	1423	953.7	270.2	414.5	272.0	40- 50	708.0	2020	53.7,53.7
60	617.0	1726	1321	1717	649.8	245.8	318.6	252.0	50- 60	766.8	2787	74,74
70	380.8	1364	440.9	1494	406.9	183.4	258.9	182.3	60- 70	689.9	3477	92.3,92.3
80	11.54	25.67	15.97	62.62	16.51	64.37	85.09	49.01	70- 80	273.6	3750	99.6,99.6
90	0.3288	0.3767	0.3646	0.6136	0.5038	3.909	0.4476	1.643	80- 90	14.74	3765	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-T4**

## ISOCANDELA DIAGRAM

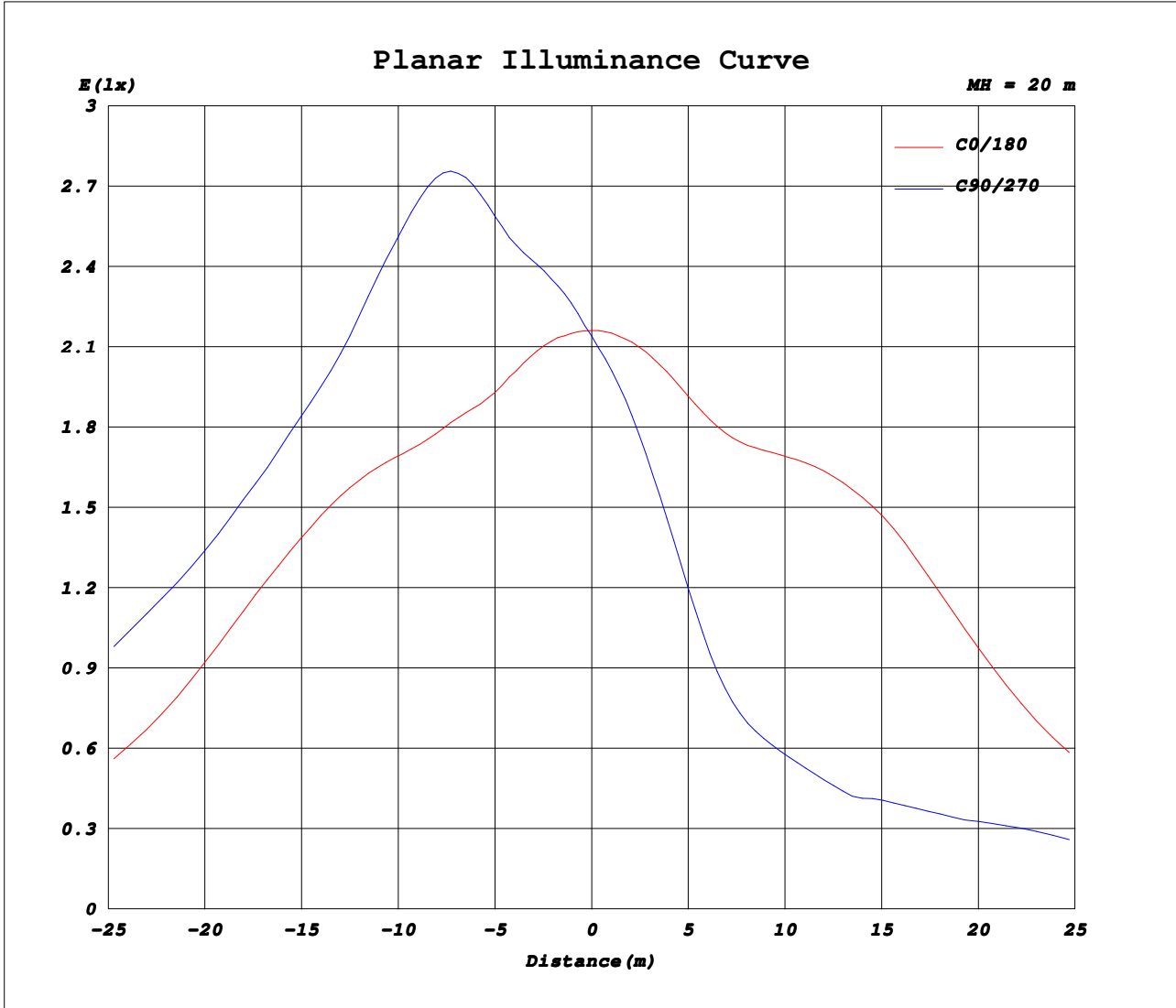
Test:U:230.50V I:0.1562A P:35.312W PF:0.9807 Freq:50.01Hz Lamp Flux:3764.97x1 lm		
NAME: LYS15	TYPE:LED	WEIGHT:4.8kg
SPEC.:35W	DIM.: 330X220X68	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



**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-T4**

## Planar Illuminance Curve



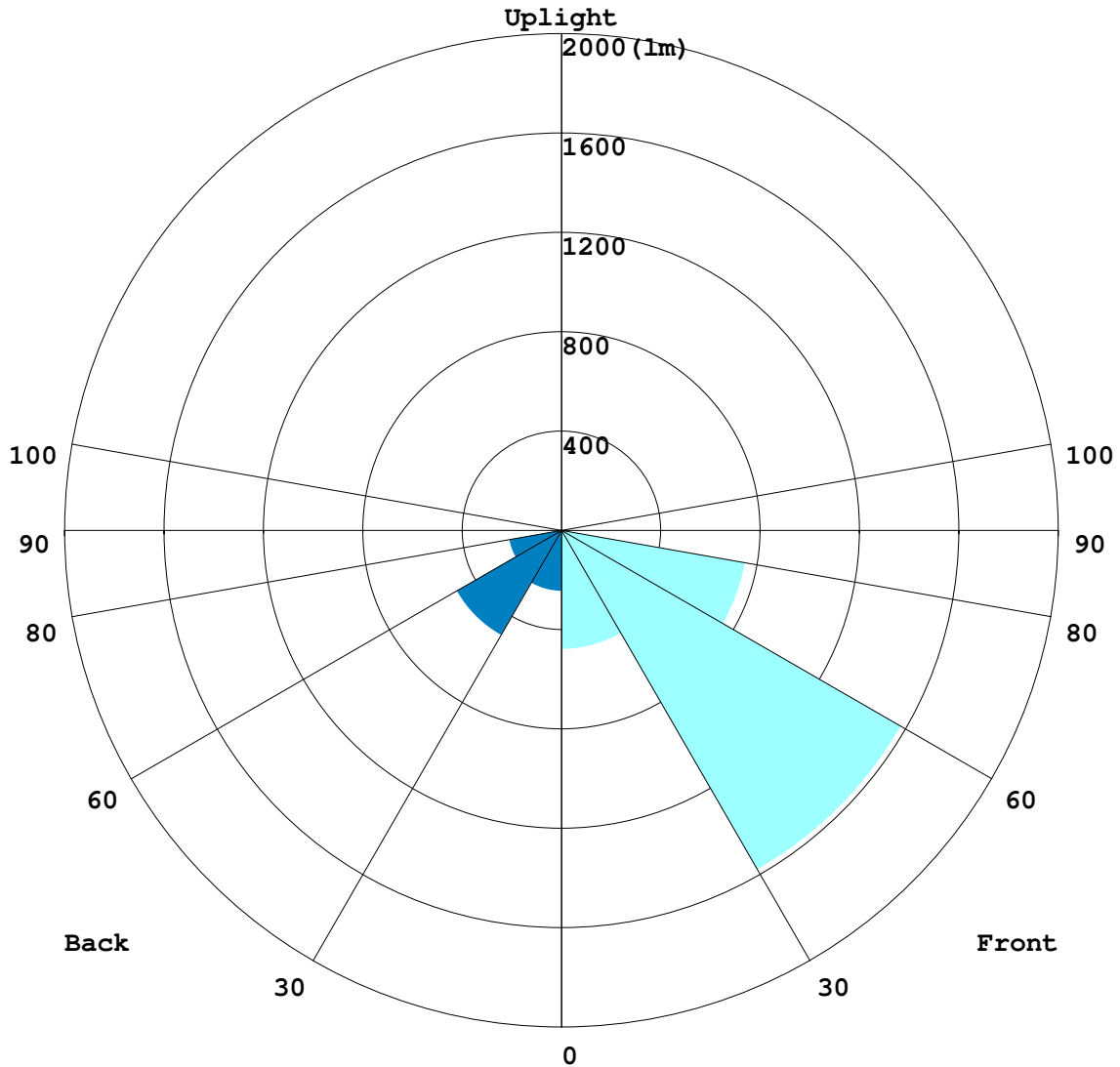
C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature: 20DEG  
Operators: LITPA  
Test Date: 07.07.2020

$\gamma$  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-T4

## LCS REPORT

Test:U:230.50V I:0.1562A P:35.312W PF:0.9807 Freq:50.01Hz Lamp Flux:3764.97x1 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-T4

## BUG REPORT

Test:U:230.50V I:0.1562A P:35.312W PF:0.9807 Freq:50.01Hz Lamp Flux:3764.97x1 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)	478.41	12.7
FM - Front-Medium(30-60)	1577.6	41.9
FH - Front-High(60-80)	750.98	19.9
FVH - Front-Very High(80-90)	3.1339	0.1
Total Forward Light	2810.1	74.6

BL - Back-Low(0-30)	243.41	6.5
BM - Back-Medium(30-60)	487.37	12.9
BH - Back-High(60-80)	212.48	5.6
BVH - Back-Very High(80-90)	11.609	0.3
Total Back Light	954.86	25.4

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
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	954.86	0	954.86
Street Side	2810.1	0	2810.1

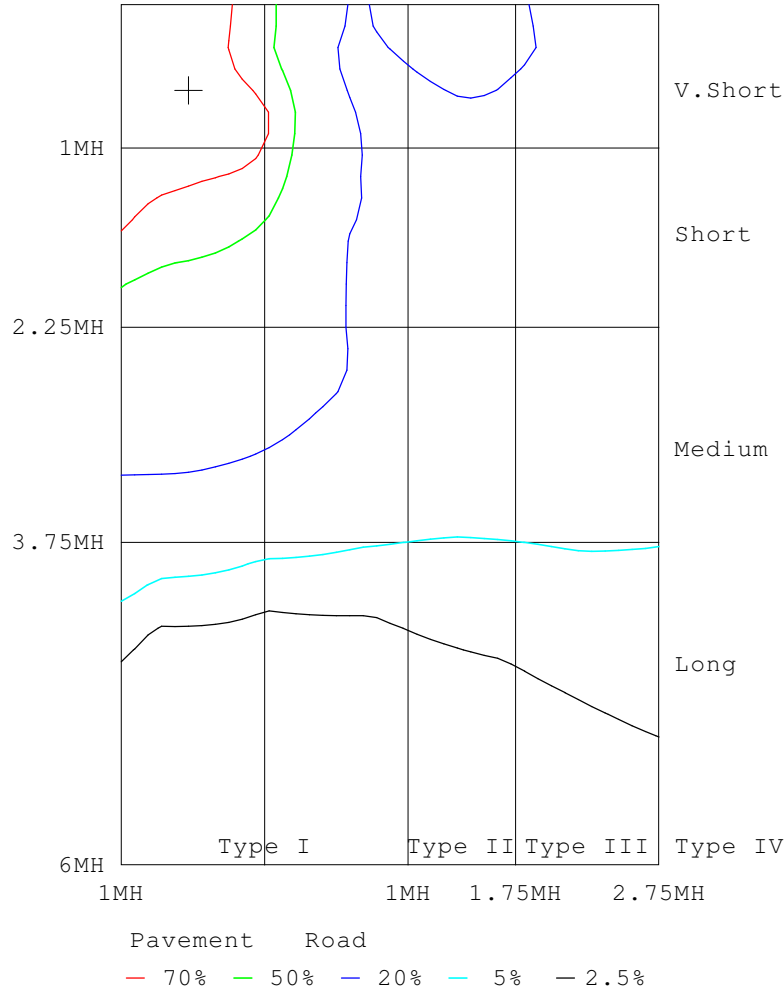
**C Range: 0 - 360DEG**  
**C Interval: 10.0DEG**  
**Test Speed: HIGH**  
**Temperature: 20DEG**  
**Operators: LITPA**  
**Test Date: 07.07.2020**

**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-T4**

## ROAD ISOCANDELA REPORT

Test:U:230.50V I:0.1562A P:35.312W PF:0.9807 Freq:50.01Hz Lamp Flux:3764.97x1 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-T4**



