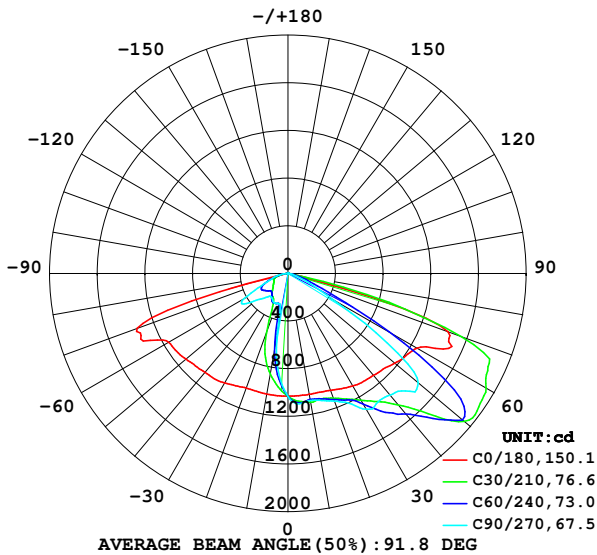
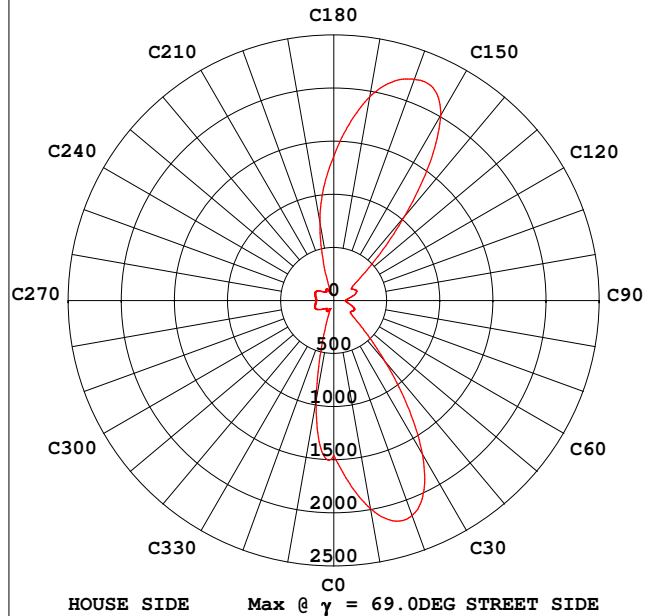


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:230.52V I:0.1560A P:35.291W PF:0.9814 Freq:50.01Hz Lamp Flux:3851.05x1 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: 109.12 lm/W			
MODEL	LYS15	I _{max} (cd)	2215	η street_up (%)	0.0
NOMINAL POWER (W)	35W	LOR (%)	100.0	η street_down (%)	76.9
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	3851	η house_up (%)	0.0
NOMINAL FLUX (lm)	3851.05	MAXIMUM @ (C, γ)	160, 69.0	η house_down (%)	23.1
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	230	η down (%)	100.0	SLI	15.431

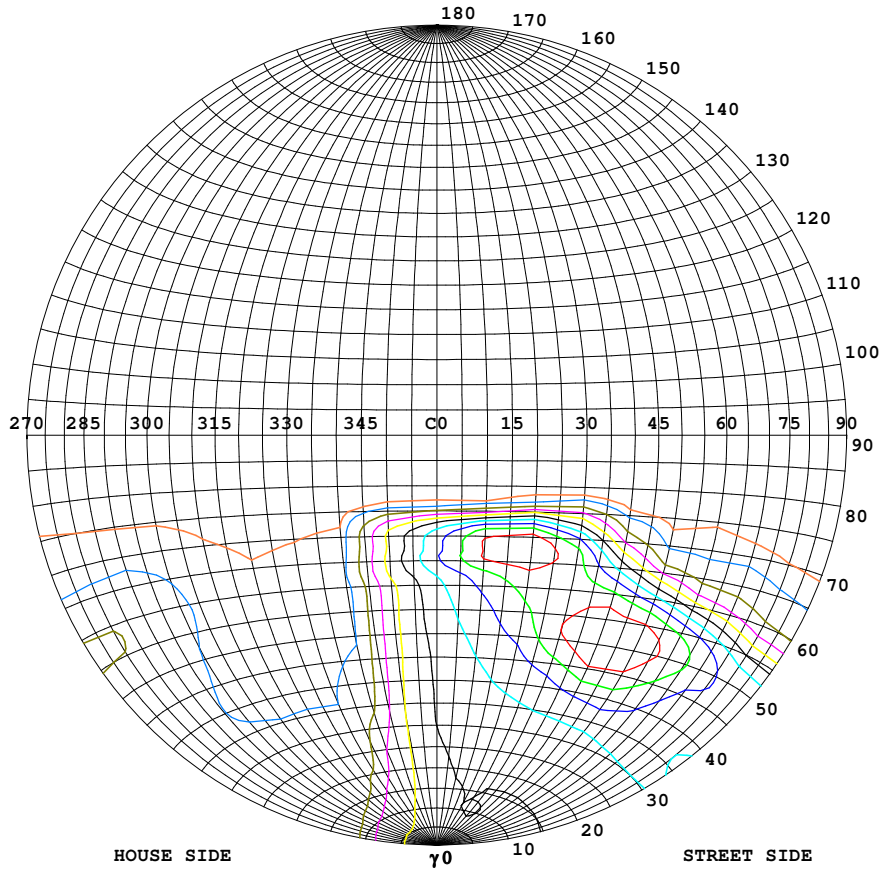
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

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-T3-M

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:230.52V I:0.1560A P:35.291W PF:0.9814 Freq:50.01Hz Lamp Flux:3851.05x1 lm		
NAME: LYS15	TYPE:LED	WEIGHT:4.8kg
SPEC.:35W	DIM.: 330X220X68	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



Classification:

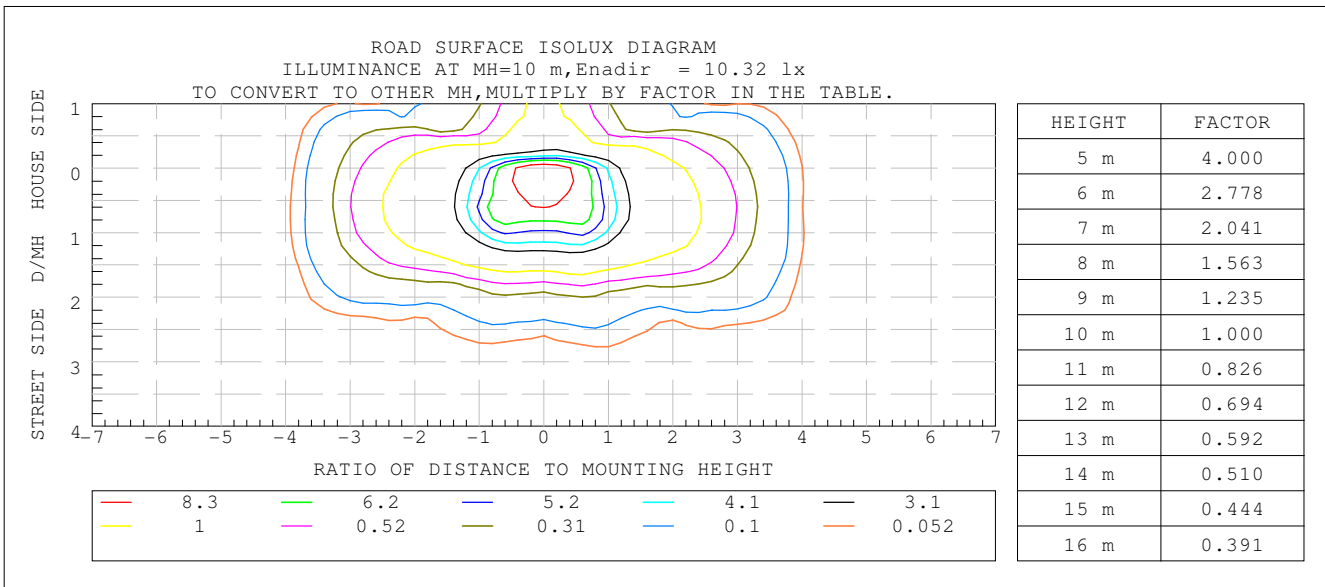
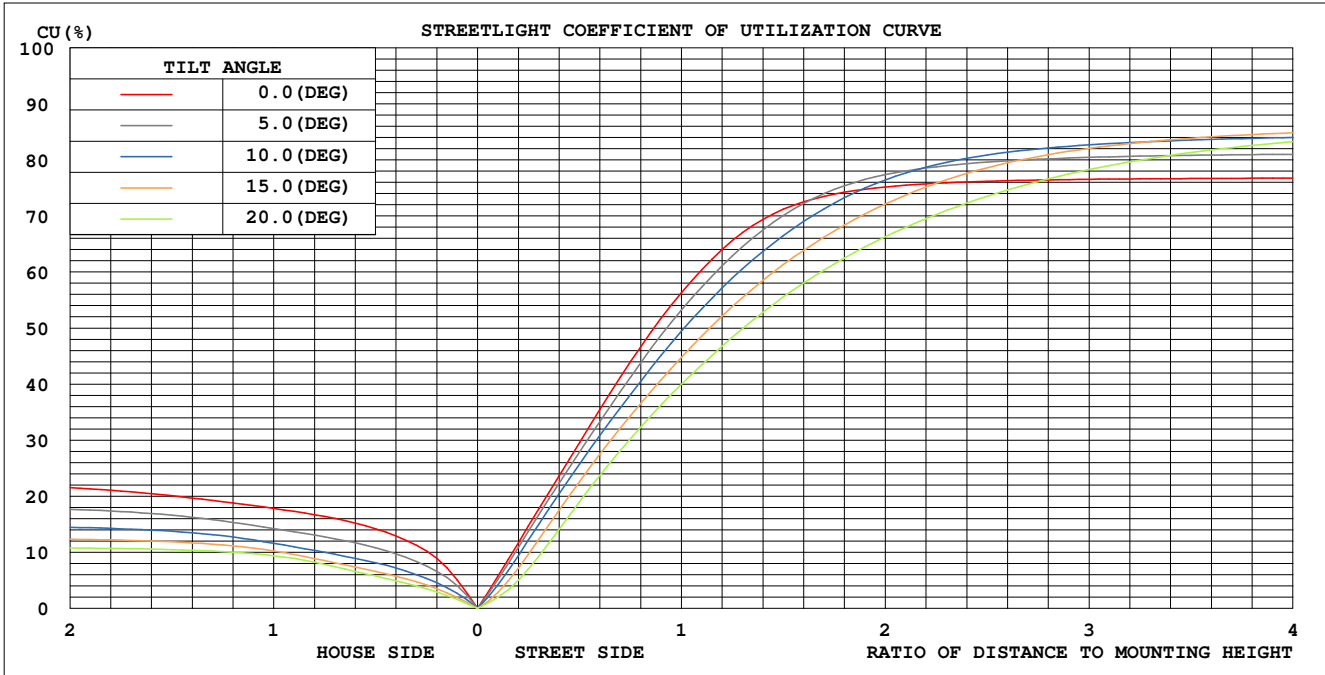
IES:Type III - Medium
 CIE:Average - Intermediate
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:17.34cd/klm
 Max.At90:0.7057cd/klm
 Max.80-90:17.34cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	2215
90%	1994
80%	1772
70%	1551
60%	1329
50%	1108
40%	886
30%	665
20%	443
10%	222
5%	111

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-T3-M

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-T3-M

ZONAL FLUX DIAGRAM

Test:U:230.52V I:0.1560A P:35.291W PF:0.9814 Freq:50.01Hz Lamp Flux:3851.05x1 lm		
NAME: LYS15	TYPE:LED	WEIGHT:4.8kg
SPEC.:35W	DIM.: 330X220X68	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

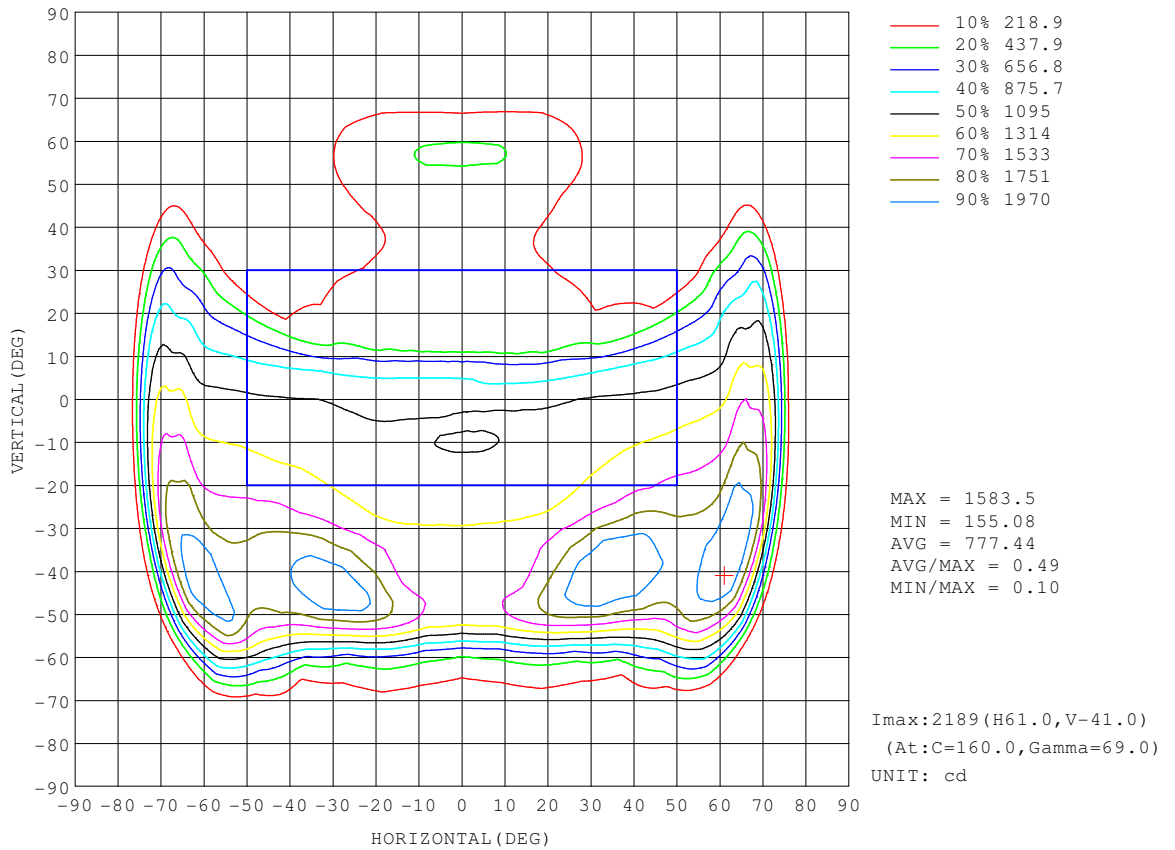
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	ϕ zone	ϕ total	$\%lum, lamp$
10	1030	1085	1082	1130	1029	759.6	530.3	740.4	0- 10	93.38	93.38	2.42,2.42
20	1044	1120	1141	1147	1025	282.3	267.6	281.6	10- 20	235.2	328.6	8.53,8.53
30	1090	1235	1316	1258	1062	262.1	259.8	258.2	20- 30	373.9	702.5	18.2,18.2
40	1118	1611	1334	1572	1085	204.1	253.3	196.9	30- 40	535.2	1238	32.1,32.1
50	1172	2098	1429	2081	1119	169.8	353.7	163.7	40- 50	743.2	1981	51.4,51.4
60	1254	1594	422.6	1713	1156	158.0	428.6	148.3	50- 60	867.6	2848	74,74
70	1429	414.0	94.46	576.5	1347	118.2	159.6	108.6	60- 70	701.6	3550	92.2,92.2
80	19.13	28.71	12.12	31.07	25.66	50.49	65.90	41.92	70- 80	289.3	3839	99.7,99.7
90	0.8689	0.2430	0.5115	0.3370	1.043	2.611	0.3386	1.702	80- 90	11.74	3851	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

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-T3-M

ISOCANDELA DIAGRAM

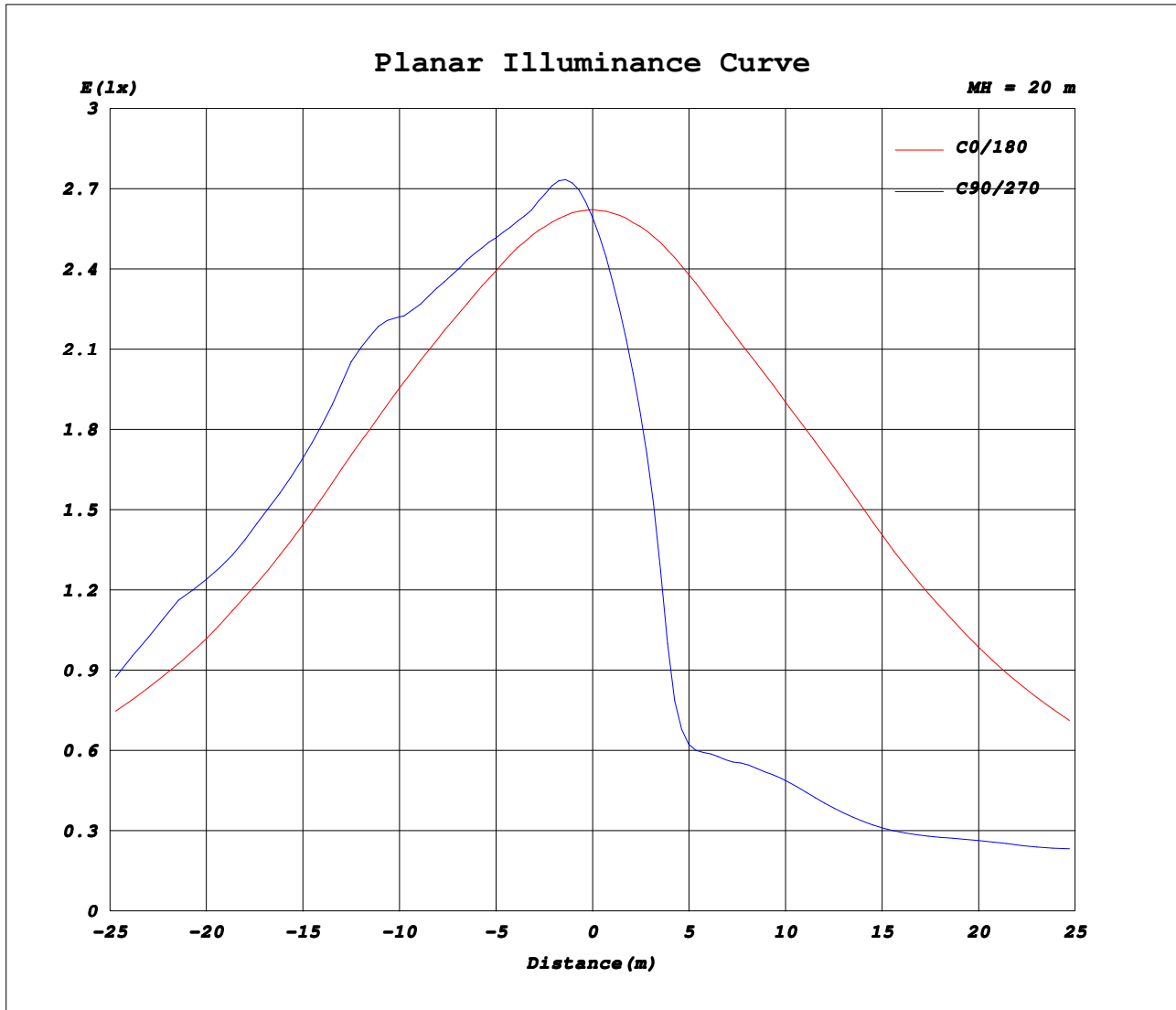
Test:U:230.52V I:0.1560A P:35.291W PF:0.9814 Freq:50.01Hz Lamp Flux:3851.05x1 lm		
NAME: LYS15	TYPE:LED	WEIGHT:4.8kg
SPEC.:35W	DIM.: 330X220X68	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



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-T3-M

Planar Illuminance Curve



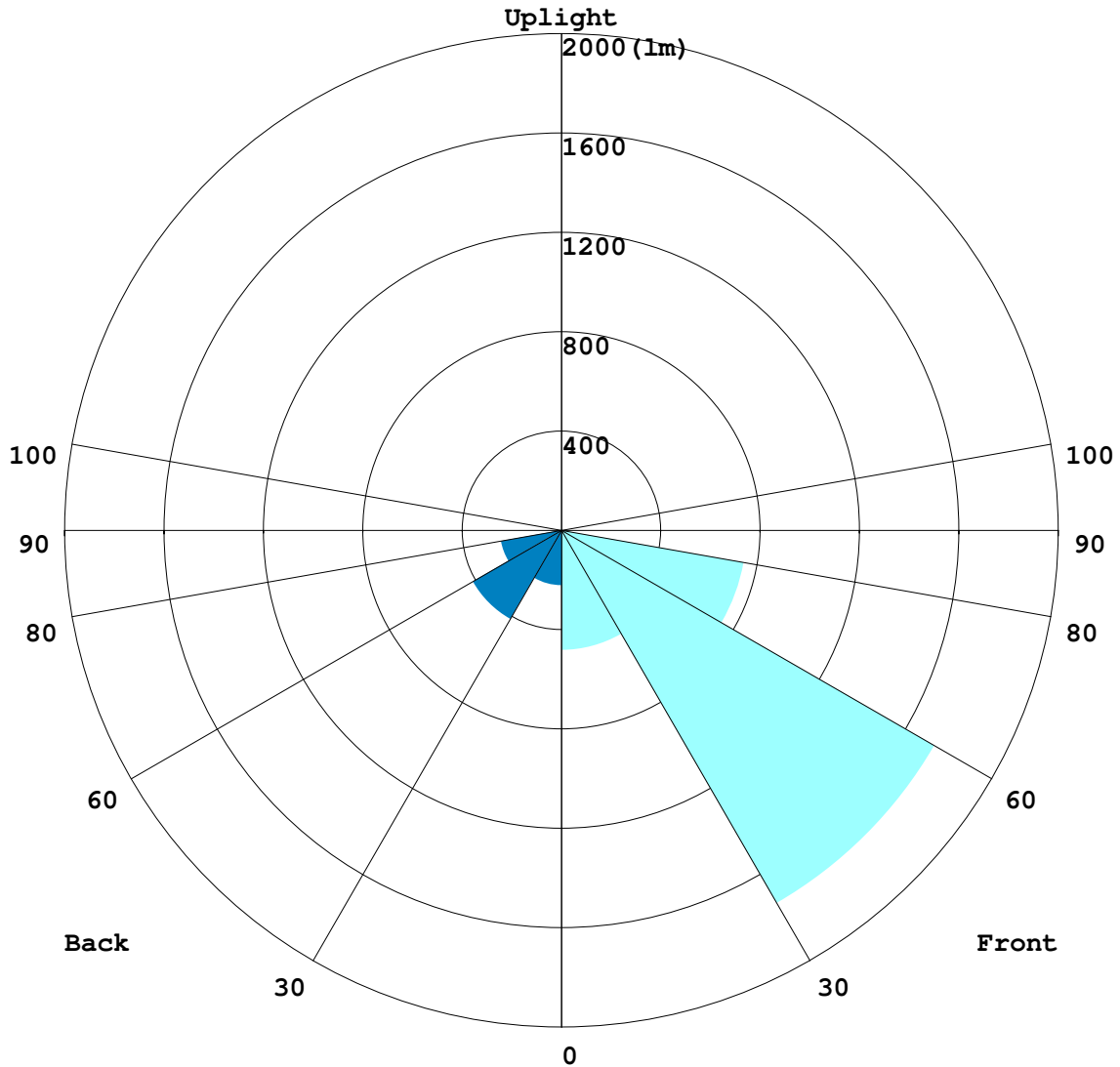
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 07.07.2020

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-T3-M

LCS REPORT

Test:U:230.52V I:0.1560A P:35.291W PF:0.9814 Freq:50.01Hz Lamp Flux:3851.05x1 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

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-T3-M

BUG REPORT

Test:U:230.52V I:0.1560A P:35.291W PF:0.9814 Freq:50.01Hz Lamp Flux:3851.05x1 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)	481.69	12.5
FM - Front-Medium(30-60)	1732.8	45.0
FH - Front-High(60-80)	744.51	19.3
FVH - Front-Very High(80-90)	3.4128	0.1
Total Forward Light	2962.4	76.9

BL - Back-Low(0-30)	220.78	5.7
BM - Back-Medium(30-60)	413.18	10.7
BH - Back-High(60-80)	246.36	6.4
BVH - Back-Very High(80-90)	8.3263	0.2
Total Back Light	888.65	23.1

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	888.65	0	888.65
Street Side	2962.4	0	2962.4

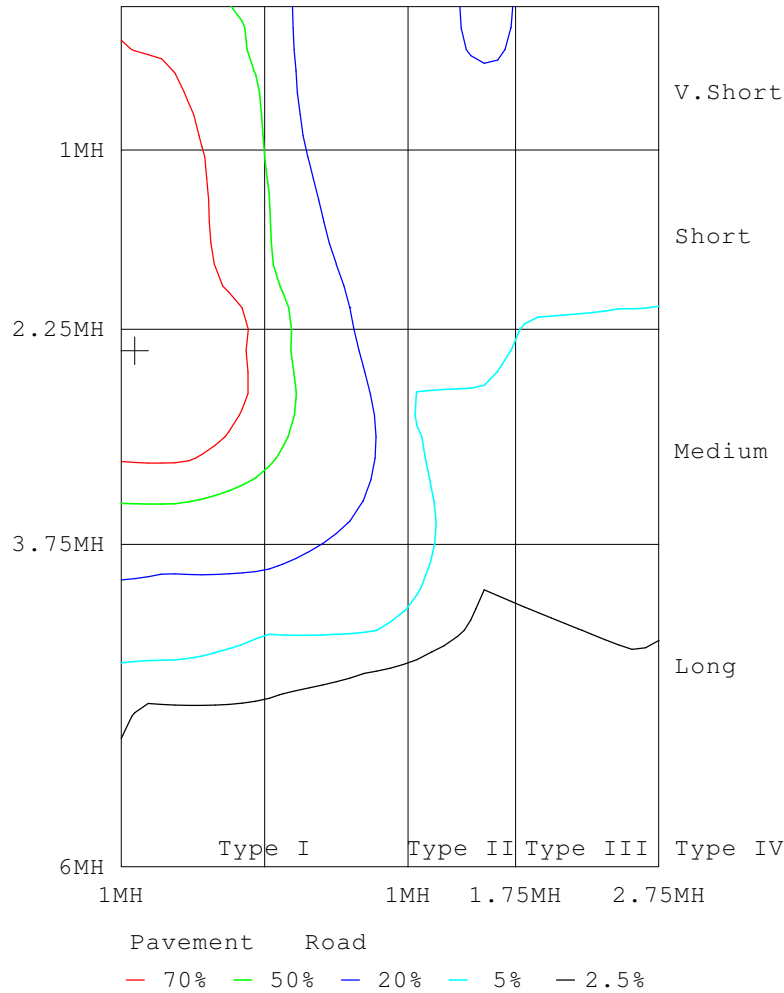
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 07.07.2020

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-T3-M

ROAD ISOCANDELA REPORT

Test:U:230.52V I:0.1560A P:35.291W PF:0.9814 Freq:50.01Hz Lamp Flux:3851.05x1 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

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-T3-M

