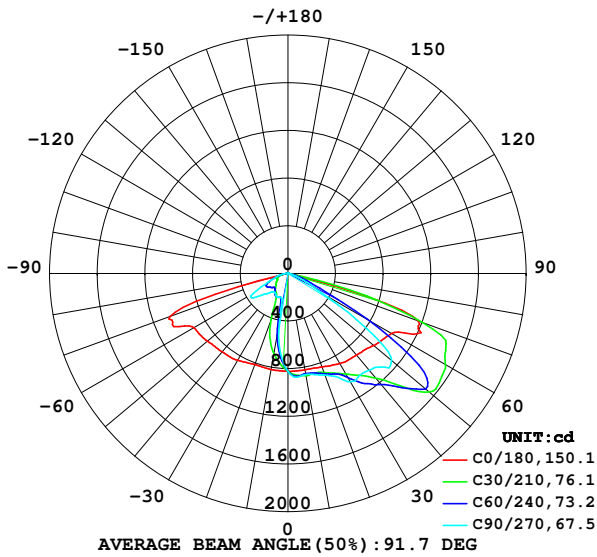
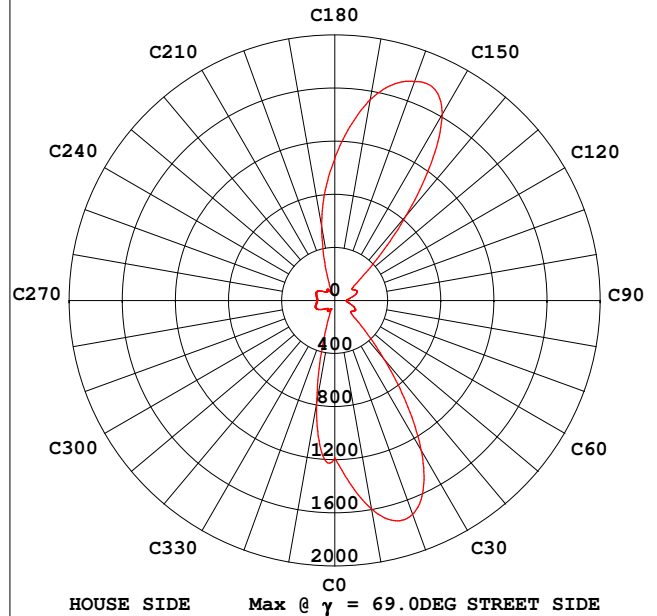


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:230.55V I:0.1212A P:26.987W PF:0.9659 Freq:50.01Hz Lamp Flux:3062.82x1 lm		
NAME: LYS15	TYPE:LED	WEIGHT:4.8kg
SPEC.:27W	DIM.: 330X220X68	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 113.49 lm/W			
MODEL	LYS15	I _{max} (cd)	1756	η street_up (%)	0.0
NOMINAL POWER (W)	27W	LOR (%)	100.0	η street_down (%)	76.9
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	3063	η house_up (%)	0.0
NOMINAL FLUX (lm)	3062.82	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	15.172

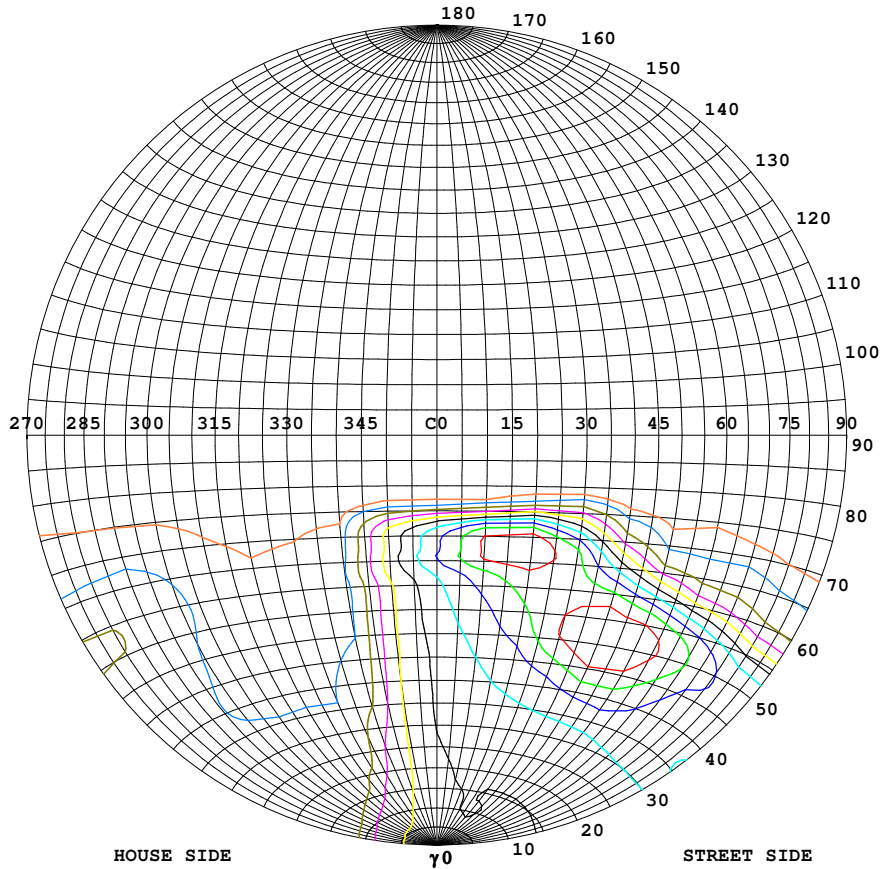
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

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: LYS15-27W-T3-M

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:230.55V I:0.1212A P:26.987W PF:0.9659 Freq:50.01Hz Lamp Flux:3062.82x1 lm		
NAME: LYS15	TYPE:LED	WEIGHT:4.8kg
SPEC.:27W	DIM.: 330X220X68	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



Classification:

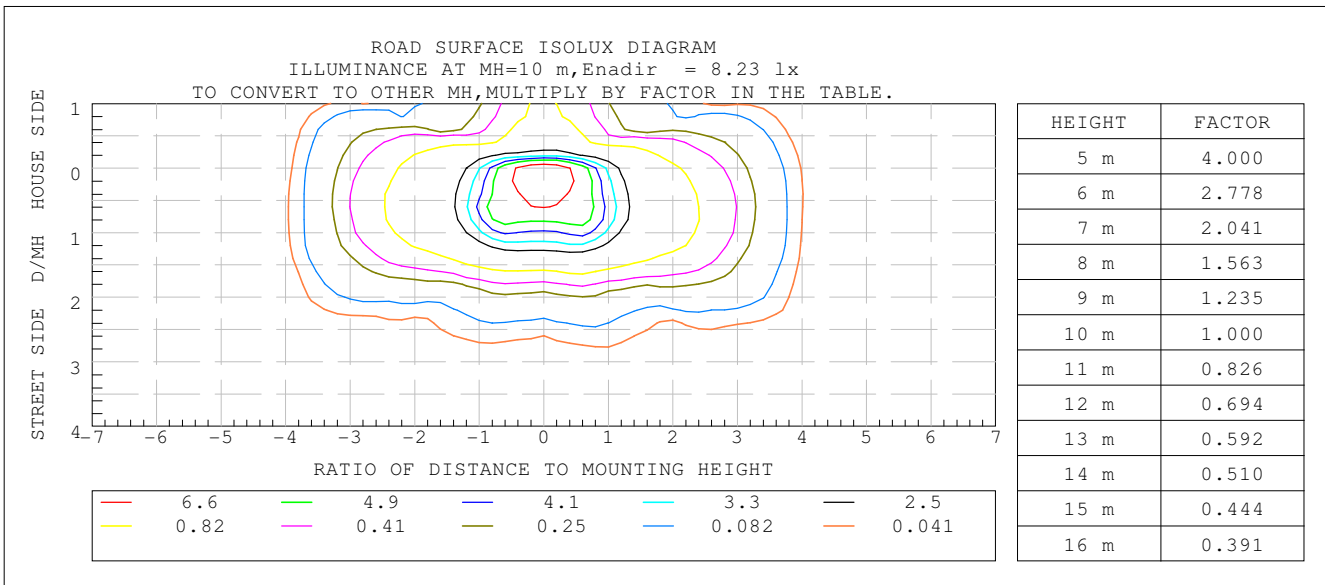
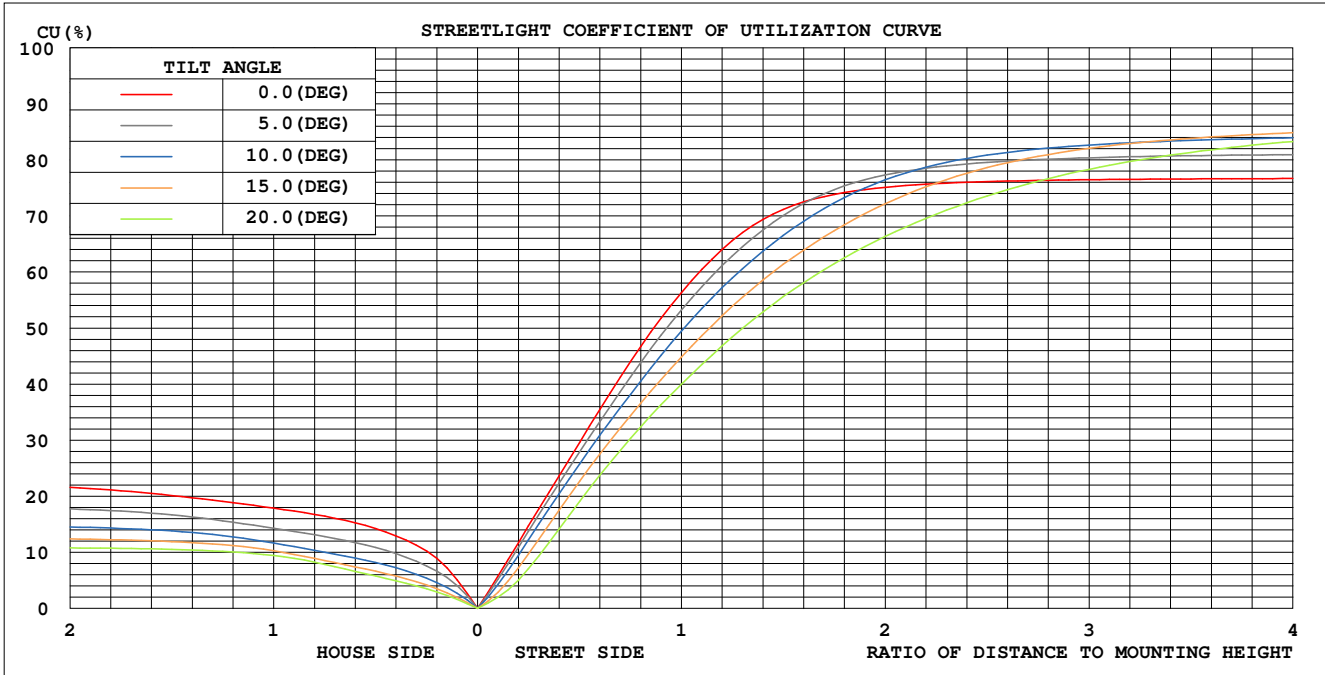
IES:Type III - Medium
 CIE:Average - Intermediate
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:17.30cd/klm
 Max.At90:0.6844cd/klm
 Max.80-90:17.30cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	1756
— 90%	1581
— 80%	1405
— 70%	1230
— 60%	1054
— 50%	878
— 40%	703
— 30%	527
— 20%	351
— 10%	176
— 5%	88

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: LYS15-27W-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: LYS15-27W-T3-M

ZONAL FLUX DIAGRAM

Test:U:230.55V I:0.1212A P:26.987W PF:0.9659 Freq:50.01Hz Lamp Flux:3062.82x1 lm		
NAME: LYS15	TYPE:LED	WEIGHT:4.8kg
SPEC.:27W	DIM.: 330X220X68	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

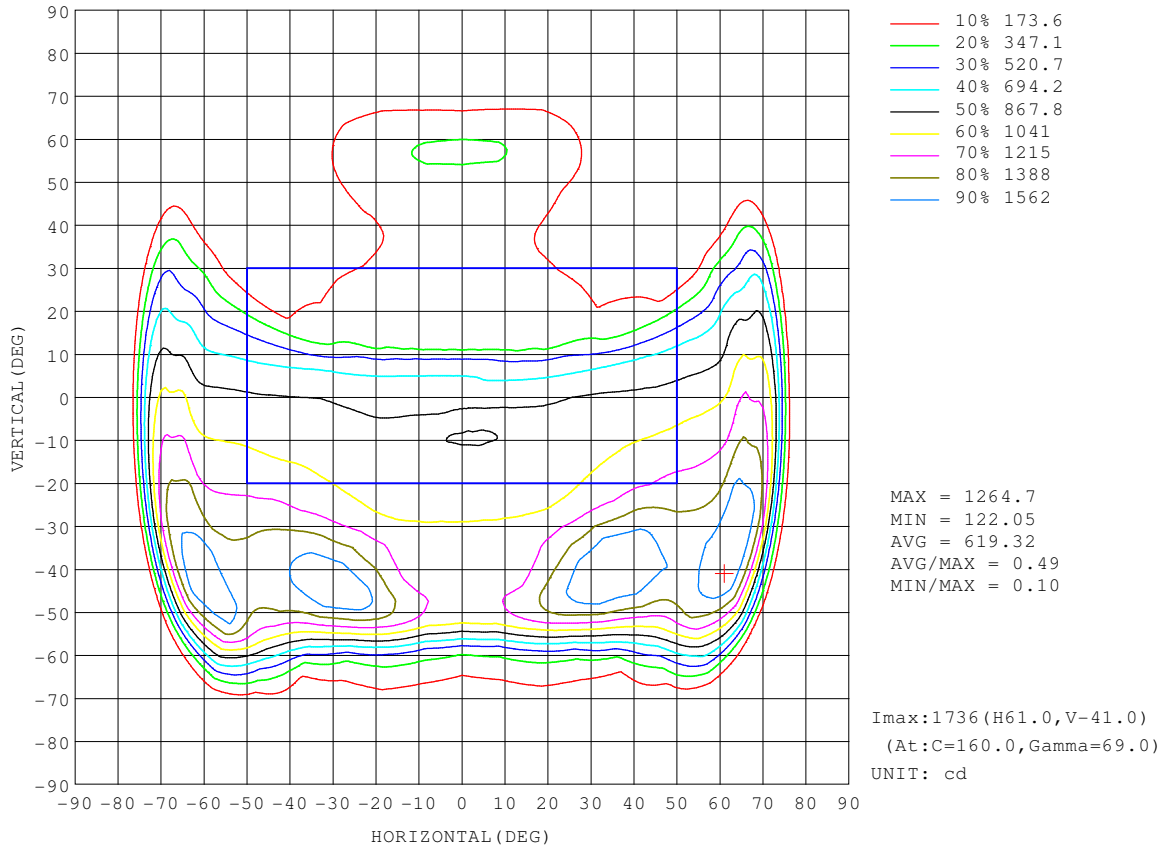
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	ϕ zone	ϕ total	$\%lum, lamp$
10	823.2	862.1	861.7	896.4	818.5	604.9	427.6	597.8	0- 10	74.41	74.41	2.43,2.43
20	835.7	891.0	908.7	911.9	814.4	224.0	212.8	225.9	10- 20	187.5	261.9	8.55,8.55
30	873.0	981.7	1048	1001	842.1	208.6	207.0	205.4	20- 30	297.7	559.6	18.3,18.3
40	896.6	1283	1061	1254	858.8	161.9	201.4	157.6	30- 40	426.2	985.8	32.2,32.2
50	939.9	1669	1137	1652	883.5	135.3	281.1	129.9	40- 50	591.8	1578	51.5,51.5
60	1008	1260	334.6	1351	911.8	126.5	344.0	117.1	50- 60	689.5	2267	74,74
70	1165	317.3	74.43	458.4	1054	94.83	127.6	86.82	60- 70	556.9	2824	92.2,92.2
80	15.99	23.68	9.450	23.05	19.25	40.11	52.97	34.53	70- 80	229.5	3053	99.7,99.7
90	0.6647	0.1772	0.3894	0.2459	0.7969	1.953	0.2596	1.651	80- 90	9.339	3063	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: LYS15-27W-T3-M

ISOCANDELA DIAGRAM

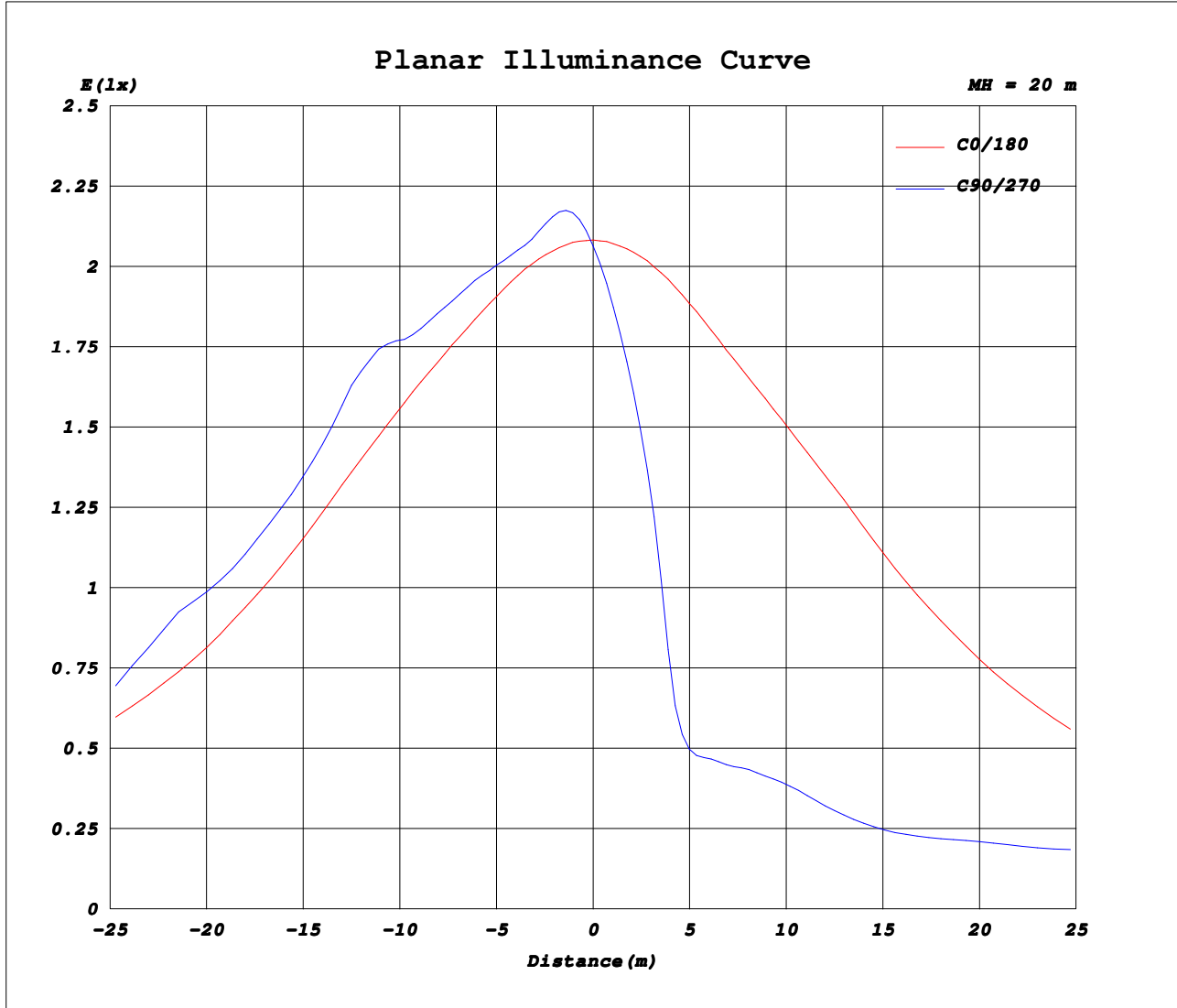
Test:U:230.55V I:0.1212A P:26.987W PF:0.9659 Freq:50.01Hz Lamp Flux:3062.82x1 lm		
NAME: LYS15	TYPE:LED	WEIGHT:4.8kg
SPEC.:27W	DIM.: 330X220X68	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



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: LYS15-27W-T3-M

Planar Illuminance Curve



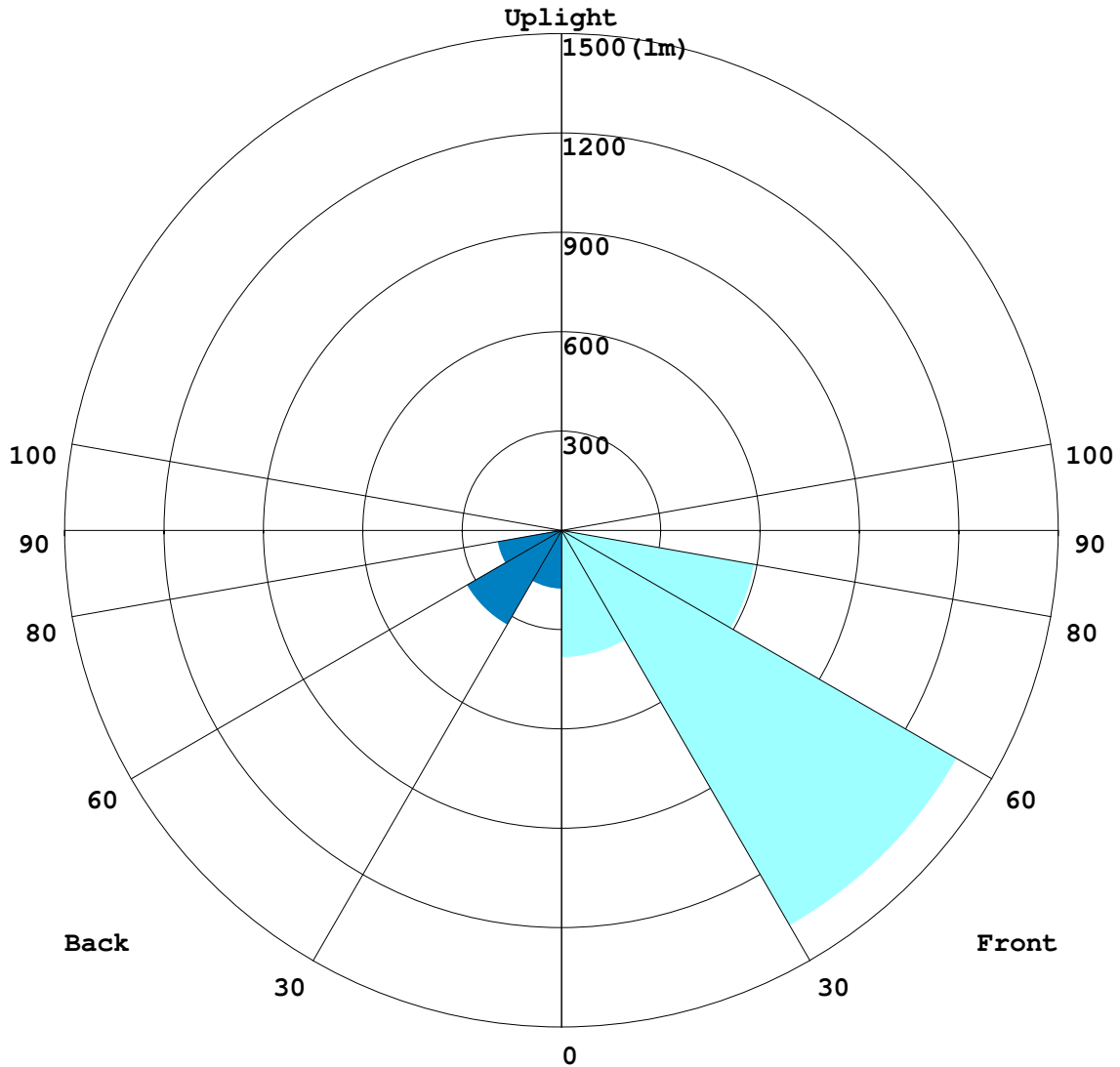
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 07.07.2020

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: LYS15-27W-T3-M

LCS REPORT

Test:U:230.55V I:0.1212A P:26.987W PF:0.9659 Freq:50.01Hz Lamp Flux:3062.82x1 lm		
NAME: LYS15	TYPE:LED	WEIGHT:4.8kg
SPEC.:27W	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: LYS15-27W-T3-M

BUG REPORT

Test:U:230.55V I:0.1212A P:26.987W PF:0.9659 Freq:50.01Hz Lamp Flux:3062.82x1 Lm		
NAME: LYS15	TYPE:LED	WEIGHT:4.8kg
SPEC.:27W	DIM.: 330X220X68	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	383.3	12.5
FM - Front-Medium(30-60)	1378.5	45.0
FH - Front-High(60-80)	590.78	19.3
FVH - Front-Very High(80-90)	2.6315	0.1
Total Forward Light	2355.2	76.9

BL - Back-Low(0-30)	176.35	5.8
BM - Back-Medium(30-60)	328.98	10.7
BH - Back-High(60-80)	195.61	6.4
BVH - Back-Very High(80-90)	6.7075	0.2
Total Back Light	707.64	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	707.64	0	707.64
Street Side	2355.2	0	2355.2

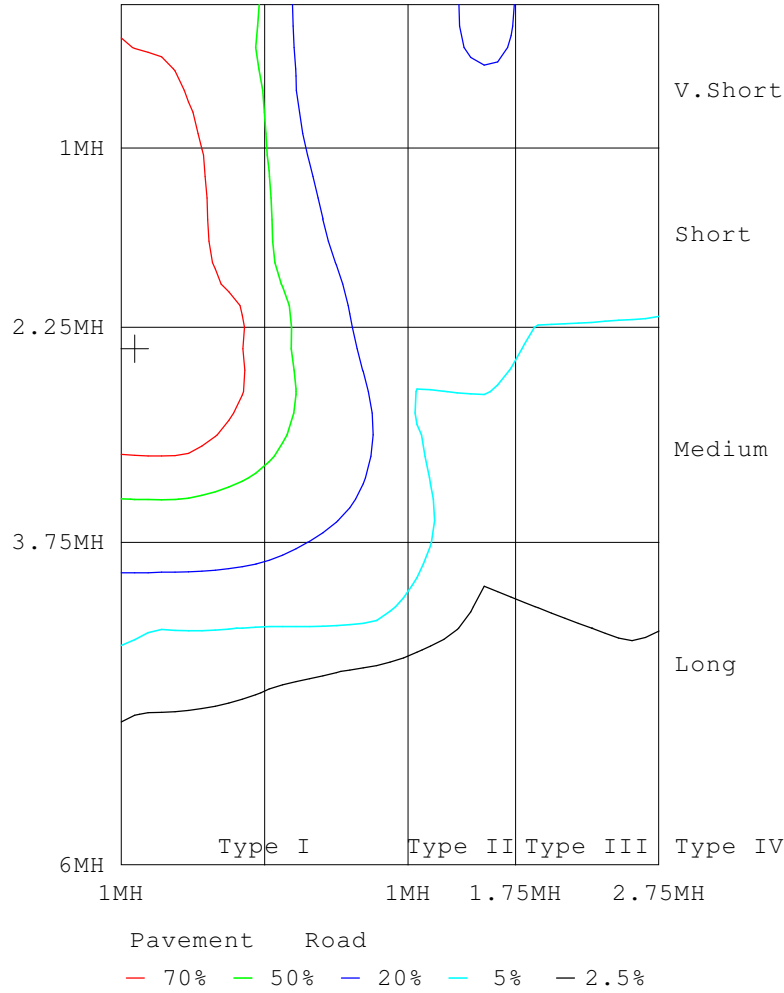
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 07.07.2020

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: LYS15-27W-T3-M

ROAD ISOCANDELA REPORT

Test:U:230.55V I:0.1212A P:26.987W PF:0.9659 Freq:50.01Hz Lamp Flux:3062.82x1 lm		
NAME: LYS15	TYPE:LED	WEIGHT:4.8kg
SPEC.:27W	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: LYS15-27W-T3-M

