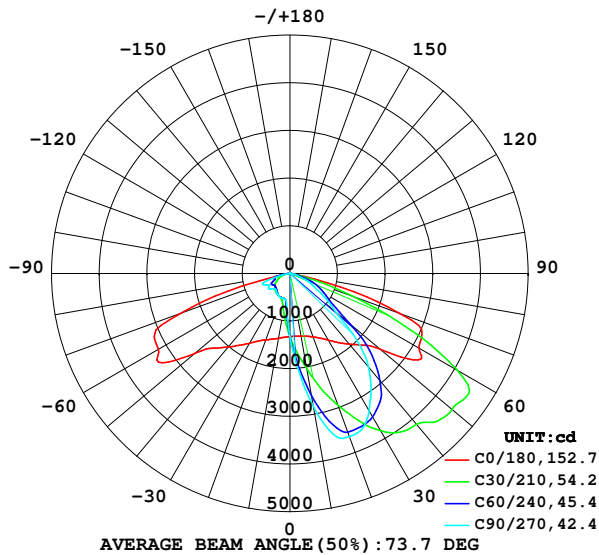
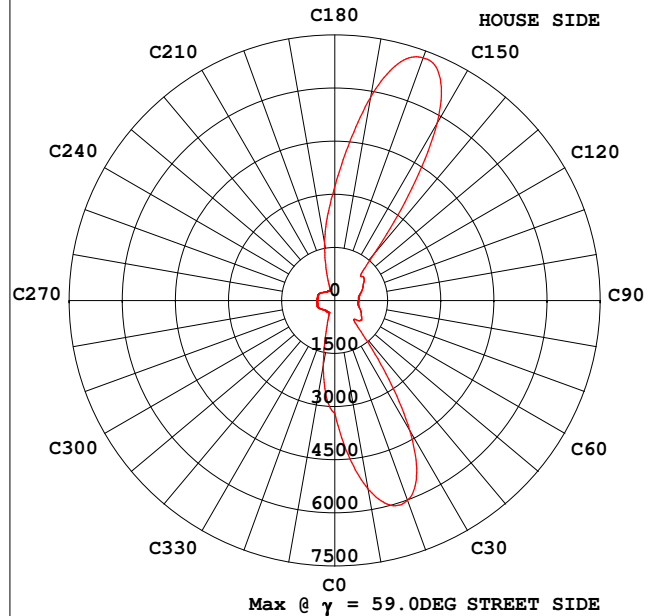


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:230.46V I:0.2979A P:67.333W PF:0.9809 Freq:50.01Hz Lamp Flux:8097.3x1 lm		
NAME: LYS20	TYPE:OUTDOOR	WEIGHT:5kg
SPEC.:70 WATT	DIM.: 400X240X50	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 120.26 lm/W			
MODEL		I _{max} (cd)	7292	η street_up (%)	0.0
NOMINAL POWER (W)	70 WATT	LOR (%)	100.0	η street_down (%)	51.6
RATED VOLTAGE (V)	230.0	TOTAL FLUX (lm)	8097	η house_up (%)	0.0
NOMINAL FLUX (lm)	8097.3	MAXIMUM @ (C, γ)	160,59.0	η house_down (%)	48.4
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	230	η down (%)	100.0	SLI	18.477

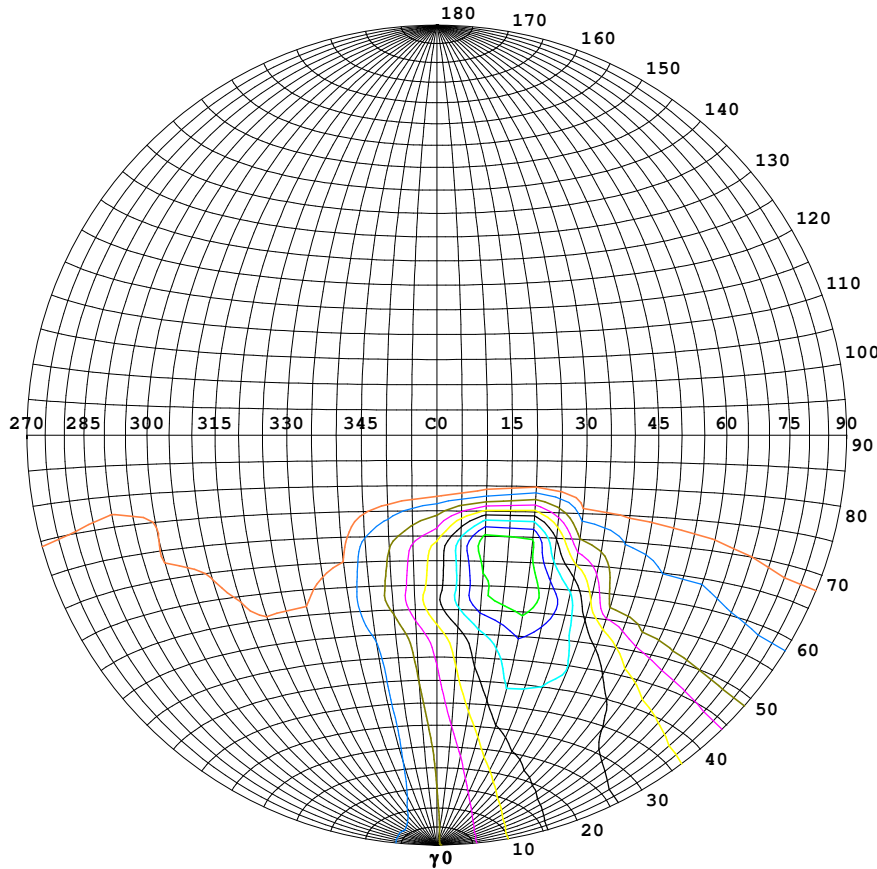
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 10 June 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: LYS20-70WATT

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:230.46V I:0.2979A P:67.333W PF:0.9809 Freq:50.01Hz Lamp Flux:8097.3x1 lm		
NAME: LYS20	TYPE:OUTDOOR	WEIGHT:5kg
SPEC.:70 WATT	DIM.: 400X240X50	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



Classification:

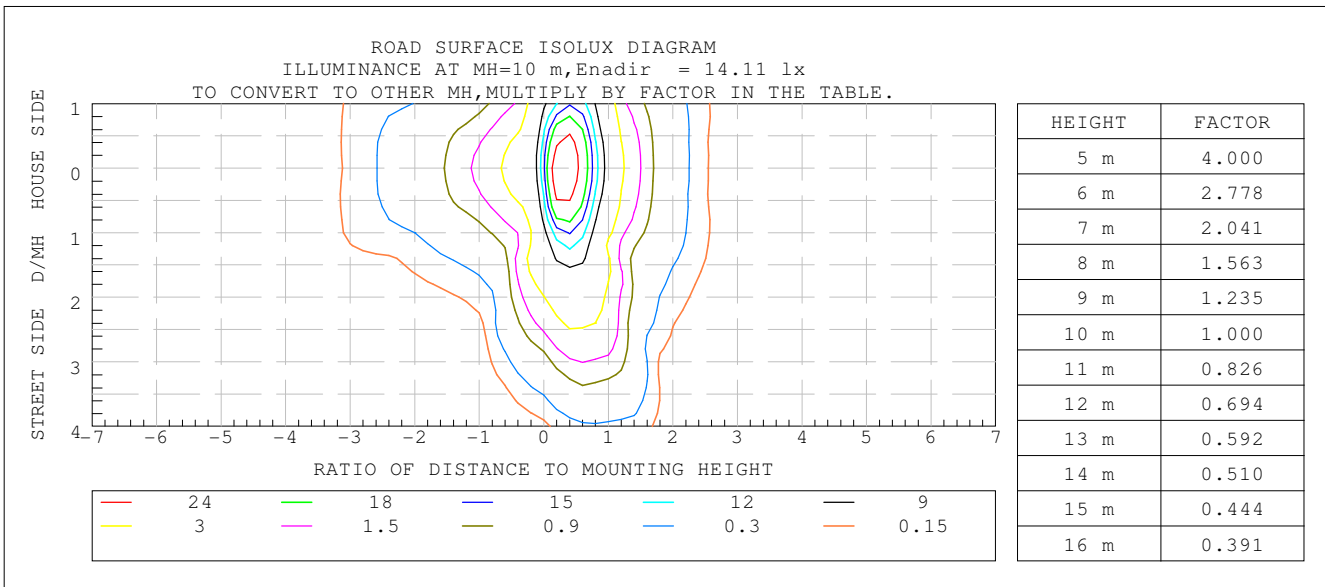
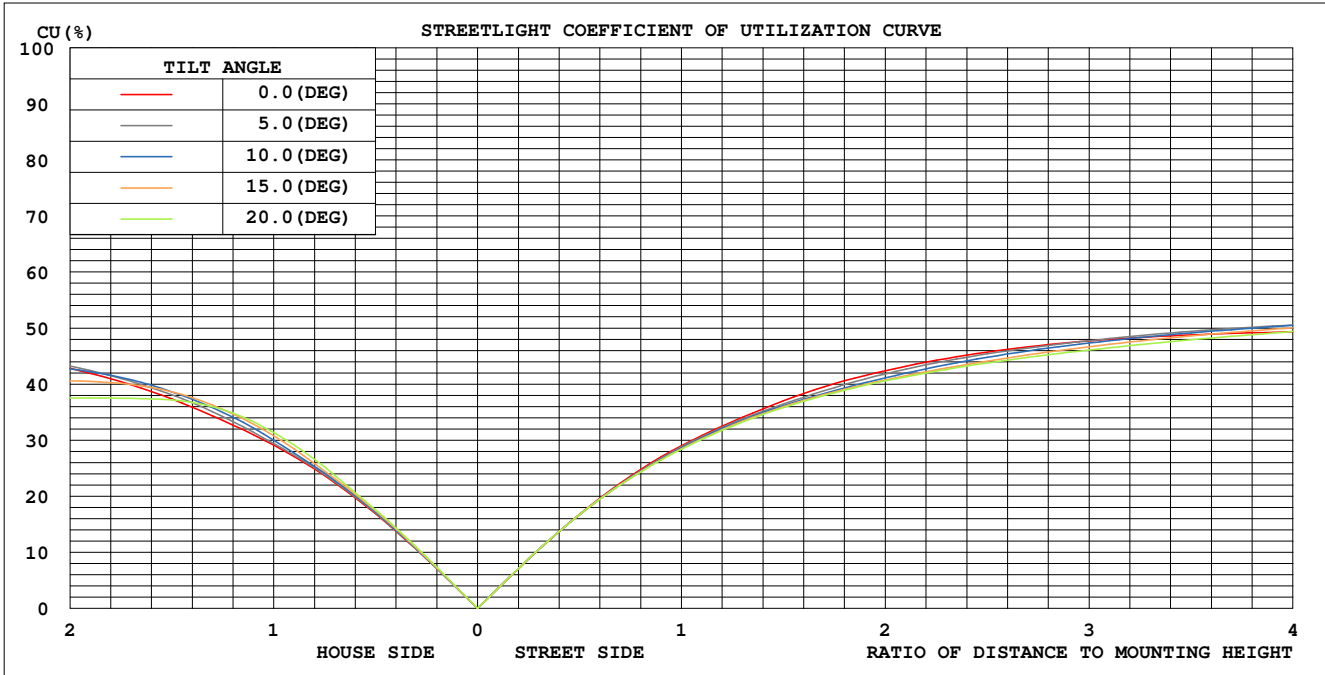
IES:Type IV - Short
 CIE:Narrow - Short
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:41.86cd/klm
 Max.At90:0.4044cd/klm
 Max.80-90:41.86cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	7292
— 90%	6563
— 80%	5834
— 70%	5105
— 60%	4375
— 50%	3646
— 40%	2917
— 30%	2188
— 20%	1458
— 10%	729
— 5%	365

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:LITPA
Test Date:10 June 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: LYS20-70WATT

COEFFICIENT OF UTILIZATION CURVE AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 10 June 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: LYS20-70WATT

ZONAL FLUX DIAGRAM

Test:U:230.46V I:0.2979A P:67.333W PF:0.9809 Freq:50.01Hz Lamp Flux:8097.3x1 lm		
NAME: LYS20	TYPE:OUTDOOR	WEIGHT:5kg
SPEC.:70 WATT	DIM.: 400X240X50	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

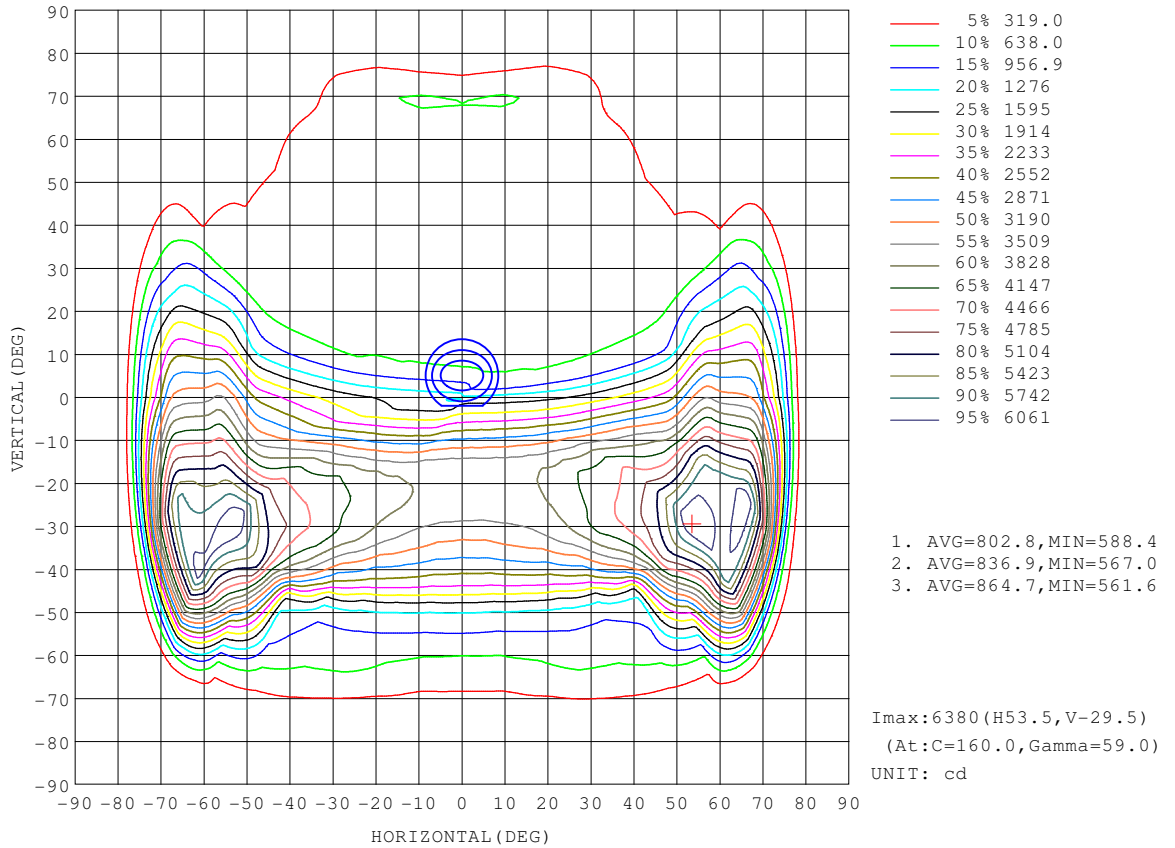
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	ϕ zone	ϕ total	ϕ lum, lamp
10	1337	2348	2825	2456	1385	637.9	554.4	657.4	0- 10	135.1	135.1	1.67,1.67
20	1420	3379	3644	3763	1487	542.2	546.3	617.1	10- 20	497.9	633.0	7.82,7.82
30	1620	3672	3326	4424	1690	505.4	509.6	579.7	20- 30	925.1	1558	19.2,19.2
40	1938	3697	2561	4469	2019	449.0	456.9	513.4	30- 40	1290	2848	35.2,35.2
50	2485	2776	1251	3597	2616	392.2	514.0	445.5	40- 50	1496	4344	53.6,53.6
60	3129	965.5	624.6	1279	3189	350.8	503.7	396.4	50- 60	1574	5918	73.1,73.1
70	2456	583.6	227.3	727.0	2413	275.8	604.6	300.7	60- 70	1471	7389	91.2,91.2
80	123.3	139.5	5.212	168.7	111.3	103.9	36.73	110.9	70- 80	673.9	8063	99.6,99.6
90	2.217	1.018	1.478	1.532	2.445	0.8721	0.7849	1.689	80- 90	34.69	8097	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:10 June 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: LYS20-70WATT

ISOCANDELA DIAGRAM

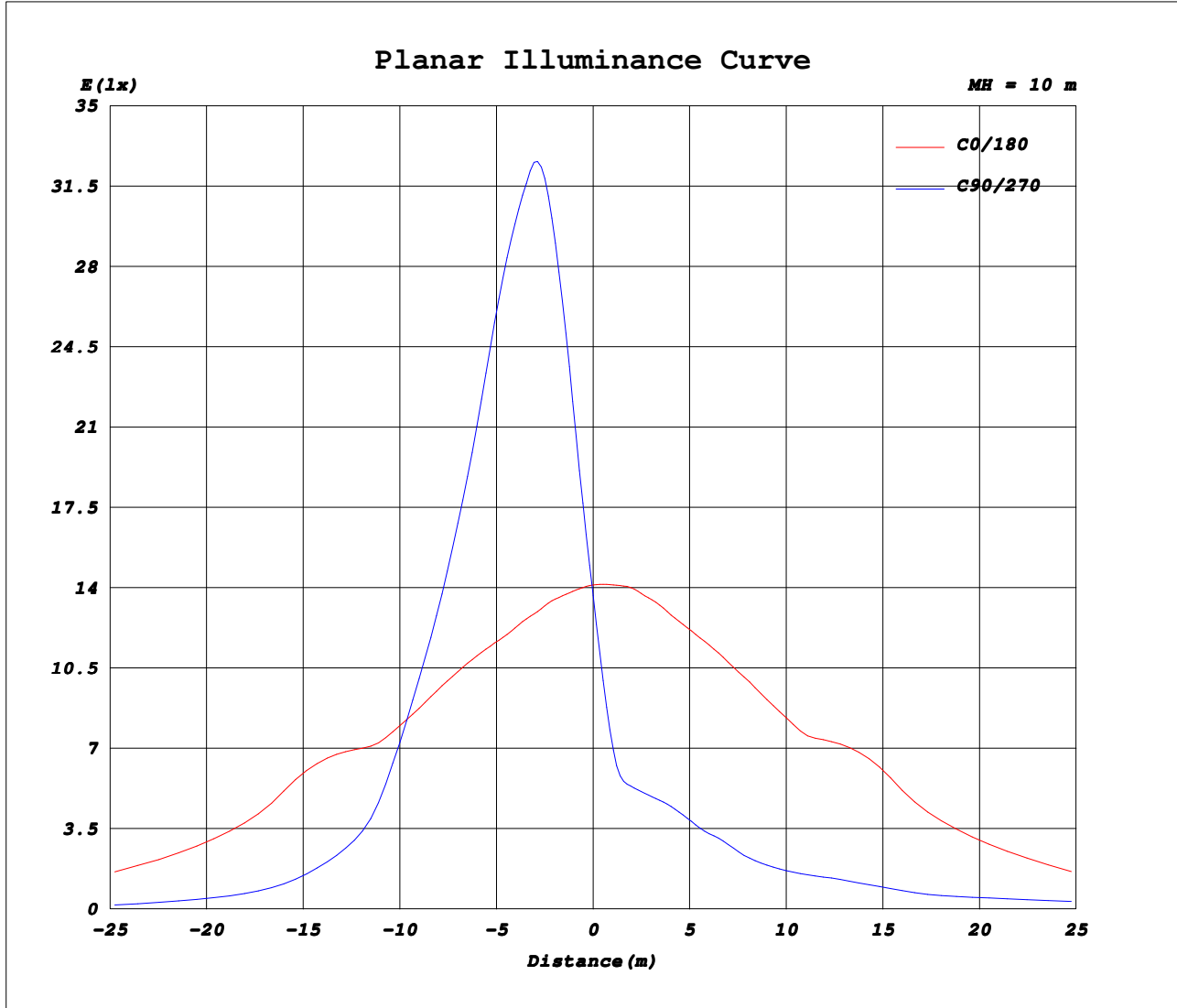
Test:U:230.46V I:0.2979A P:67.333W PF:0.9809 Freq:50.01Hz Lamp Flux:8097.3x1 lm		
NAME: LYS20	TYPE:OUTDOOR	WEIGHT:5kg
SPEC.:70 WATT	DIM.: 400X240X50	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:LITPA
Test Date:10 June 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: LYS20-70WATT

Planar Illuminance Curve



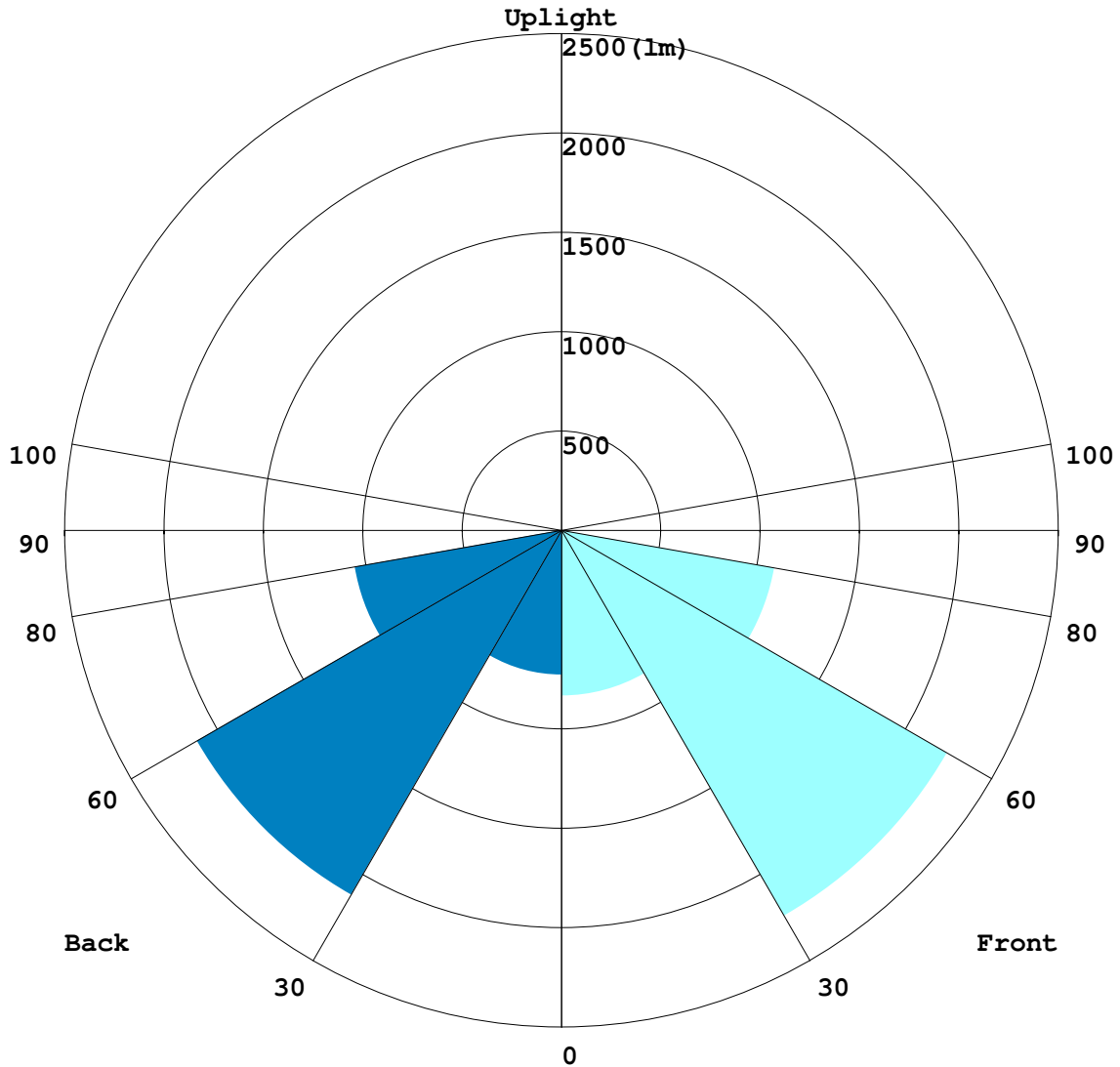
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 10 June 2020

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: LYS20-70WATT

LCS REPORT

Test:U:230.46V I:0.2979A P:67.333W PF:0.9809 Freq:50.01Hz Lamp Flux:8097.3x1 lm		
NAME: LYS20	TYPE:OUTDOOR	WEIGHT:5kg
SPEC.:70 WATT	DIM.: 400X240X50	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: 10 June 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: LYS20-70WATT

BUG REPORT

Test:U:230.46V I:0.2979A P:67.333W PF:0.9809 Freq:50.01Hz Lamp Flux:8097.3x1 lm		
NAME: LYS20	TYPE:OUTDOOR	WEIGHT:5kg
SPEC.:70 WATT	DIM.: 400X240X50	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	831.9	10.3
FM - Front-Medium(30-60)	2241	27.7
FH - Front-High(60-80)	1088.2	13.4
FVH - Front-Very High(80-90)	17.725	0.2
Total Forward Light	4178.9	51.6

BL - Back-Low(0-30)	726.15	9.0
BM - Back-Medium(30-60)	2118.6	26.2
BH - Back-High(60-80)	1056.6	13.0
BVH - Back-Very High(80-90)	16.97	0.2
Total Back Light	3918.4	48.4

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	B3-U0-G3
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	3918.4	0	3918.4
Street Side	4178.9	0	4178.9

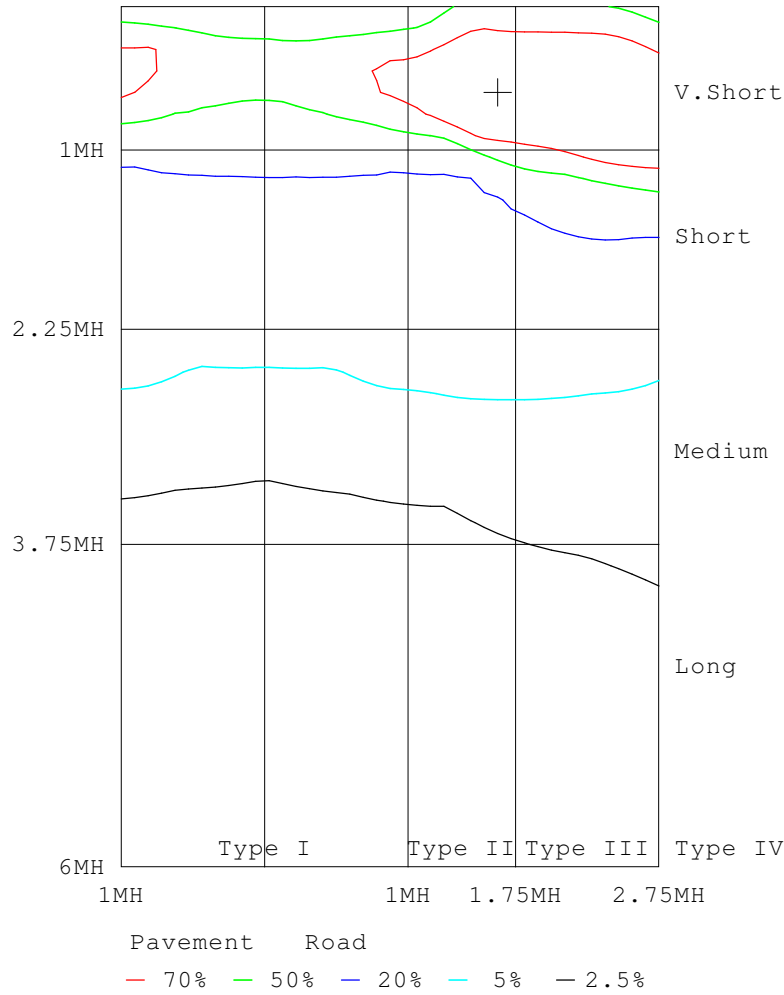
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:LITPA
Test Date:10 June 2020

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: LYS20-70WATT

ROAD ISOCANDELA REPORT

Test:U:230.46V I:0.2979A P:67.333W PF:0.9809 Freq:50.01Hz Lamp Flux:8097.3x1 lm		
NAME: LYS20	TYPE:OUTDOOR	WEIGHT:5kg
SPEC.:70 WATT	DIM.: 400X240X50	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: 10 June 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: LYS20-70WATT

