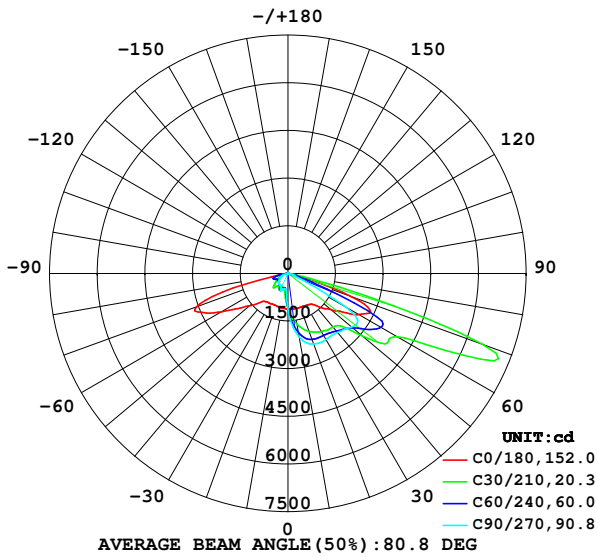
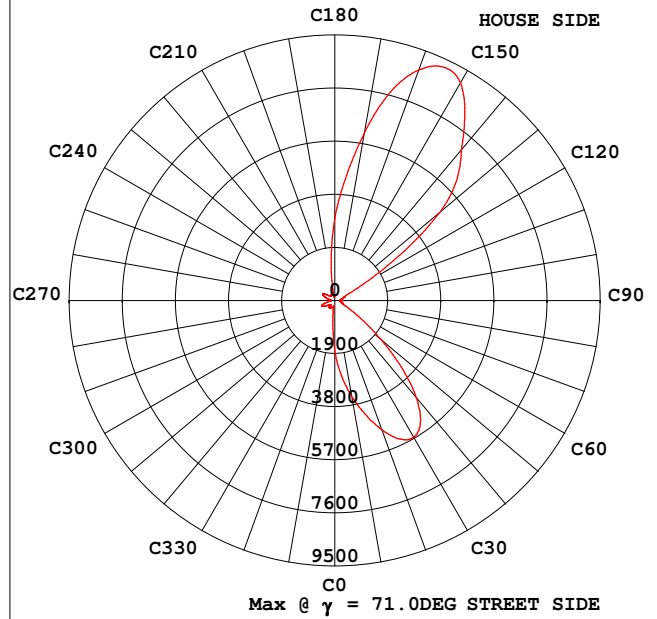


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:230.40V I:0.2983A P:67.393W PF:0.9807 Freq:50.01Hz Lamp Flux:8049.01x1 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: 119.43 lm/W			
MODEL		I _{max} (cd)	9009	η street_up (%)	0.0
NOMINAL POWER (W)	70 WATT	LOR (%)	100.0	η street_down (%)	51.0
RATED VOLTAGE (V)	230.0	TOTAL FLUX (lm)	8049	η house_up (%)	0.0
NOMINAL FLUX (lm)	8049.01	MAXIMUM @ (C, γ)	150, 71.0	η house_down (%)	49.0
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	230	η down (%)	100.0	SLI	16.789

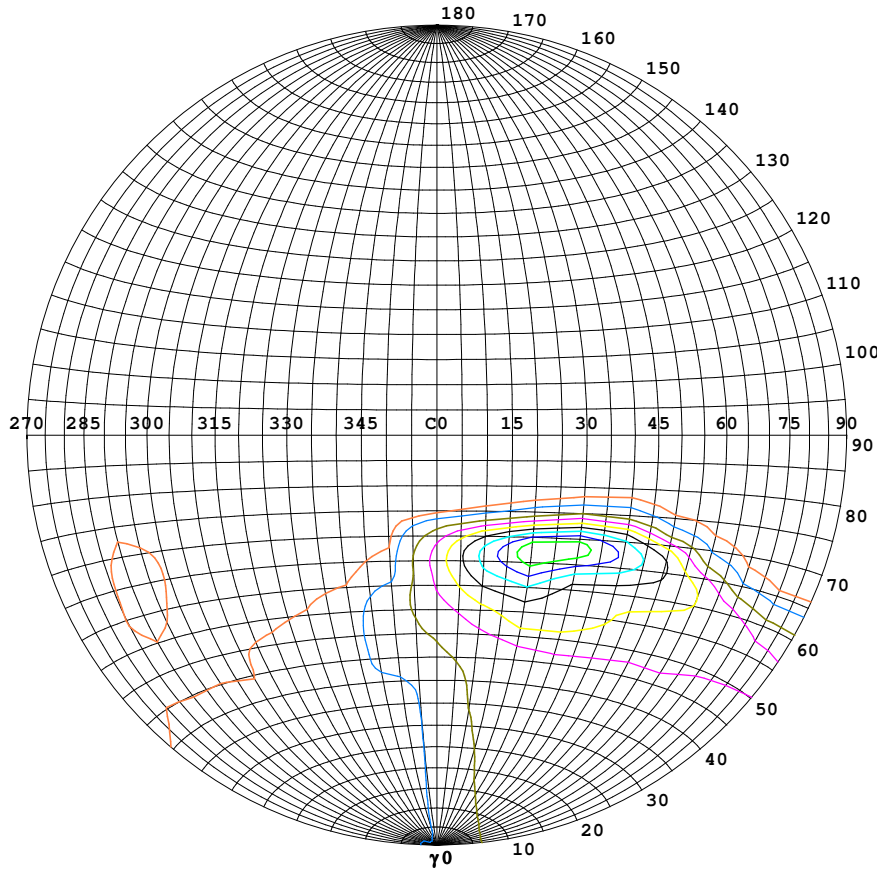
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 11.06.2020

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:230.40V I:0.2983A P:67.393W PF:0.9807 Freq:50.01Hz Lamp Flux:8049.01x1 lm		
NAME: LYS20	TYPE:OUTDOOR	WEIGHT:5kg
SPEC.:70 WATT	DIM.: 400X240X50	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



Classification:

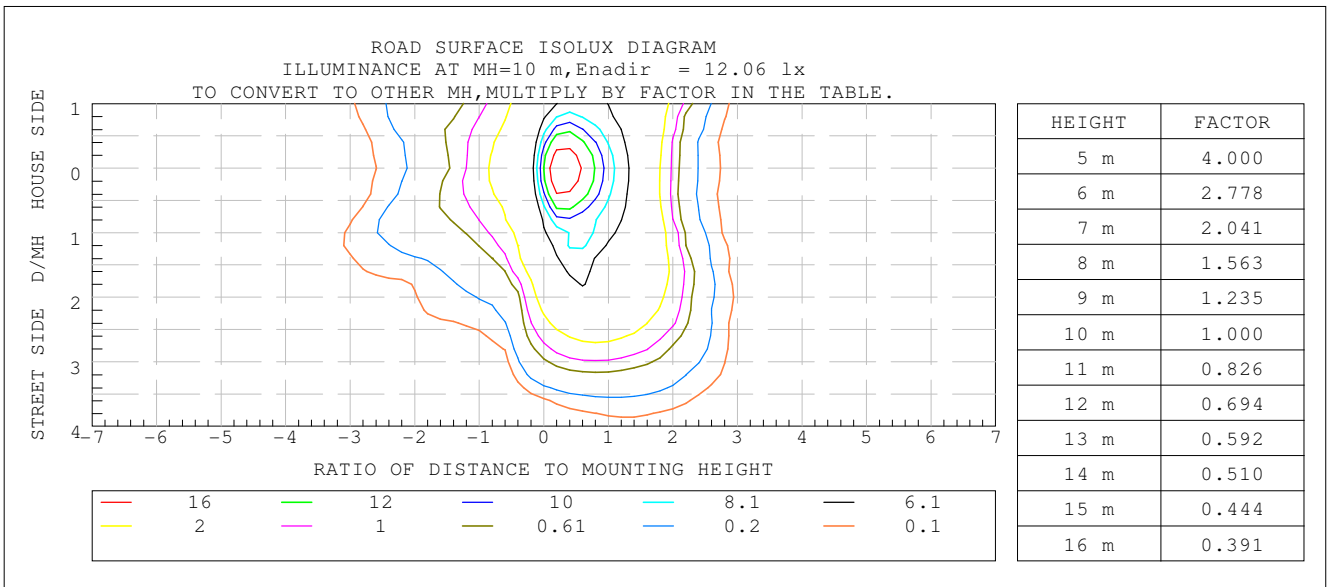
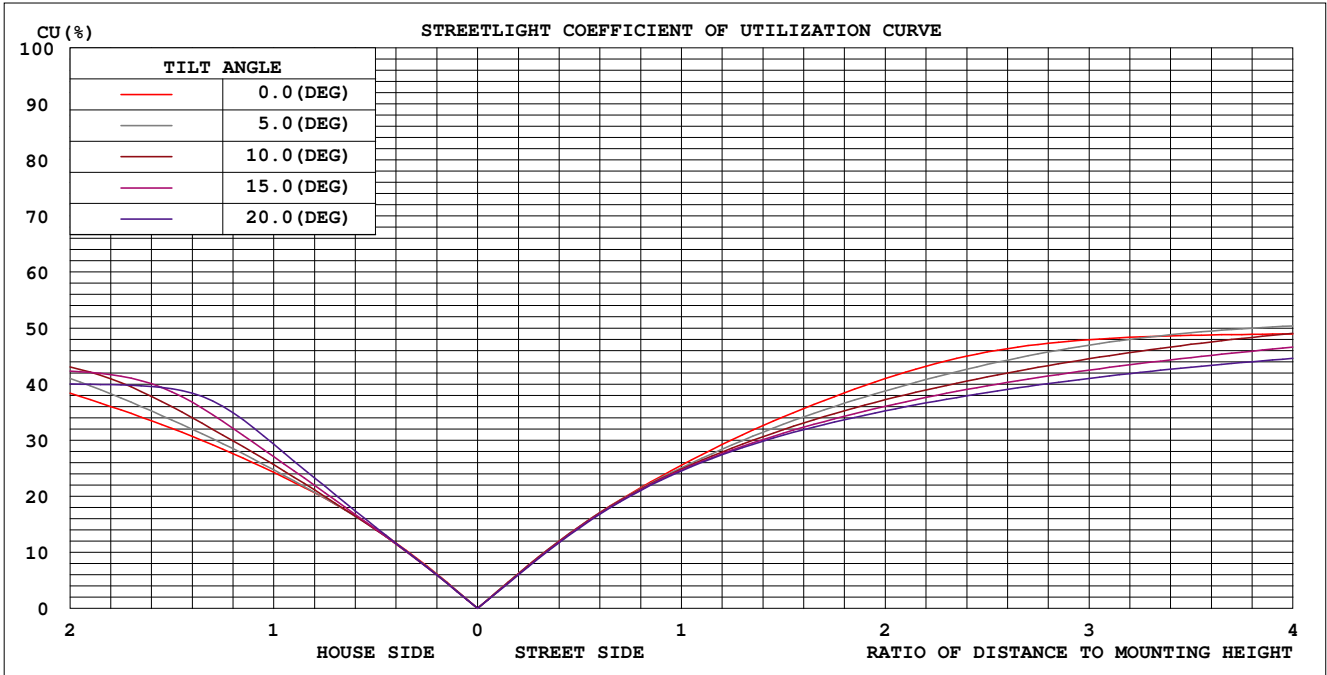
IES:Type III - Medium
 CIE:Narrow - Long
 IES:Semi cut-off
 CIE:Non-cut-off
 Max.At80:151.8cd/klm
 Max.At90:0.7407cd/klm
 Max.80-90:151.8cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	9009
— 90%	8108
— 80%	7207
— 70%	6306
— 60%	5406
— 50%	4505
— 40%	3604
— 30%	2703
— 20%	1802
— 10%	901
— 5%	450

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:LITPA
Test Date:11.06.2020

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: 11.06.2020

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:230.40V I:0.2983A P:67.393W PF:0.9807 Freq:50.01Hz Lamp Flux:8049.01x1 lm		
NAME: LYS20	TYPE:OUTDOOR	WEIGHT:5kg
SPEC.:70 WATT	DIM.: 400X240X50	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

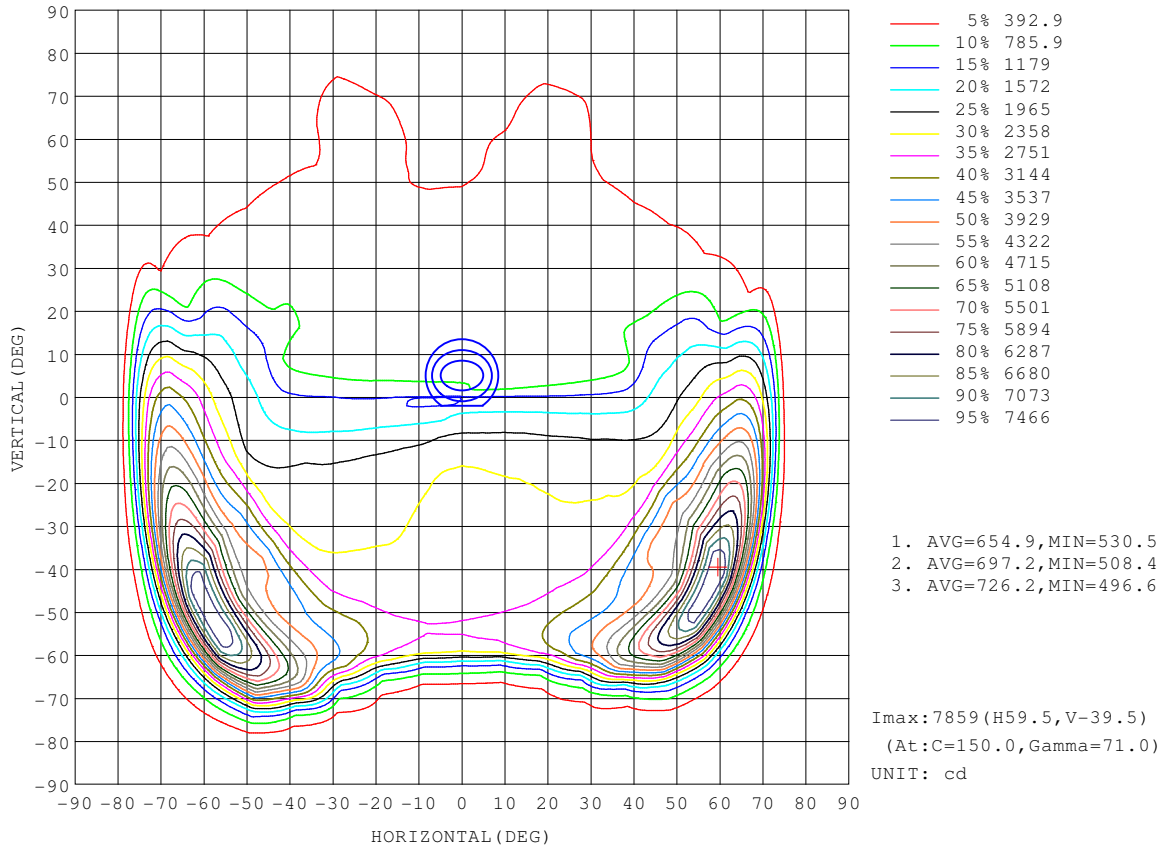
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	ϕ zone	ϕ total	ϕ lum, lamp
10	1134	1766	2018	1904	1104	519.0	502.0	591.5	0- 10	108.9	108.9	1.35,1.35
20	1136	2125	2367	2346	1089	501.5	517.6	621.4	10- 20	358.6	467.5	5.81,5.81
30	1164	2212	2405	2480	1100	538.3	475.6	653.5	20- 30	624.7	1092	13.6,13.6
40	1299	2275	2428	2550	1154	478.4	439.7	541.0	30- 40	867.1	1959	24.3,24.3
50	1783	2797	2622	2871	1596	424.7	373.2	512.3	40- 50	1169	3128	38.9,38.9
60	2596	3755	2086	4083	2422	381.7	286.2	407.5	50- 60	1704	4832	60,60
70	2121	4020	233.7	6018	3050	272.8	193.9	294.1	60- 70	2126	6959	86.5,86.5
80	40.37	130.4	6.089	796.7	220.0	106.7	14.18	89.76	70- 80	1043	8001	99.4,99.4
90	2.000	0.8309	1.208	3.568	3.565	2.901	0.6444	5.134	80- 90	47.87	8049	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:11.06.2020

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

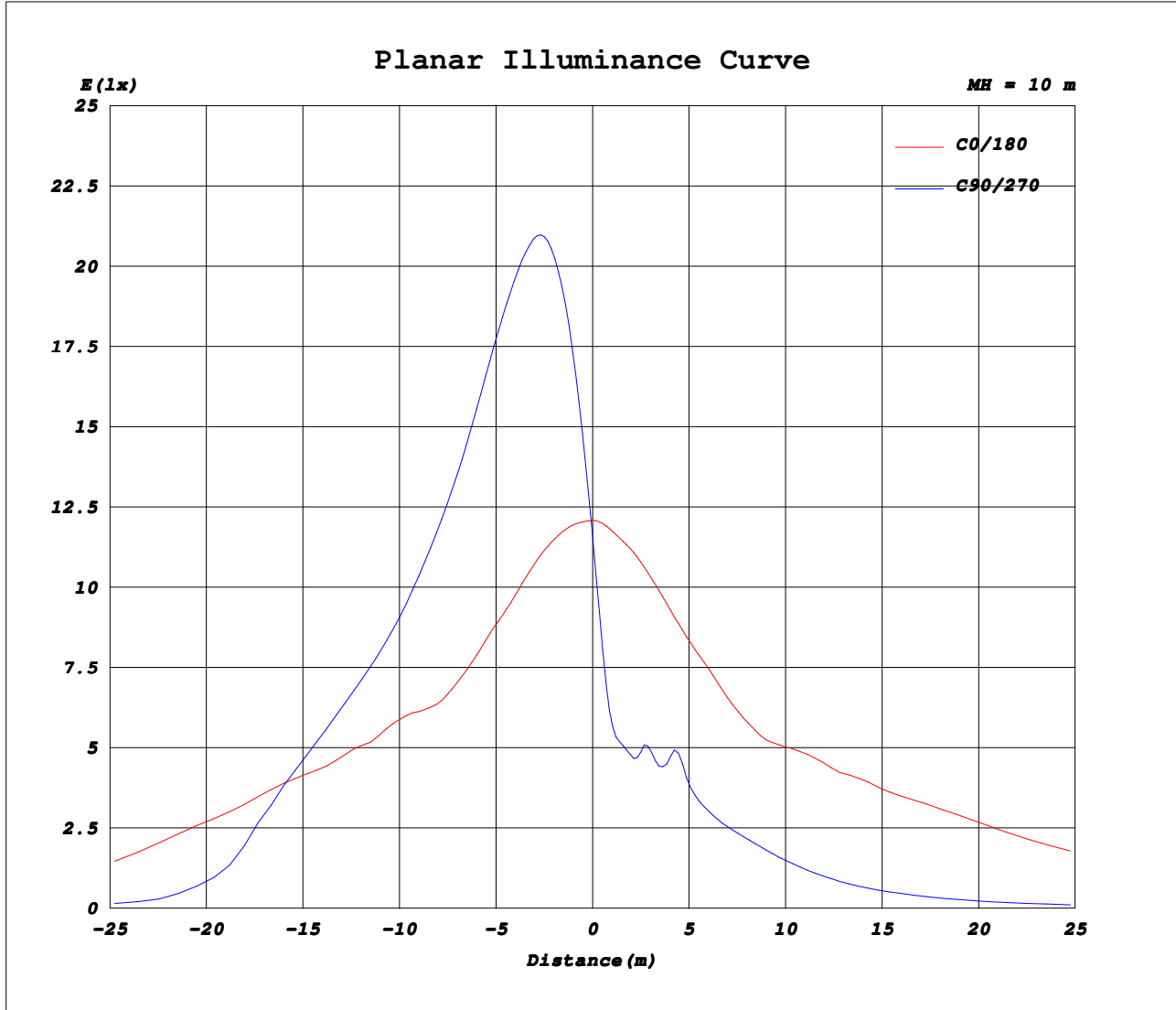
Test:U:230.40V I:0.2983A P:67.393W PF:0.9807 Freq:50.01Hz Lamp Flux:8049.01x1 lm		
NAME: LYS20	TYPE:OUTDOOR	WEIGHT:5kg
SPEC.:70 WATT	DIM.: 400X240X50	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 11.06.2020

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



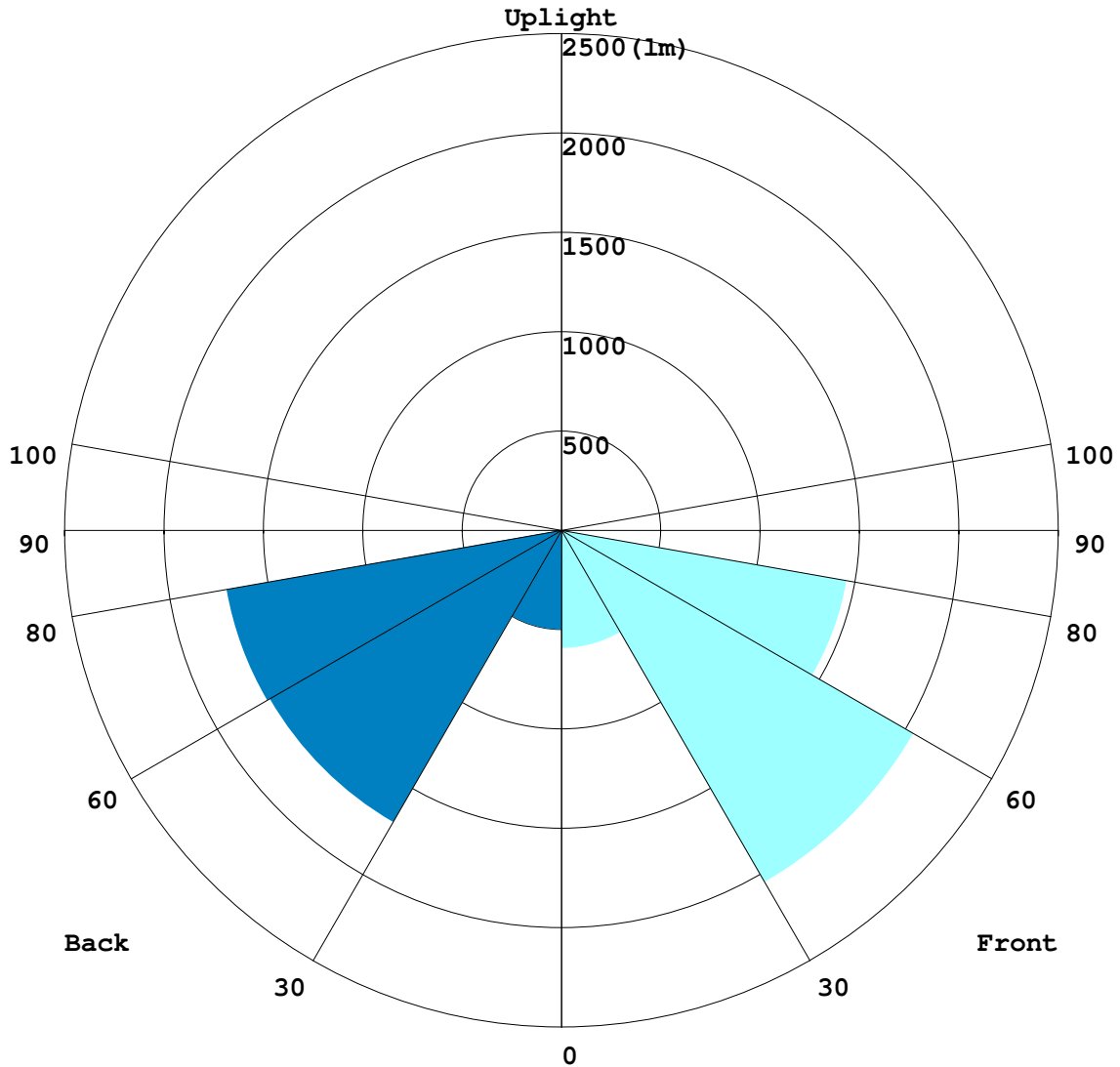
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 11.06.2020

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:230.40V I:0.2983A P:67.393W PF:0.9807 Freq:50.01Hz Lamp Flux:8049.01x1 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: 11.06.2020

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:230.40V I:0.2983A P:67.393W PF:0.9807 Freq:50.01Hz Lamp Flux:8049.01x1 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)	592.4	7.4
FM - Front-Medium(30-60)	2045.1	25.4
FH - Front-High(60-80)	1458.2	18.1
FVH - Front-Very High(80-90)	11.188	0.1
Total Forward Light	4106.9	51.0

BL - Back-Low(0-30)	499.76	6.2
BM - Back-Medium(30-60)	1695.2	21.1
BH - Back-High(60-80)	1710.5	21.3
BVH - Back-Very High(80-90)	36.685	0.5
Total Back Light	3942.1	49.0

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	B3-U0-G3
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	3942.1	0	3942.1
Street Side	4106.9	0	4106.9

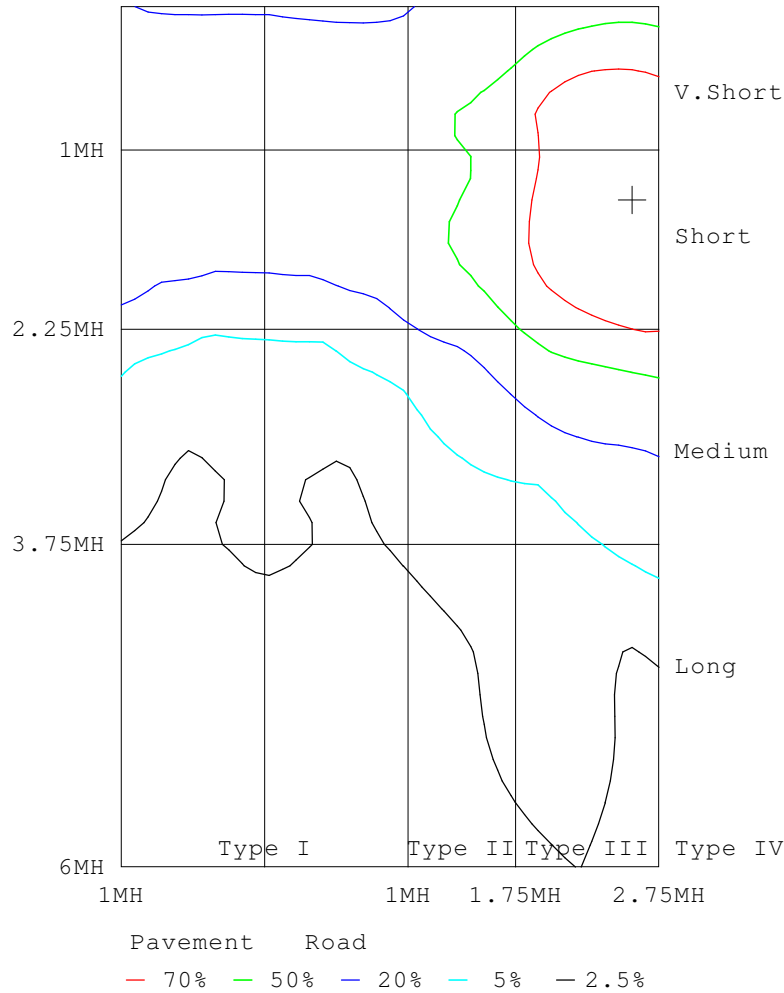
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:LITPA
Test Date:11.06.2020

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:230.40V I:0.2983A P:67.393W PF:0.9807 Freq:50.01Hz Lamp Flux:8049.01x1 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: 11.06.2020

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

