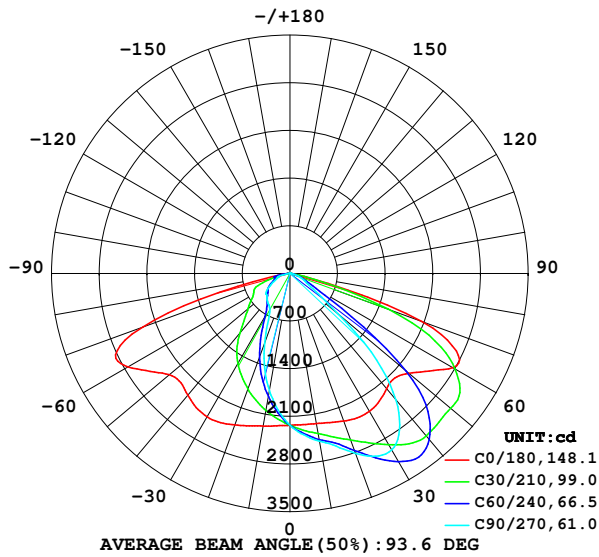
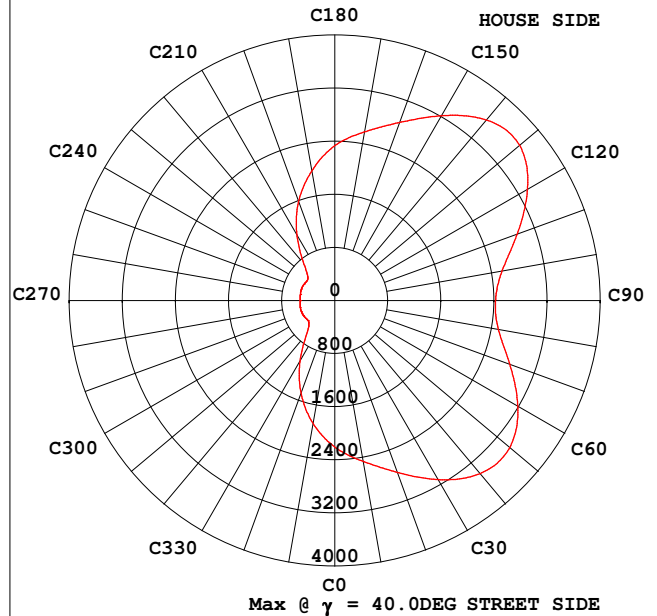


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:230.36V I:0.2950A P:66.787W PF:0.9828 Freq:50.01Hz Lamp Flux:7365.92x1 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: 110.29 lm/W			
MODEL		I _{max} (cd)	3637	η street_up (%)	0.0
NOMINAL POWER (W)	70 WATT	LOR (%)	100.0	η street_down (%)	49.5
RATED VOLTAGE (V)	230.0	TOTAL FLUX (lm)	7366	η house_up (%)	0.0
NOMINAL FLUX (lm)	7365.92	MAXIMUM @ (C, γ)	130,40.0	η house_down (%)	50.5
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	230	η down (%)	100.0	SLI	17.921

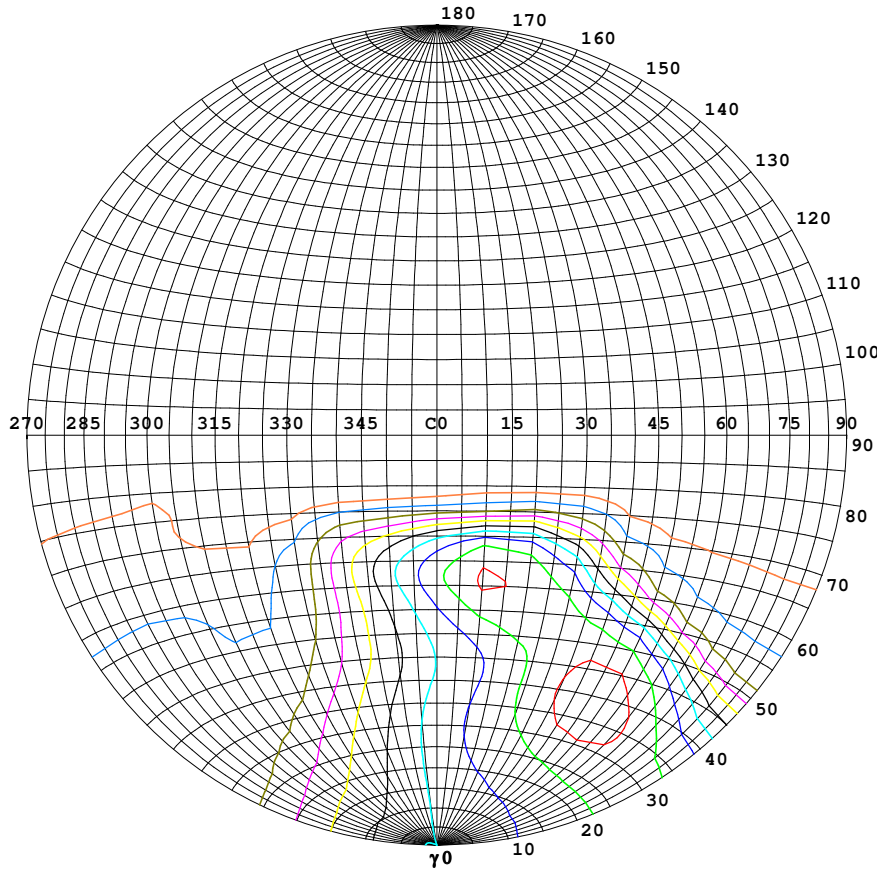
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

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:230.36V I:0.2950A P:66.787W PF:0.9828 Freq:50.01Hz Lamp Flux:7365.92x1 lm		
NAME: LYS20	TYPE:OUTDOOR	WEIGHT:5kg
SPEC.:70 WATT	DIM.: 400X240X50	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



Classification:

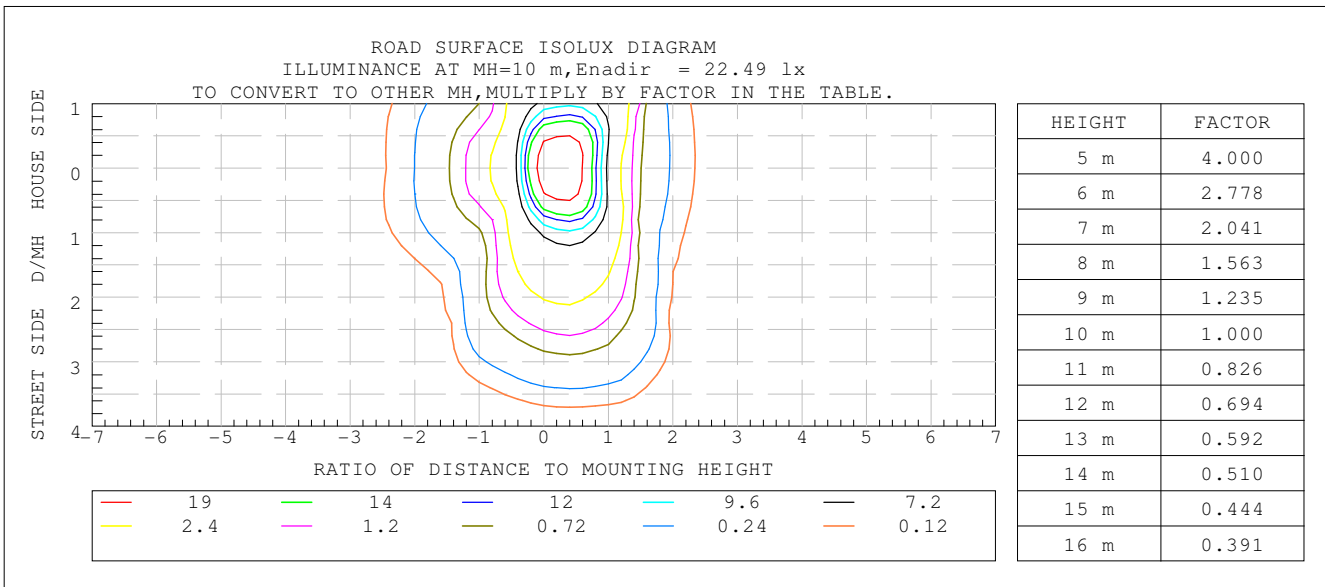
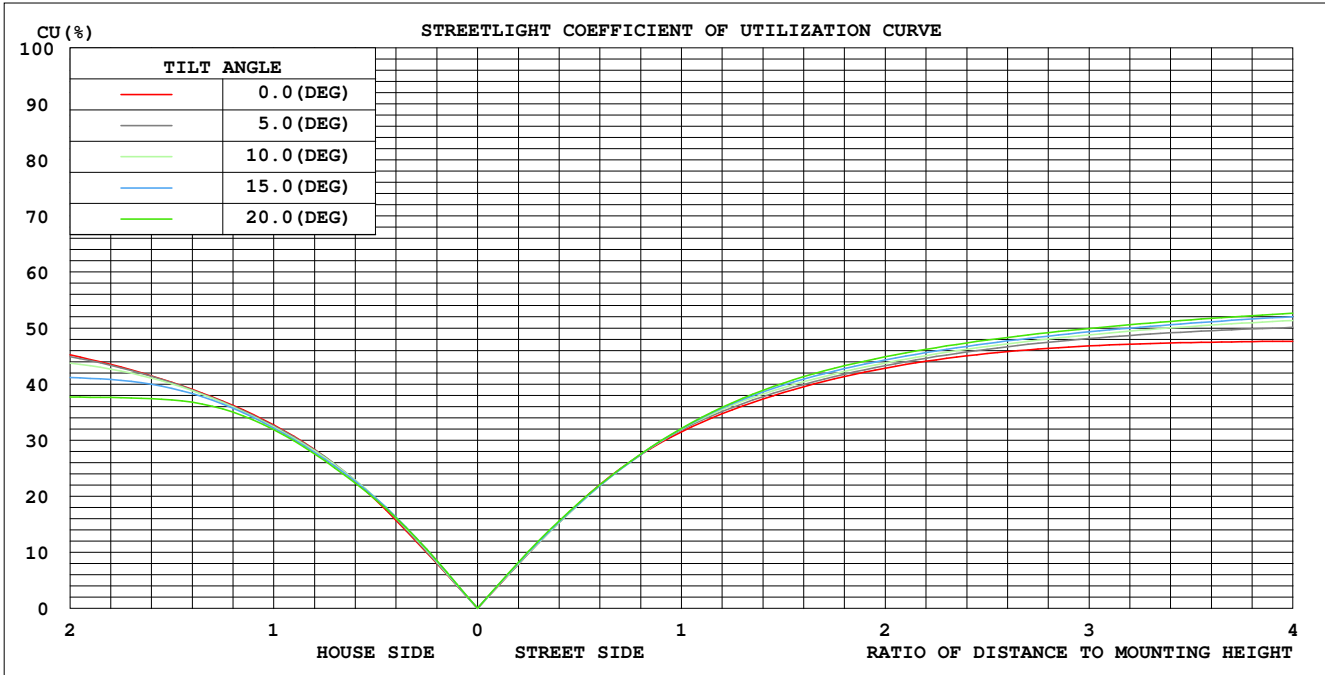
IES:Type III - Very Short
 CIE:Broad - Short
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:51.18cd/klm
 Max.At90:0.5257cd/klm
 Max.80-90:51.18cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	3637
— 90%	3273
— 80%	2910
— 70%	2546
— 60%	2182
— 50%	1819
— 40%	1455
— 30%	1091
— 20%	727
— 10%	364
— 5%	182

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:230.36V I:0.2950A P:66.787W PF:0.9828 Freq:50.01Hz Lamp Flux:7365.92x1 lm		
NAME: LYS20	TYPE:OUTDOOR	WEIGHT:5kg
SPEC.:70 WATT	DIM.: 400X240X50	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

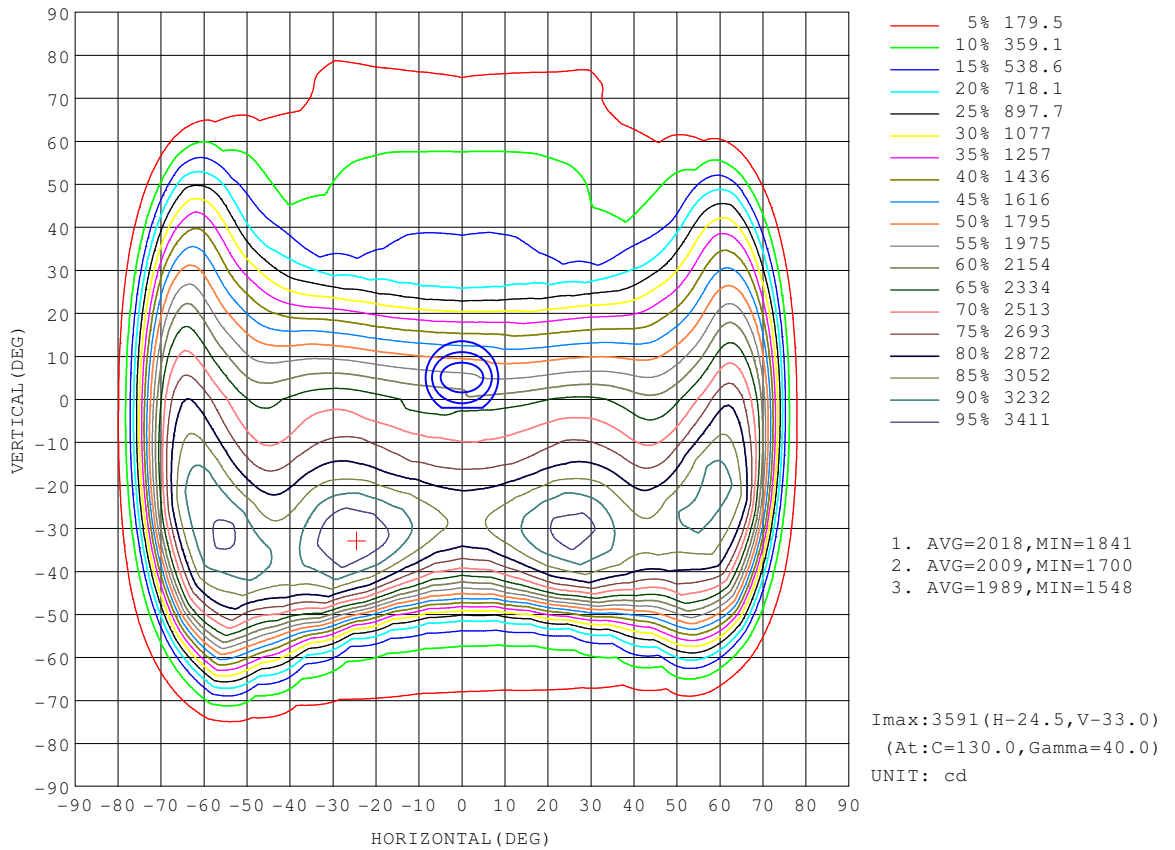
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	ϕ zone	ϕ total	$\%lum, lamp$
10	2239	2441	2500	2494	2276	1931	1747	1887	0- 10	210.7	210.7	2.86,2.86
20	2307	2682	2810	2763	2367	1537	1091	1477	10- 20	610.5	821.3	11.1,11.1
30	2339	3160	2991	3241	2432	1074	599.5	1010	20- 30	977.4	1799	24.4,24.4
40	2208	3423	2423	3595	2334	630.5	521.2	587.6	30- 40	1284	3083	41.9,41.9
50	2282	2986	915.5	3287	2316	419.6	464.3	400.5	40- 50	1389	4472	60.7,60.7
60	2766	1462	285.5	2264	2748	322.0	316.3	299.6	50- 60	1295	5767	78.3,78.3
70	2064	335.5	153.0	781.9	2297	211.8	196.0	174.1	60- 70	1108	6875	93.3,93.3
80	84.42	63.83	6.817	138.1	161.5	83.52	37.14	49.81	70- 80	459.6	7335	99.6,99.6
90	1.599	0.6732	0.8026	2.598	3.872	0.7612	0.6802	1.334	80- 90	31.36	7366	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

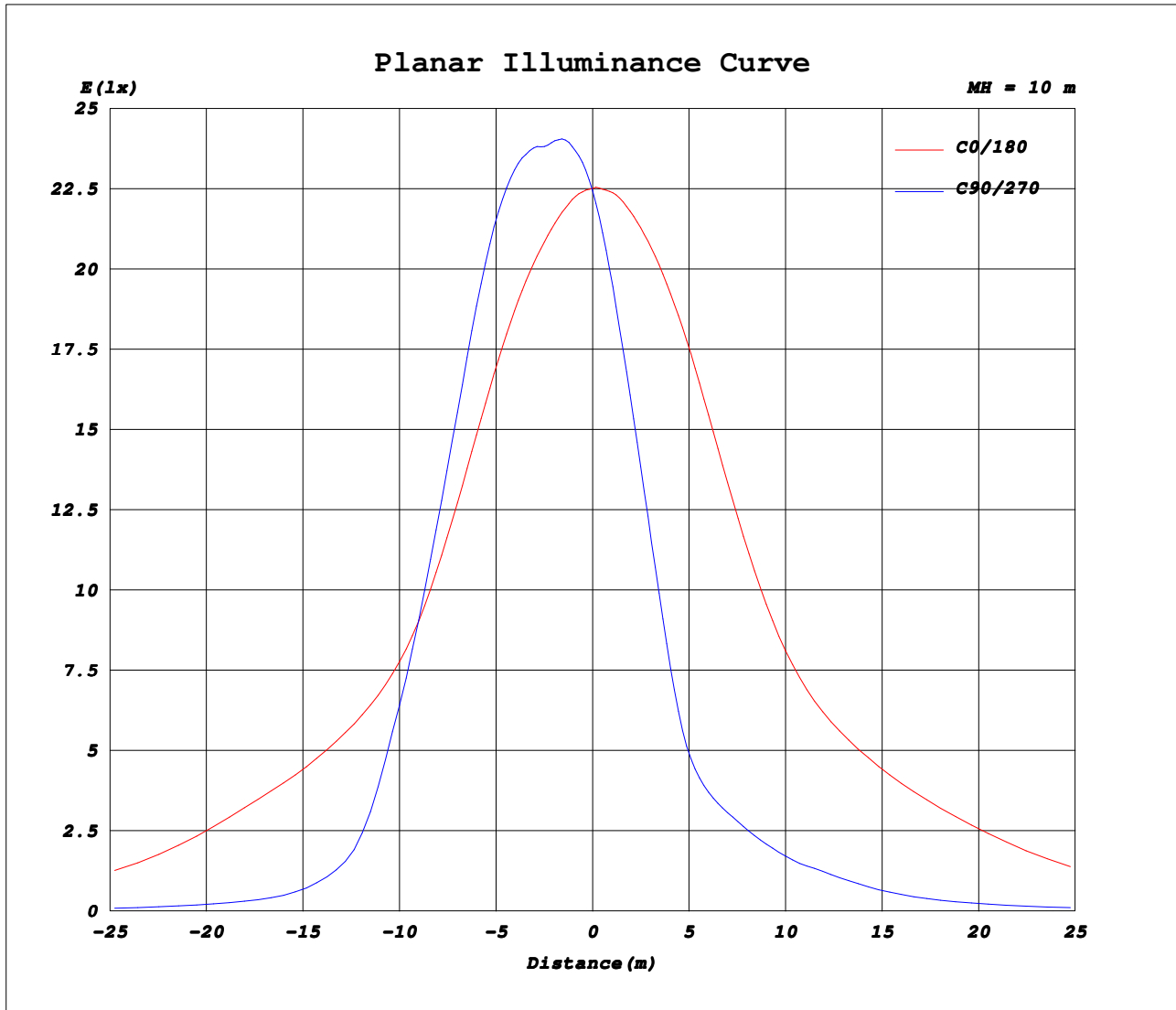
Test:U:230.36V I:0.2950A P:66.787W PF:0.9828 Freq:50.01Hz Lamp Flux:7365.92x1 lm		
NAME: LYS20	TYPE:OUTDOOR	WEIGHT:5kg
SPEC.:70 WATT	DIM.: 400X240X50	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



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



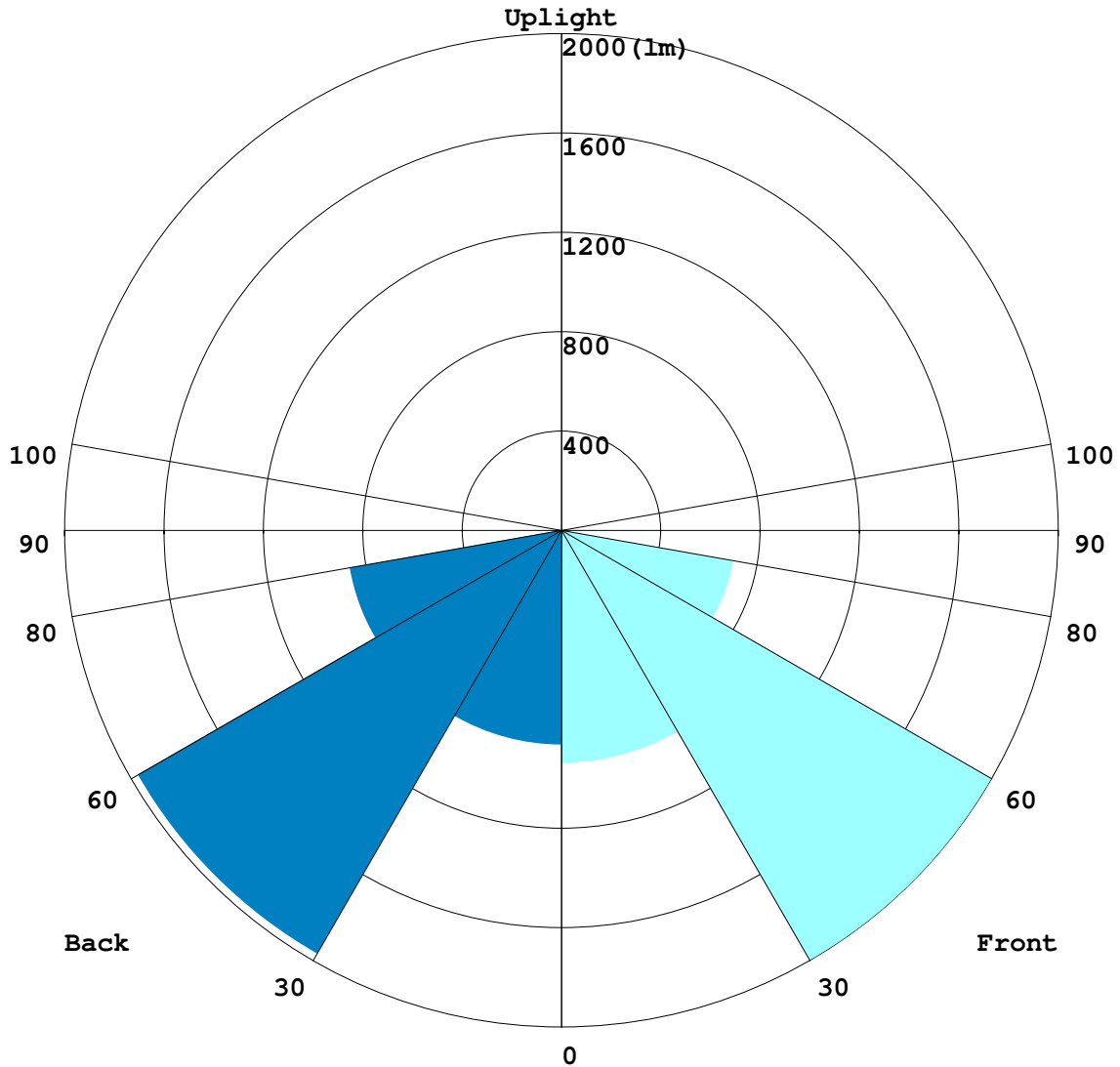
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 10 June 2020

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:230.36V I:0.2950A P:66.787W PF:0.9828 Freq:50.01Hz Lamp Flux:7365.92x1 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:230.36V I:0.2950A P:66.787W PF:0.9828 Freq:50.01Hz Lamp Flux:7365.92x1 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)	936.15	12.7
FM - Front-Medium(30-60)	1999.9	27.2
FH - Front-High(60-80)	702.68	9.5
FVH - Front-Very High(80-90)	9.7017	0.1
Total Forward Light	3648.4	49.5

BL - Back-Low(0-30)	862.49	11.7
BM - Back-Medium(30-60)	1968.3	26.7
BH - Back-High(60-80)	865.1	11.7
BVH - Back-Very High(80-90)	21.656	0.3
Total Back Light	3717.5	50.5

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	B2-U0-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	3717.5	0	3717.5
Street Side	3648.4	0	3648.4

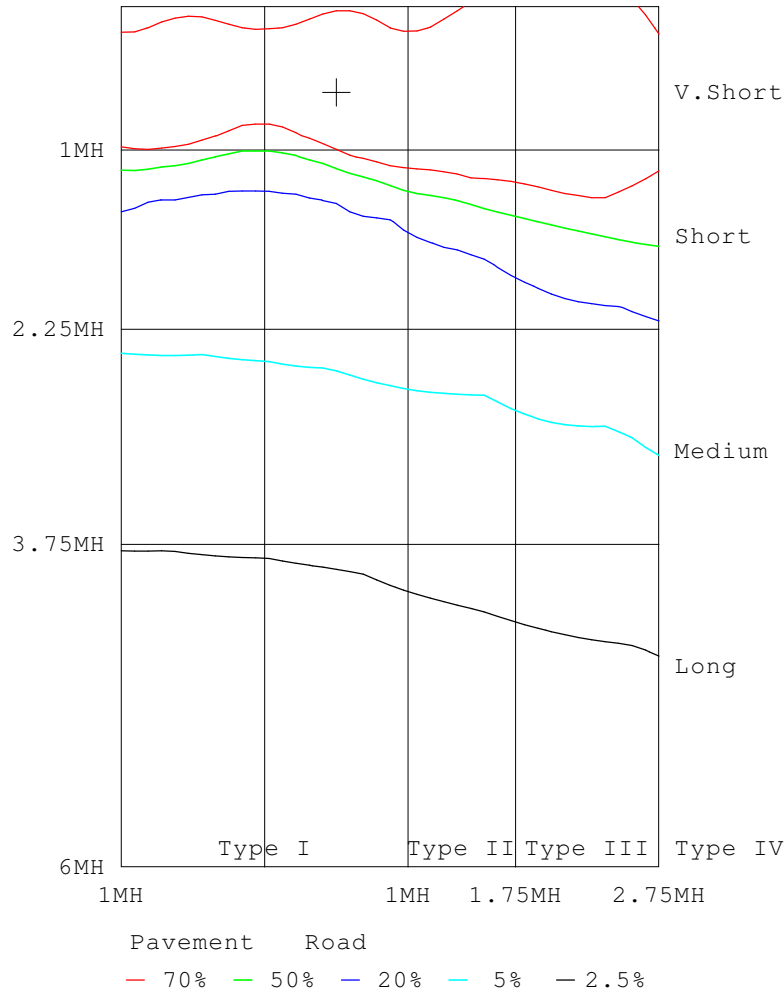
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 10 June 2020

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:230.36V I:0.2950A P:66.787W PF:0.9828 Freq:50.01Hz Lamp Flux:7365.92x1 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

