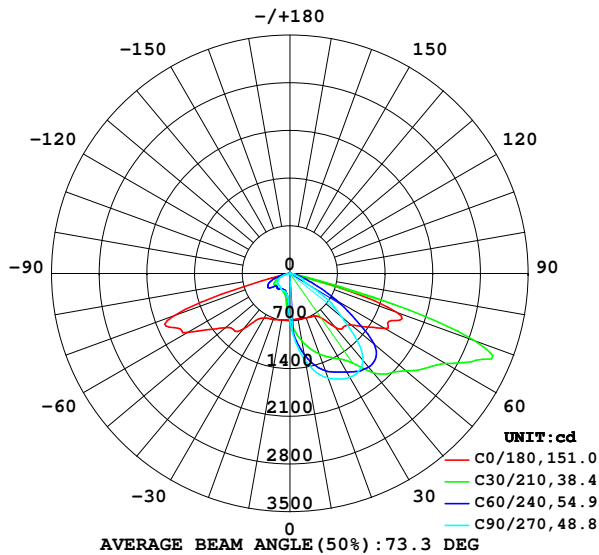
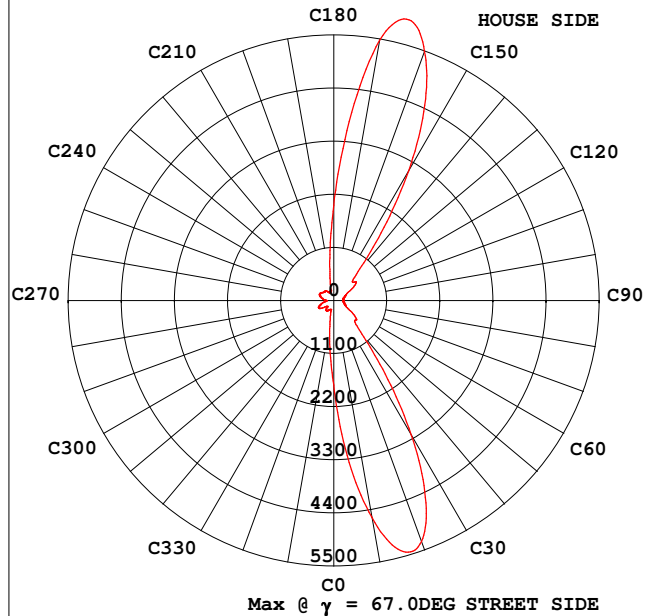


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:230.52V I:0.1605A P:35.219W PF:0.9517 Freq:50.01Hz Lamp Flux:4581.33x1 lm		
NAME: LYS20	TYPE:OUTDOOR	WEIGHT:5kg
SPEC.:35 WATT	DIM.: 400X240X50	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 130.08 lm/W			
MODEL	LYS20	I _{max} (cd)	5500	η street_up (%)	0.0
NOMINAL POWER (W)	35 WATT	LOR (%)	100.0	η street_down (%)	51.3
RATED VOLTAGE (V)	230.0	TOTAL FLUX (lm)	4581	η house_up (%)	0.0
NOMINAL FLUX (lm)	4581.33	MAXIMUM @ (C, γ)	160,67.0	η house_down (%)	48.7
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	230	η down (%)	100.0	SLI	16.664

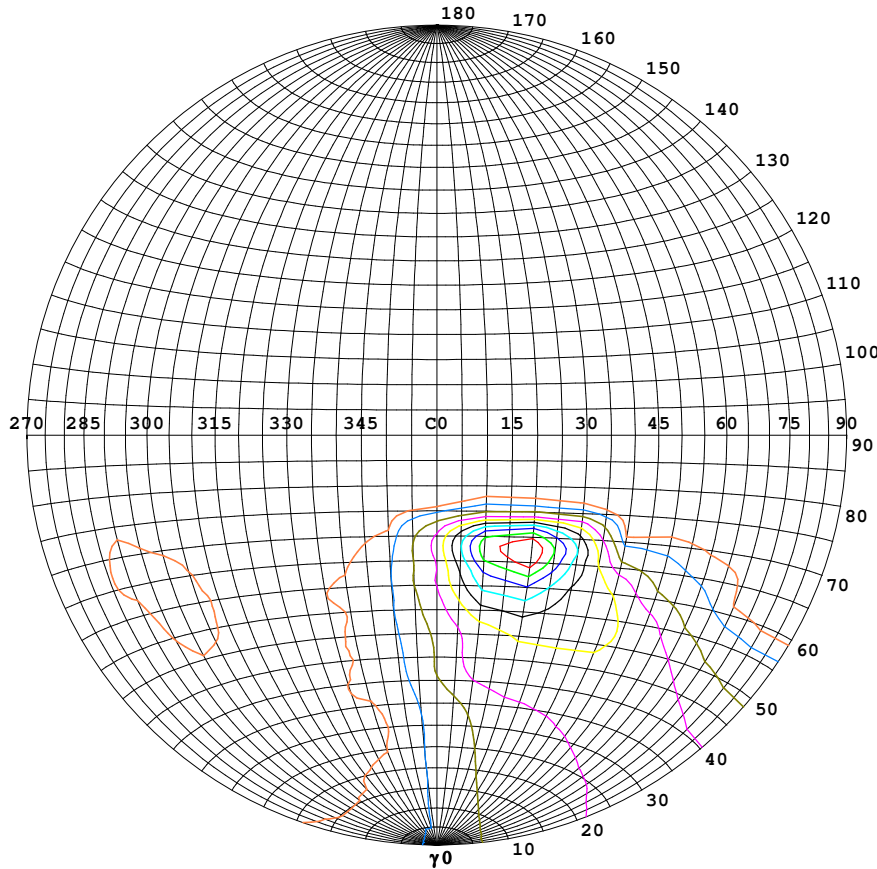
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 08.10.2020

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: LYS20-35WATT

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:230.52V I:0.1605A P:35.219W PF:0.9517 Freq:50.01Hz Lamp Flux:4581.33x1 lm		
NAME: LYS20	TYPE:OUTDOOR	WEIGHT:5kg
SPEC.:35 WATT	DIM.: 400X240X50	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



Classification:

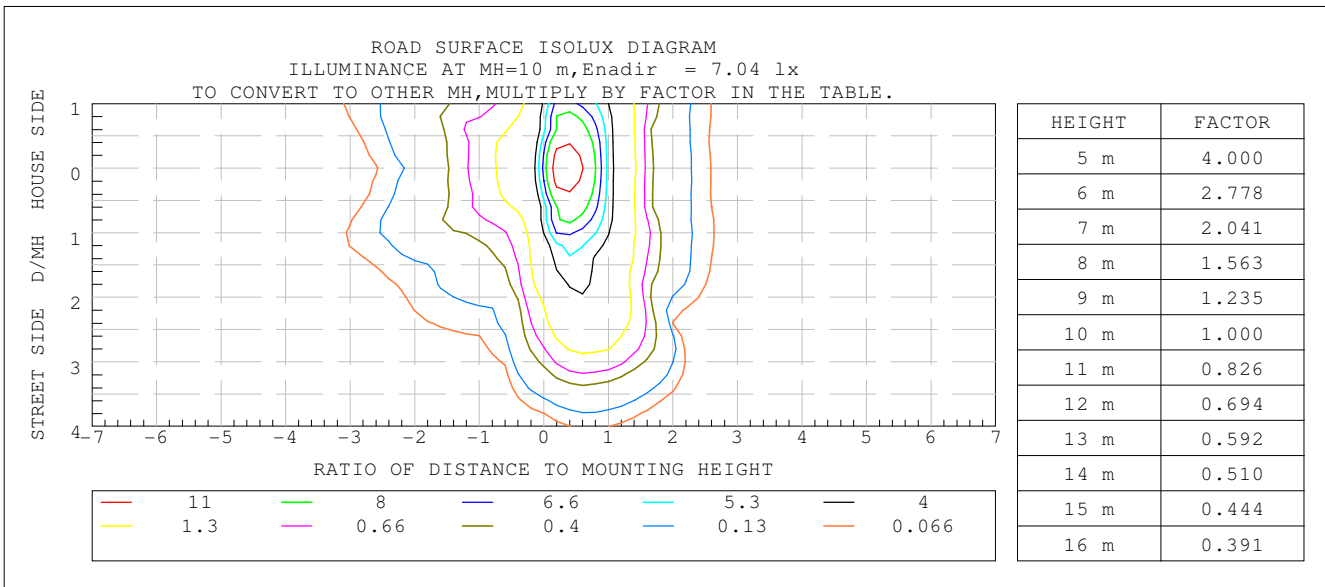
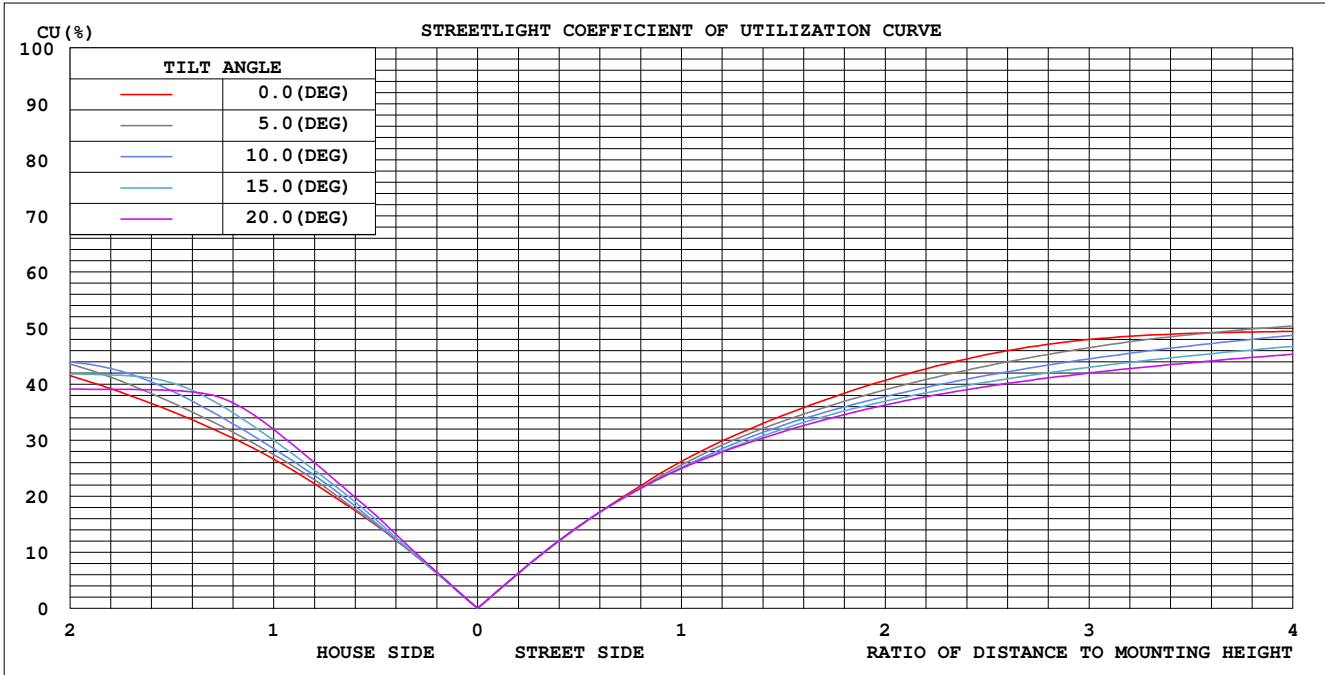
IES:Type III - Short
 CIE:Broad - Intermediate
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:23.71cd/klm
 Max.At90:0.9188cd/klm
 Max.80-90:23.71cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	5500
— 90%	4950
— 80%	4400
— 70%	3850
— 60%	3300
— 50%	2750
— 40%	2200
— 30%	1650
— 20%	1100
— 10%	550
— 5%	275

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:LITPA
Test Date:08.10.2020

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: LYS20-35WATT

COEFFICIENT OF UTILIZATION CURVE AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 08.10.2020

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: LYS20-35WATT

ZONAL FLUX DIAGRAM

Test:U:230.52V I:0.1605A P:35.219W PF:0.9517 Freq:50.01Hz Lamp Flux:4581.33x1 lm		
NAME: LYS20	TYPE:OUTDOOR	WEIGHT:5kg
SPEC.:35 WATT	DIM.: 400X240X50	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

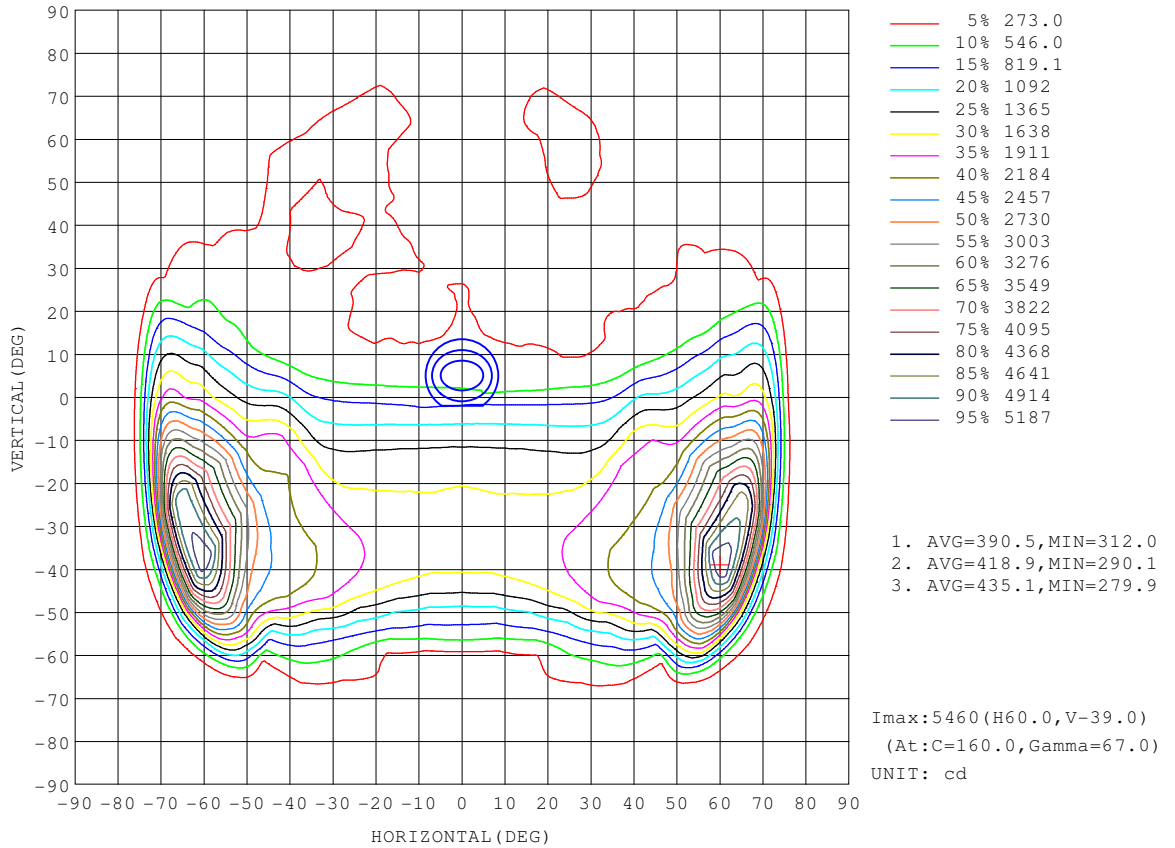
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	ϕ zone	ϕ total	$\%lum, lamp$
10	680.4	1118	1296	1152	693.5	311.7	305.5	315.8	0- 10	66.84	66.84	1.46,1.46
20	695.7	1422	1633	1480	721.4	263.7	275.5	271.7	10- 20	224.7	291.6	6.36,6.36
30	724.7	1600	1761	1679	758.5	256.9	264.5	264.6	20- 30	404.6	696.2	15.2,15.2
40	1026	1893	1669	1976	1066	273.7	242.1	272.7	30- 40	610.7	1307	28.5,28.5
50	1179	2106	993.1	2186	1238	256.8	242.2	246.8	40- 50	834.7	2142	46.7,46.7
60	1618	1688	245.6	1655	1737	282.5	206.5	237.4	50- 60	960.9	3103	67.7,67.7
70	1669	396.3	122.4	354.0	1814	233.7	126.3	219.1	60- 70	1076	4179	91.2,91.2
80	40.62	33.11	35.21	33.53	39.58	60.40	17.30	63.38	70- 80	385.5	4564	99.6,99.6
90	1.200	0.4083	0.9889	1.955	1.327	0.7669	0.3490	2.209	80- 90	17.25	4581	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:08.10.2020

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: LYS20-35WATT

ISOCANDELA DIAGRAM

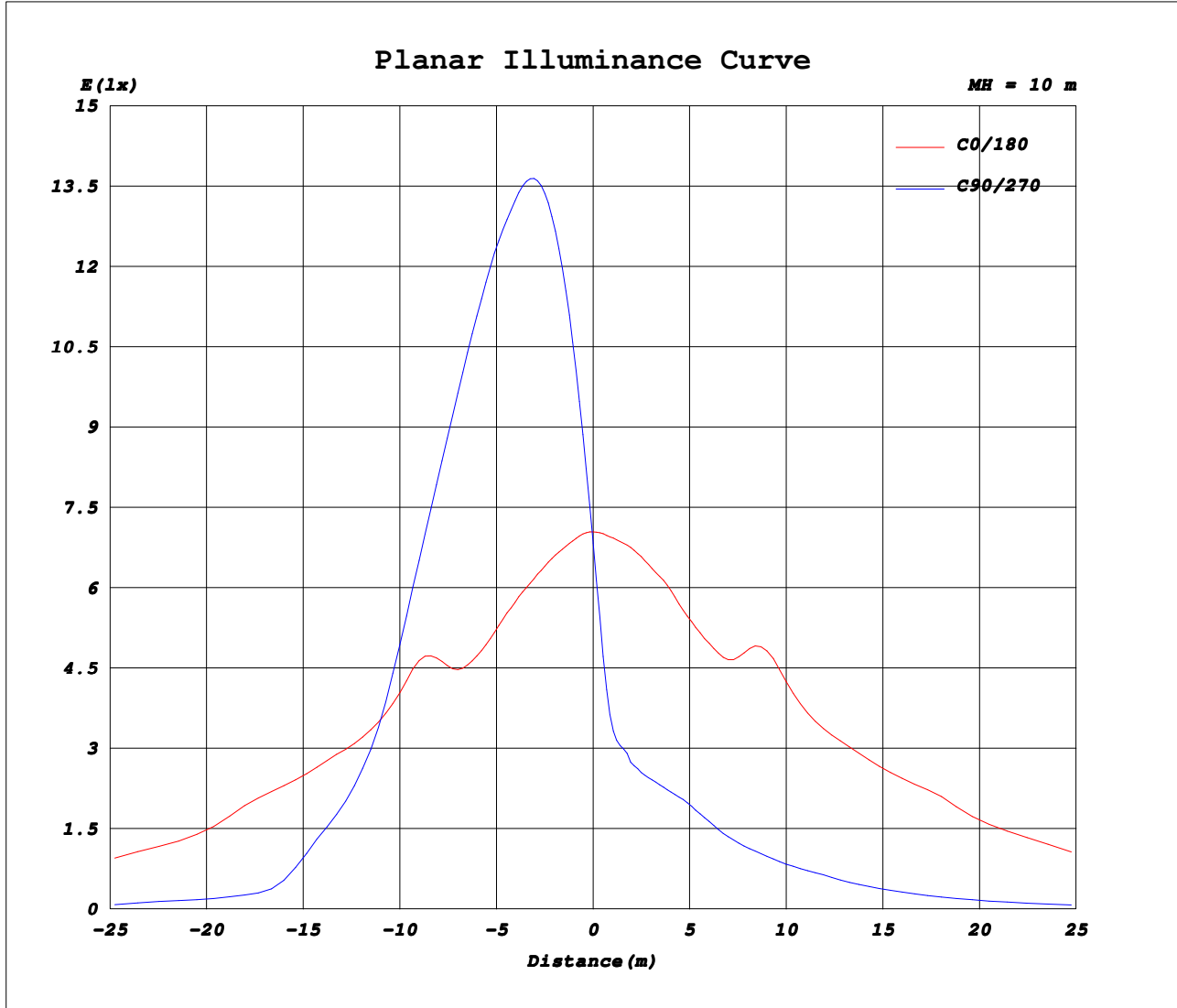
Test:U:230.52V I:0.1605A P:35.219W PF:0.9517 Freq:50.01Hz Lamp Flux:4581.33x1 lm		
NAME: LYS20	TYPE:OUTDOOR	WEIGHT:5kg
SPEC.:35 WATT	DIM.: 400X240X50	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 08.10.2020

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: LYS20-35WATT

Planar Illuminance Curve



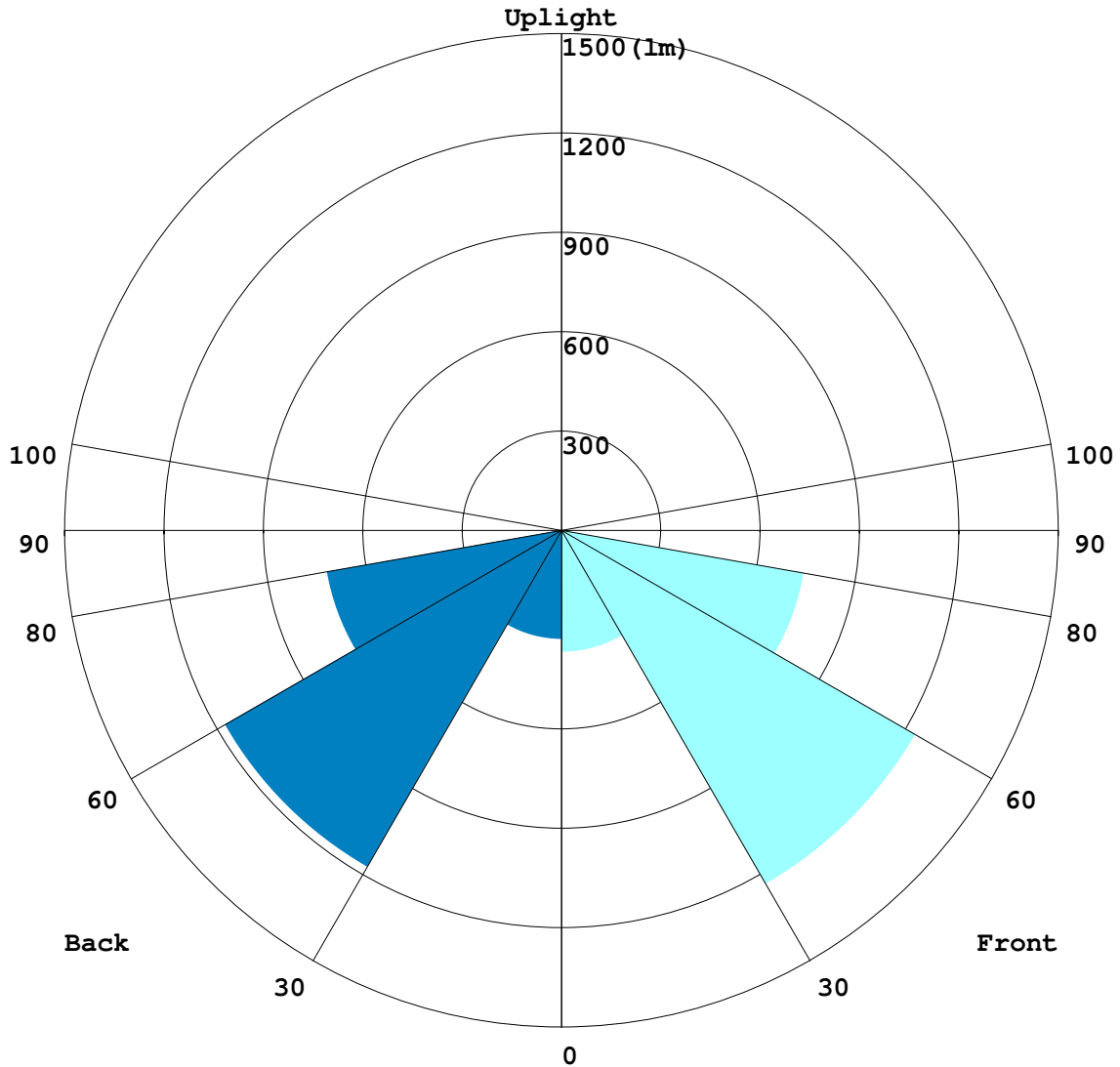
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 08.10.2020

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: LYS20-35WATT

LCS REPORT

Test:U:230.52V I:0.1605A P:35.219W PF:0.9517 Freq:50.01Hz Lamp Flux:4581.33x1 lm		
NAME: LYS20	TYPE:OUTDOOR	WEIGHT:5kg
SPEC.:35 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: 08.10.2020

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: LYS20-35WATT

BUG REPORT

Test:U:230.52V I:0.1605A P:35.219W PF:0.9517 Freq:50.01Hz Lamp Flux:4581.33x1 lm		
NAME: LYS20	TYPE:OUTDOOR	WEIGHT:5kg
SPEC.:35 WATT	DIM.: 400X240X50	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	367.44	8.0
FM - Front-Medium(30-60)	1232.8	26.9
FH - Front-High(60-80)	743.08	16.2
FVH - Front-Very High(80-90)	9.1343	0.2
Total Forward Light	2352.5	51.3

BL - Back-Low(0-30)	328.77	7.2
BM - Back-Medium(30-60)	1173.6	25.6
BH - Back-High(60-80)	718.42	15.7
BVH - Back-Very High(80-90)	8.1114	0.2
Total Back Light	2228.9	48.7

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	2228.9	0	2228.9
Street Side	2352.5	0	2352.5

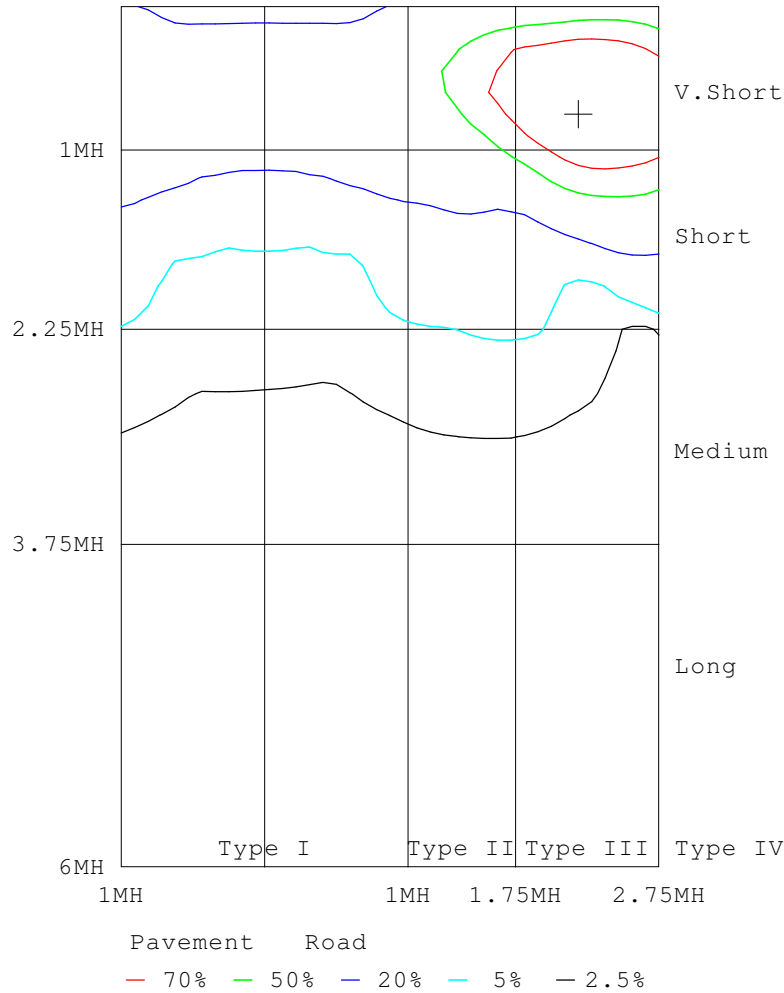
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 08.10.2020

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: LYS20-35WATT

ROAD ISOCANDELA REPORT

Test:U:230.52V I:0.1605A P:35.219W PF:0.9517 Freq:50.01Hz Lamp Flux:4581.33x1 lm		
NAME: LYS20	TYPE:OUTDOOR	WEIGHT:5kg
SPEC.:35 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: 08.10.2020

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: LYS20-35WATT

