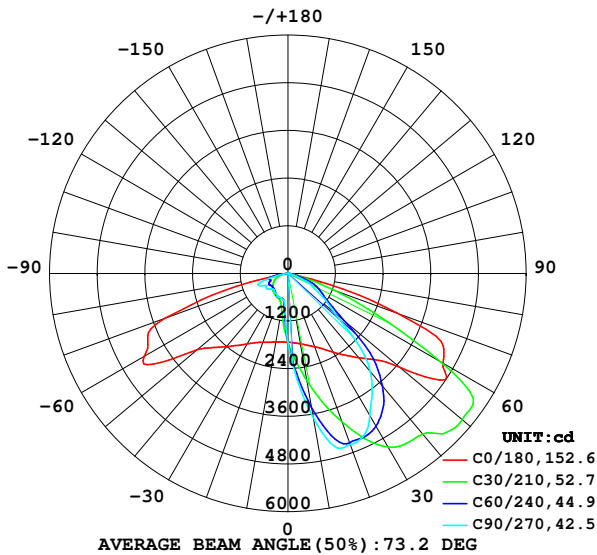
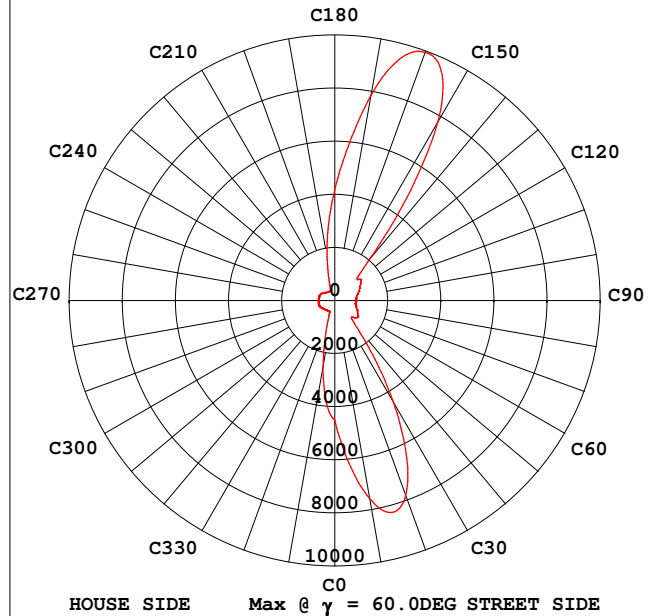


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:230.35V I:0.3616A P:80.992W PF:0.9723 Freq:50.01Hz Lamp Flux:10368.8x1 lm		
NAME: LYS50	TYPE:LED	WEIGHT:12kg
SPEC.:80W	DIM.: 600X300X75mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 128.02 lm/W			
MODEL	LYS50	I _{max} (cd)	9939	η street_up (%)	0.0
NOMINAL POWER (W)	80	LOR (%)	100.0	η street_down (%)	80.6
RATED VOLTAGE (V)	230.0	TOTAL FLUX (lm)	10369	η house_up (%)	0.0
NOMINAL FLUX (lm)	10368.8	MAXIMUM @ (C, γ)	160, 60.0	η house_down (%)	19.4
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	230	η down (%)	100.0	SLI	18.187

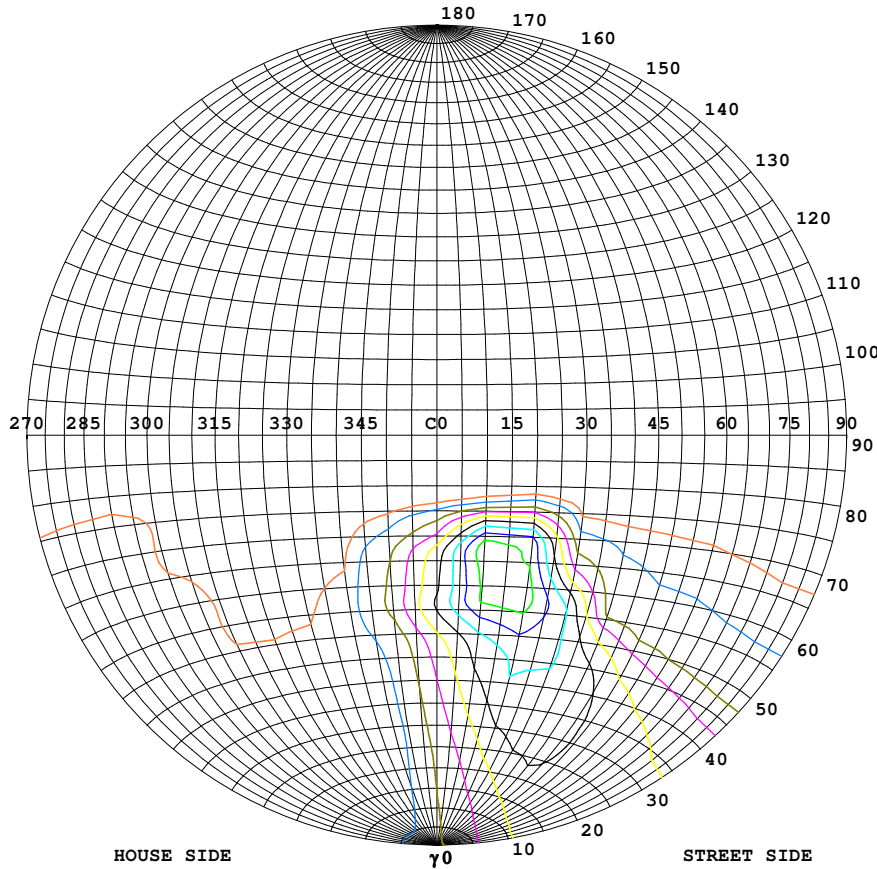
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 30.06.2020

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: LYS50-80W

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:230.35V I:0.3616A P:80.992W PF:0.9723 Freq:50.01Hz Lamp Flux:10368.8x1 lm		
NAME: LYS50	TYPE:LED	WEIGHT:12kg
SPEC.:80W	DIM.: 600X300X75mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



Classification:

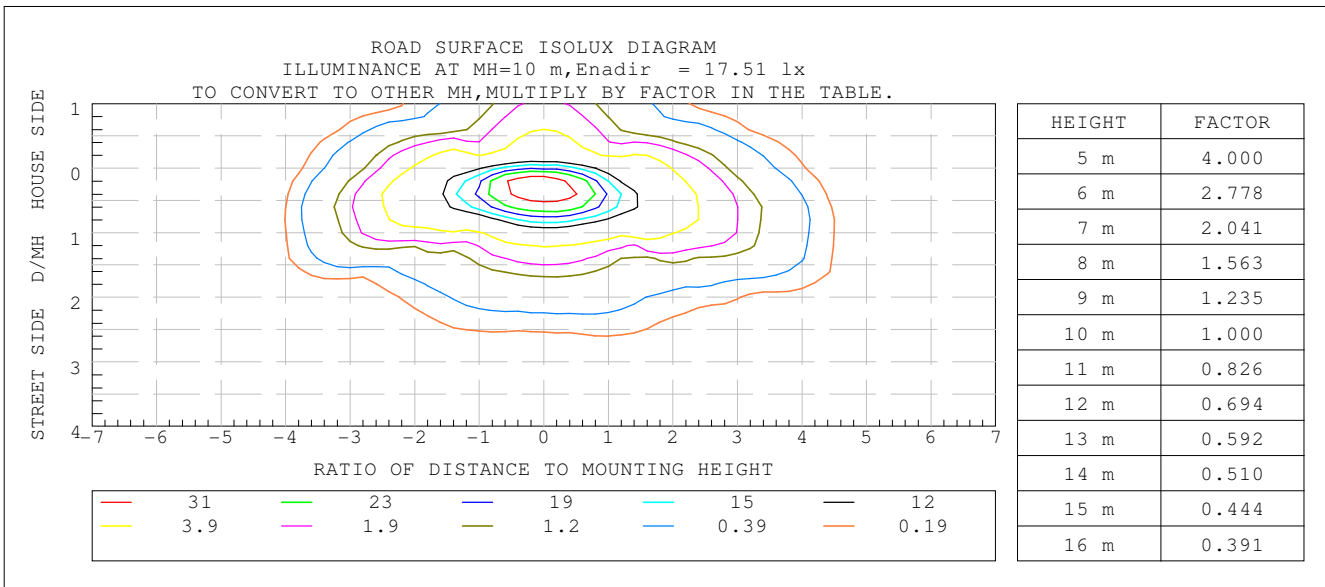
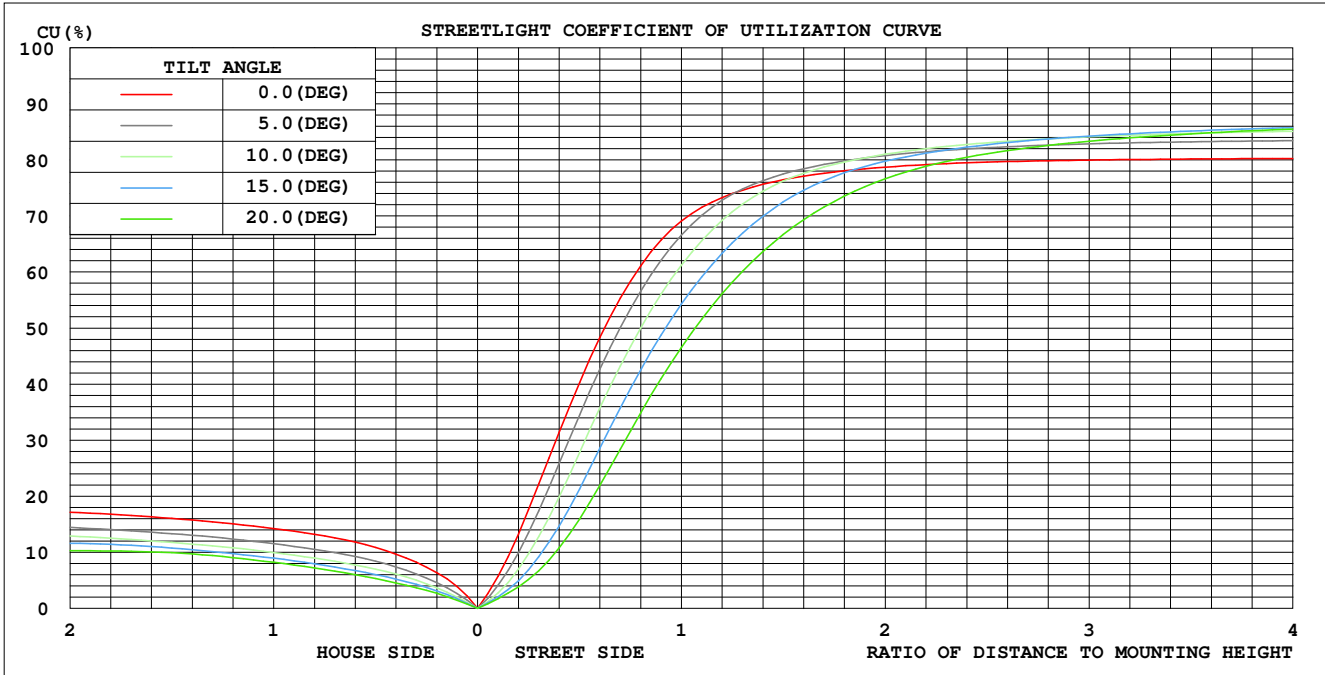
IES:Type II - Short
 CIE:Narrow - Intermediate
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:92.95cd/klm
 Max.At90:0.5356cd/klm
 Max.80-90:92.95cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	9939
— 90%	8945
— 80%	7951
— 70%	6957
— 60%	5963
— 50%	4970
— 40%	3976
— 30%	2982
— 20%	1988
— 10%	994
— 5%	497

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:20DEG
 Operators:LITPA
 Test Date:30.06.2020

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: LYS50-80W

COEFFICIENT OF UTILIZATION CURVE AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 30.06.2020

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: LYS50-80W

ZONAL FLUX DIAGRAM

Test:U:230.35V I:0.3616A P:80.992W PF:0.9723 Freq:50.01Hz Lamp Flux:10368.8x1 lm		
NAME: LYS50	TYPE:LED	WEIGHT:12kg
SPEC.:80W	DIM.: 600X300X75mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

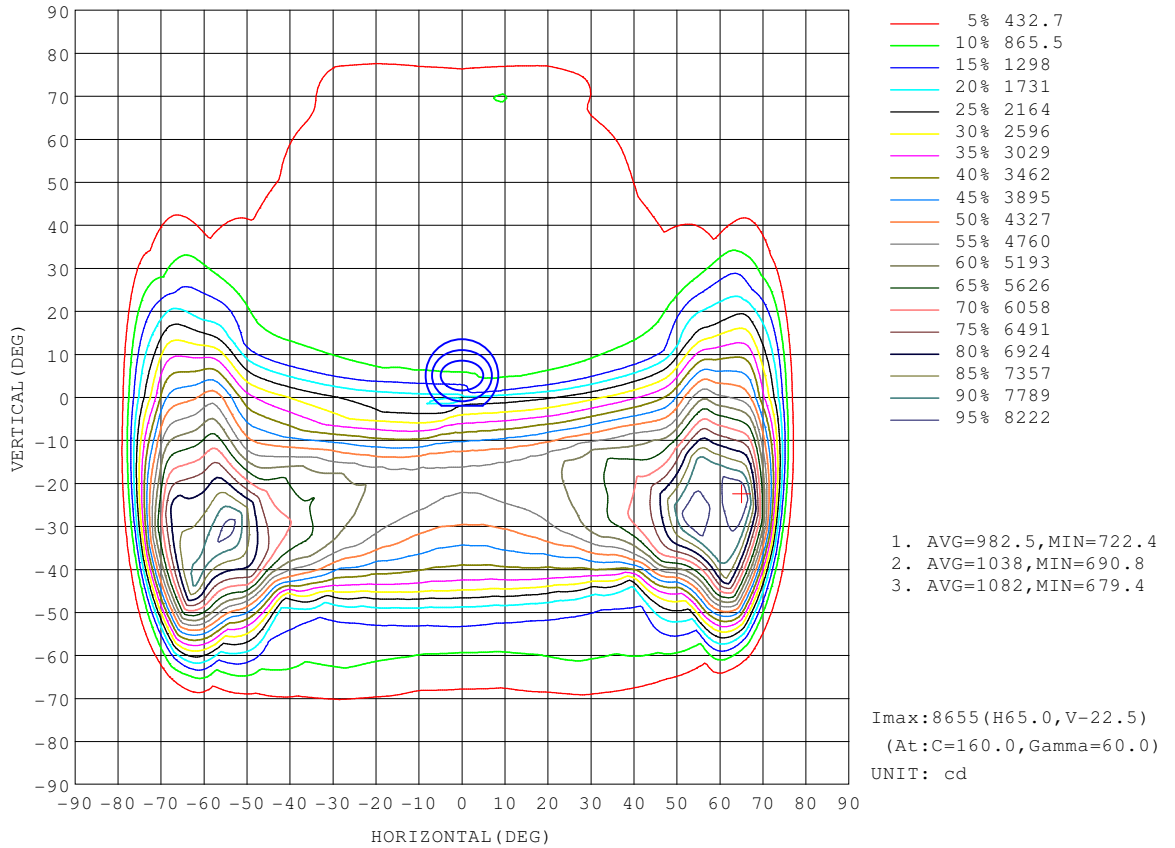
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	ϕ zone	ϕ total	$\%lum, lamp$
10	1800	3129	3683	3250	1753	749.0	672.8	826.7	0- 10	175.3	175.3	1.69,1.69
20	1966	4472	4588	4937	1849	654.6	641.8	768.6	10- 20	644.3	819.6	7.9,7.9
30	2297	4729	4129	5730	2052	617.3	595.7	718.1	20- 30	1187	2007	19.4,19.4
40	2771	4705	3229	5783	2408	544.7	549.6	632.3	30- 40	1647	3653	35.2,35.2
50	3676	3234	1510	4774	2989	487.1	611.1	561.1	40- 50	1900	5553	53.6,53.6
60	4504	1134	799.7	1673	4181	448.3	626.9	504.9	50- 60	2004	7557	72.9,72.9
70	2917	665.8	273.9	1018	3284	360.0	805.9	382.7	60- 70	1877	9434	91,91
80	109.1	158.5	21.91	237.5	251.2	161.0	162.6	140.5	70- 80	878.4	10312	99.5,99.5
90	2.759	0.8031	1.947	4.001	4.784	1.232	1.054	2.450	80- 90	56.58	10369	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:30.06.2020

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: LYS50-80W

ISOCANDELA DIAGRAM

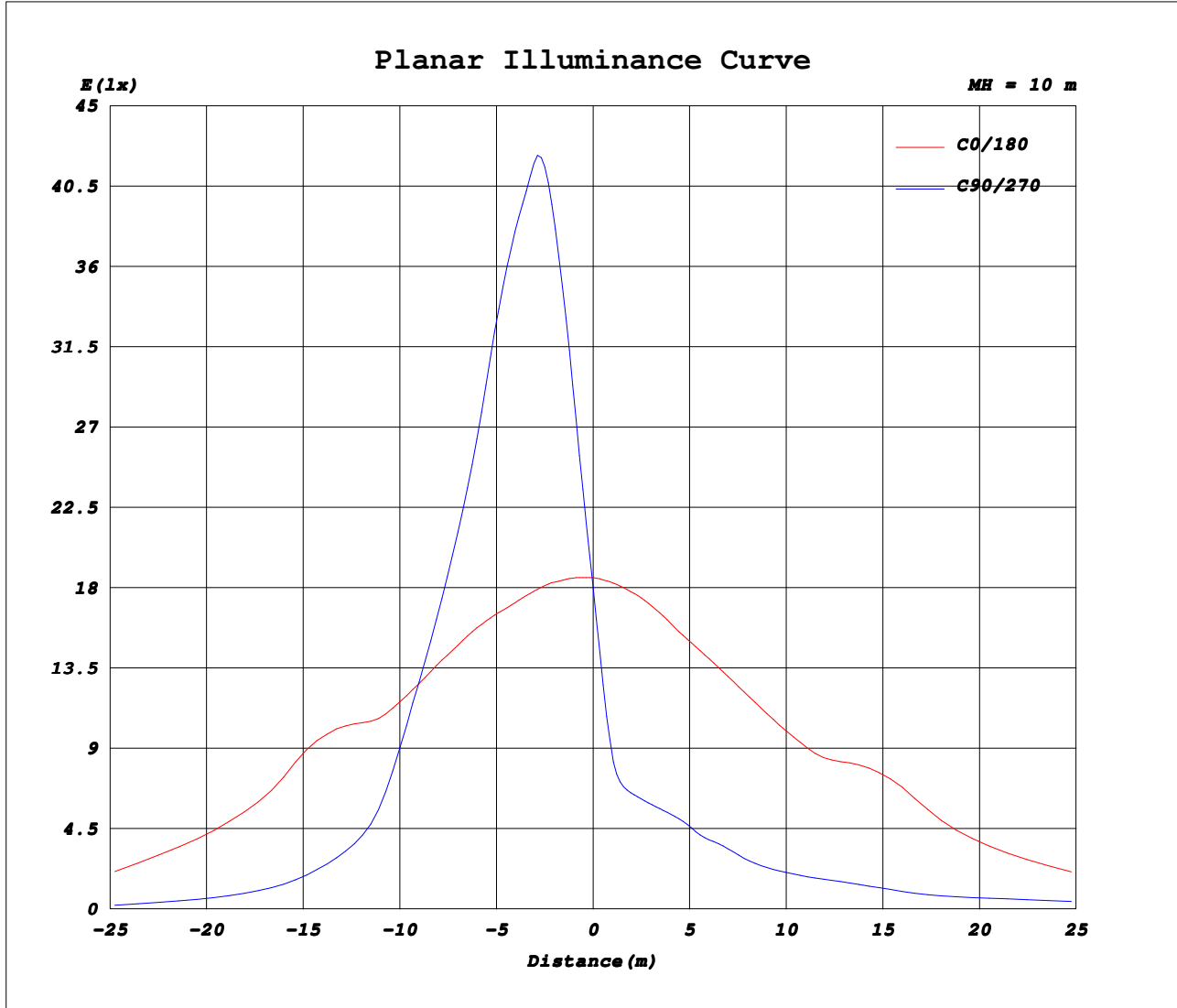
Test:U:230.35V I:0.3616A P:80.992W PF:0.9723 Freq:50.01Hz Lamp Flux:10368.8x1 lm		
NAME: LYS50	TYPE:LED	WEIGHT:12kg
SPEC.:80W	DIM.: 600X300X75mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 30.06.2020

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: LYS50-80W

Planar Illuminance Curve



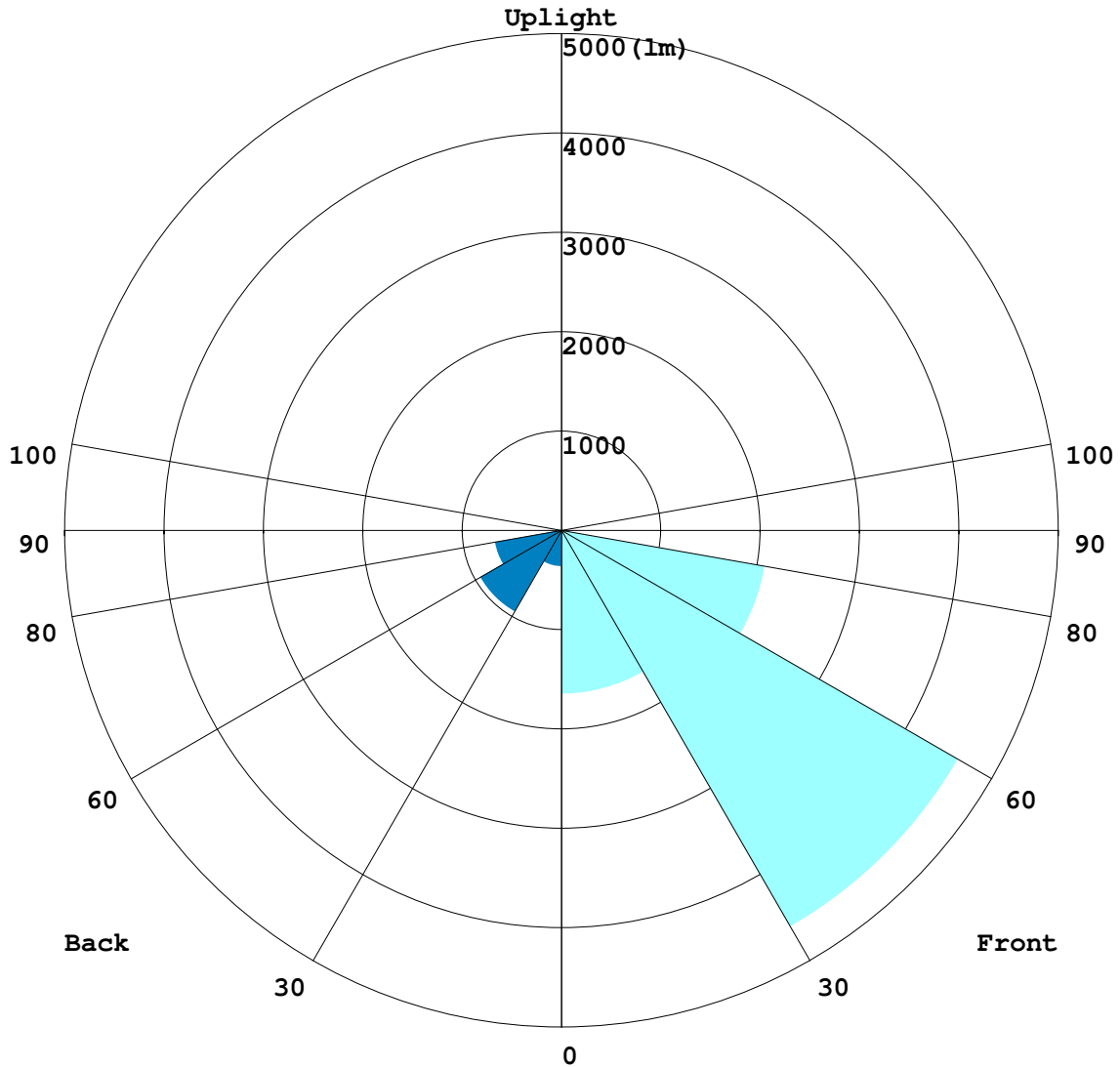
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 30.06.2020

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: LYS50-80W

LCS REPORT

Test:U:230.35V I:0.3616A P:80.992W PF:0.9723 Freq:50.01Hz Lamp Flux:10368.8x1 lm		
NAME: LYS50	TYPE:LED	WEIGHT:12kg
SPEC.:80W	DIM.: 600X300X75mm	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: 30.06.2020

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: LYS50-80W

BUG REPORT

Test:U:230.35V I:0.3616A P:80.992W PF:0.9723 Freq:50.01Hz Lamp Flux:10368.8x1 lm		
NAME: LYS50	TYPE:LED	WEIGHT:12kg
SPEC.:80W	DIM.: 600X300X75mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1645.2	15.9
FM - Front-Medium(30-60)	4606.7	44.4
FH - Front-High(60-80)	2077.2	20.0
FVH - Front-Very High(80-90)	29.327	0.3
Total Forward Light	8358.5	80.6

BL - Back-Low(0-30)	361.42	3.5
BM - Back-Medium(30-60)	943.74	9.1
BH - Back-High(60-80)	677.9	6.5
BVH - Back-Very High(80-90)	27.256	0.3
Total Back Light	2010.3	19.4

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	B2-U0-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	2010.3	0	2010.3
Street Side	8358.5	0	8358.5

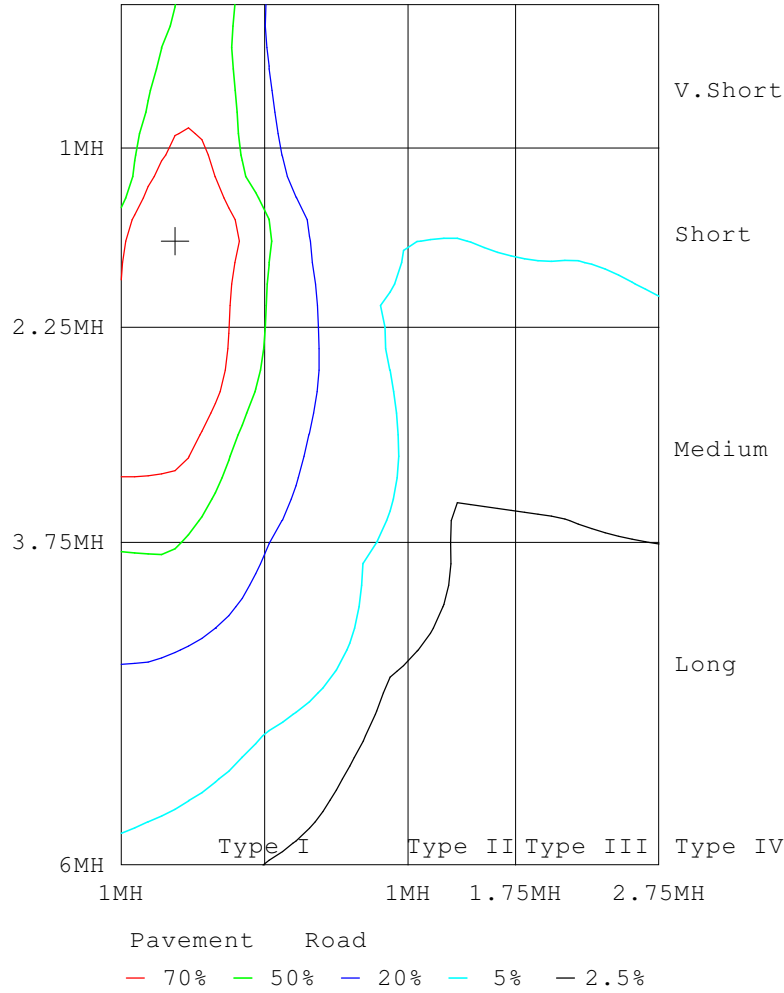
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 30.06.2020

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: LYS50-80W

ROAD ISOCANDELA REPORT

Test:U:230.35V I:0.3616A P:80.992W PF:0.9723 Freq:50.01Hz Lamp Flux:10368.8x1 lm		
NAME: LYS50	TYPE:LED	WEIGHT:12kg
SPEC.:80W	DIM.: 600X300X75mm	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: 30.06.2020

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: LYS50-80W

