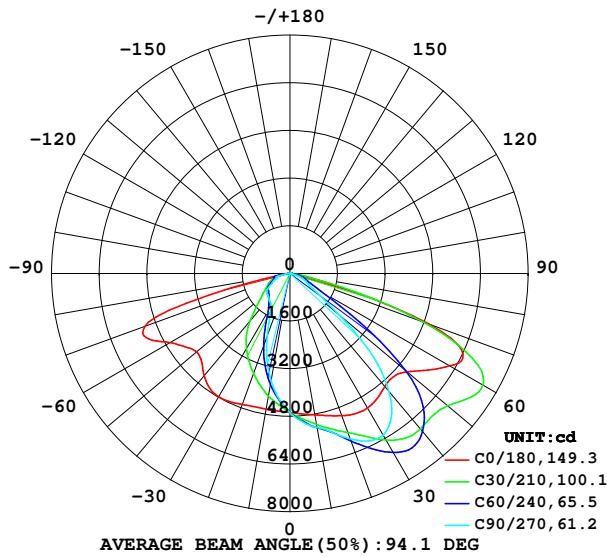
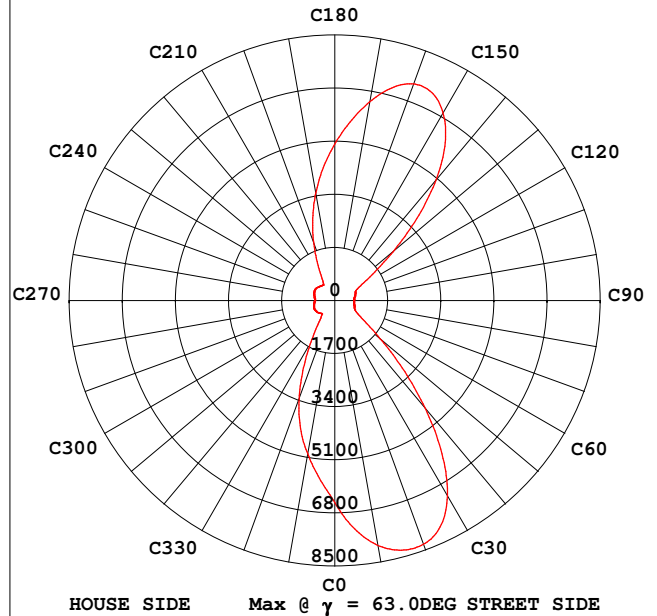


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:230.39V I:0.6514A P:148.28W PF:0.9880 Freq:50.01Hz Lamp Flux:16007x1 lm		
NAME: LYS50	TYPE:LED	WEIGHT:12kg
SPEC.:150W	DIM.: 600X300X75mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 107.95 lm/W			
MODEL	LYS50	I _{max} (cd)	8301	η street_up (%)	0.0
NOMINAL POWER (W)	150	LOR (%)	100.0	η street_down (%)	70.2
RATED VOLTAGE (V)	230.0	TOTAL FLUX (lm)	16007	η house_up (%)	0.0
NOMINAL FLUX (lm)	16007	MAXIMUM @ (C, γ)	20, 63.0	η house_down (%)	29.8
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	230	η down (%)	100.0	SLI	19.524

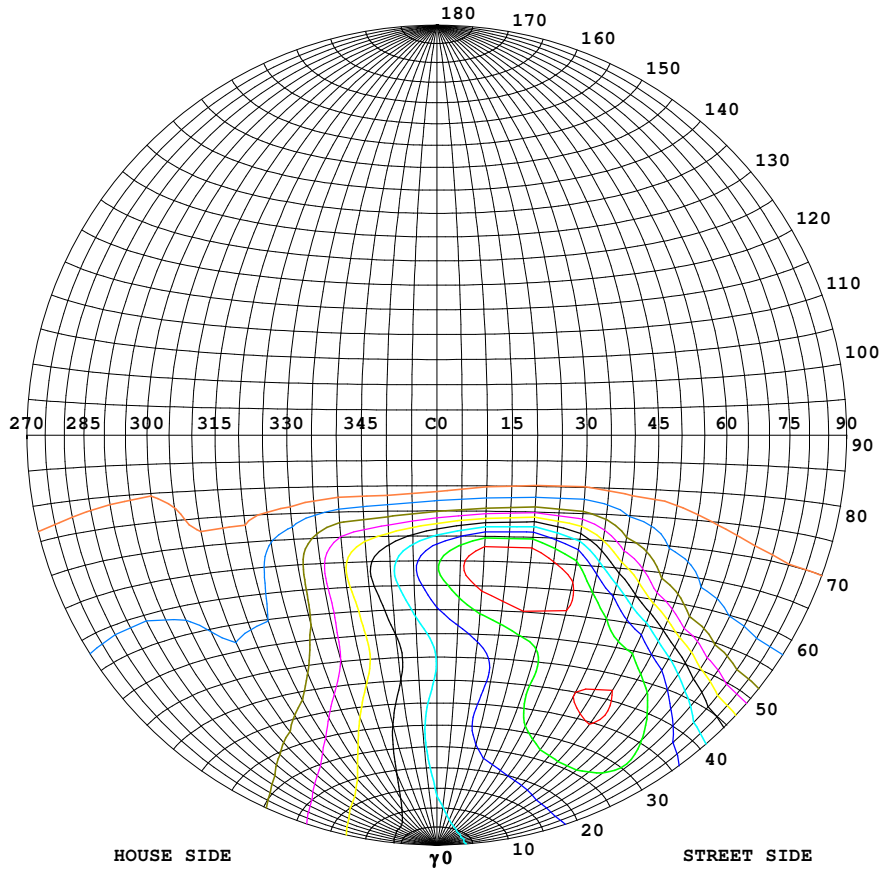
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 02.07.2020

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: LYS50-150W

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:230.39V I:0.6514A P:148.28W PF:0.9880 Freq:50.01Hz Lamp Flux:16007x1 lm		
NAME: LYS50	TYPE:LED	WEIGHT:12kg
SPEC.:150W	DIM.: 600X300X75mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



Classification:

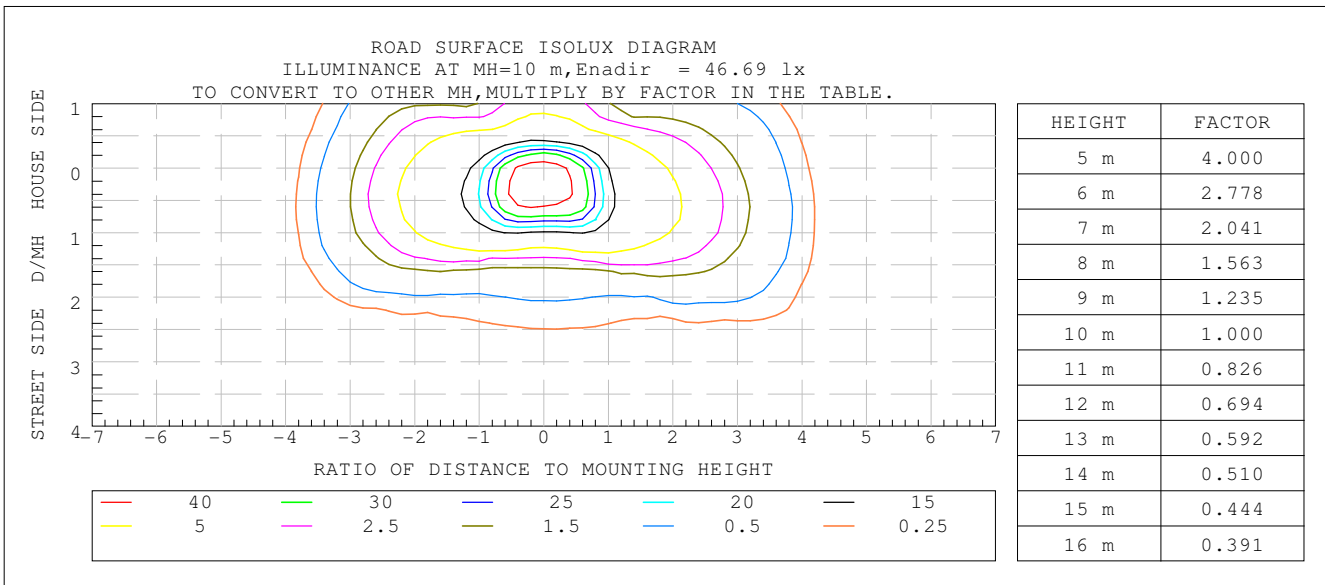
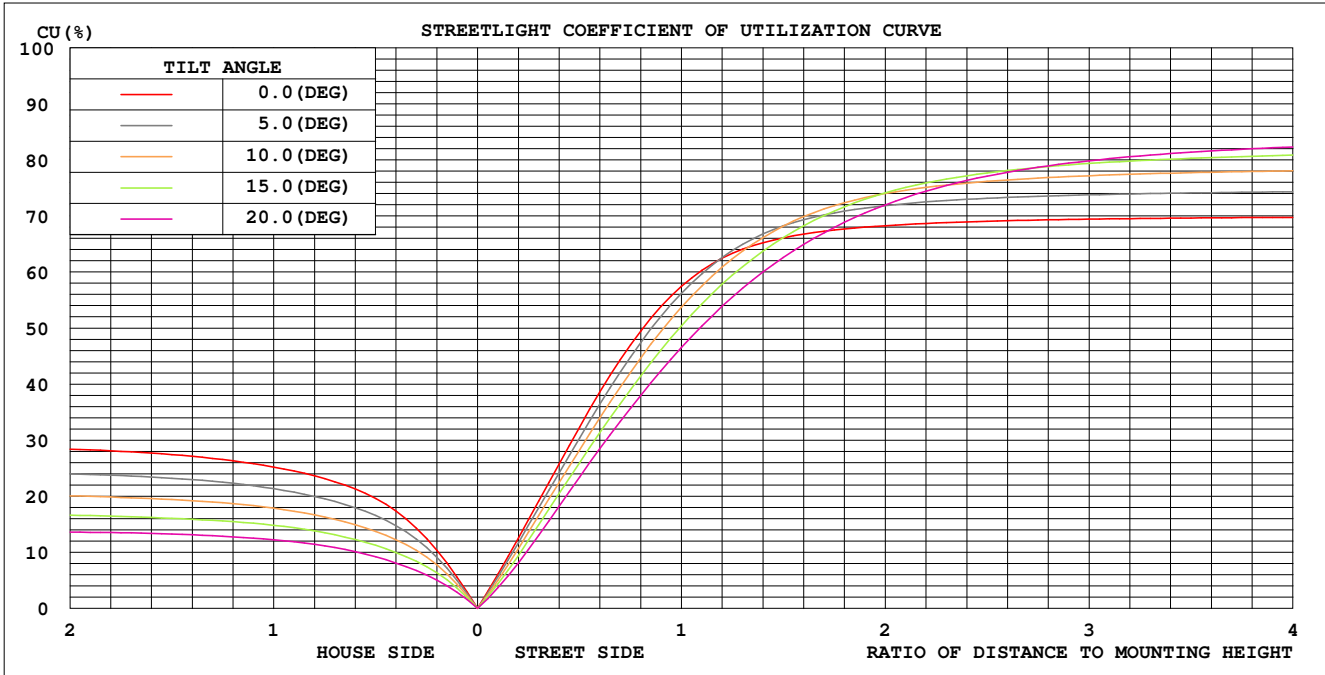
IES:Type II - Short
 CIE:Narrow - Intermediate
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:55.77cd/klm
 Max.At90:0.3802cd/klm
 Max.80-90:55.77cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	8301
90%	7471
80%	6641
70%	5811
60%	4981
50%	4151
40%	3320
30%	2490
20%	1660
10%	830
5%	415

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 02.07.2020

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: LYS50-150W

COEFFICIENT OF UTILIZATION CURVE AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 02.07.2020

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: LYS50-150W

ZONAL FLUX DIAGRAM

Test:U:230.39V I:0.6514A P:148.28W PF:0.9880 Freq:50.01Hz Lamp Flux:16007x1 lm		
NAME: LYS50	TYPE:LED	WEIGHT:12kg
SPEC.:150W	DIM.: 600X300X75mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

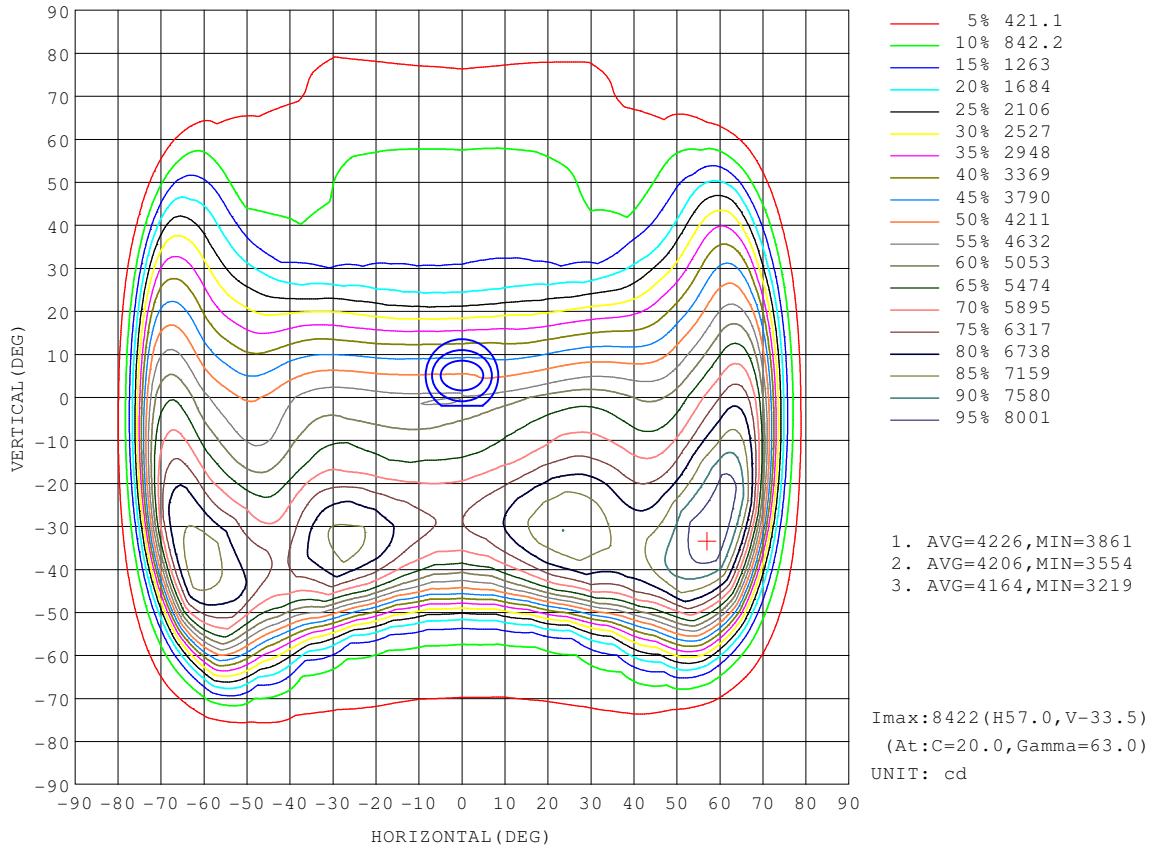
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	ϕ zone	ϕ total	$\%lum, lamp$
10	4824	5233	5250	5147	4627	3968	3663	4040	0- 10	441.9	441.9	2.76,2.76
20	5085	5848	5904	5553	4683	3036	2253	3198	10- 20	1277	1719	10.7,10.7
30	5215	6947	6264	6461	4786	2051	1287	2243	20- 30	2043	3762	23.5,23.5
40	4959	7424	5174	7352	4483	1258	1107	1335	30- 40	2694	6456	40.3,40.3
50	5143	6707	2154	6820	4100	882.3	1031	930.9	40- 50	2922	9379	58.6,58.6
60	6205	4271	699.4	4658	4644	710.4	740.4	714.7	50- 60	2767	12145	75.9,75.9
70	4958	1339	410.8	1845	5181	498.6	488.7	497.5	60- 70	2555	14700	91.8,91.8
80	278.6	295.7	39.56	410.7	388.9	244.9	166.6	198.2	70- 80	1208	15908	99.4,99.4
90	3.803	1.623	2.302	5.038	4.853	2.084	1.920	3.847	80- 90	99.28	16007	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:02.07.2020

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: LYS50-150W

ISOCANDELA DIAGRAM

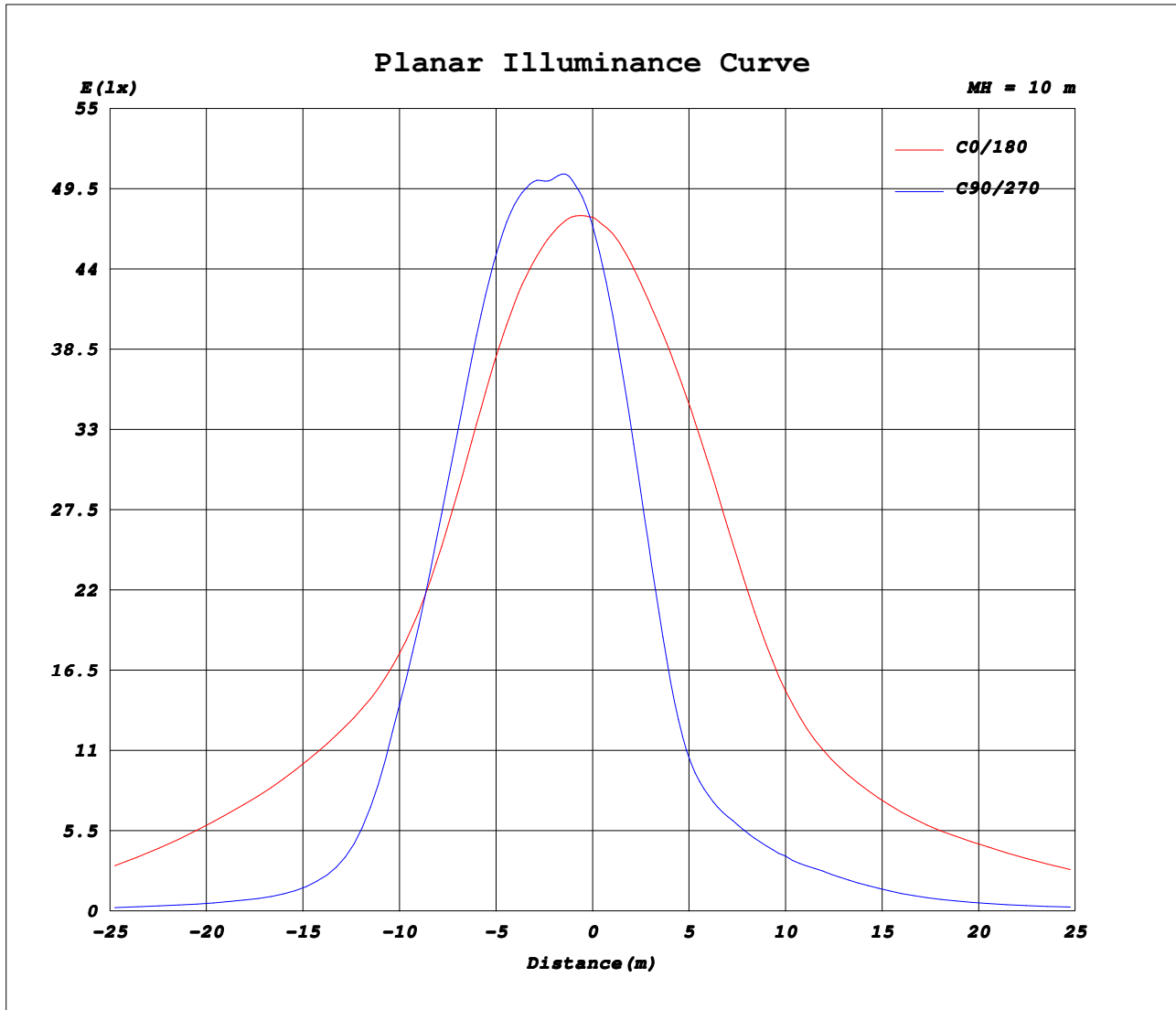
Test:U:230.39V I:0.6514A P:148.28W PF:0.9880 Freq:50.01Hz Lamp Flux:16007x1 lm		
NAME: LYS50	TYPE:LED	WEIGHT:12kg
SPEC.:150W	DIM.: 600X300X75mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 02.07.2020

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: LYS50-150W

Planar Illuminance Curve



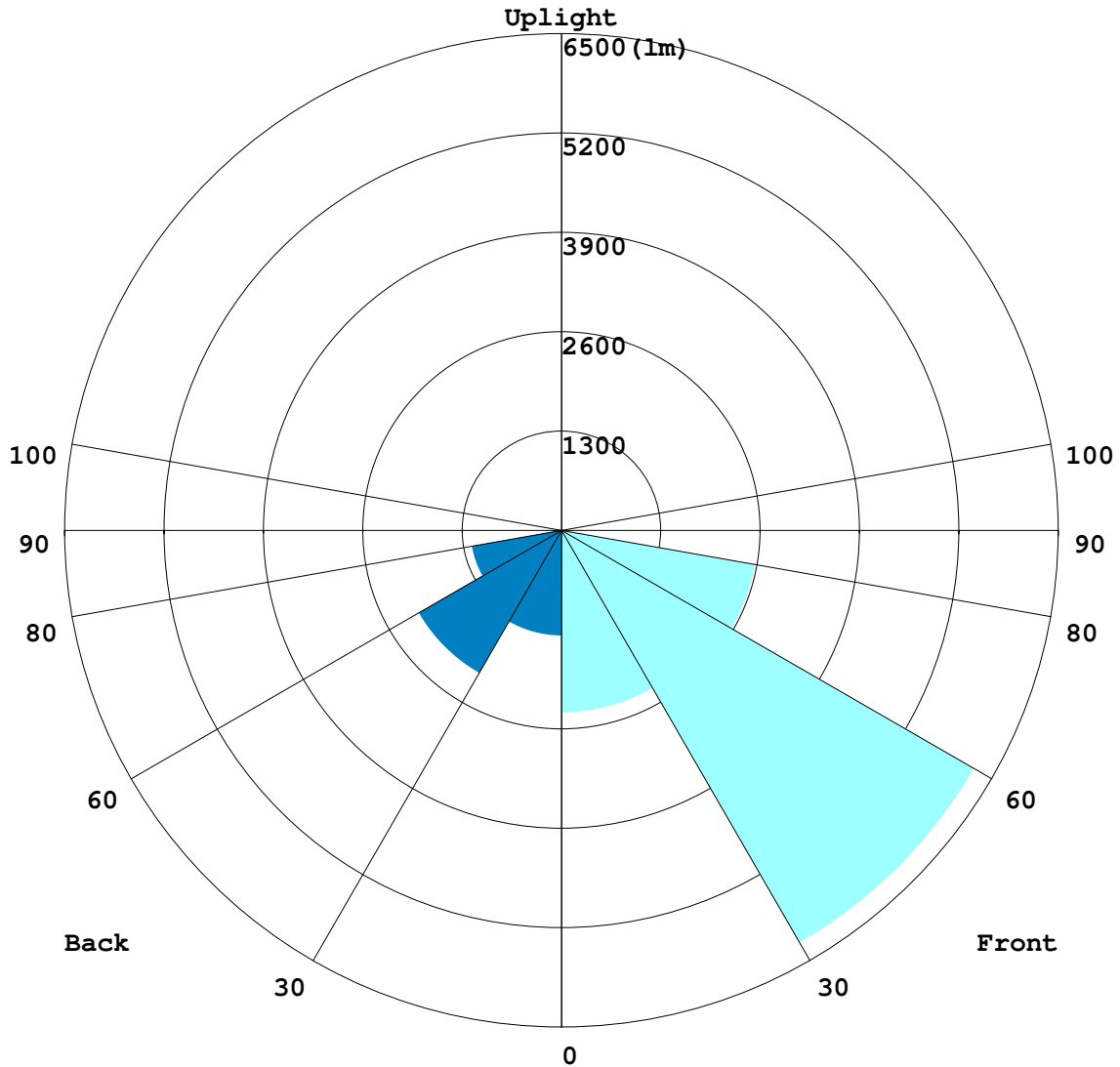
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 02.07.2020

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: LYS50-150W

LCS REPORT

Test:U:230.39V I:0.6514A P:148.28W PF:0.9880 Freq:50.01Hz Lamp Flux:16007x1 lm		
NAME: LYS50	TYPE:LED	WEIGHT:12kg
SPEC.:150W	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: 02.07.2020

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: LYS50-150W

BUG REPORT

Test:U:230.39V I:0.6514A P:148.28W PF:0.9880 Freq:50.01Hz Lamp Flux:16007x1 lm		
NAME: LYS50	TYPE:LED	WEIGHT:12kg
SPEC.:150W	DIM.: 600X300X75mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	2383.7	14.9
FM - Front-Medium(30-60)	6229.9	38.9
FH - Front-High(60-80)	2573.1	16.1
FVH - Front-Very High(80-90)	54.951	0.3
Total Forward Light	11242	70.2

BL - Back-Low(0-30)	1378.4	8.6
BM - Back-Medium(30-60)	2153.2	13.5
BH - Back-High(60-80)	1189.4	7.4
BVH - Back-Very High(80-90)	44.334	0.3
Total Back Light	4765.4	29.8

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	4765.4	0	4765.4
Street Side	11242	0	11242

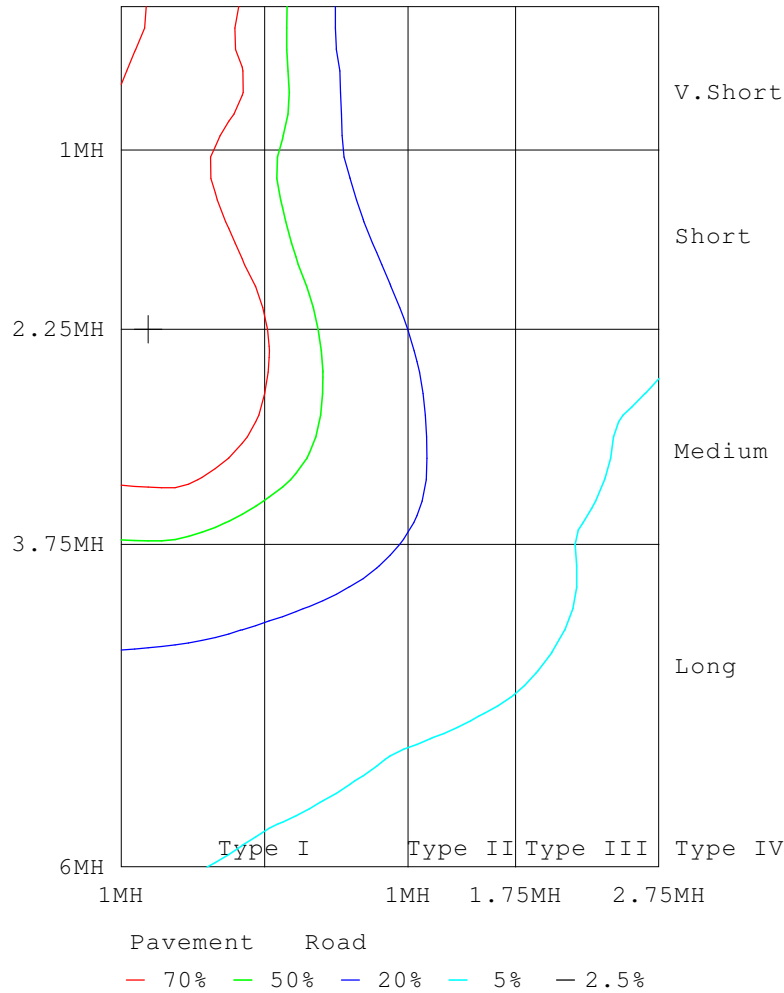
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 02.07.2020

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: LYS50-150W

ROAD ISOCANDELA REPORT

Test:U:230.39V I:0.6514A P:148.28W PF:0.9880 Freq:50.01Hz Lamp Flux:16007x1 lm		
NAME: LYS50	TYPE:LED	WEIGHT:12kg
SPEC.:150W	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: 02.07.2020

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: LYS50-150W

