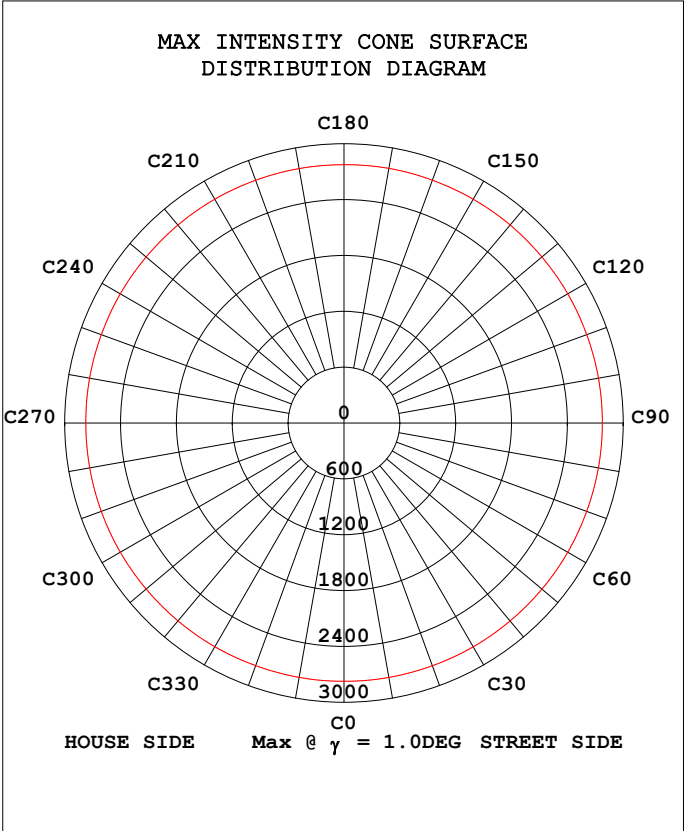
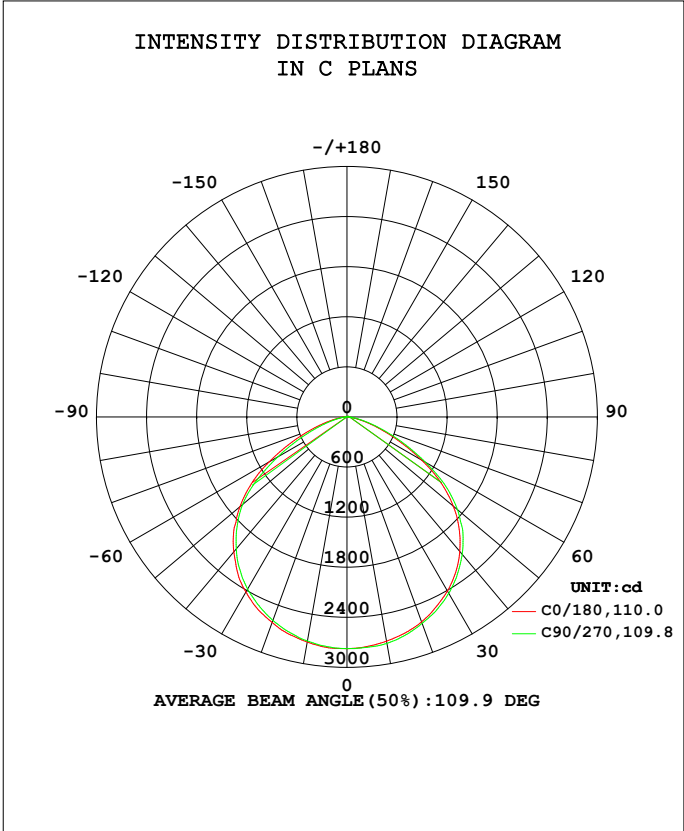


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:230.0V I:0.206A P:50.0W PF:0.955 Freq:50.00Hz Lamp Flux:7302.47x1 lm		
NAME: FL74-050-4070-F00A74	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

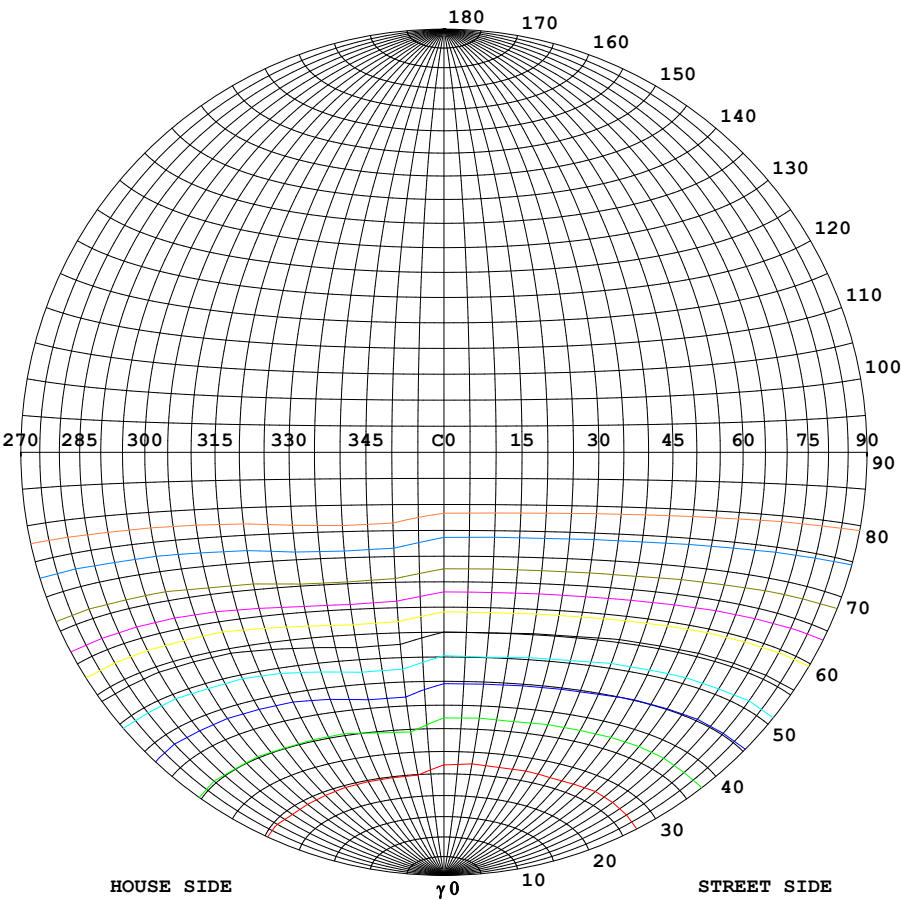
DATA OF LAMP		PHOTOMETRIC DATA				Eff: 146.05 lm/W
MODEL	/	I _{max} (cd)	2778	η street_up (%)	0.0	
NOMINAL POWER (W)	/	LOR (%)	100.0	η street_down (%)	51.1	
RATED VOLTAGE (V)	/	TOTAL FLUX (lm)	7302	η house_up (%)	0.0	
NOMINAL FLUX (lm)	7302.47	MAXIMUM @ (C, γ)	170,1.0	η house_down (%)	48.9	
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)		
TEST VOLTAGE (V)	/	η down (%)	100.0	SLI		



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:lyg
Test Date:2024-10-08

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:10.330m [K=1.0000]
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM



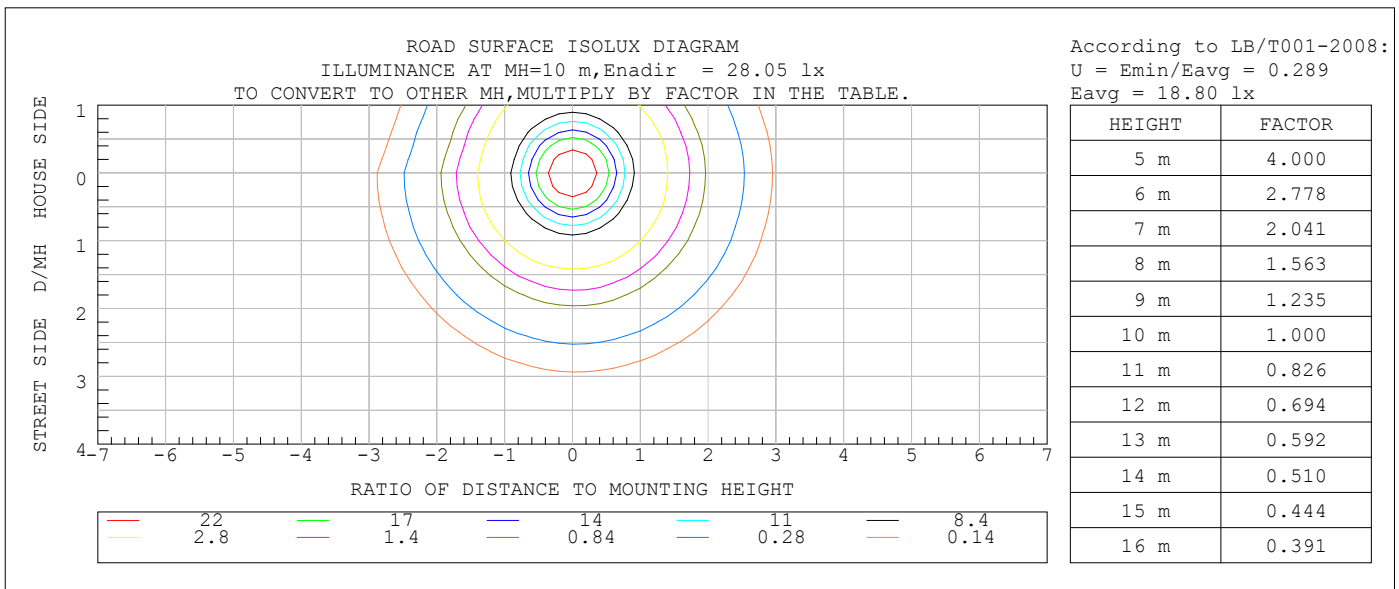
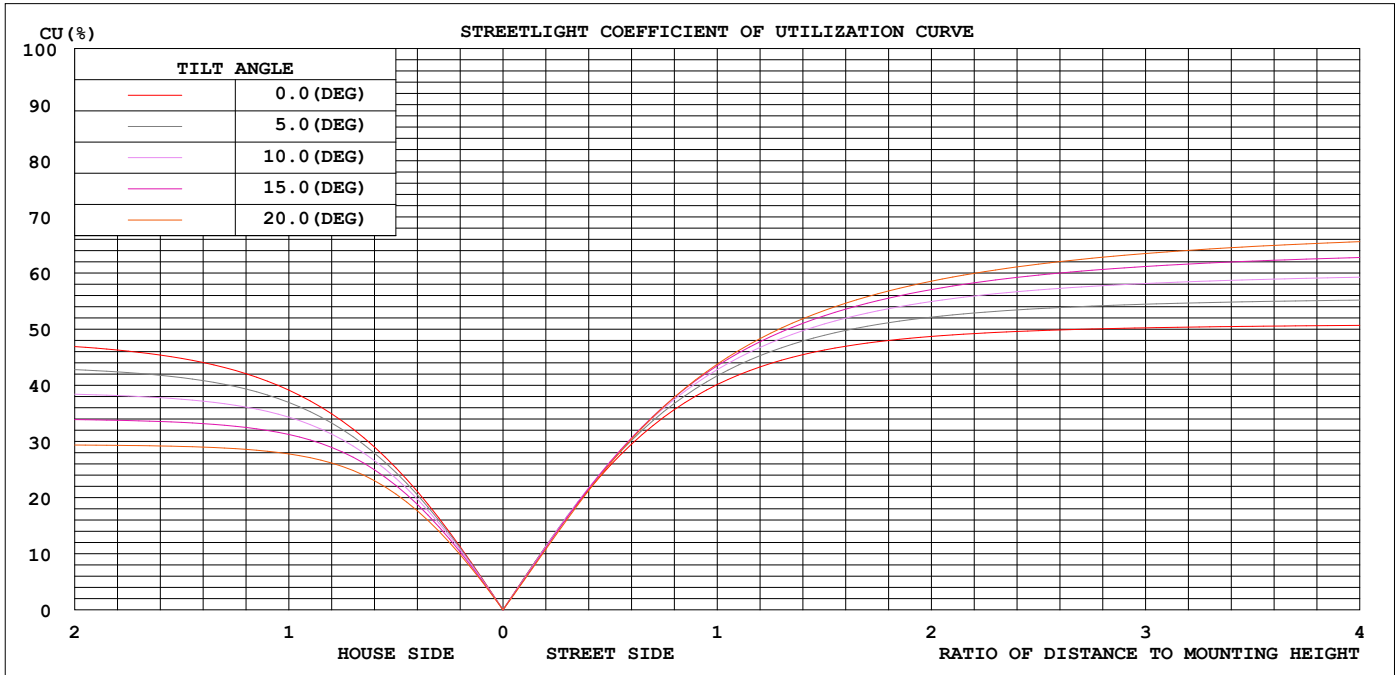
Classification:
IES:Type V - Very Short
CIE:Narrow - Short
IES:Cut-off
CIE:Full cut-off
Max.At80:18.28cd/klm
Max.At90:1.131cd/klm
Max.80-90:18.28cd/klm
NRB 5101:Limited[3.4%]

ISOCANDELA DIAGRAM		
UNIT		cd
Imax=100%		2778
— 90%		2500
— 80%		2222
— 70%		1945
— 60%		1667
— 50%		1389
— 40%		1111
— 30%		833
— 20%		556
— 10%		278
— 5%		139

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:lyg
Test Date:2024-10-08

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:10.330m [K=1.0000]
Remarks:

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: lyg
Test Date: 2024-10-08

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.488
Humidity: 65.0%
Test Distance: 10.330m [K=1.0000]
Remarks:

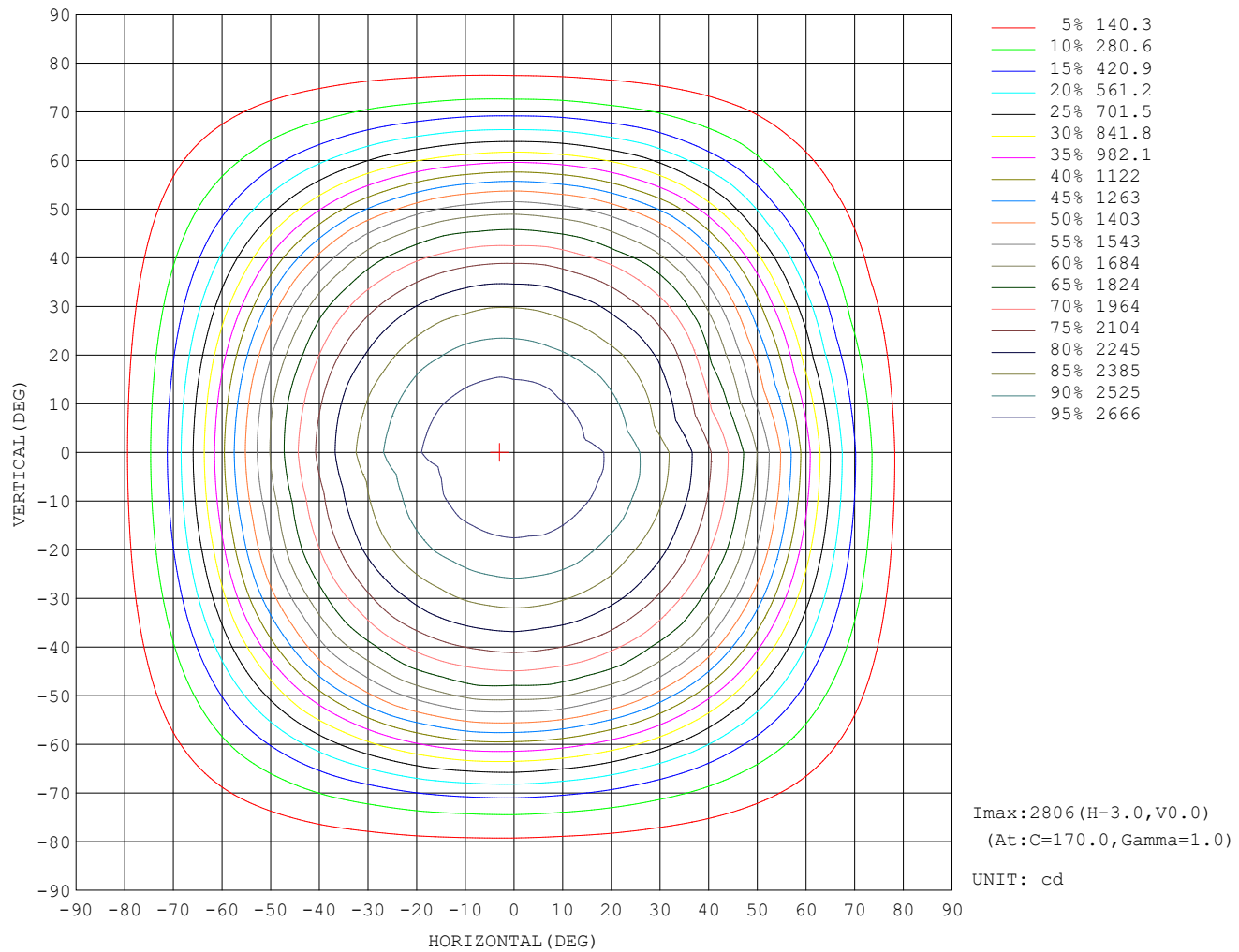
ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	2727	2747	2755	2752	2739	2730	2724	2727	0- 10	263.2	263.2	3.6,3.6
20	2612	2621	2631	2639	2619	2608	2593	2600	10- 20	759.1	1022	14,14
30	2407	2417	2439	2440	2421	2399	2381	2383	20- 30	1164	2186	29.9,29.9
40	2102	2123	2148	2145	2108	2096	2062	2075	30- 40	1420	3606	49.4,49.4
50	1662	1707	1729	1720	1674	1660	1631	1626	40- 50	1467	5072	69.5,69.5
60	1034	1047	1086	1115	1076	1001	956.2	958.2	50- 60	1222	6294	86.2,86.2
70	425.9	431.2	470.1	492.0	474.7	415.0	383.6	368.3	60- 70	696.8	6991	95.7,95.7
80	102.8	113.7	125.2	133.0	125.9	110.5	93.81	86.40	70- 80	258.6	7249	99.3,99.3
90	6.594	6.200	6.243	8.180	7.607	7.302	7.726	7.885	80- 90	52.99	7302	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:25.3°C
Operators:lyg
Test Date:2024-10-08

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:10.330m [K=1.0000]
Remarks:

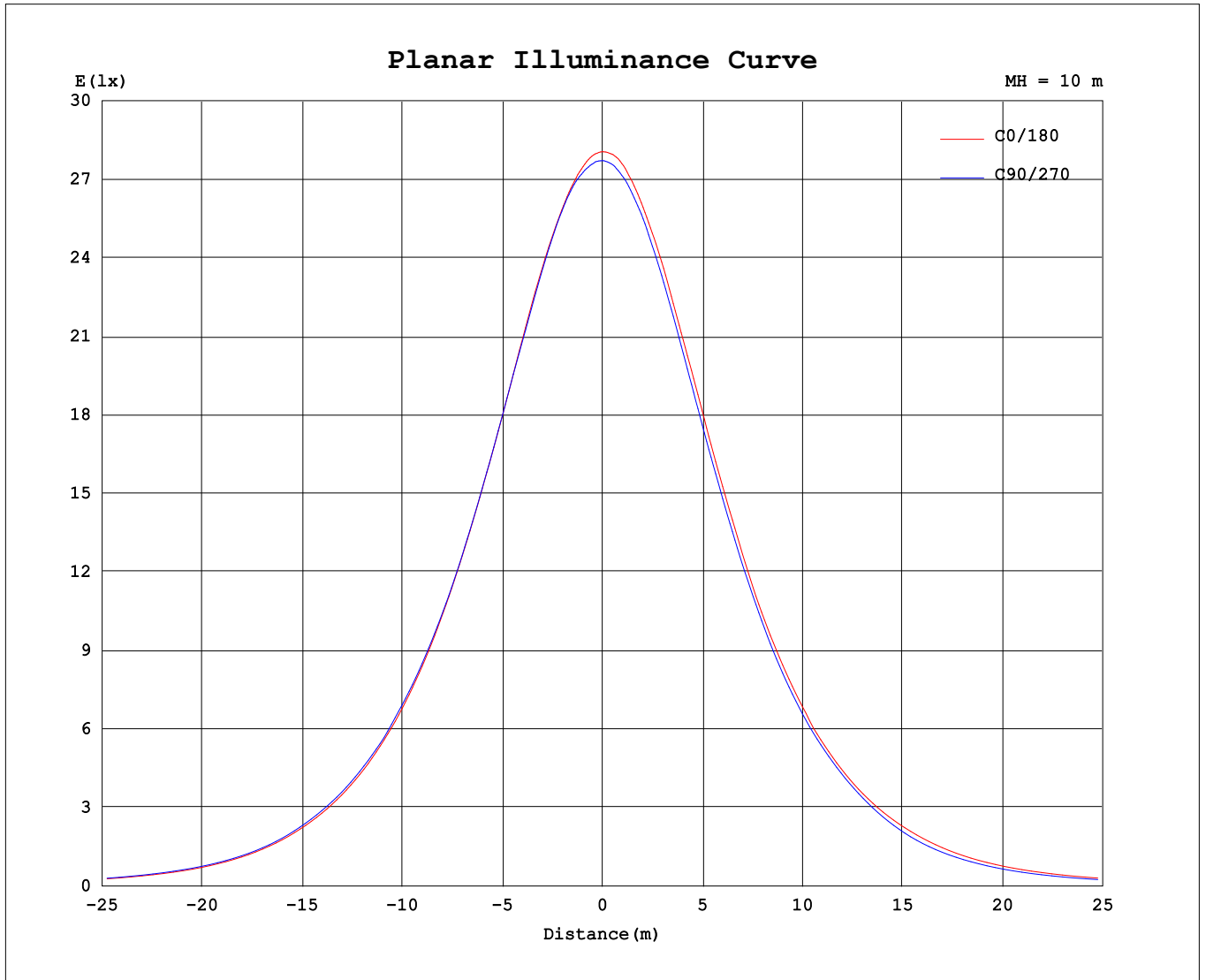
ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: lyg
Test Date: 2024-10-08

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.488
Humidity: 65.0%
Test Distance: 10.330m [K=1.0000]
Remarks:

Planar Illuminance Curve



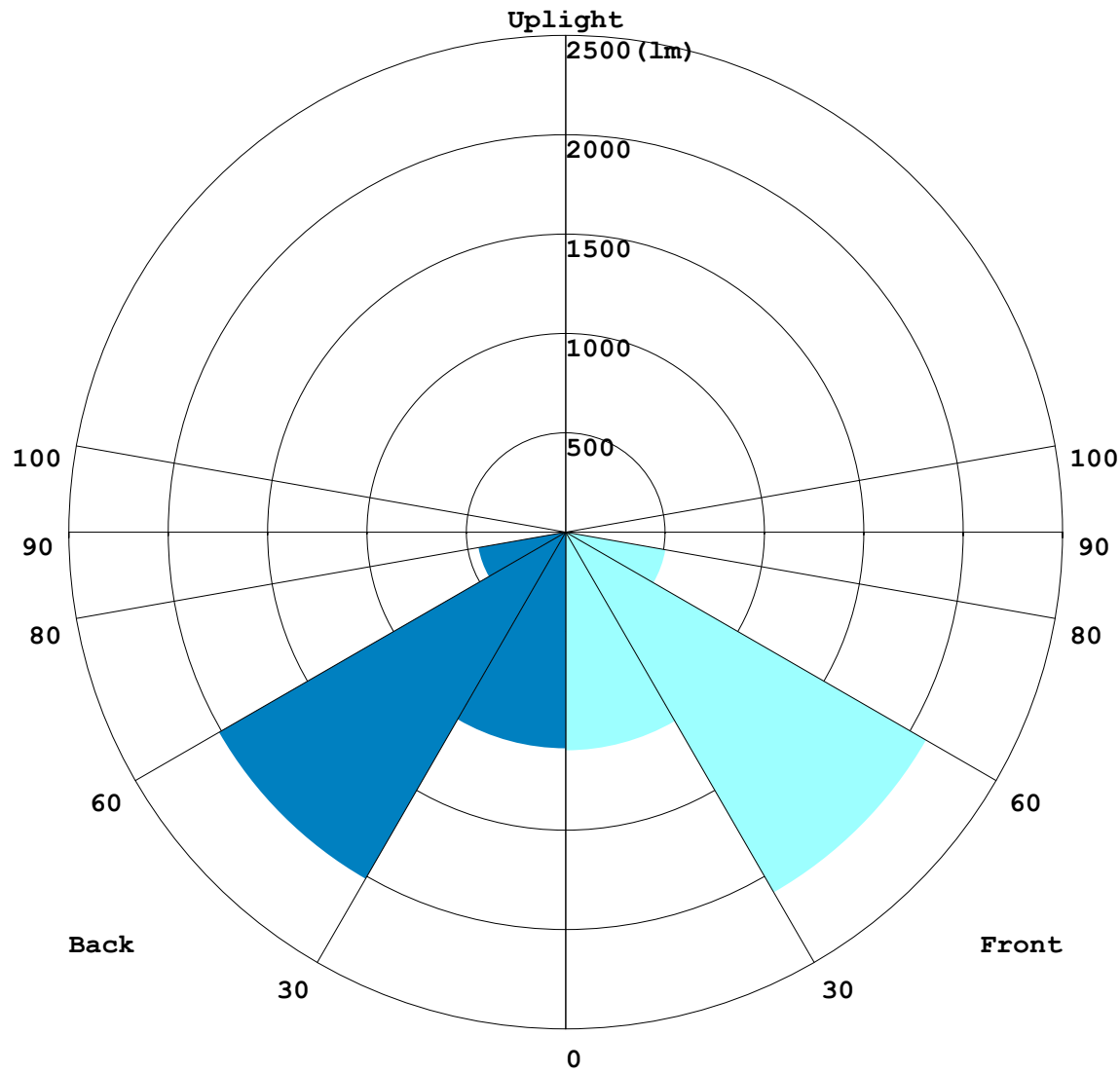
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: lyg
Test Date: 2024-10-08

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.488
Humidity: 65.0%
Test Distance: 10.330m [K=1.0000]
Remarks:

LCS REPORT

Test:U:230.0V I:0.206A P:50.0W PF:0.955 Freq:50.00Hz		
Lamp Flux:7302.47x1 lm		
NAME: FL74-050-4070-F00A74	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:lyg
Test Date:2024-10-08

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:10.330m [K=1.0000]
Remarks:

BUG REPORT

Test:U:230.0V I:0.206A P:50.0W PF:0.955 Freq:50.00Hz Lamp Flux:7302.47x1 lm		
NAME: FL74-050-4070-F00A74	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1098.2	15.0
FM - Front-Medium(30-60)	2093.8	28.7
FH - Front-High(60-80)	509.32	7.0
FVH - Front-Very High(80-90)	29.279	0.4
Total Forward Light	3730.6	51.1

BL - Back-Low(0-30)	1087.8	14.9
BM - Back-Medium(30-60)	2014.3	27.6
BH - Back-High(60-80)	446.07	6.1
BVH - Back-Very High(80-90)	23.709	0.3
Total Back Light	3571.9	48.9

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-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	3571.9	0	3571.9
Street Side	3730.6	0	3730.6

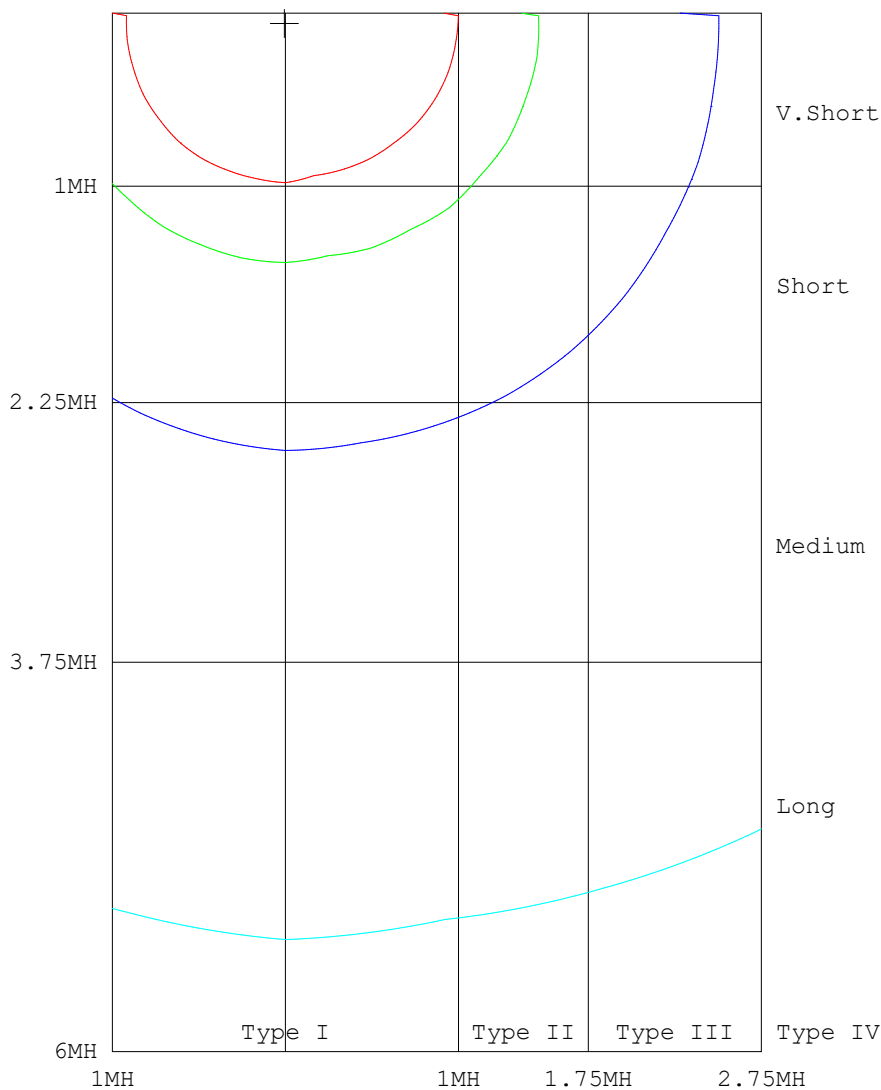
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:lyg
Test Date:2024-10-08

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:10.330m [K=1.0000]
Remarks:

ROAD ISOCANDELA REPORT

Test:U:230.0V I:0.206A P:50.0W PF:0.955 Freq:50.00Hz Lamp Flux:7302.47x1 lm		
NAME: FL74-050-4070-F00A74	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:lyg
Test Date:2024-10-08

Pavement 70% 1961.8
Road 50% 1401.3

C Range: 560.52 - 90DEG
C Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:10.330m [K=1.0000]
Remarks: