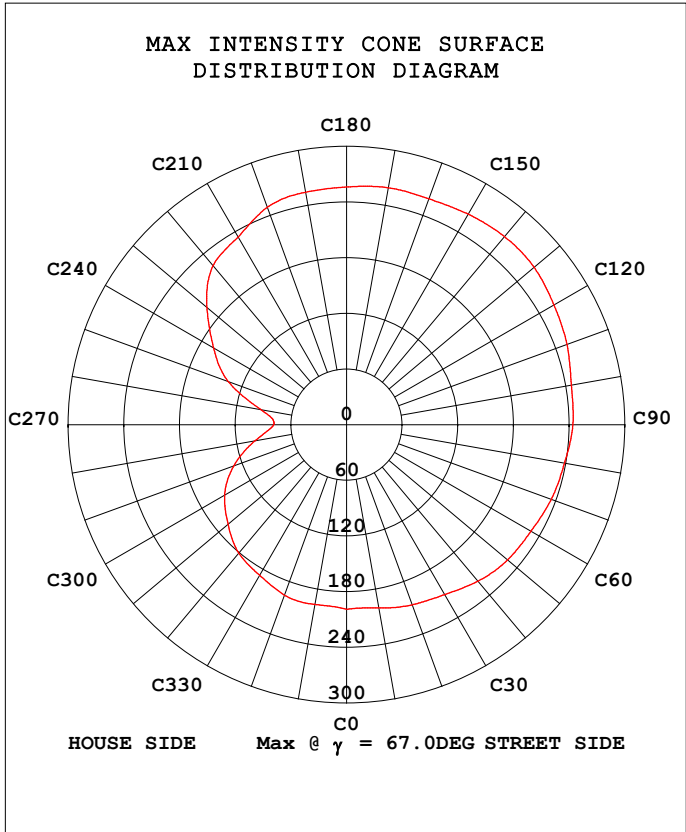
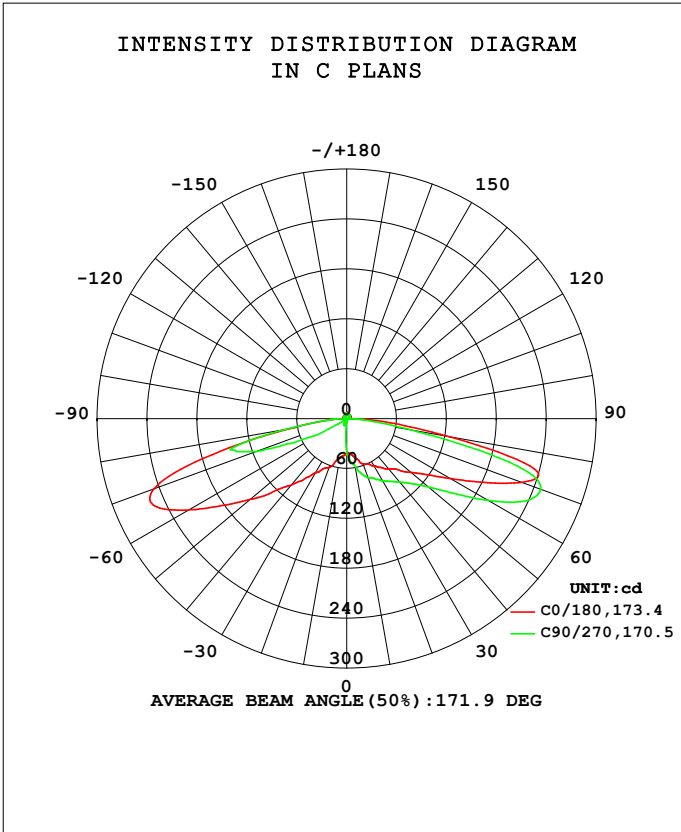


## STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:2.530V I:1.6000A P:4.048W PF:1.0000 Freq:49.97Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0      Lamp Flux:695.733x1 lm		
NAME: SLB10-004-4070-A02870.pdf	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

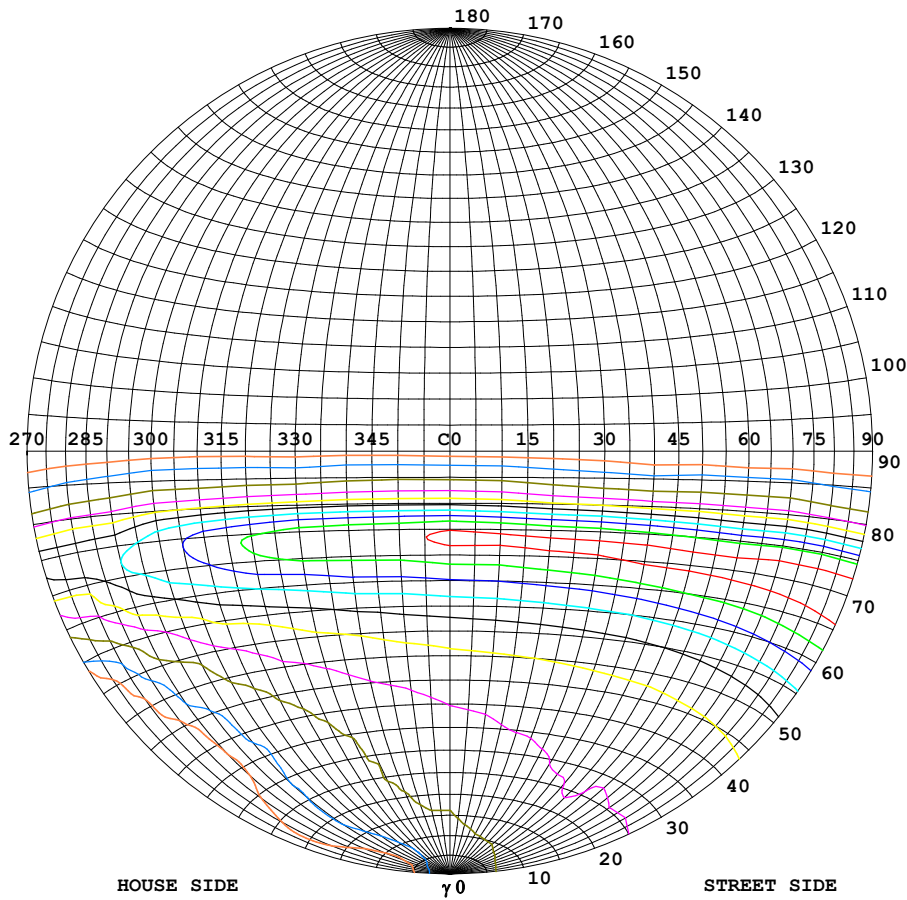
DATA OF LAMP		PHOTOMETRIC DATA      Eff: 171.87 lm/W			
MODEL	/	I <sub>max</sub> (cd)	264.7	η street_up (%)	1.7
NOMINAL POWER (W)	/	LOR (%)	100.0	η street_down (%)	56.7
RATED VOLTAGE (V)	/	TOTAL FLUX (lm)	695.7	η house_up (%)	2.0
NOMINAL FLUX (lm)	695.733	MAXIMUM @ (C, γ )	140,67.0	η house_down (%)	39.6
LAMPS INSIDE	1	η up (%)	3.7	76 FLASHAREA (m2)	
TEST VOLTAGE (V)	/	η down (%)	96.3	SLI	



C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3°C  
 Operators: ZZK  
 Test Date: 2024-03-08

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.465  
 Humidity: 65.0%  
 Test Distance: 26.000m [K=0.4593]  
 Remarks:

# STREETLIGHT ISOCANDELA DIAGRAM



**Classification:**

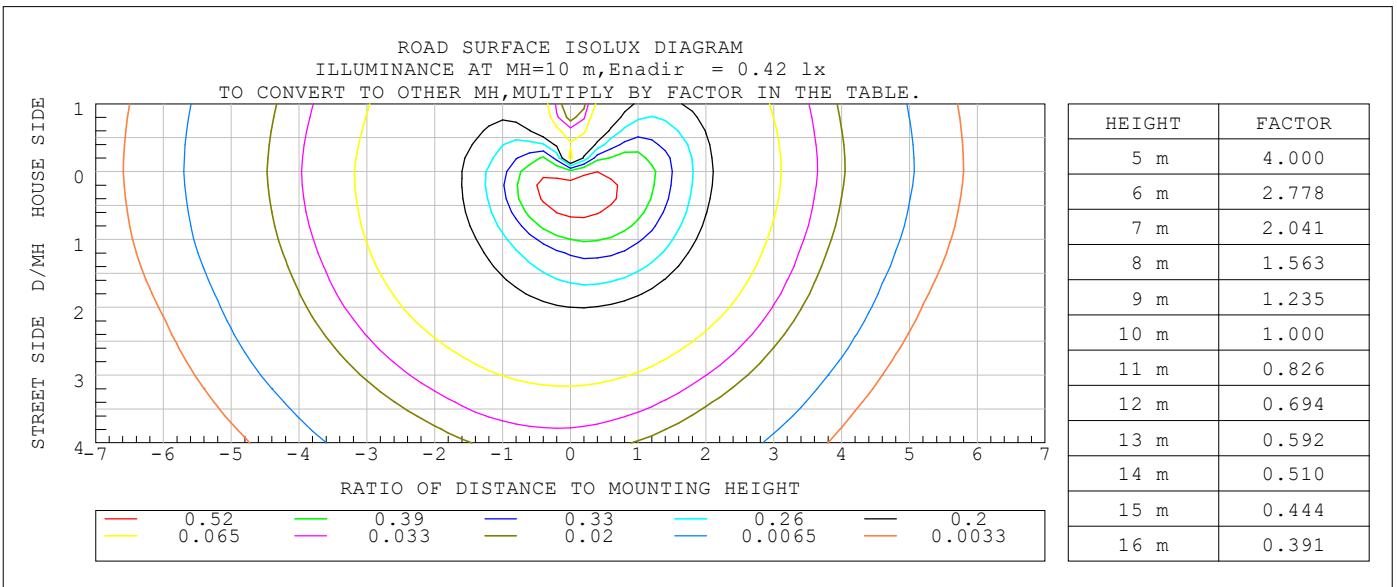
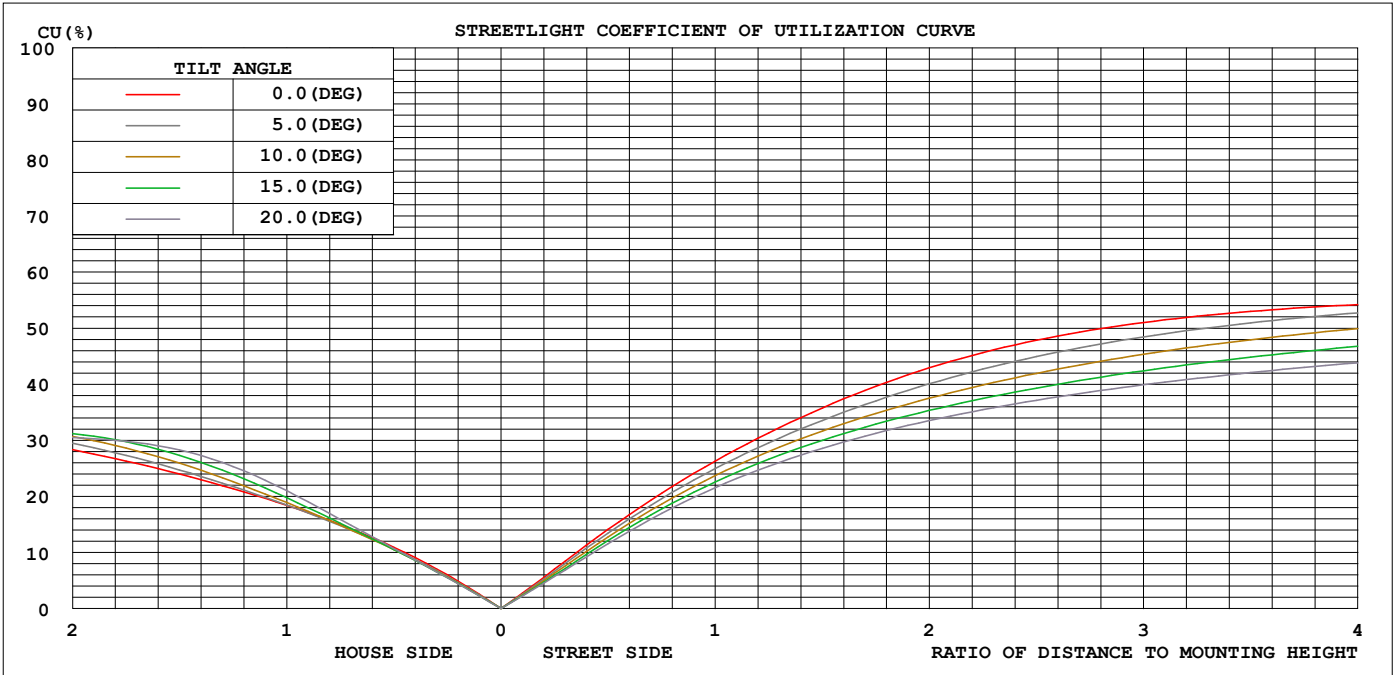
IES:Type IV - Short  
 CIE:Broad - Intermediate  
 IES:Semi cut-off  
 CIE:Non-cut-off  
 Max.At80:181.4cd/klm  
 Max.At90:10.74cd/klm  
 Max.80-90:181.4cd/klm  
 NRB 5101:Non limited[32.7%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	265
90%	238
80%	212
70%	185
60%	159
50%	132
40%	106
30%	79
20%	53
10%	26
5%	13

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:ZZX  
 Test Date:2024-03-08

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.465  
 Humidity:65.0%  
 Test Distance:26.000m [K=0.4593]  
 Remarks:

## COEFFICIENT OF UTILIZATION CURVE AND ISOLUX DIAGRAM



C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: ZZX  
Test Date: 2024-03-08

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.465  
Humidity: 65.0%  
Test Distance: 26.000m [K=0.4593]  
Remarks:

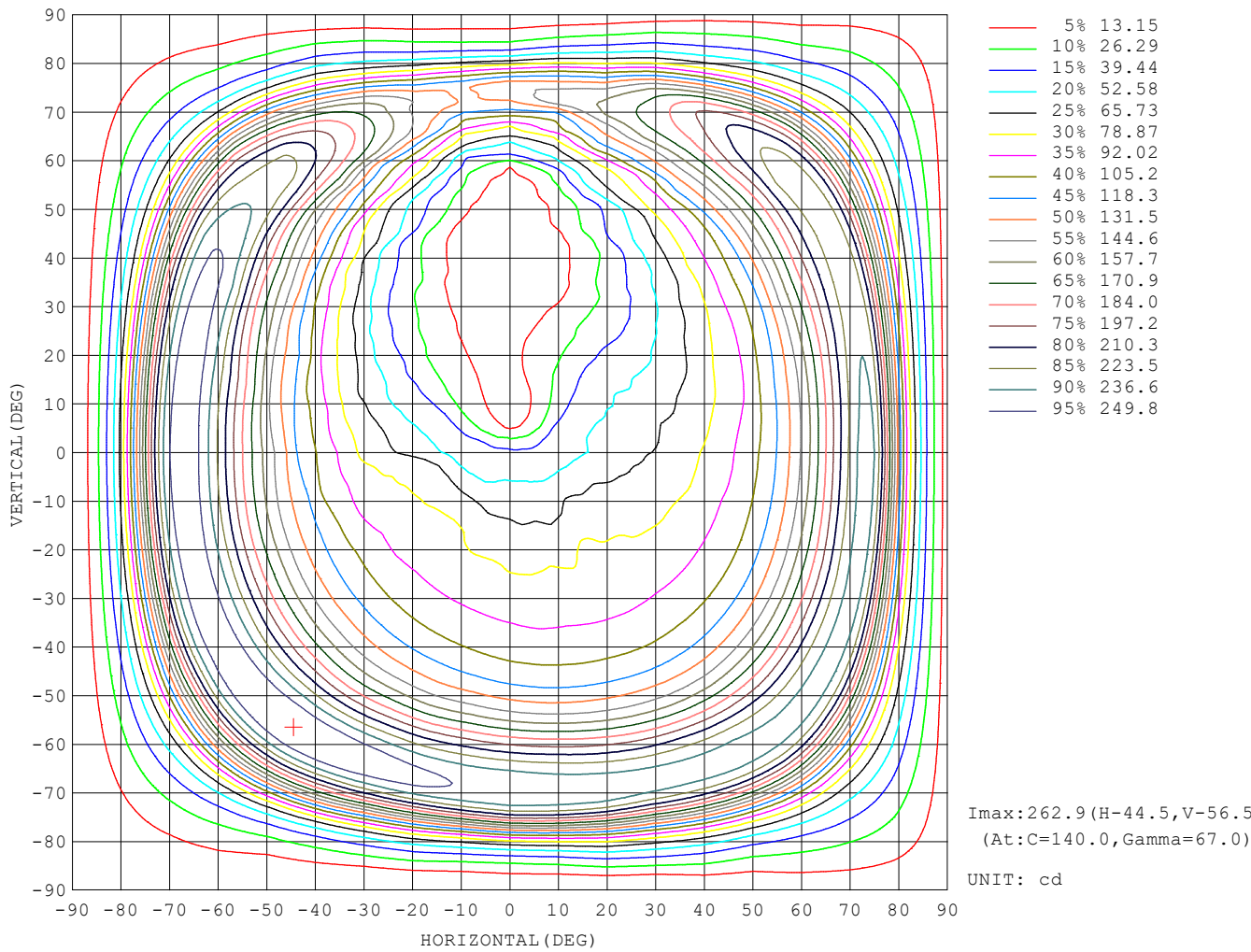
### ZONAL FLUX DIAGRAM

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	45.74	54.30	57.93	57.62	47.90	21.21	3.972	25.87	0- 10	3.664	3.664	0.53,0.53
20	57.93	72.78	75.76	82.62	62.51	26.41	8.559	39.63	10- 20	13.65	17.31	2.49,2.49
30	65.34	81.26	86.72	90.97	75.13	33.00	6.540	40.28	20- 30	26.42	43.74	6.29,6.29
40	78.95	91.09	99.90	111.2	104.6	47.06	2.592	45.30	30- 40	41.24	84.98	12.2,12.2
50	100.6	110.9	127.9	148.1	151.4	82.88	1.791	68.36	40- 50	65.61	150.6	21.6,21.6
60	144.5	161.7	196.9	221.2	219.6	146.2	26.04	117.3	50- 60	112.0	262.6	37.7,37.7
70	224.0	239.9	248.2	249.9	246.4	211.6	116.0	196.3	60- 70	191.1	453.7	65.2,65.2
80	124.9	95.82	77.36	54.59	69.38	72.77	73.56	112.2	70- 80	179.5	633.2	91,91
90	4.887	2.535	2.966	2.807	4.539	4.554	2.295	7.286	80- 90	36.62	669.8	96.3,96.3
100	3.866	2.593	2.456	2.909	4.280	4.022	2.254	4.406	90-100	3.691	673.5	96.8,96.8
110	3.744	2.832	2.635	3.132	4.386	4.024	2.814	4.468	100-110	3.586	677.1	97.3,97.3
120	4.403	3.569	3.216	3.642	4.405	4.086	3.278	4.518	110-120	3.637	680.7	97.8,97.8
130	4.599	4.324	4.022	4.356	4.466	4.489	3.958	4.833	120-130	3.691	684.4	98.4,98.4
140	4.833	4.704	4.433	4.792	4.755	4.692	4.351	4.950	130-140	3.546	687.9	98.9,98.9
150	4.847	5.073	5.009	5.168	4.978	4.941	4.793	5.288	140-150	3.005	690.9	99.3,99.3
160	5.440	5.703	5.592	5.545	5.756	5.750	5.711	5.963	150-160	2.487	693.4	99.7,99.7
170	5.973	5.820	5.662	5.730	6.639	6.741	6.629	6.638	160-170	1.672	695.1	99.9,99.9
180	7.417	7.219	6.546	6.889	7.533	7.284	6.629	6.925	170-180	0.6248	695.7	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:ZZX  
 Test Date:2024-03-08

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.465  
 Humidity:65.0%  
 Test Distance:26.000m [K=0.4593]  
 Remarks:

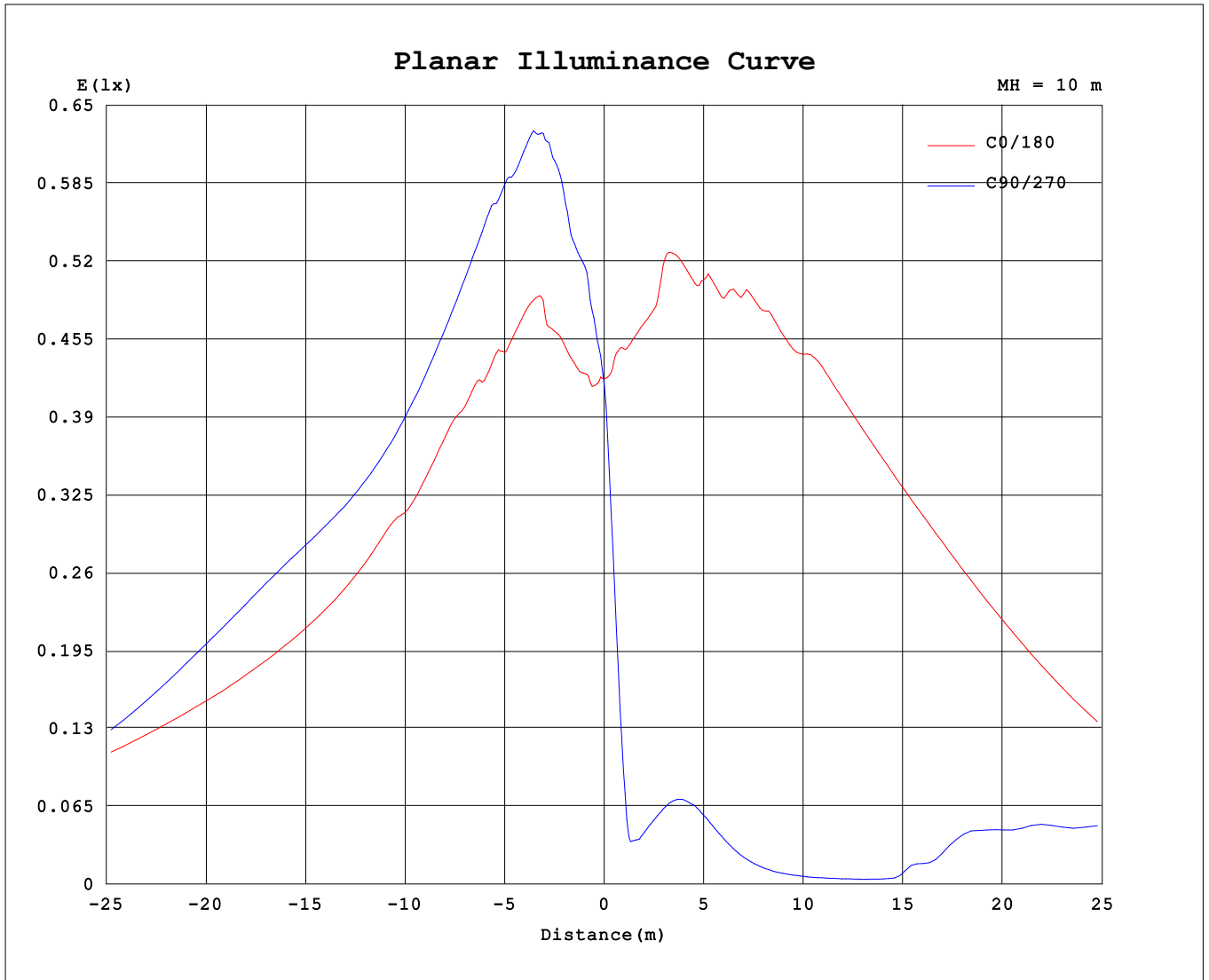
# ISOCANDELA DIAGRAM



C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3°C  
 Operators: ZZK  
 Test Date: 2024-03-08

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.465  
 Humidity: 65.0%  
 Test Distance: 26.000m [K=0.4593]  
 Remarks:

## Planar Illuminance Curve



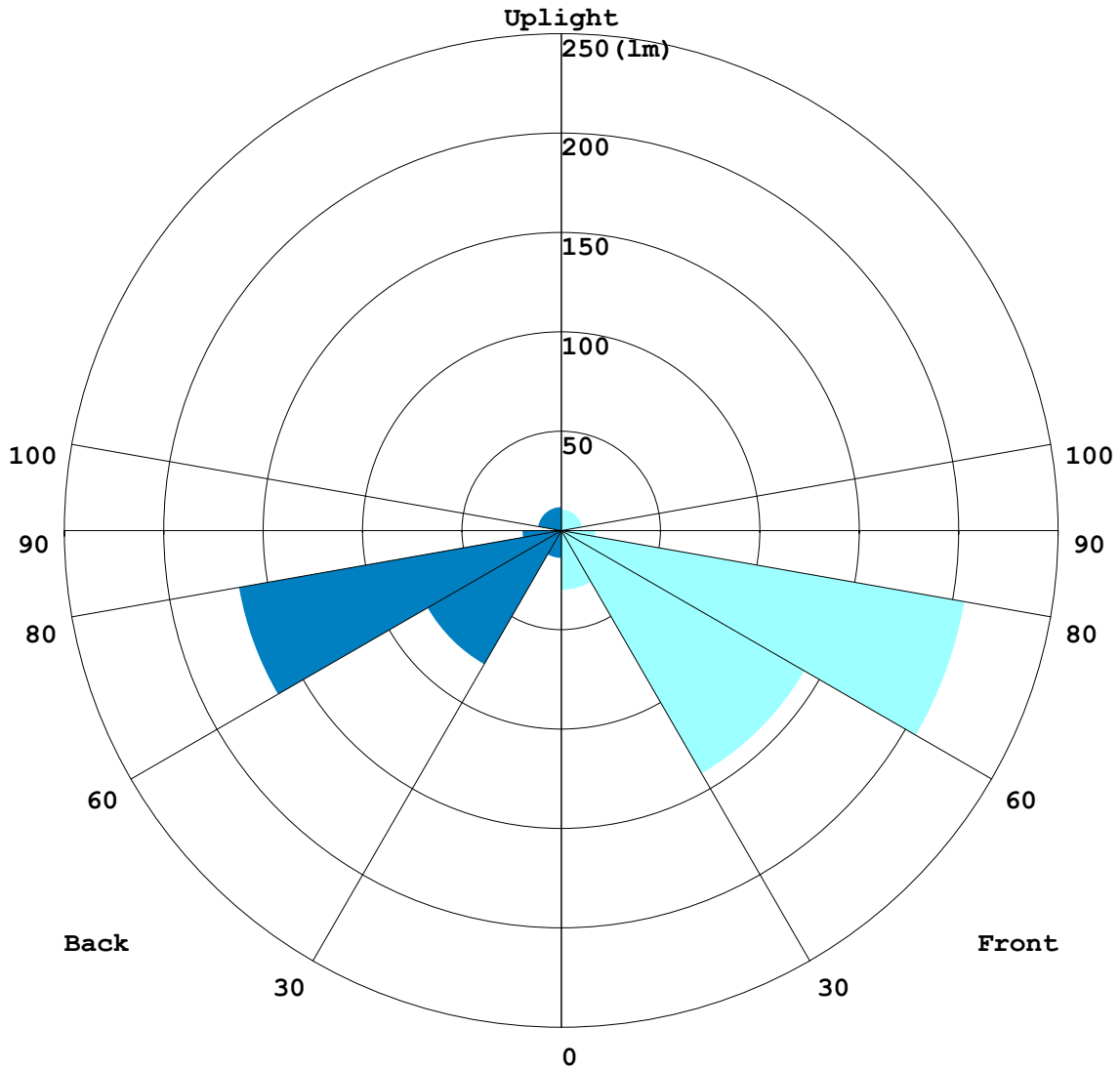
C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: ZZX  
Test Date: 2024-03-08

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.465  
Humidity: 65.0%  
Test Distance: 26.000m [K=0.4593]  
Remarks:

### LCS REPORT

Test:U:2.530V I:1.6000A P:4.048W PF:1.0000 Freq:49.97Hz UTHDi:0.00% ITHDi:0.00% KDisp:0      Lamp Flux:695.733x1 lm		
NAME: SLB10-004-4070-A02870.pdf	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°C  
 Operators:ZZX  
 Test Date:2024-03-08

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.465  
 Humidity:65.0%  
 Test Distance:26.000m [K=0.4593]  
 Remarks:

## BUG REPORT

Test:U:2.530V I:1.6000A P:4.048W PF:1.0000 Freq:49.97Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:695.733x1 lm		
NAME: SLB10-004-4070-A02870.pdf	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

### IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	29.939	4.3
FM - Front-Medium(30-60)	141.13	20.3
FH - Front-High(60-80)	206.04	29.6
FVH - Front-Very High(80-90)	17.159	2.5
<b>Total Forward Light</b>	<b>406.39</b>	<b>58.4</b>

BL - Back-Low(0-30)	13.798	2.0
BM - Back-Medium(30-60)	77.714	11.2
BH - Back-High(60-80)	164.56	23.7
BVH - Back-Very High(80-90)	19.456	2.8
<b>Total Back Light</b>	<b>289.34</b>	<b>41.6</b>

UL - Uplight-Low(90-100)	3.6907	0.5
UH - Uplight-High(100-180)	22.249	3.2
<b>Total Up Light</b>	<b>25.94</b>	<b>3.7</b>

BUG(Back,Up,Glare) Rating	B1-U2-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	275.52	13.82	289.34
Street Side	394.27	12.12	406.39

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:ZZX  
 Test Date:2024-03-08

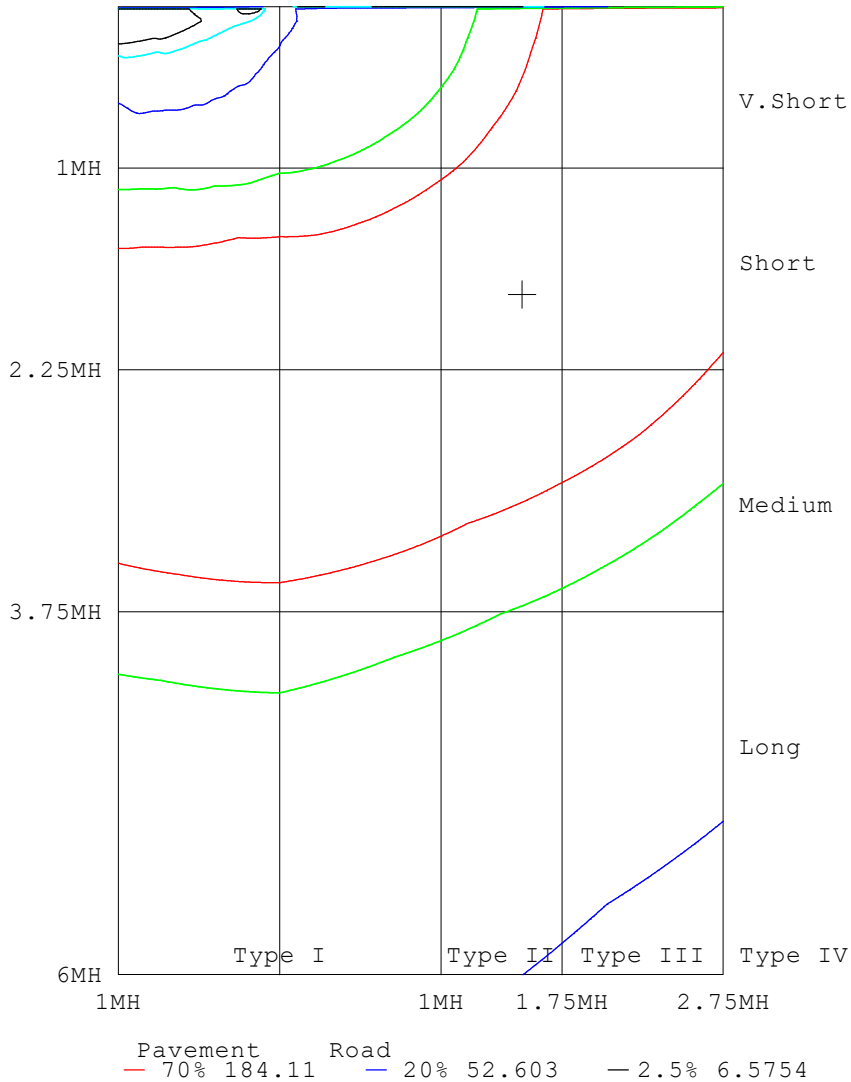
γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.465  
 Humidity:65.0%  
 Test Distance:26.000m [K=0.4593]  
 Remarks:



## ROAD ISOCANDELA REPORT

Test:U:2.530V I:1.6000A P:4.048W PF:1.0000 Freq:49.97Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:695.733x1 lm		
NAME: SLB10-004-4070-A02870.pdf	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: ZZK  
 Test Date: 2024-03-08

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.465  
 Humidity: 65.0%  
 Test Distance: 26.000m [K=0.4593]  
 Remarks: