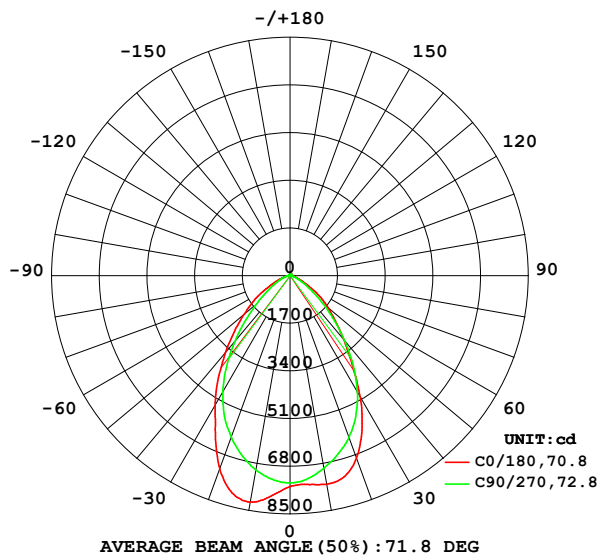
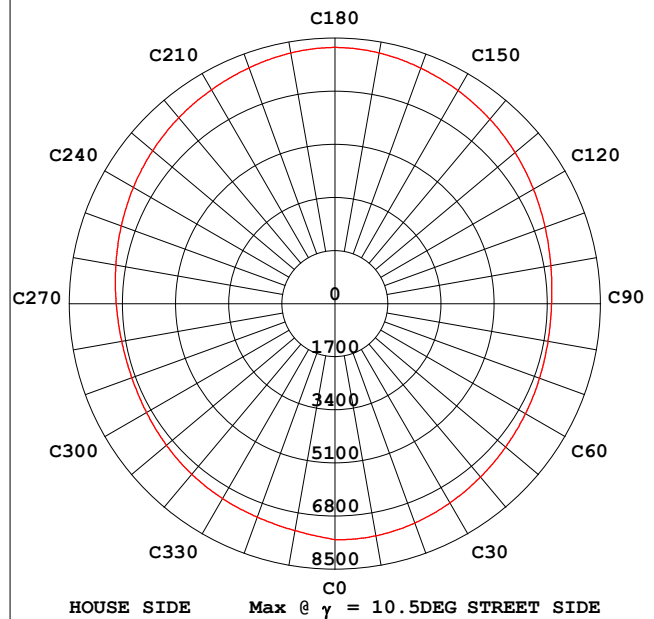


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:118.98V I:0.6843A P:80.827W PF:0.9928 Freq:60.00Hz		
Lamp Flux:11973.8x1 lm		
NAME:		
SPEC.:		
MFR.:		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 148.14 lm/W			
MODEL		I _{max} (cd)	8204	η street_up (%)	0.6
NOMINAL POWER(W)	80	LOR (%)	100.0	η street_down (%)	48.5
RATED VOLTAGE (V)	120	TOTAL FLUX(lm)	11974	η house_up (%)	0.6
NOMINAL FLUX(lm)	11973.8	MAXIMUM @ (C,γ)	180,10.5	η house_down (%)	50.3
LAMPS INSIDE	1	η up (%)	1.2	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE (V)	120	η down (%)	98.8	SLI	17.244

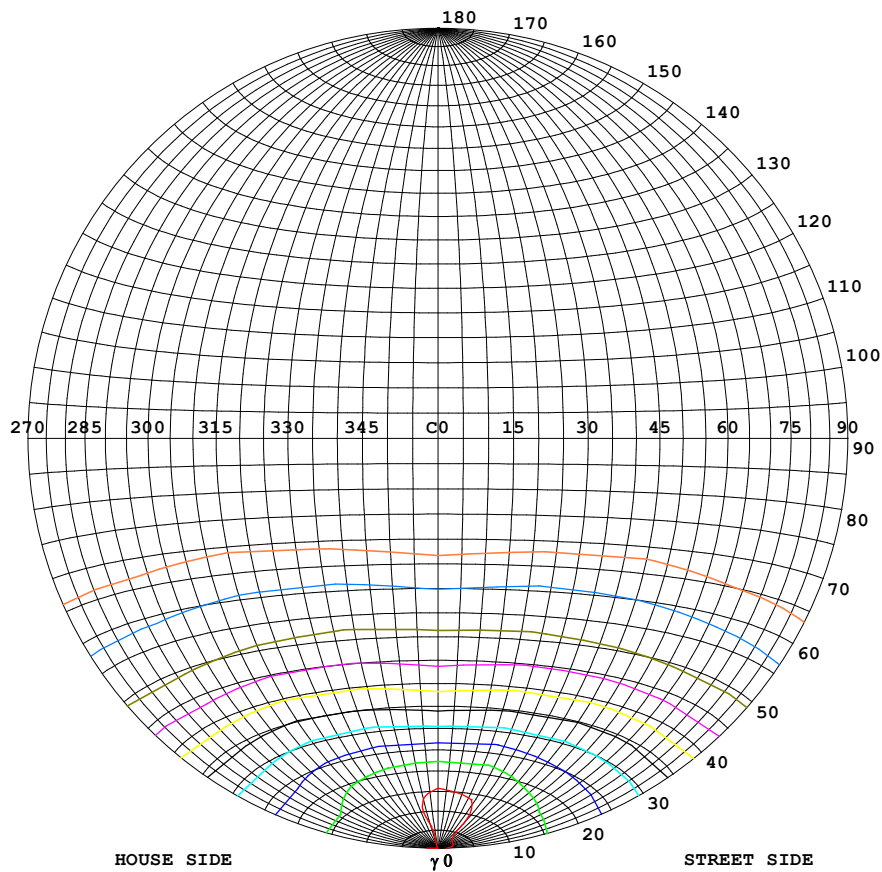
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators:
Test Date: 2024-05-06

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity: 65.0%
Test Distance: 7.450m [K=1.0000]
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:118.98V I:0.6843A P:80.827W PF:0.9928 Freq:60.00Hz Lamp Flux:11973.8x1 lm		
NAME:		
SPEC.:		
MFR.:		



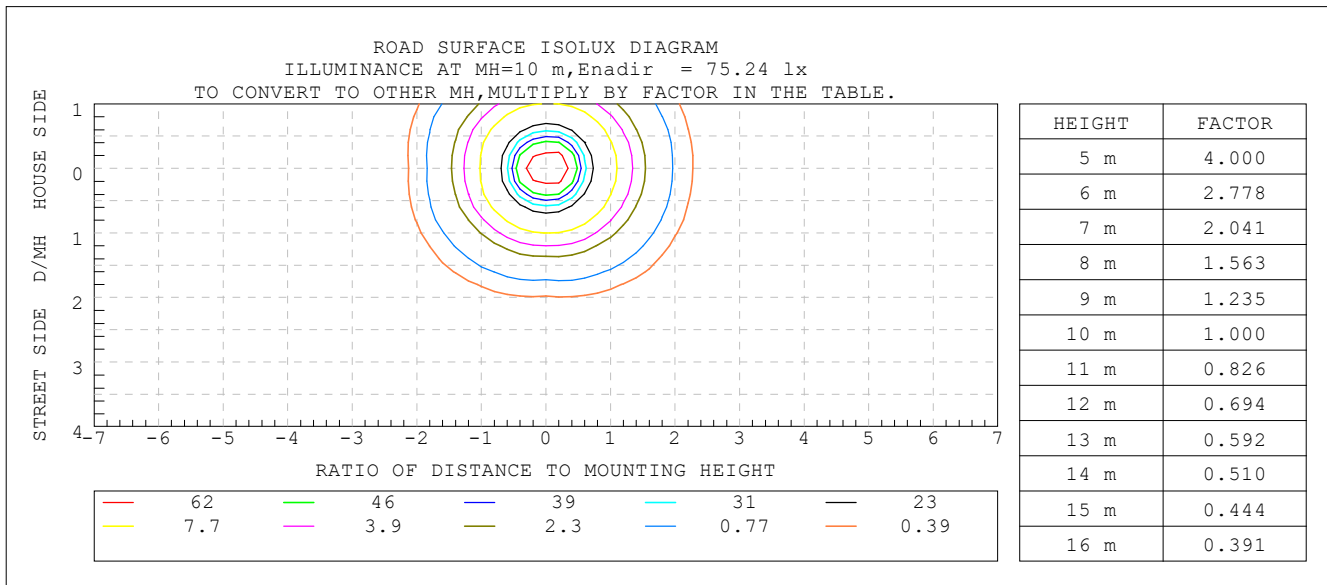
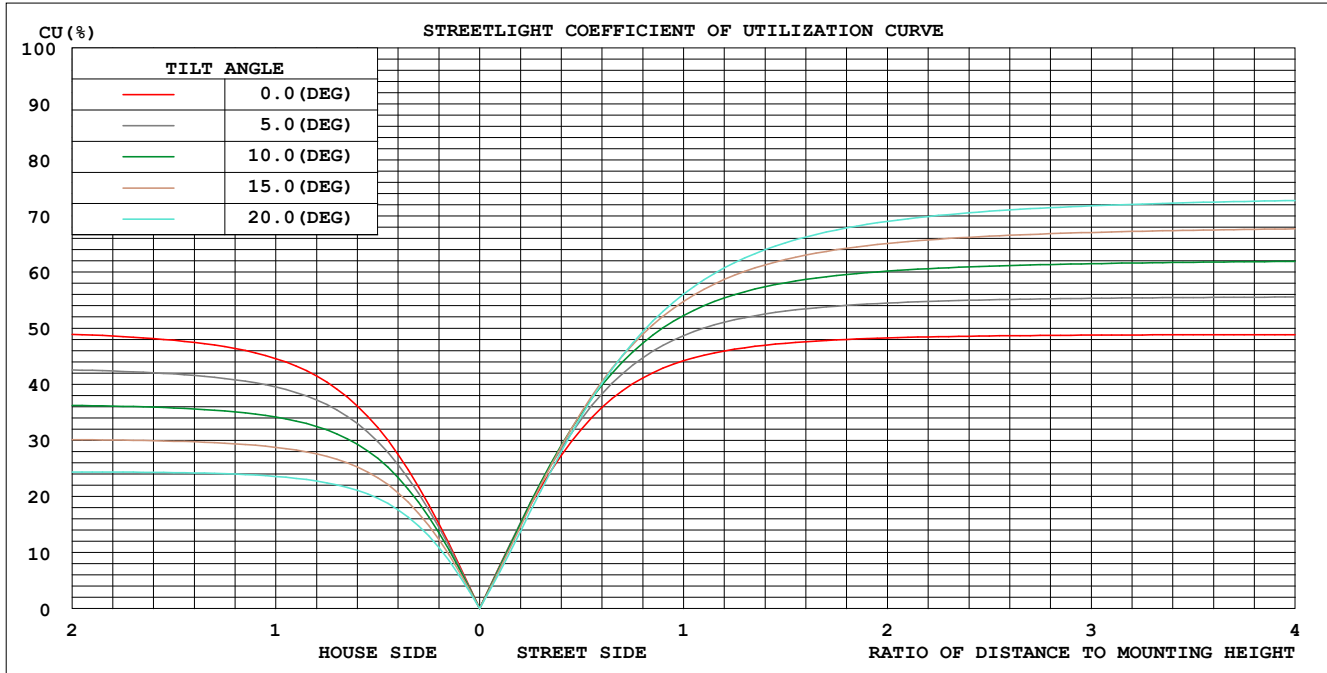
Classification:

IES:Type V - Very Short
CIE:Narrow - Short
IES:Cut-off
CIE:Full cut-off
Max.At80:9.044cd/klm
Max.At90:0.2854cd/klm
Max.80-90:9.044cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	8204
90%	7384
80%	6563
70%	5743
60%	4922
50%	4102
40%	3282
30%	2461
20%	1641
10%	820
5%	410

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2024-05-06

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:7.450m [K=1.0000]
Remarks:

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators:
Test Date: 2024-05-06

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity: 65.0%
Test Distance: 7.450m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:118.98V I:0.6843A P:80.827W PF:0.9928 Freq:60.00Hz		
Lamp Flux:11973.8x1 lm		
NAME:		
SPEC.:		
MFR.:		

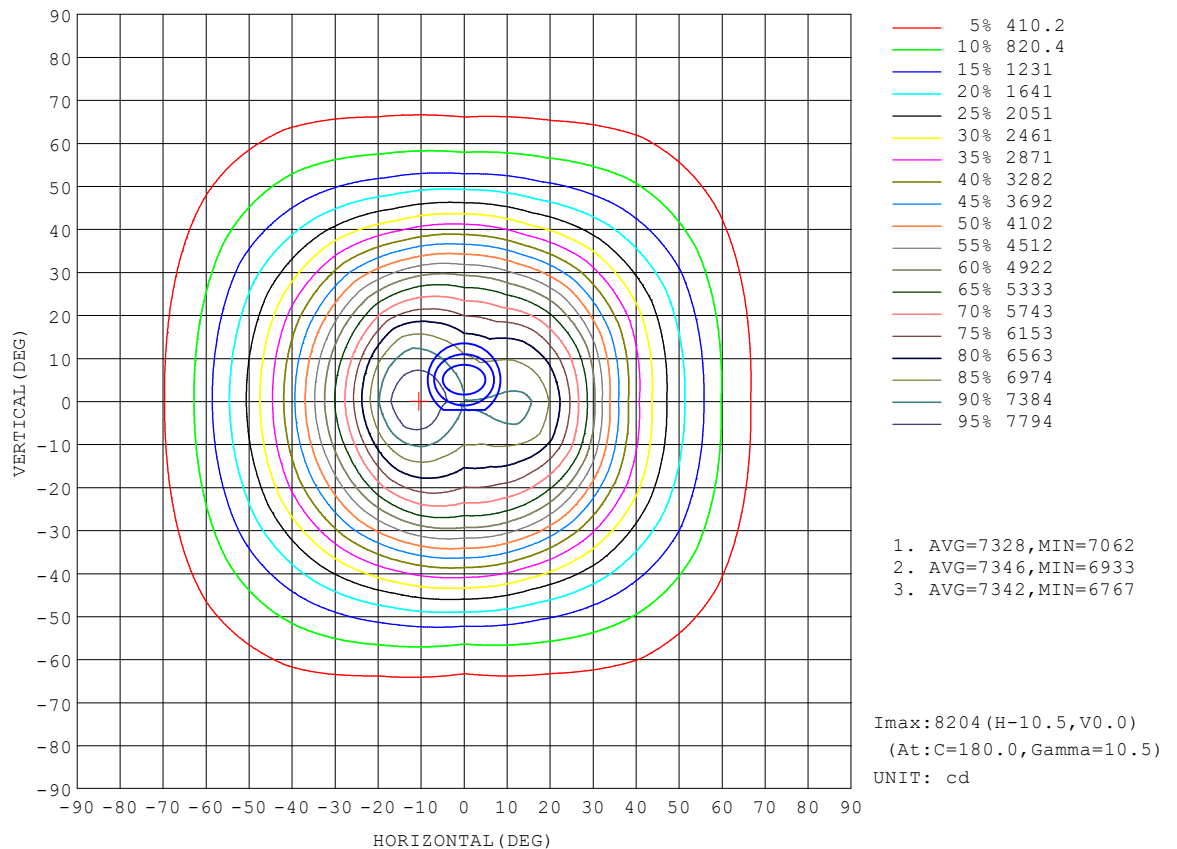
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	7556	7209	6976	7636	8196	7711	7035	7098	0- 10	710.3	710.3	5.93,5.93
20	6934	6472	6142	6841	7338	7076	6135	6496	10- 20	2009	2720	22.7,22.7
30	5023	5016	4813	5201	5351	5360	4808	5027	20- 30	2716	5436	45.4,45.4
40	2990	3148	3039	3449	3590	3561	3069	3227	30- 40	2587	8022	67,67
50	1762	1706	1503	1898	2125	1964	1549	1751	40- 50	1901	9924	82.9,82.9
60	801.0	821.6	583.1	926.2	1081	979.8	692.9	871.3	50- 60	1145	11069	92.4,92.4
70	284.6	290.4	194.1	347.0	394.7	424.2	292.7	363.9	60- 70	553.6	11623	97.1,97.1
80	61.49	24.11	1.558	35.83	97.84	93.19	79.91	72.85	70- 80	184.3	11807	98.6,98.6
90	3.194	2.882	2.310	2.558	3.176	3.417	2.624	2.930	80- 90	21.59	11829	98.8,98.8
100	6.803	6.130	4.991	5.460	4.956	4.671	3.981	5.164	90-100	4.101	11833	98.8,98.8
110	12.90	11.67	9.957	10.58	9.830	9.384	8.684	10.34	100-110	8.027	11841	98.9,98.9
120	21.51	19.60	17.61	18.14	17.54	16.61	16.19	17.86	110-120	13.87	11855	99,99
130	32.09	29.54	27.43	27.80	27.43	25.95	25.80	27.43	120-130	20.42	11875	99.2,99.2
140	42.44	39.84	38.27	38.20	37.91	36.07	36.25	37.57	130-140	25.49	11901	99.4,99.4
150	51.19	49.30	48.23	47.55	47.19	45.51	45.95	46.73	140-150	26.92	11928	99.6,99.6
160	56.92	56.16	55.75	55.17	54.58	53.75	53.63	53.86	150-160	23.77	11951	99.8,99.8
170	62.95	61.66	62.36	61.11	62.12	60.46	61.60	60.30	160-170	16.43	11968	99.9,99.9
180	69.90	67.69	68.81	66.65	70.14	67.82	68.97	66.72	170-180	6.099	11974	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2024-05-06

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:7.450m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

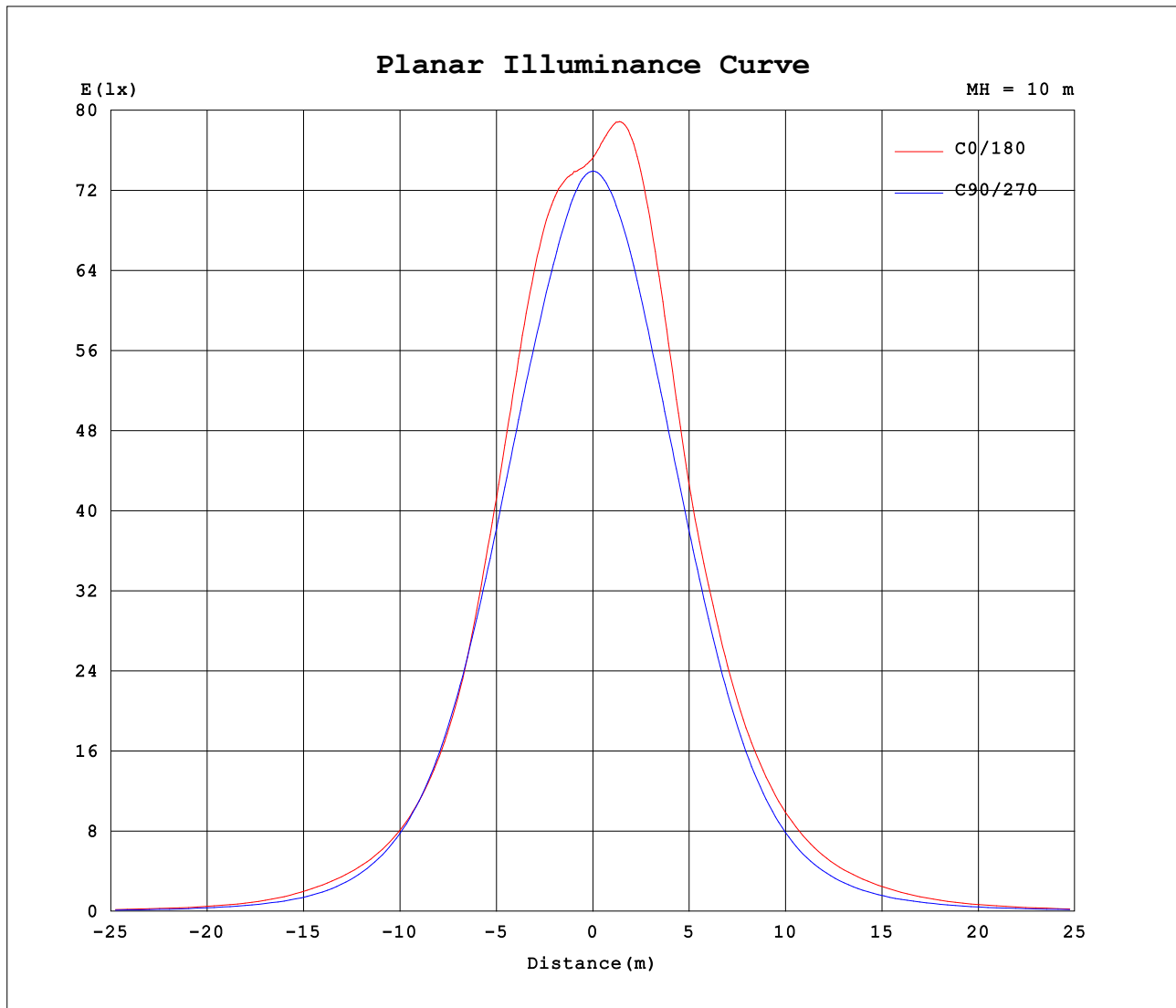
Test:U:118.98V I:0.6843A P:80.827W PF:0.9928 Freq:60.00Hz Lamp Flux:11973.8x1 lm		
NAME:		
SPEC.:		
MFR.:		



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2024-05-06

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:7.450m [K=1.0000]
Remarks:

Planar Illuminance Curve



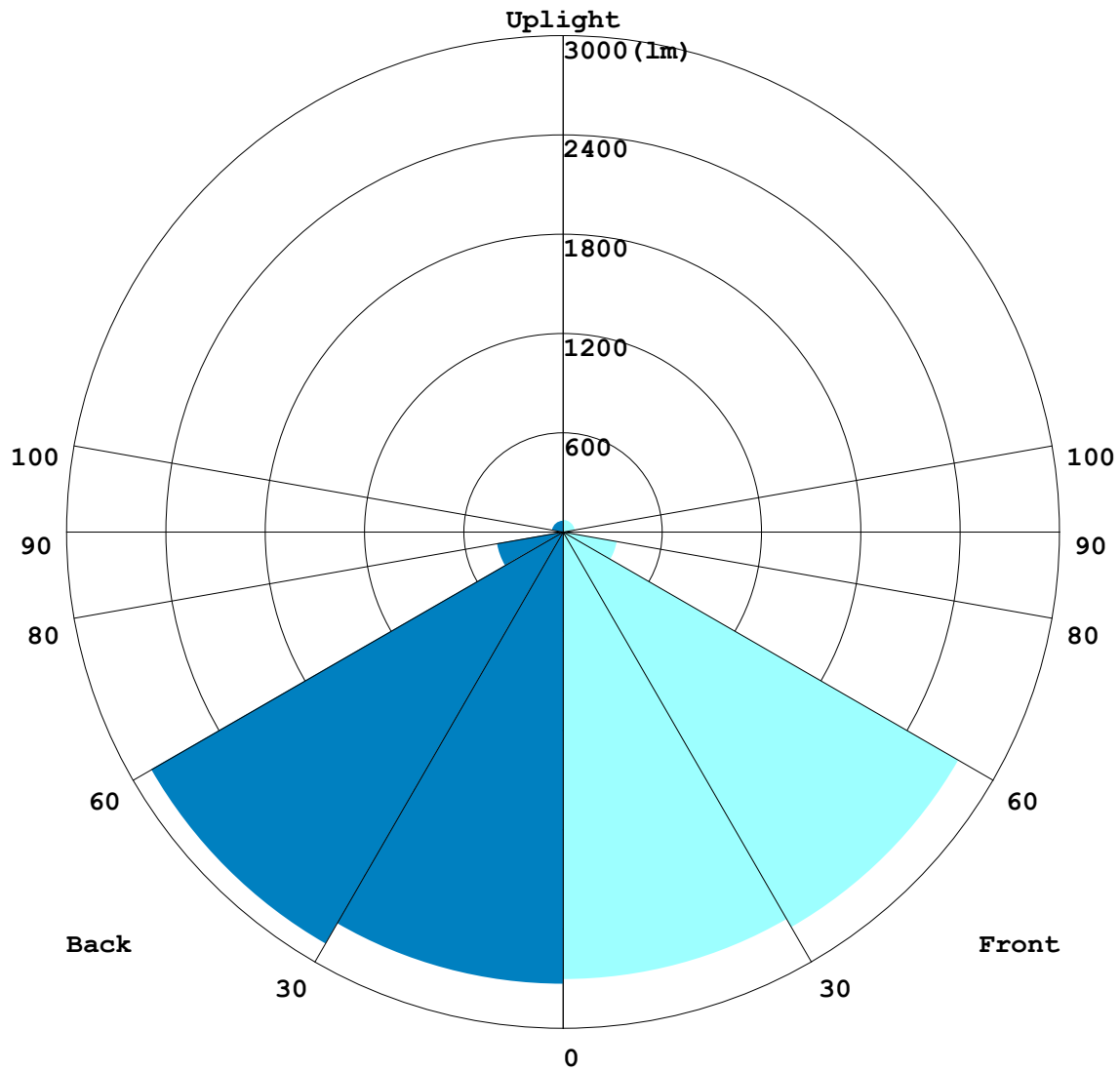
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators:
Test Date: 2024-05-06

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity: 65.0%
Test Distance: 7.450m [K=1.0000]
Remarks:

LCS REPORT

Test:U:118.98V I:0.6843A P:80.827W PF:0.9928 Freq:60.00Hz		
Lamp Flux:11973.8x1 lm		
NAME:		
SPEC.:		
MFR.:		

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2024-05-06

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:7.450m [K=1.0000]
 Remarks:

BUG REPORT

Test:U:118.98V I:0.6843A P:80.827W PF:0.9928 Freq:60.00Hz Lamp Flux:11973.8x1 lm		
NAME:		
SPEC.:		
MFR.:		

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	2704.2	22.6
FM - Front-Medium(30-60)	2760.4	23.1
FH - Front-High(60-80)	332.81	2.8
FVH - Front-Very High(80-90)	5.5239	0.0
Total Forward Light	5878	49.1

BL - Back-Low(0-30)	2731.7	22.8
BM - Back-Medium(30-60)	2872.9	24.0
BH - Back-High(60-80)	405.01	3.4
BVH - Back-Very High(80-90)	16.061	0.1
Total Back Light	6095.8	50.9

UL - Uplight-Low(90-100)	4.1006	0.0
UH - Uplight-High(100-180)	141.02	1.2
Total Up Light	145.12	1.2

BUG (Back,Up,Glare) Rating	B4-U3-G1
----------------------------	----------

Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	6025.7	70.089	6095.8
Street Side	5803	75.035	5878

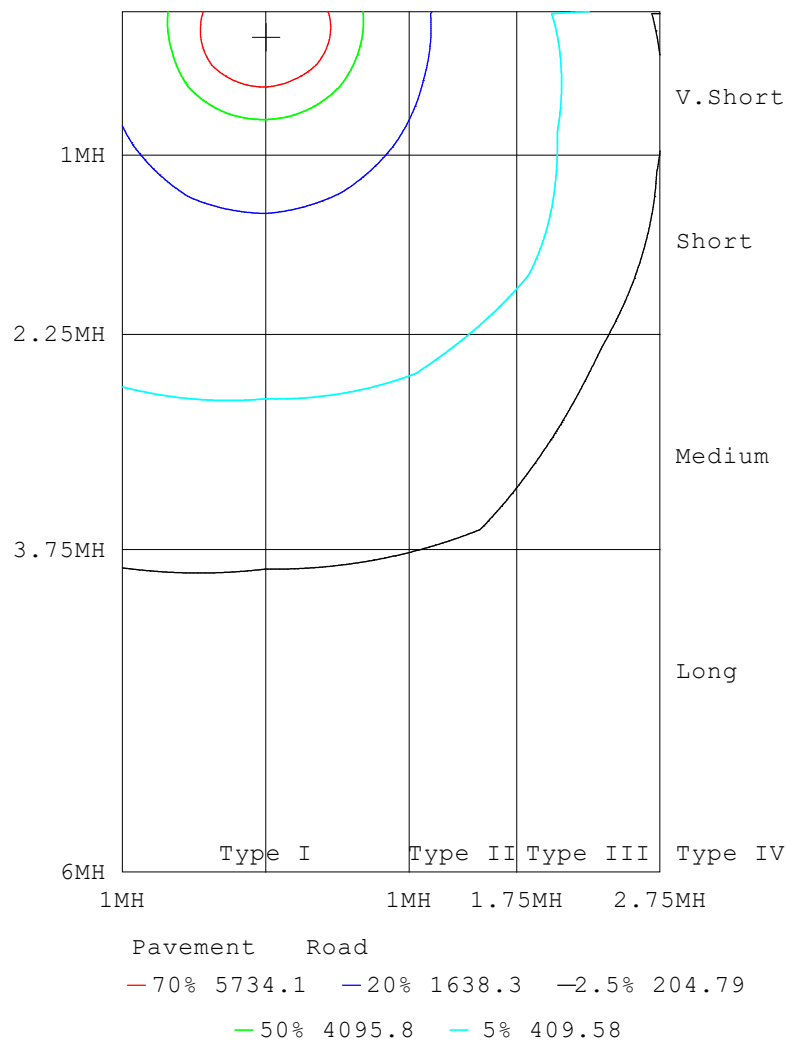
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2024-05-06

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:7.450m [K=1.0000]
Remarks:

ROAD ISOCANDELA REPORT

Test:U:118.98V I:0.6843A P:80.827W PF:0.9928 Freq:60.00Hz		
Lamp Flux:11973.8x1 lm		
NAME:		
SPEC.:		
MFR.:		

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2024-05-06

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:7.450m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:118.98V I:0.6843A P:80.827W PF:0.9928 Freq:60.00Hz																		
Lamp Flux:11973.8x1 lm																		
NAME:																		
SPEC.:																		
MFR.:																		

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	7524	7499	7466	7443	7392	7356	7343	7323	7524	7499	7466	7443	7392	7356	7343	7323			
5	7473	7417	7338	7284	7272	7388	7558	7696	7893	7816	7645	7459	7295	7200	7204	7225			
10	7556	7448	7209	7020	6976	7225	7636	7986	8196	8007	7711	7346	7035	6956	7098	7252			
15	7433	7320	6935	6671	6597	6909	7355	7800	8020	7815	7548	7047	6639	6614	6904	7144			
20	6934	6859	6472	6230	6142	6479	6841	7118	7338	7257	7076	6539	6135	6142	6496	6753			
25	6075	6098	5827	5639	5552	5856	6116	6173	6307	6322	6274	5873	5535	5537	5844	6026			
30	5023	5129	5016	4873	4813	5031	5201	5228	5351	5331	5360	5081	4808	4794	5027	5118			
35	3872	4042	4071	3965	3950	4125	4329	4375	4463	4477	4463	4158	3957	3933	4137	4092			
40	2990	3157	3148	3028	3039	3200	3449	3546	3590	3623	3561	3209	3069	3011	3227	3220			
45	2292	2425	2355	2191	2200	2354	2614	2780	2804	2856	2712	2354	2233	2201	2428	2475			
50	1762	1817	1706	1540	1503	1652	1898	2079	2125	2150	1964	1665	1549	1553	1751	1863			
55	1305	1336	1201	1049	949	1122	1338	1520	1600	1576	1399	1157	1044	1081	1249	1372			
60	801	904	822	694	583	736	926	1057	1081	1114	980	790	693	739	871	944			
65	485	549	536	413	345	436	608	668	665	699	669	523	446	486	591	577			
70	285	327	290	230	194	246	347	405	395	427	424	332	293	306	364	343			
75	153	174	120	84.1	65.5	94.0	149	225	221	240	228	193	174	175	183	184			
80	61.5	61.9	24.1	5.23	1.56	7.57	35.8	88.0	97.8	108	93.2	87.6	79.9	76.5	72.9	75.2			
85	13.2	8.85	2.95	1.74	1.55	1.63	3.27	15.0	28.0	27.6	25.1	22.6	19.4	17.8	17.4	15.7			
90	3.19	3.08	2.88	2.49	2.31	2.33	2.56	2.61	3.18	3.25	3.42	2.82	2.62	2.74	2.93	2.87			
95	4.77	4.57	4.26	3.67	3.42	3.43	3.78	3.85	3.38	3.49	3.30	2.84	2.61	2.99	3.57	4.01			
100	6.80	6.58	6.13	5.33	4.99	4.99	5.46	5.58	4.96	4.98	4.67	4.24	3.98	4.50	5.16	5.78			
105	9.52	9.16	8.60	7.61	7.12	7.14	7.70	7.86	7.09	7.04	6.74	6.23	6.03	6.60	7.46	8.15			
110	12.9	12.4	11.7	10.5	9.96	9.90	10.6	10.7	9.83	9.75	9.38	8.91	8.68	9.41	10.3	11.2			
115	16.9	16.2	15.4	14.1	13.5	13.3	14.1	14.4	13.3	13.2	12.7	12.3	12.1	12.9	13.8	14.8			
120	21.5	20.6	19.6	18.4	17.6	17.4	18.1	18.7	17.5	17.2	16.6	16.2	16.2	17.0	17.9	19.0			
125	26.7	25.7	24.5	23.1	22.3	21.9	22.8	23.5	22.3	21.7	21.1	20.7	20.8	21.6	22.5	23.8			
130	32.1	31.0	29.5	28.2	27.4	26.8	27.8	28.6	27.4	26.7	25.9	25.5	25.8	26.6	27.4	28.9			
135	37.4	36.3	34.7	33.6	32.8	32.0	33.0	33.7	32.7	31.9	31.0	30.4	31.0	31.7	32.5	34.1			
140	42.4	41.5	39.8	38.9	38.3	37.3	38.2	38.7	37.9	37.1	36.1	35.4	36.3	36.8	37.6	39.1			
145	47.0	46.1	44.8	43.8	43.5	42.6	43.0	43.4	42.7	42.1	40.9	40.2	41.3	41.9	42.4	44.0			
150	51.2	50.4	49.3	48.5	48.2	47.4	47.5	47.9	47.2	46.7	45.5	44.8	45.9	46.5	46.7	48.7			
155	54.3	54.0	53.1	52.8	52.4	51.8	51.6	52.1	51.2	50.8	49.8	49.1	50.1	50.5	50.6	52.6			
160	56.9	57.1	56.2	56.5	55.7	55.6	55.2	55.4	54.6	54.4	53.8	53.2	53.6	54.0	53.9	56.2			
165	59.6	60.0	58.9	59.2	58.9	59.1	58.2	58.0	58.0	57.4	57.1	57.3	57.6	57.2	57.3	59.4			
170	63.0	62.8	61.7	61.9	62.4	62.1	61.1	60.5	62.1	60.9	60.5	61.2	61.6	60.4	60.3	62.7			
175	67.6	66.6	65.5	64.8	65.8	65.2	64.3	63.7	66.9	64.9	64.5	65.0	65.4	63.9	63.7	64.9			
180	69.9	68.7	67.7	68.0	68.8	67.1	66.6	67.1	70.1	68.5	67.8	67.9	69.0	67.0	66.7	67.0			

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2024-05-06

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:7.450m [K=1.0000]
Remarks: