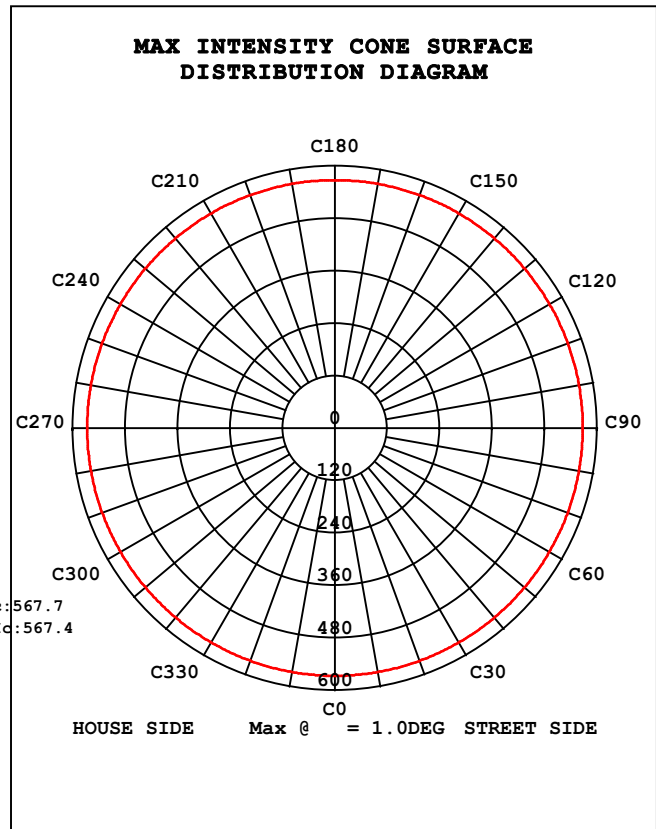
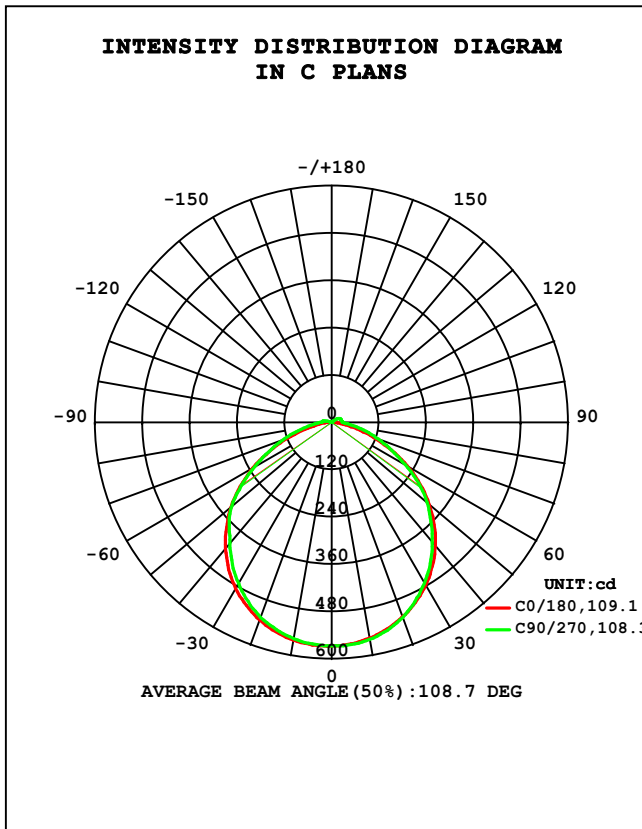


STREETLIGHT PHOTOMETRIC TEST REPORT

NAME: EKF4107127	TYPE: 2700K	WEIGHT:
SPEC.:	DIM.: 1000MM	SERIAL No.:
MFR.:	SUR.: 0.01	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 83 lm/W			
MODEL	2835-110L-2700K	Imax (cd)	567.7	street_up (%)	1.6
NOMINAL POWER (W)		LOR (%)	100.0	street_down (%)	48.2
RATED VOLTAGE (V)	Ac127	TOTAL FLUX (lm)	585	house_up (%)	0.8
NOMINAL FLUX (lm)	585	MAXIMUM @ (C,)	180, 1.0	house_down (%)	49.4
LAMPS INSIDE	1	up (%)	2.4	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	Ac127	down (%)	97.6	SLI	16.087

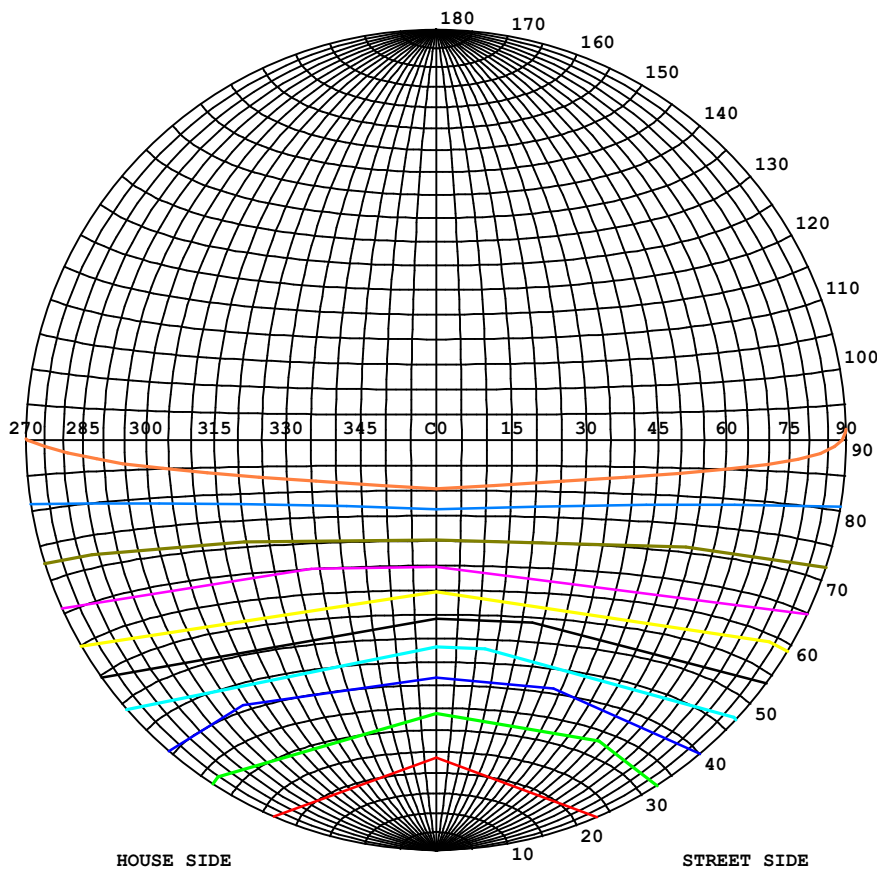


C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature: DEG
 Operators: QC01
 Test Date: 2021-09-26

Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.404.7
 Humidity: 65.0%
 Test Distance: 8.702m [K=1.0000]
 Remarks: EKF4107127
 127V 2835-110L
 2700K

STREETLIGHT ISOCANDELA DIAGRAM

NAME: EKF4107127	TYPE: 2700K	WEIGHT:
SPEC.:	DIM.: 1000MM	SERIAL No.:
MFR.:	SUR.: 0.01	Shielding Angle:



Classification:

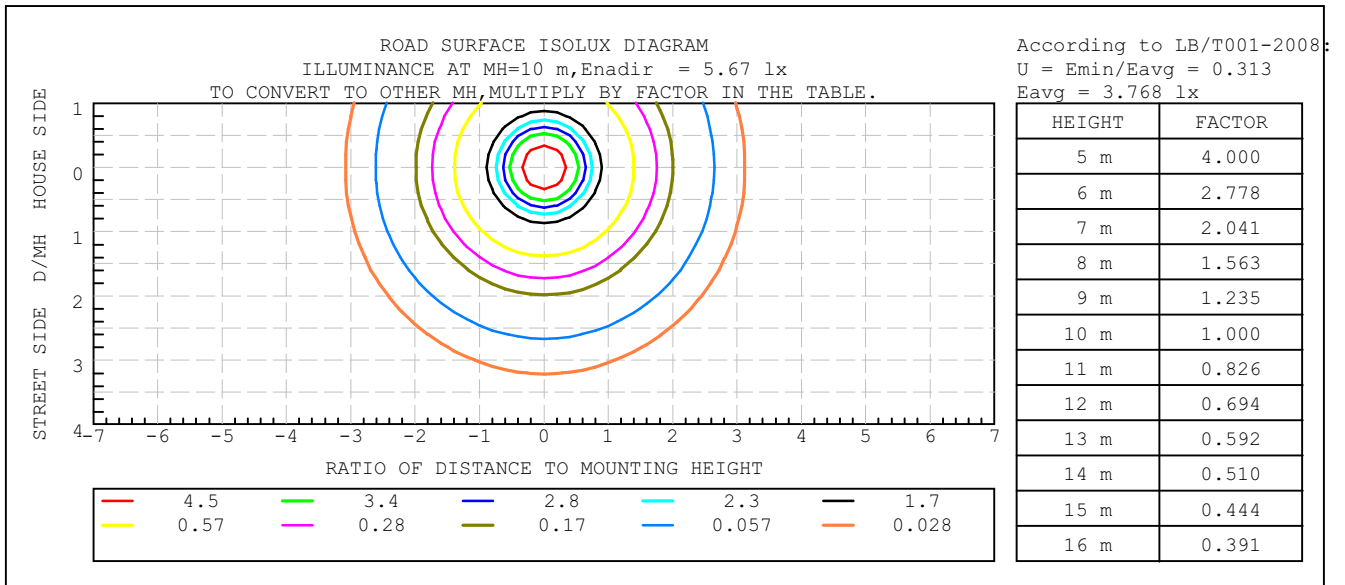
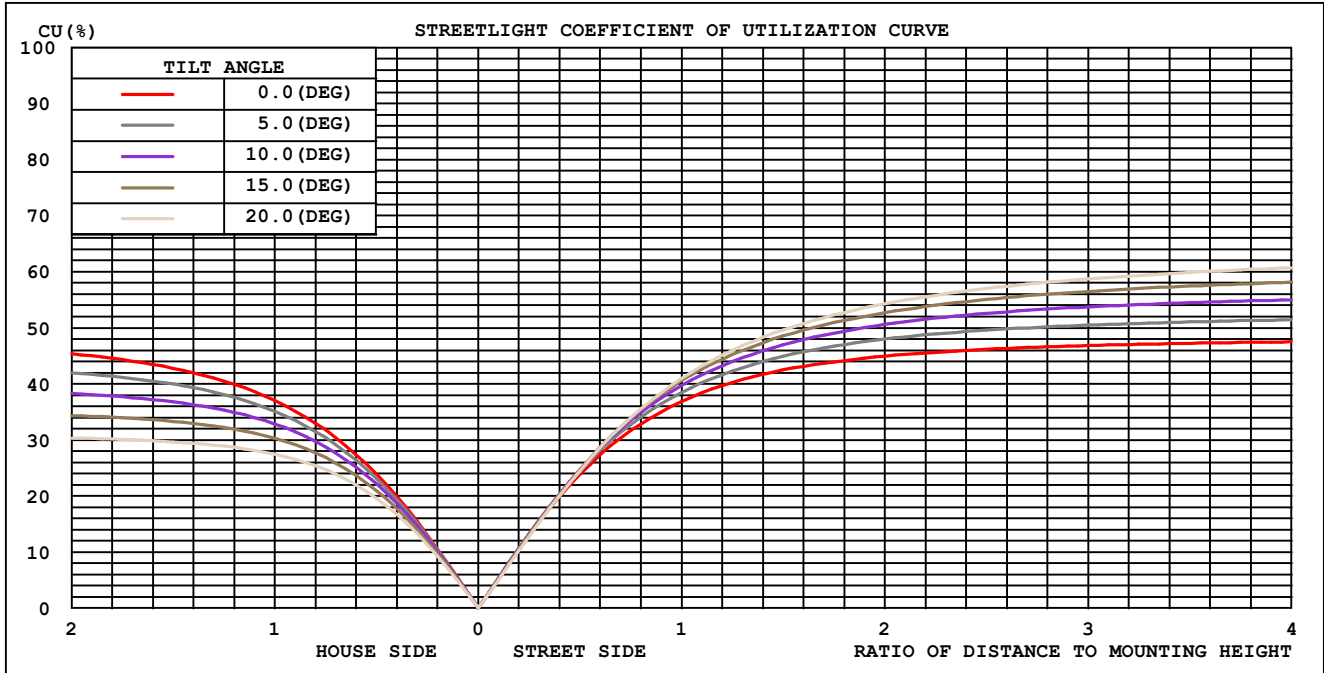
IES: Type V - Very Short
 CIE: Narrow - Short
 IES: Cut-off
 CIE: Semi-cut-off
 Max. At 80: 39.48cd/klm
 Max. At 90: 18.29cd/klm
 Max. 80-90: 39.48cd/klm
 NRB 5101: Limited[4.0%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	568
90%	511
80%	454
70%	397
60%	341
50%	284
40%	227
30%	170
20%	114
10%	57
5%	28

C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature: DEG
 Operators: QC01
 Test Date: 2021-09-26

Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.404.7
 Humidity: 65.0%
 Test Distance: 8.702m [K=1.0000]
 Remarks: EKF4107127
 127V 2835-110L
 2700K

COEFFICIENT OF UTILIZATION CURVE AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature: DEG
Operators: QC01
Test Date: 2021-09-26

Range: 0 - 180DEG
Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.404.7
Humidity: 65.0%
Test Distance: 8.702m [K=1.0000]
Remarks: EKF4107127
127V 2835-110L
2700K

ZONAL FLUX DIAGRAM

NAME: EKF4107127	TYPE:2700K	WEIGHT:
SPEC.:	DIM.: 1000MM	SERIAL No.:
MFR.:	SUR.:0.01	Shielding Angle:

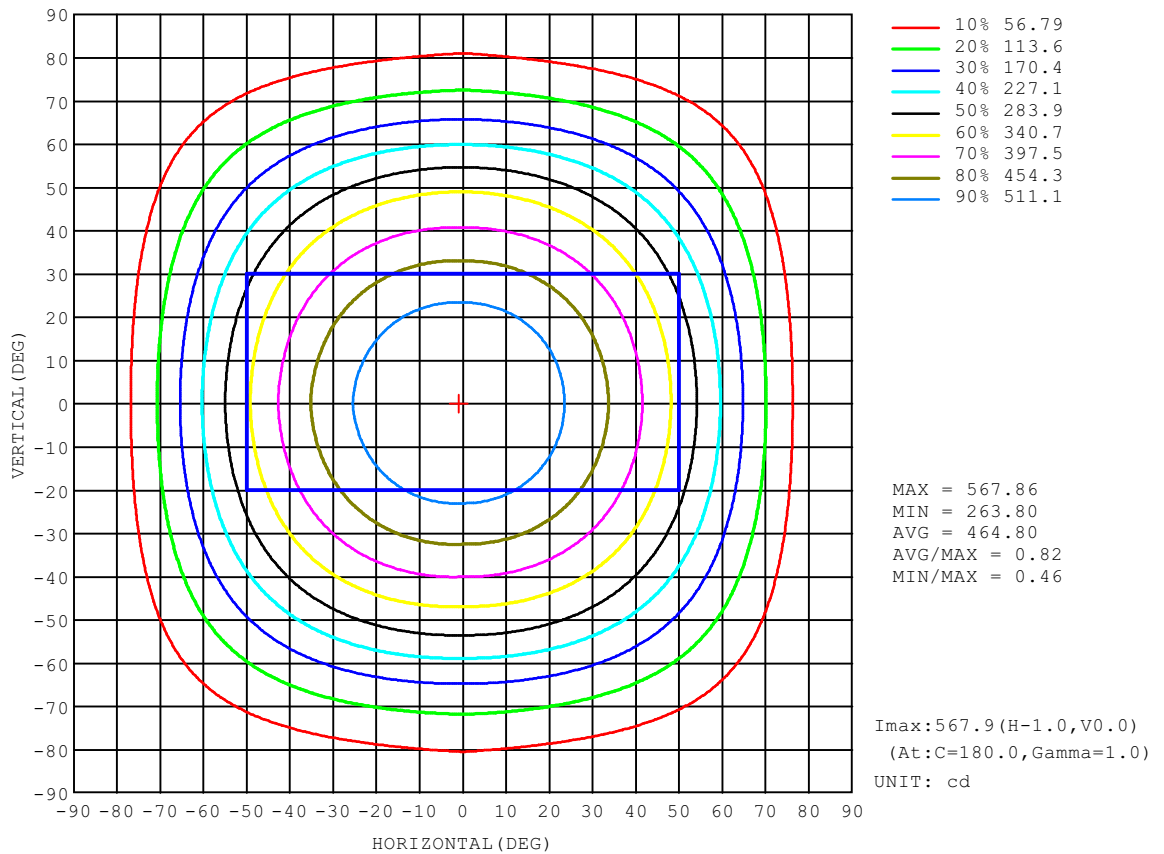
	C0	C90	C180	C270						zone	total	%lum,lamp
10	555.9	559.0	560.6	557.1					0- 10	53.73	53.73	3.41,3.41
20	526.1	526.4	534.2	526.5					10- 20	154.0	207.8	13.2,13.2
30	477.2	470.9	487.0	473.4					20- 30	232.7	440.5	28,28
40	409.5	398.3	419.3	402.2					30- 40	277.9	718.3	45.6,45.6
50	323.4	316.8	333.1	331.9					40- 50	283.7	1002	63.7,63.7
60	222.4	215.8	230.5	225.5					50- 60	246.9	1249	79.4,79.4
70	114.4	127.4	120.5	133.7					60- 70	170.6	1420	90.2,90.2
80	30.16	59.90	33.95	62.12					70- 80	86.97	1507	95.7,95.7
90	0.0132	28.78	0.8460	28.53					80- 90	28.96	1536	97.6,97.6
100	0	26.39	0	23.01					90-100	14.44	1550	98.5,98.5
110	0	25.45	0	8.492					100-110	11.57	1562	99.2,99.2
120	0	20.93	0	2.151					110-120	6.999	1569	99.7,99.7
130	0	8.556	0	0.0004					120-130	3.717	1572	99.9,99.9
140	0	4.009	0	0					130-140	1.074	1573	100,100
150	0	0	0	0					140-150	0.2633	1574	100,100
160	0	0	0	0					150-160	0	1574	100,100
170	0	0	0	0					160-170	0	1574	100,100
180	0	0	0	0					170-180	0	1574	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:DEG
Operators:QC01
Test Date:2021-09-26

Range: 0 - 180DEG
Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.7
Humidity:65.0%
Test Distance:8.702m [K=1.0000]
Remarks: EKF4107127
127V 2835-110L
2700K

ISOCANDELA DIAGRAM

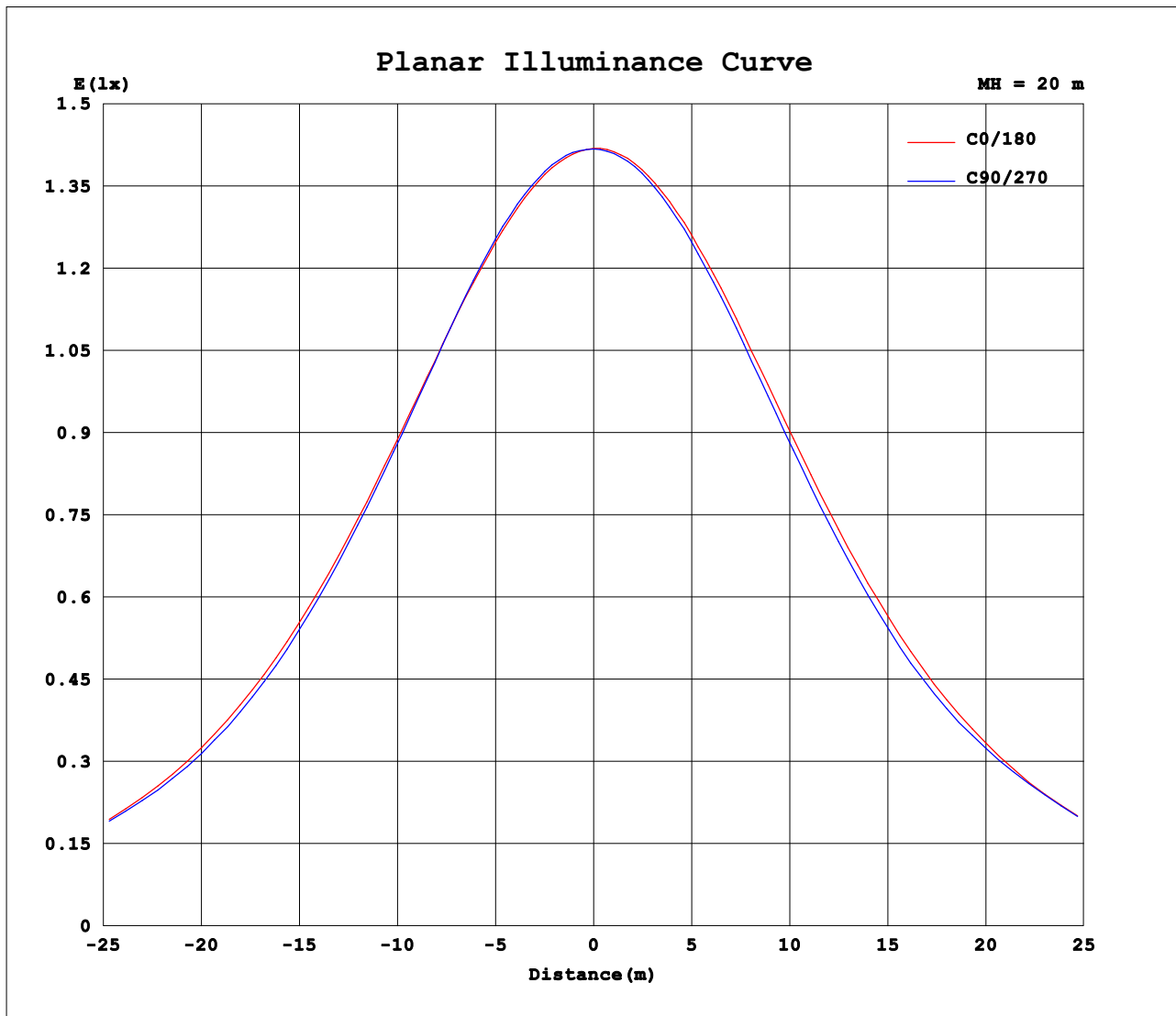
NAME: EKF4107127	TYPE: 2700K	WEIGHT:
SPEC.:	DIM.: 1000MM	SERIAL No.:
MFR.:	SUR.: 0.01	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature: DEG
Operators: QC01
Test Date: 2021-09-26

Range: 0 - 180DEG
Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.404.7
Humidity: 65.0%
Test Distance: 8.702m [K=1.0000]
Remarks: EKF4107127
127V 2835-110L
2700K

Planar Illuminance Curve

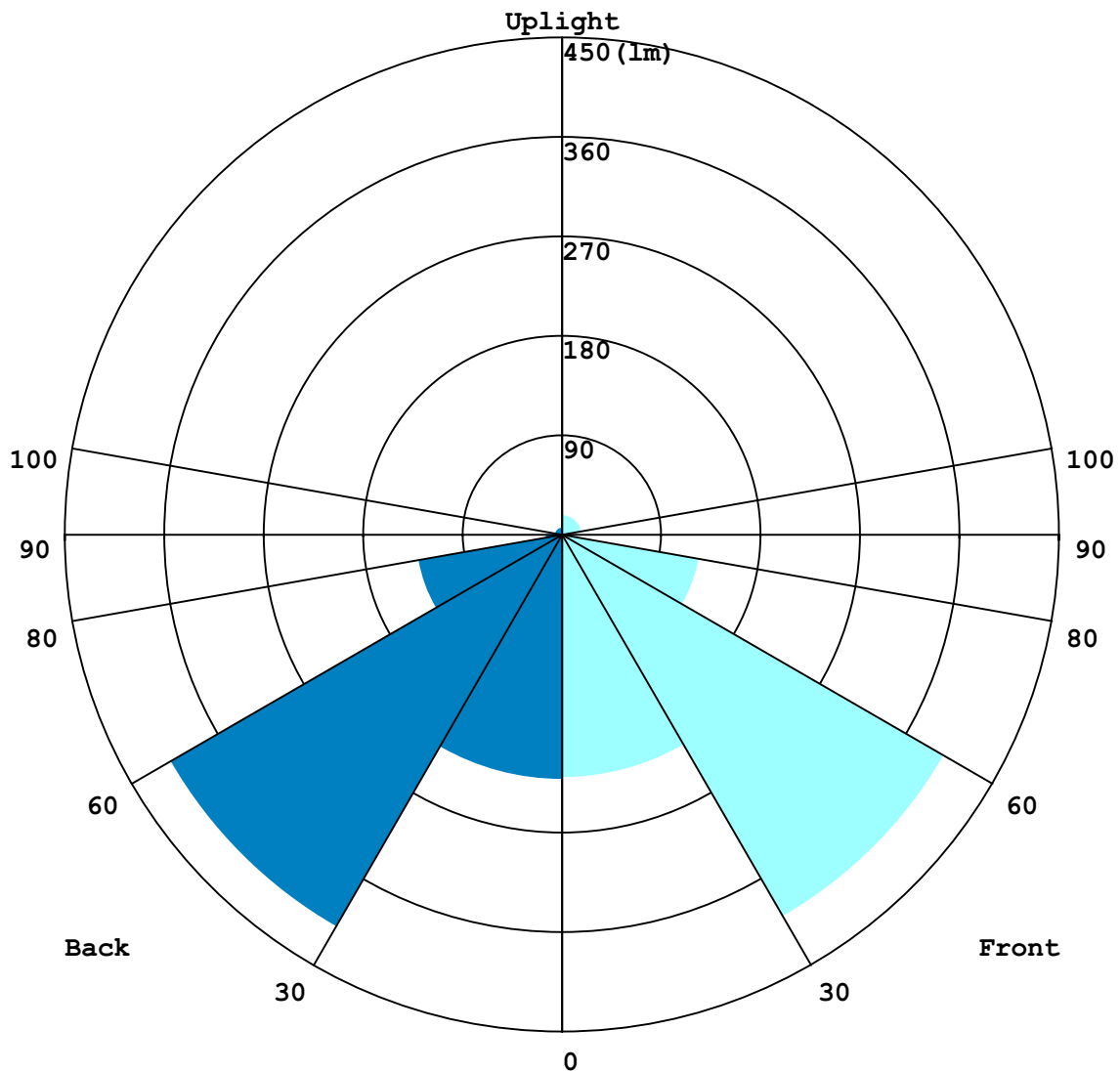


C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature: DEG
 Operators: QC01
 Test Date: 2021-09-26

Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.404.7
 Humidity: 65.0%
 Test Distance: 8.702m [K=1.0000]
 Remarks: EKF4107127
 127V 2835-110L
 2700K

LCS REPORT

NAME: EKF4107127	TYPE:2700K	WEIGHT:
SPEC.:	DIM.: 1000MM	SERIAL No.:
MFR.:	SUR.:0.01	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH


C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature: DEG
Operators: QC01
Test Date: 2021-09-26

Range: 0 - 180DEG
Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.404.7
Humidity: 65.0%
Test Distance: 8.702m [K=1.0000]
Remarks: EKF4107127
 127V 2835-110L
 2700K

BUG REPORT

NAME: EKF4107127	TYPE:2700K	WEIGHT:
SPEC.:	DIM.: 1000MM	SERIAL No.:
MFR.:	SUR.:0.01	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	219.41	13.9
FM - Front-Medium(30-60)	399.07	25.4
FH - Front-High(60-80)	125.82	8.0
FVH - Front-Very High(80-90)	13.966	0.9
Total Forward Light	783.39	49.8

BL - Back-Low(0-30)	221.06	14.0
BM - Back-Medium(30-60)	409.45	26.0
BH - Back-High(60-80)	131.79	8.4
BVH - Back-Very High(80-90)	14.991	1.0
Total Back Light	790.23	50.2

UL - Uplight-Low(90-100)	14.44	0.9
UH - Uplight-High(100-180)	23.624	1.5
Total Up Light	38.064	2.4

BUG(Back,Up,Glare) Rating	B1-U2-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	777.29	12.938	790.23
Street Side	758.26	25.127	783.39

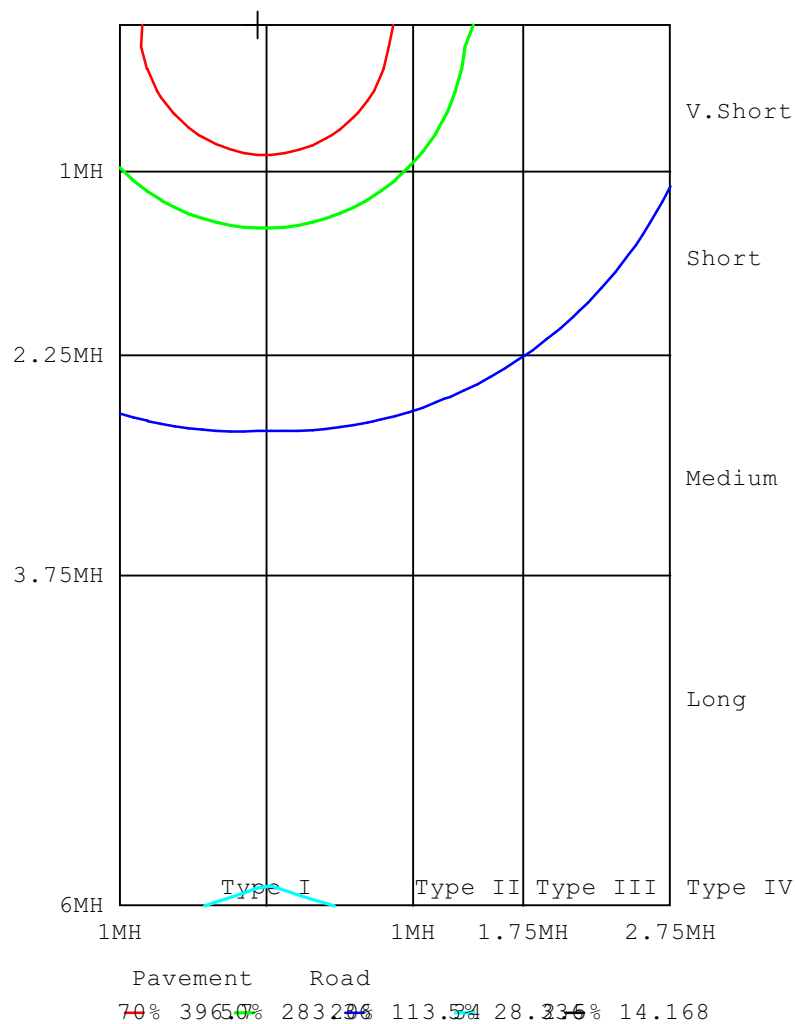
C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature: DEG
Operators: QC01
Test Date: 2021-09-26

Range: 0 - 180DEG
Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.404.7
Humidity: 65.0%
Test Distance: 8.702m [K=1.0000]
Remarks: EKF4107127
 127V 2835-110L
 2700K

ROAD ISOCANDELA REPORT

NAME: EKF4107127	TYPE:2700K	WEIGHT:
SPEC.:	DIM.: 1000MM	SERIAL No.:
MFR.:	SUR.:0.01	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature: DEG
Operators: QC01
Test Date: 2021-09-26

Range: 0 - 180DEG
Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.404.7
Humidity: 65.0%
Test Distance: 8.702m [K=1.0000]
Remarks: EKF4107127
127V 2835-110L
2700K

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: EKF4107127	TYPE:2700K	WEIGHT:
SPEC.:	DIM.: 1000MM	SERIAL No.:
MFR.:	SUR.:0.01	Shielding Angle:

Table--1
UNIT: cd

C (DEG) (DEG)	0	90	180	270															
0	567	567	567	567															
5	564	566	567	565															
10	556	559	561	557															
15	543	546	550	544															
20	526	526	534	527															
25	504	501	513	503															
30	477	471	487	473															
35	446	437	456	440															
40	410	398	419	402															
45	368	357	378	368															
50	323	317	333	332															
55	275	270	283	280															
60	222	216	230	225															
65	168	169	175	177															
70	114	127	121	134															
75	66.8	91.3	71.7	95.0															
80	30.2	59.9	34.0	62.1															
85	9.73	37.4	11.4	39.5															
90	0.01	28.8	0.85	28.5															
95	0.00	28.0	0.00	25.2															
100	0.00	26.4	0.00	23.0															
105	0.00	26.0	0.00	18.6															
110	0.00	25.4	0.00	8.49															
115	0.00	24.0	0.00	4.38															
120	0.00	20.9	0.00	2.15															
125	0.00	15.8	0.00	1.05															
130	0.00	8.56	0.00	0.00															
135	0.00	5.14	0.00	0.00															
140	0.00	4.01	0.00	0.00															
145	0.00	1.30	0.00	0.00															
150	0.00	0.00	0.00	0.00															
155	0.00	0.00	0.00	0.00															
160	0.00	0.00	0.00	0.00															
165	0.00	0.00	0.00	0.00															
170	0.00	0.00	0.00	0.00															
175	0.00	0.00	0.00	0.00															
180	0.00	0.00	0.00	0.00															

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:DEG
Operators:QC01
Test Date:2021-09-26

Range: 0 - 180DEG
Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.7
Humidity:65.0%
Test Distance:8.702m [K=1.0000]
Remarks: EKF4107127
127V 2835-110L
2700K