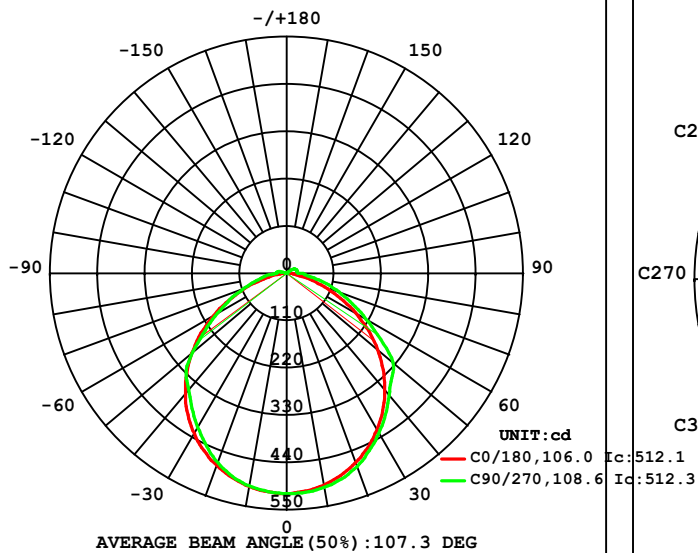
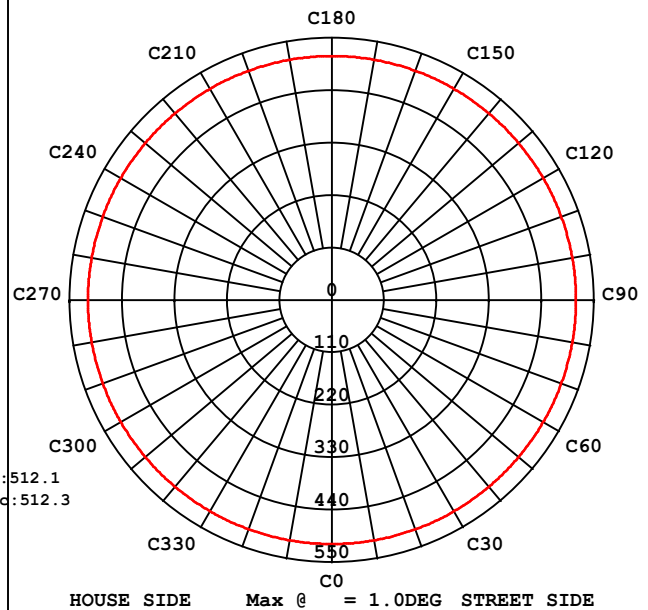


STREETLIGHT PHOTOMETRIC TEST REPORT

NAME: EKF4196127	TYPE: 2700K	WEIGHT:
SPEC.:	DIM.: 1000MM	SERIAL No.:
MFR.:	SUR.: 0.01	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 78 lm/W			
MODEL	2835-120L-2700K	Imax (cd)	512.3	street_up (%)	1.7
NOMINAL POWER (W)	15W	LOR (%)	100.0	street_down (%)	49.2
RATED VOLTAGE (V)	AC127	TOTAL FLUX (lm)	1166	house_up (%)	0.9
NOMINAL FLUX (lm)	1166	MAXIMUM @ (C,)	90, 1.0	house_down (%)	48.1
LAMPS INSIDE	1	up (%)	2.6	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	Ac127	down (%)	97.4	SLI	15.930

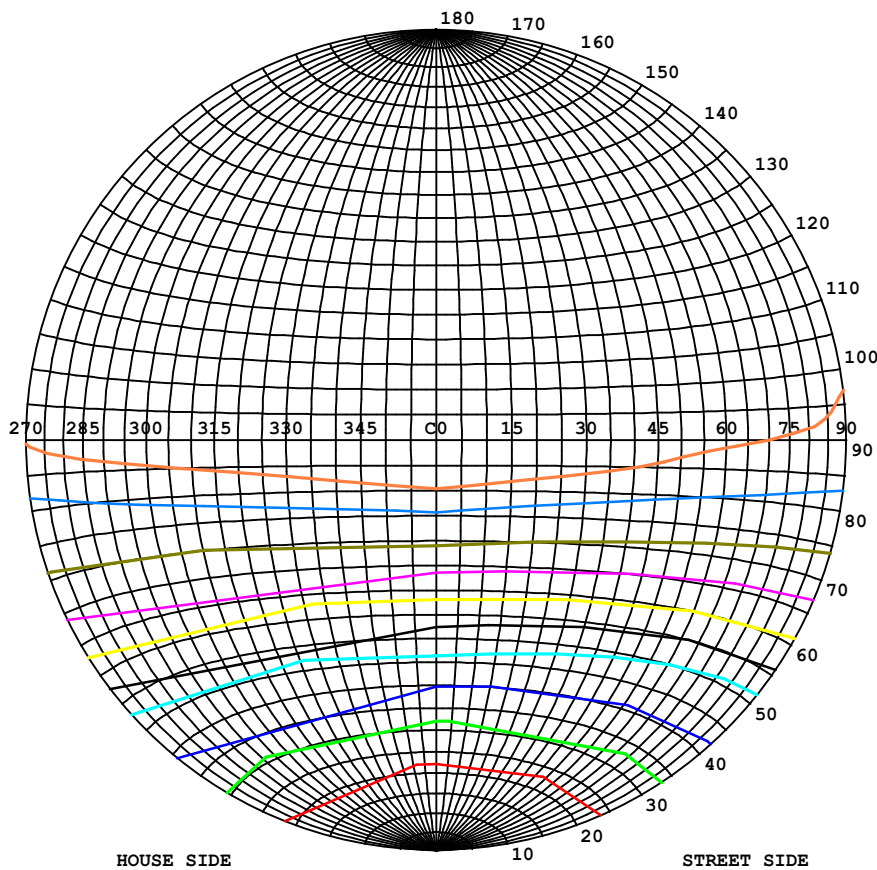
**INTENSITY DISTRIBUTION DIAGRAM
IN C PLANS**

**MAX INTENSITY CONE SURFACE
DISTRIBUTION 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: EKF4196127
127V-2835-120L
2700K

STREETLIGHT ISOCANDELA DIAGRAM

NAME: EKF4196127	TYPE: 2700K	WEIGHT:
SPEC.:	DIM.: 1000MM	SERIAL No.:
MFR.:	SUR.: 0.01	Shielding Angle:



Classification:

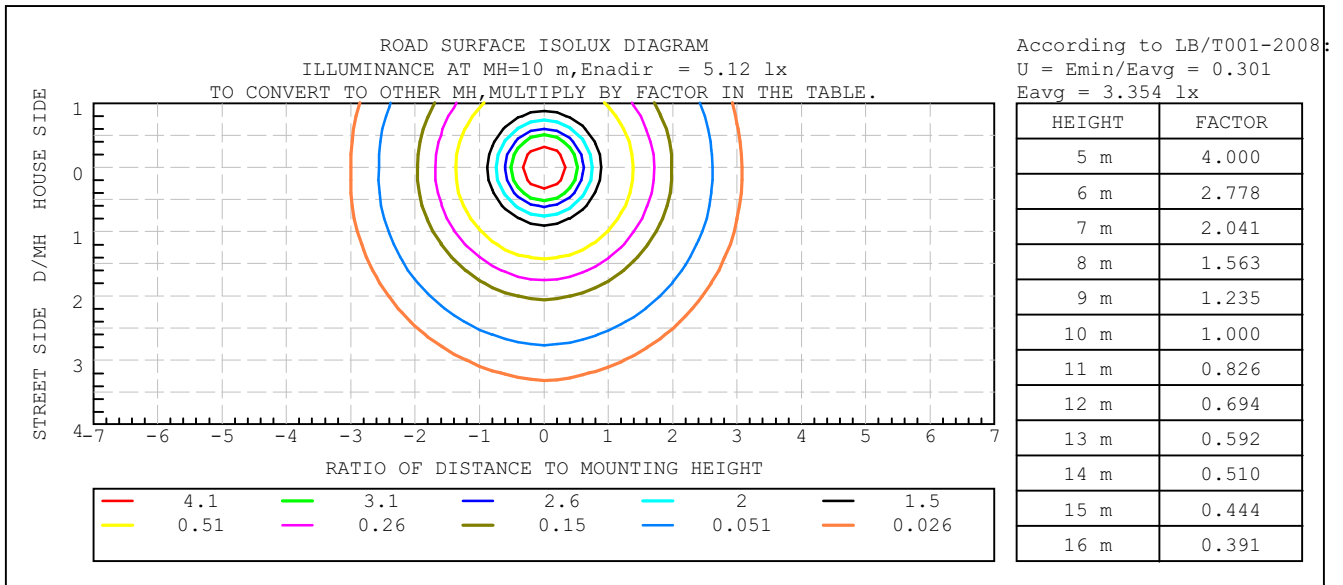
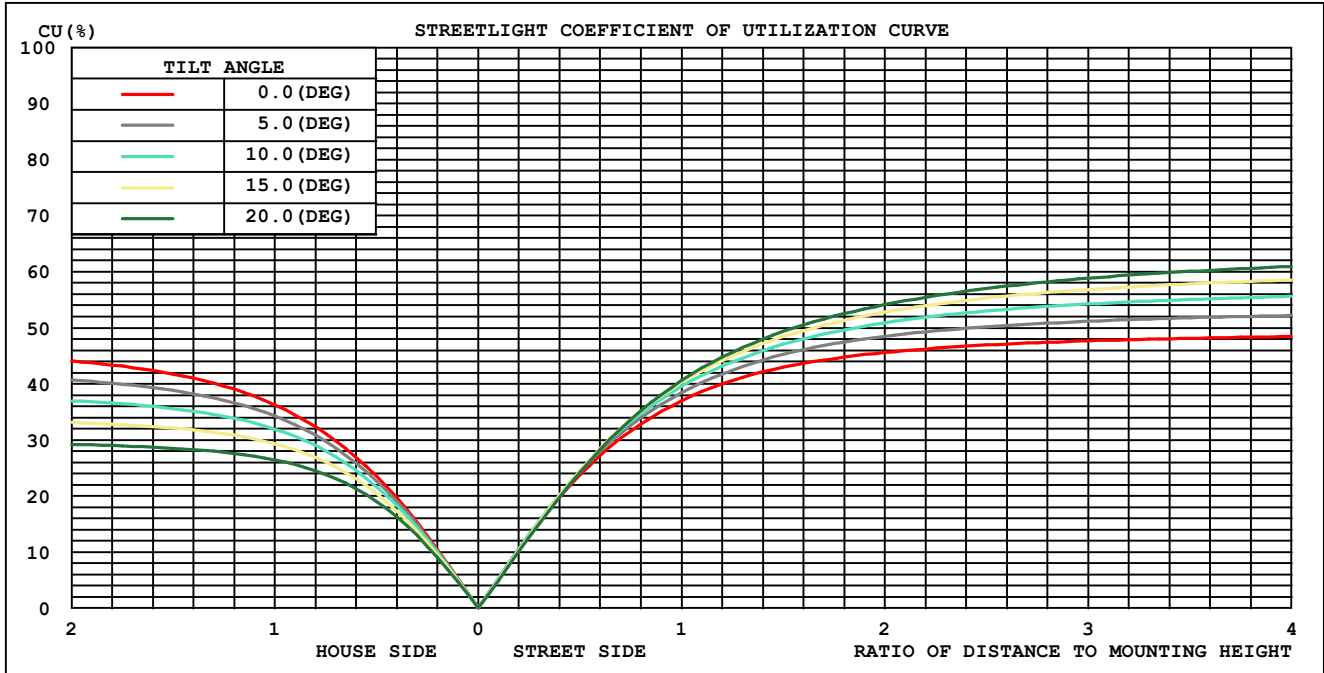
IES: Type V - Very Short
 CIE: Narrow - Short
 IES: Cut-off
 CIE: Semi-cut-off
 Max. At 80: 46.32cd/klm
 Max. At 90: 23.21cd/klm
 Max. 80-90: 46.32cd/klm
 NRB 5101: Limited[4.0%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	512
90%	461
80%	410
70%	359
60%	307
50%	256
40%	205
30%	154
20%	102
10%	51
5%	26

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: EKF4196127
 127V-2835-120L
 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: EKF4196127
127V-2835-120L
2700K

ZONAL FLUX DIAGRAM

NAME: EKF4196127	TYPE:2700K	WEIGHT:
SPEC.:	DIM.: 1000MM	SERIAL No.:
MFR.:	SUR.:0.01	Shielding Angle:

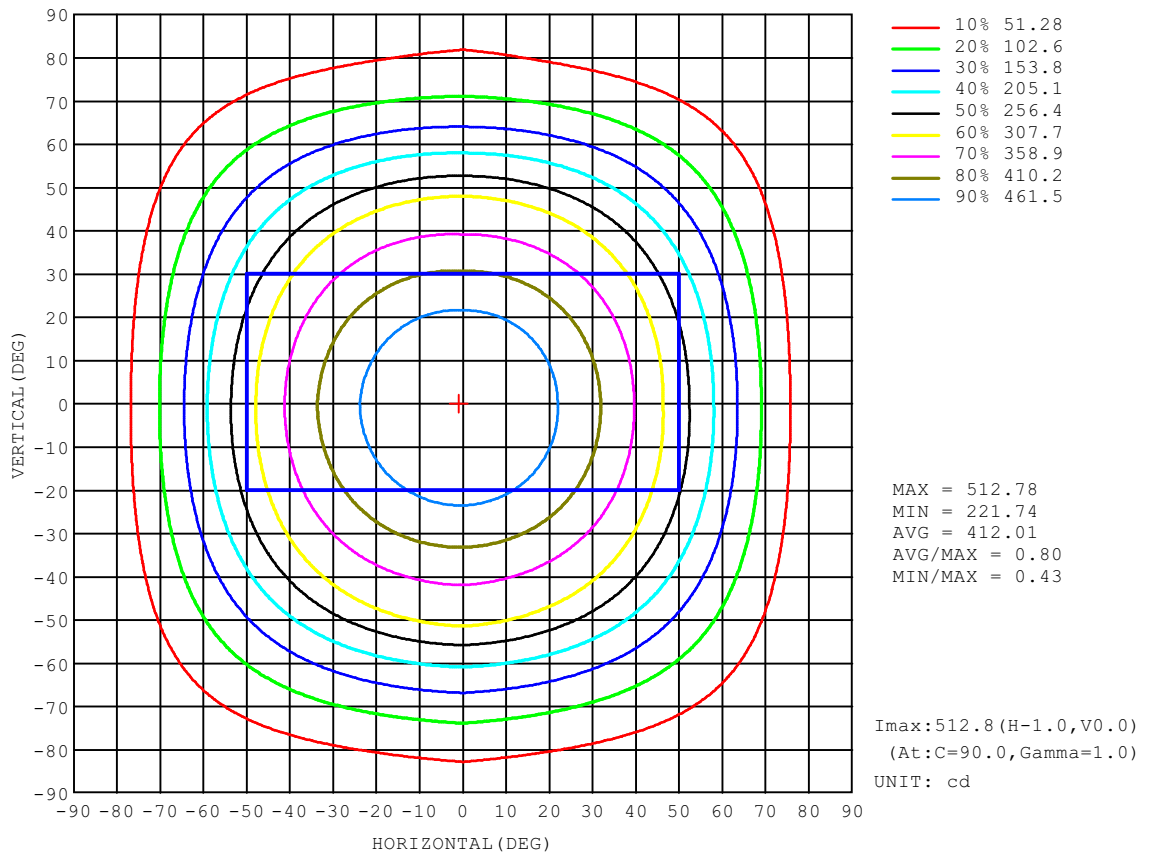
	C0	C90	C180	C270						zone	total	%lum,lamp
10	499.6	505.3	503.2	502.1					0- 10	48.42	48.42	3.44,3.44
20	468.9	478.5	476.0	469.3					10- 20	138.3	186.8	13.3,13.3
30	420.6	429.3	430.8	413.9					20- 30	207.4	394.2	28,28
40	355.6	371.1	367.5	354.4					30- 40	246.5	640.7	45.5,45.5
50	276.4	322.5	287.5	285.4					40- 50	254.8	895.5	63.6,63.6
60	186.4	214.4	196.3	186.7					50- 60	218.1	1114	79.1,79.1
70	93.95	130.3	103.6	109.4					60- 70	149.7	1263	89.7,89.7
80	26.88	65.26	32.08	56.67					70- 80	78.65	1342	95.3,95.3
90	0.7643	32.70	1.428	25.22					80- 90	30.00	1372	97.4,97.4
100	0	25.12	0	22.24					90-100	14.06	1386	98.4,98.4
110	0	24.81	0	7.813					100-110	11.07	1397	99.2,99.2
120	0	21.23	0	2.417					110-120	6.844	1404	99.7,99.7
130	0	8.350	0	0					120-130	3.713	1408	99.9,99.9
140	0	2.369	0	0					130-140	0.9185	1409	100,100
150	0	0	0	0					140-150	0.1281	1409	100,100
160	0	0	0	0					150-160	0	1409	100,100
170	0	0	0	0					160-170	0	1409	100,100
180	0	0	0	0					170-180	0	1409	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: EKF4196127
127V-2835-120L
2700K

ISOCANDELA DIAGRAM

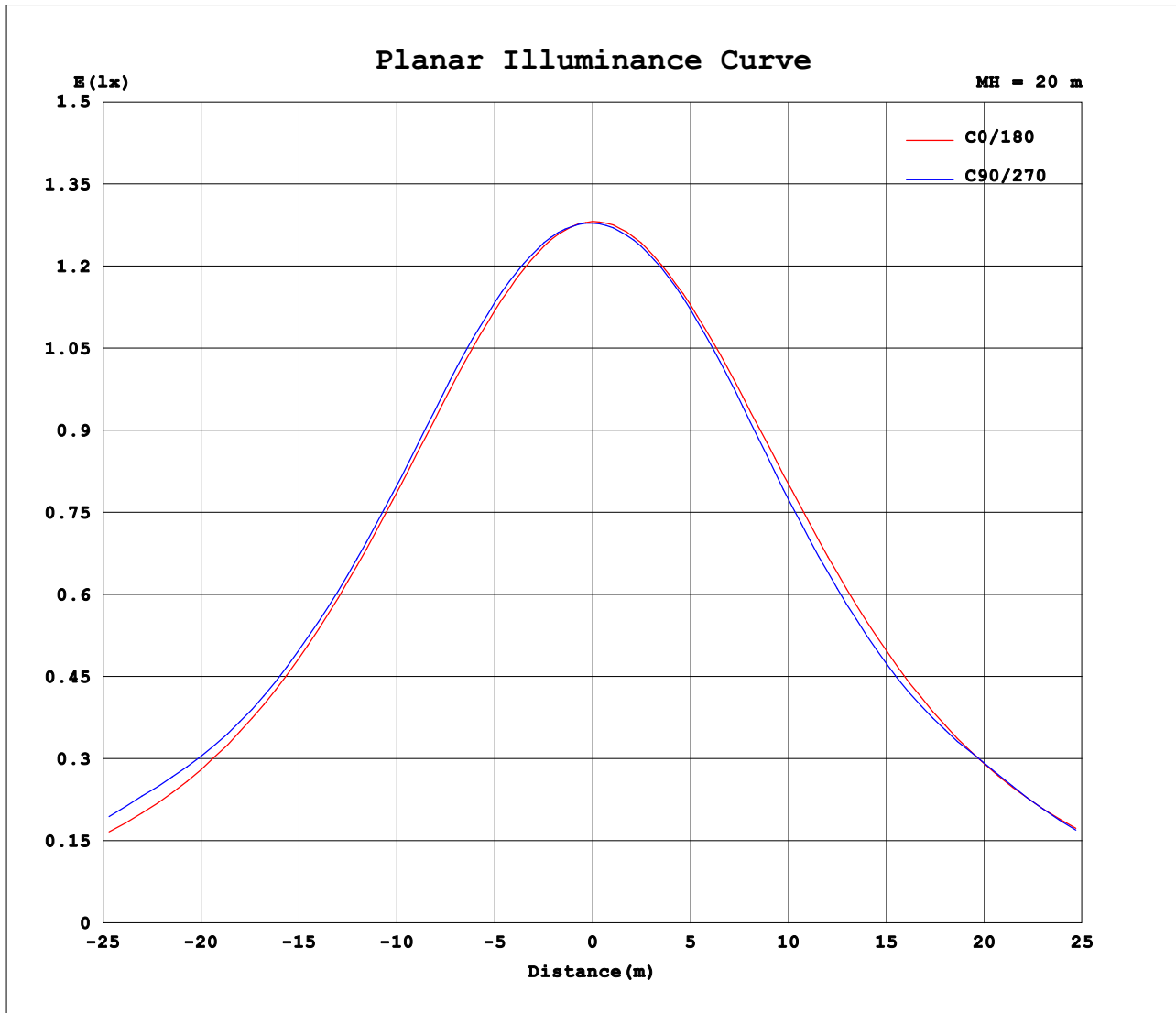
NAME: EKF4196127	TYPE:2700K	WEIGHT:
SPEC.:	DIM.: 1000MM	SERIAL No.:
MFR.:	SUR.:0.01	Shielding Angle:



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: EKF4196127
127V-2835-120L
2700K

Planar Illuminance Curve

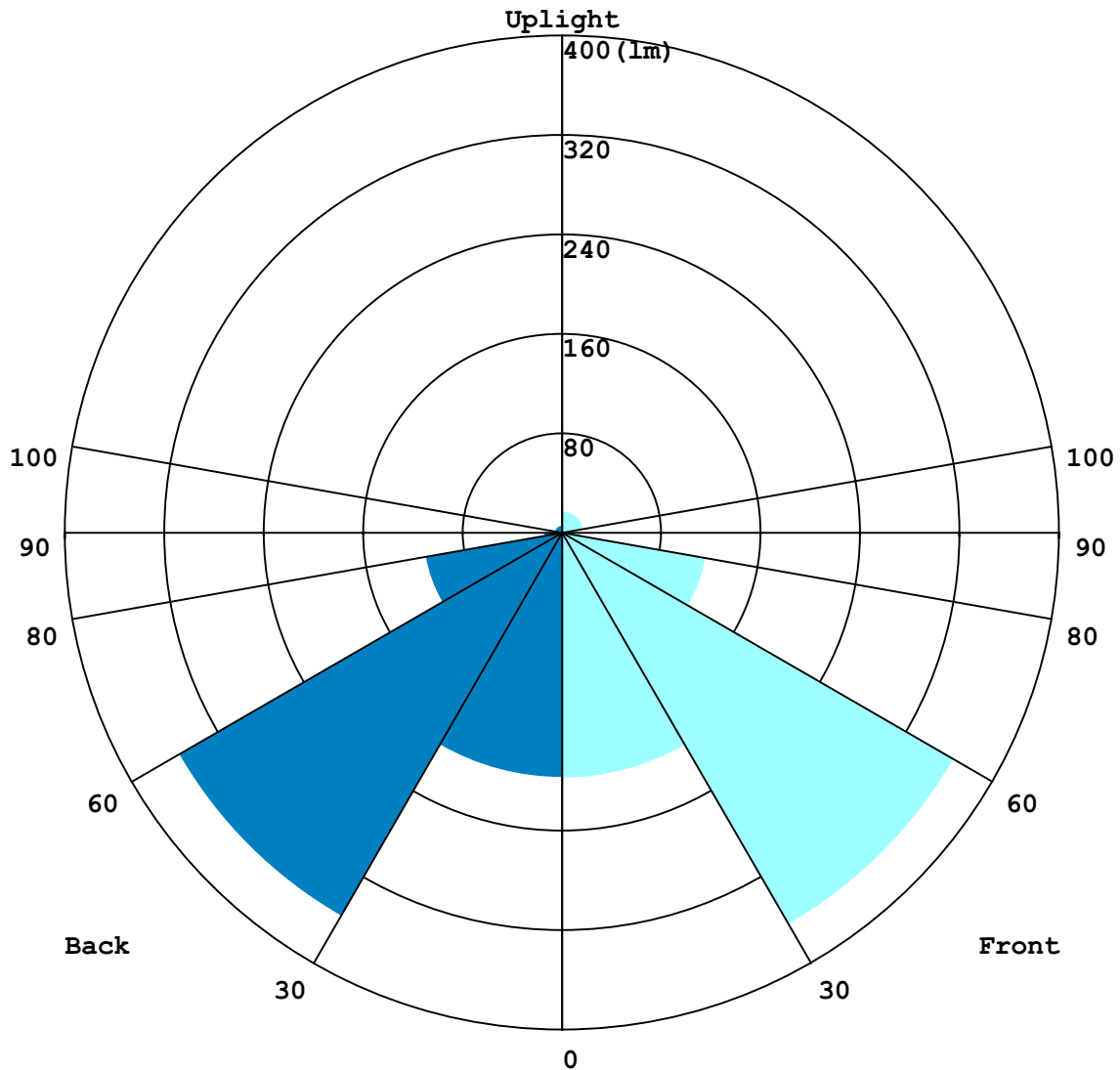


C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature: DEG
 Operators: QC01
 Test Date: 2021-09-26

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: EKF4196127
 127V-2835-120L
 2700K

LCS REPORT

NAME: EKF4196127	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: EKF4196127
 127V-2835-120L
 2700K

BUG REPORT

NAME: EKF4196127	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)	197.35	14.0
FM - Front-Medium(30-60)	363.58	25.8
FH - Front-High(60-80)	117.18	8.3
FVH - Front-Very High(80-90)	15.678	1.1
Total Forward Light	718.21	51.0

BL - Back-Low(0-30)	196.85	14.0
BM - Back-Medium(30-60)	355.85	25.3
BH - Back-High(60-80)	111.2	7.9
BVH - Back-Very High(80-90)	14.325	1.0
Total Back Light	690.54	49.0

UL - Uplight-Low(90-100)	14.059	1.0
UH - Uplight-High(100-180)	22.67	1.6
Total Up Light	36.729	2.6

BUG (Back, Up, Glare) Rating	B1-U2-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	678.23	12.312	690.54
Street Side	693.79	24.417	718.21

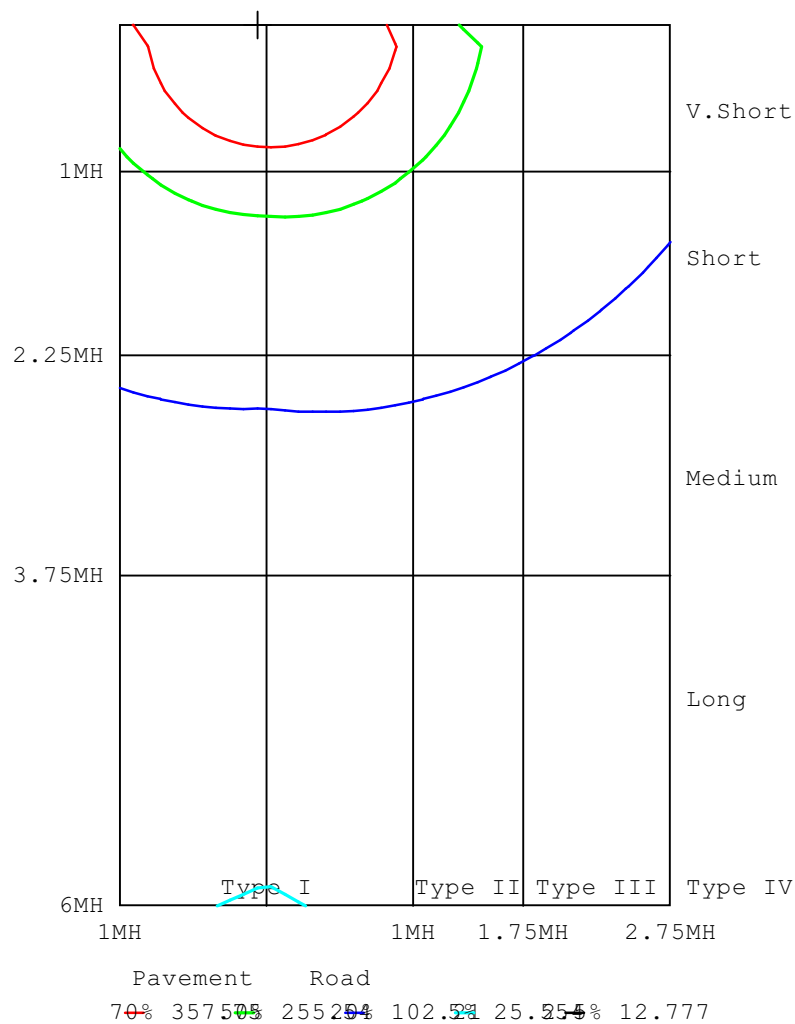
C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature: DEG
Operators: QC01
Test Date: 2021-09-26

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: EKF4196127
 127V-2835-120L
 2700K

ROAD ISOCANDELA REPORT

NAME: EKF4196127	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: EKF4196127
127V-2835-120L
2700K

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: EKF4196127	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	512	512	512	512															
5	508	511	510	509															
10	500	505	503	502															
15	487	495	492	489															
20	469	479	476	469															
25	447	455	456	443															
30	421	429	431	414															
35	390	401	401	384															
40	356	371	367	354															
45	318	346	330	331															
50	276	322	287	285															
55	233	267	243	232															
60	186	214	196	187															
65	139	170	148	146															
70	93.9	130	104	109															
75	55.7	95.8	63.2	78.3															
80	26.9	65.3	32.1	56.7															
85	9.63	44.7	12.5	36.8															
90	0.76	32.7	1.43	25.2															
95	0.03	26.4	0.00	24.8															
100	0.00	25.1	0.00	22.2															
105	0.00	25.1	0.00	17.6															
110	0.00	24.8	0.00	7.81															
115	0.00	23.7	0.00	3.75															
120	0.00	21.2	0.00	2.42															
125	0.00	15.8	0.00	0.80															
130	0.00	8.35	0.00	0.00															
135	0.00	4.40	0.00	0.00															
140	0.00	2.37	0.00	0.00															
145	0.00	0.61	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: EKF4196127
127V-2835-120L
2700K