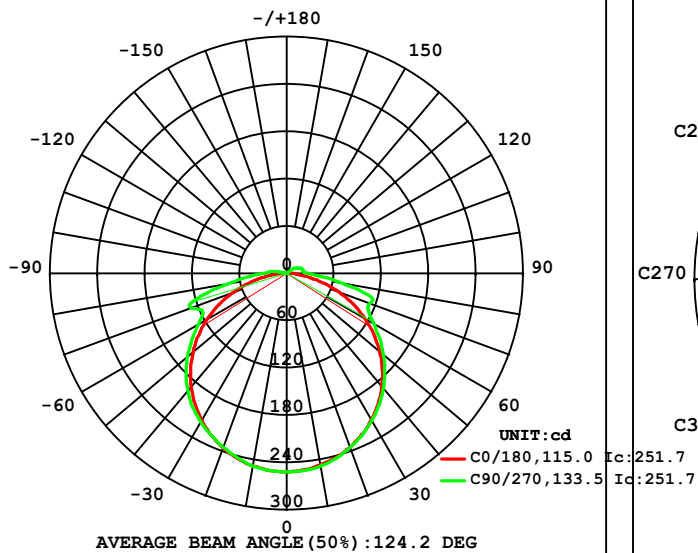
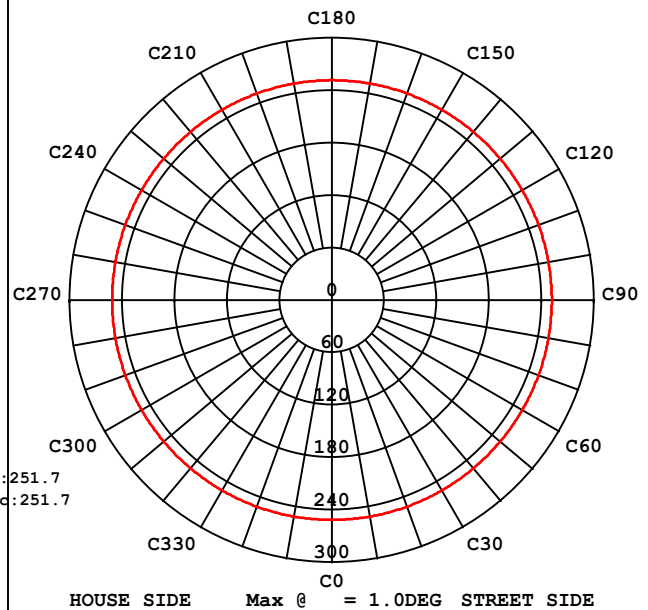


STREETLIGHT PHOTOMETRIC TEST REPORT

NAME: EKF4407127	TYPE: 4000K	WEIGHT:
SPEC.:	DIM.: 1000MM	SERIAL No.:
MFR.:	SUR.: 0.01	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 85 lm/W			
MODEL	2835-110L-4000K	Imax (cd)	251.7	street_up (%)	2.2
NOMINAL POWER (W)		LOR (%)	100.0	street_down (%)	47.8
RATED VOLTAGE (V)	AC127	TOTAL FLUX (lm)	831.2	house_up (%)	1.0
NOMINAL FLUX (lm)	831.167	MAXIMUM @ (C,)	90, 1.0	house_down (%)	48.9
LAMPS INSIDE	1	up (%)	3.2	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	Ac127	down (%)	96.8	SLI	15.968

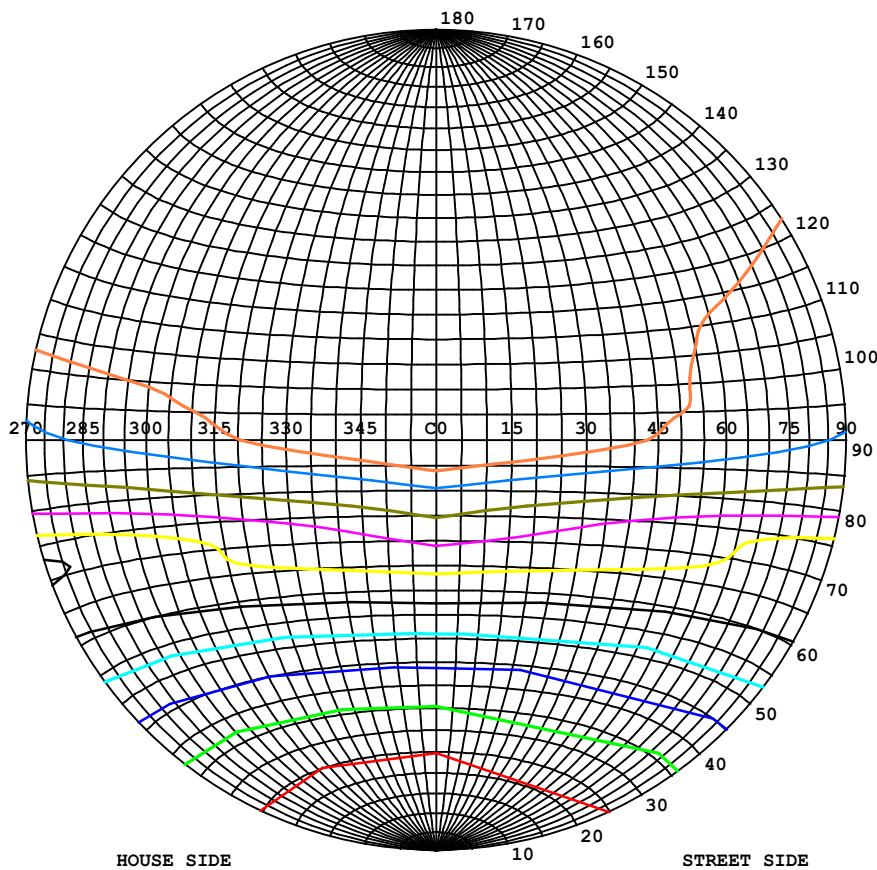
**INTENSITY DISTRIBUTION DIAGRAM
IN C PLANS**

**MAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM**


C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature: DEG
Operators: QC01
Test Date: 2021-09-27

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: EKF4407127
127V-2835-120L
4000K

STREETLIGHT ISOCANDELA DIAGRAM

NAME: EKF4407127	TYPE: 4000K	WEIGHT:
SPEC.:	DIM.: 1000MM	SERIAL No.:
MFR.:	SUR.: 0.01	Shielding Angle:



Classification:

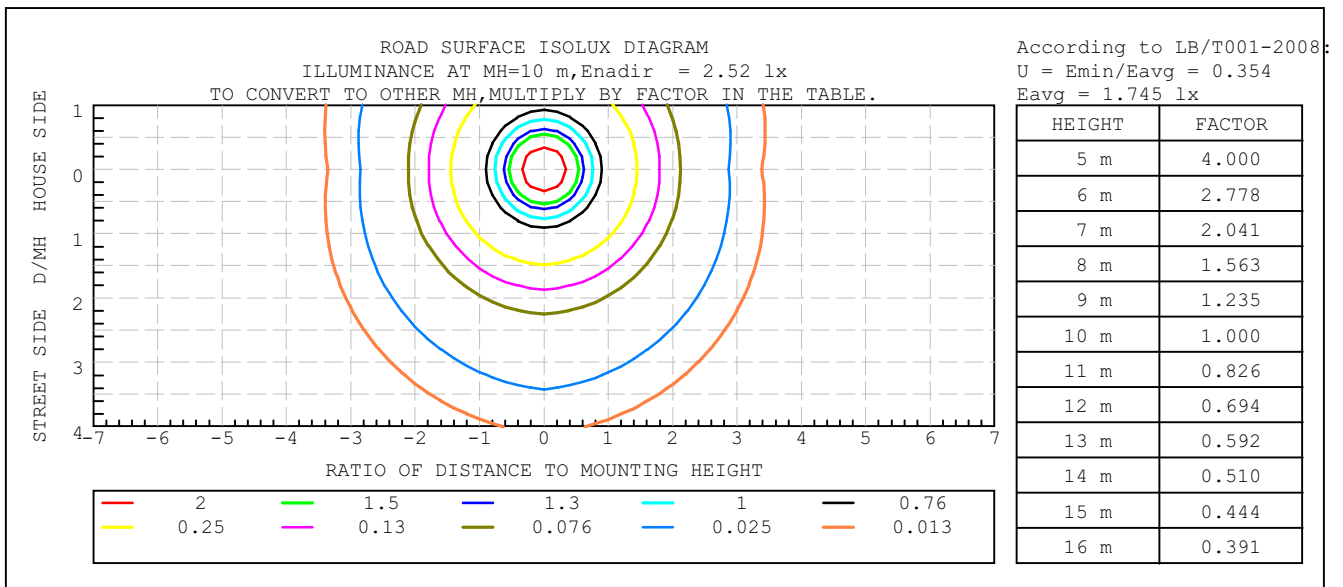
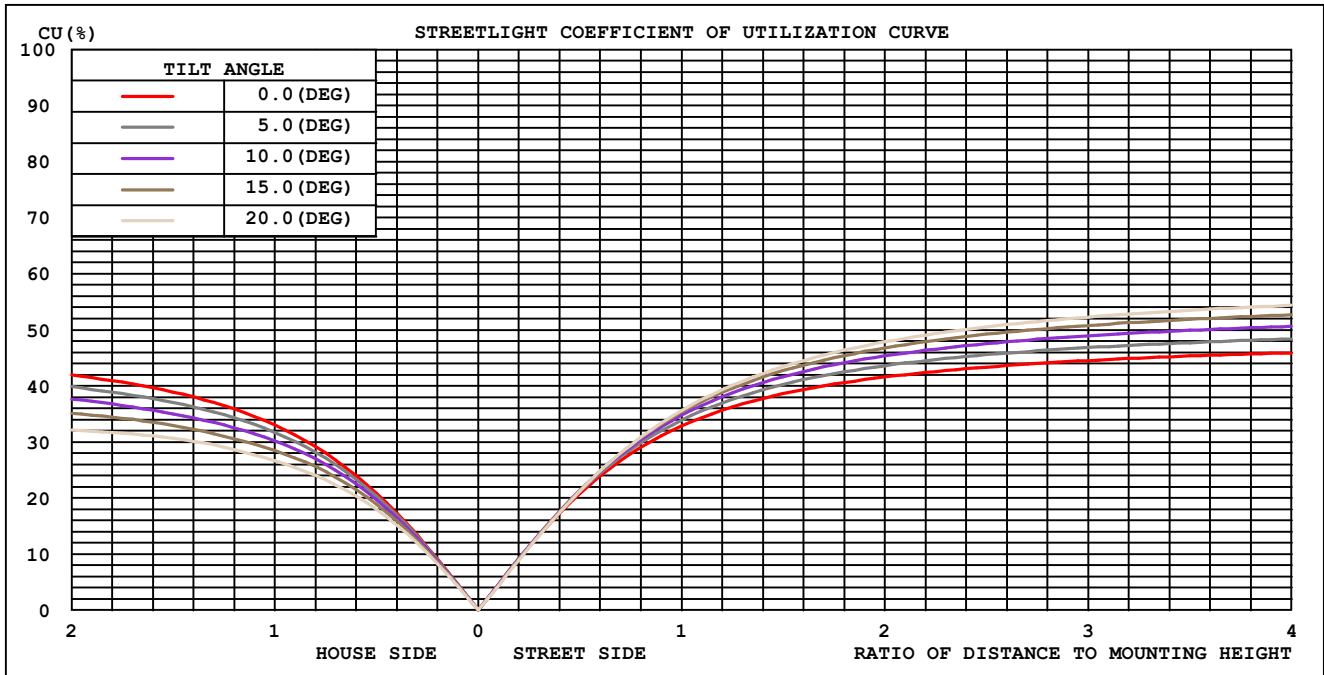
IES: Type V - Very Short
 CIE: Narrow - Short
 IES: None cut-off
 CIE: Semi-cut-off
 Max. At 80: 87.50cd/klm
 Max. At 90: 34.60cd/klm
 Max. 80-90: 87.50cd/klm
 NRB 5101: Limited[5.5%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	252
90%	227
80%	201
70%	176
60%	151
50%	126
40%	101
30%	76
20%	50
10%	25
5%	13

C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature: DEG
 Operators: QC01
 Test Date: 2021-09-27

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: EKF4407127
 127V-2835-120L
 4000K

COEFFICIENT OF UTILIZATION CURVE AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature: DEG
Operators: QC01
Test Date: 2021-09-27

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: EKF4407127
127V-2835-120L
4000K

ZONAL FLUX DIAGRAM

NAME: EKF4407127	TYPE:4000K	WEIGHT:
SPEC.:	DIM.: 1000MM	SERIAL No.:
MFR.:	SUR.:0.01	Shielding Angle:

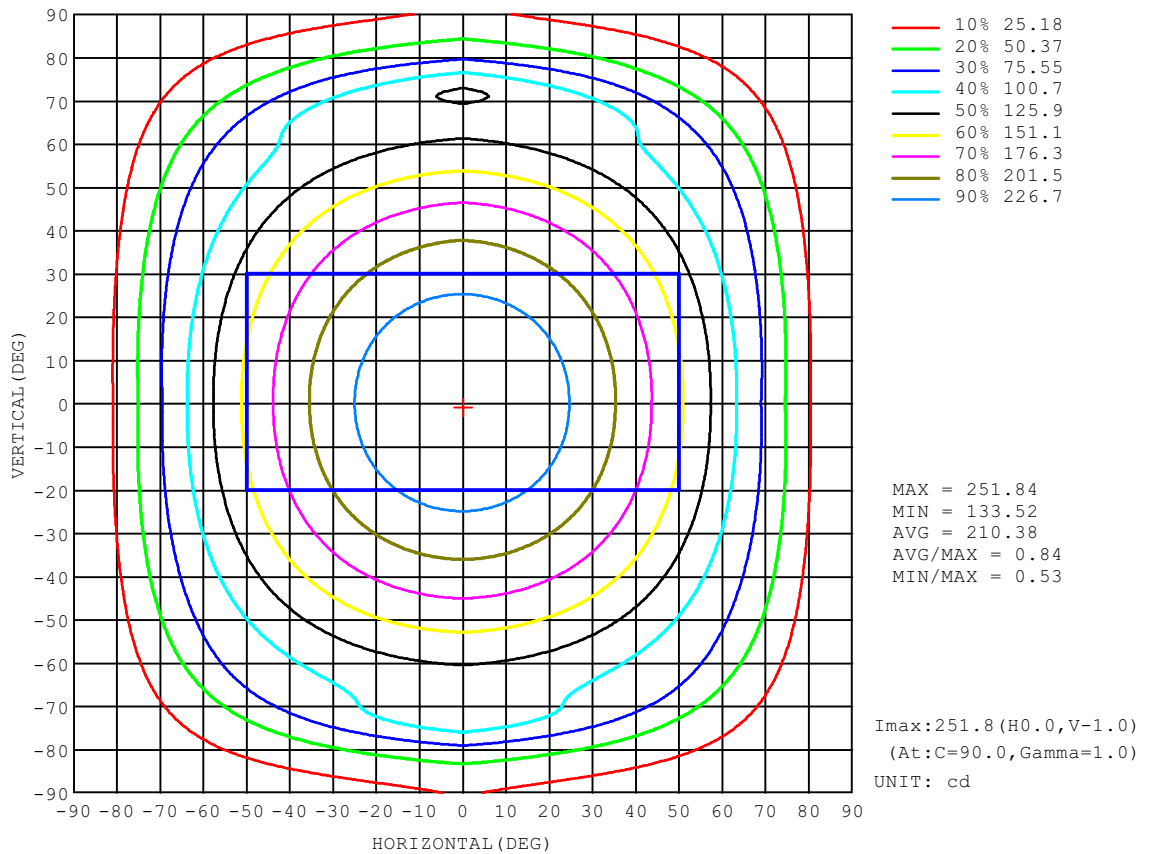
	C0	C90	C180	C270						zone	total	%lum,lamp
10	247.0	248.2	247.9	247.9					0- 10	23.85	23.85	2.87,2.87
20	234.9	235.2	235.9	235.0					10- 20	68.45	92.30	11.1,11.1
30	214.9	216.1	215.6	218.0					20- 30	104.5	196.8	23.7,23.7
40	187.9	191.0	188.4	195.3					30- 40	127.8	324.6	39.1,39.1
50	154.3	160.7	155.3	164.3					40- 50	135.3	459.8	55.3,55.3
60	114.8	127.5	116.5	129.8					50- 60	125.7	585.6	70.5,70.5
70	70.87	112.7	73.06	128.6					60- 70	105.7	691.3	83.2,83.2
80	26.87	69.66	29.05	72.73					70- 80	81.50	772.8	93,93
90	0.0074	26.51	0.5887	28.76					80- 90	31.36	804.2	96.8,96.8
100	0	21.51	0	17.30					90-100	12.56	816.7	98.3,98.3
110	0	19.71	0	0.7845					100-110	7.644	824.4	99.2,99.2
120	0	14.08	0	0					110-120	4.233	828.6	99.7,99.7
130	0	5.072	0	0					120-130	2.343	830.9	100,100
140	0	0	0	0					130-140	0.2286	831.2	100,100
150	0	0	0	0					140-150	0	831.2	100,100
160	0	0	0	0					150-160	0	831.2	100,100
170	0	0	0	0					160-170	0	831.2	100,100
180	0	0	0	0					170-180	0	831.2	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:2021-09-27

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: EKF4407127
127V-2835-120L
4000K

ISOCANDELA DIAGRAM

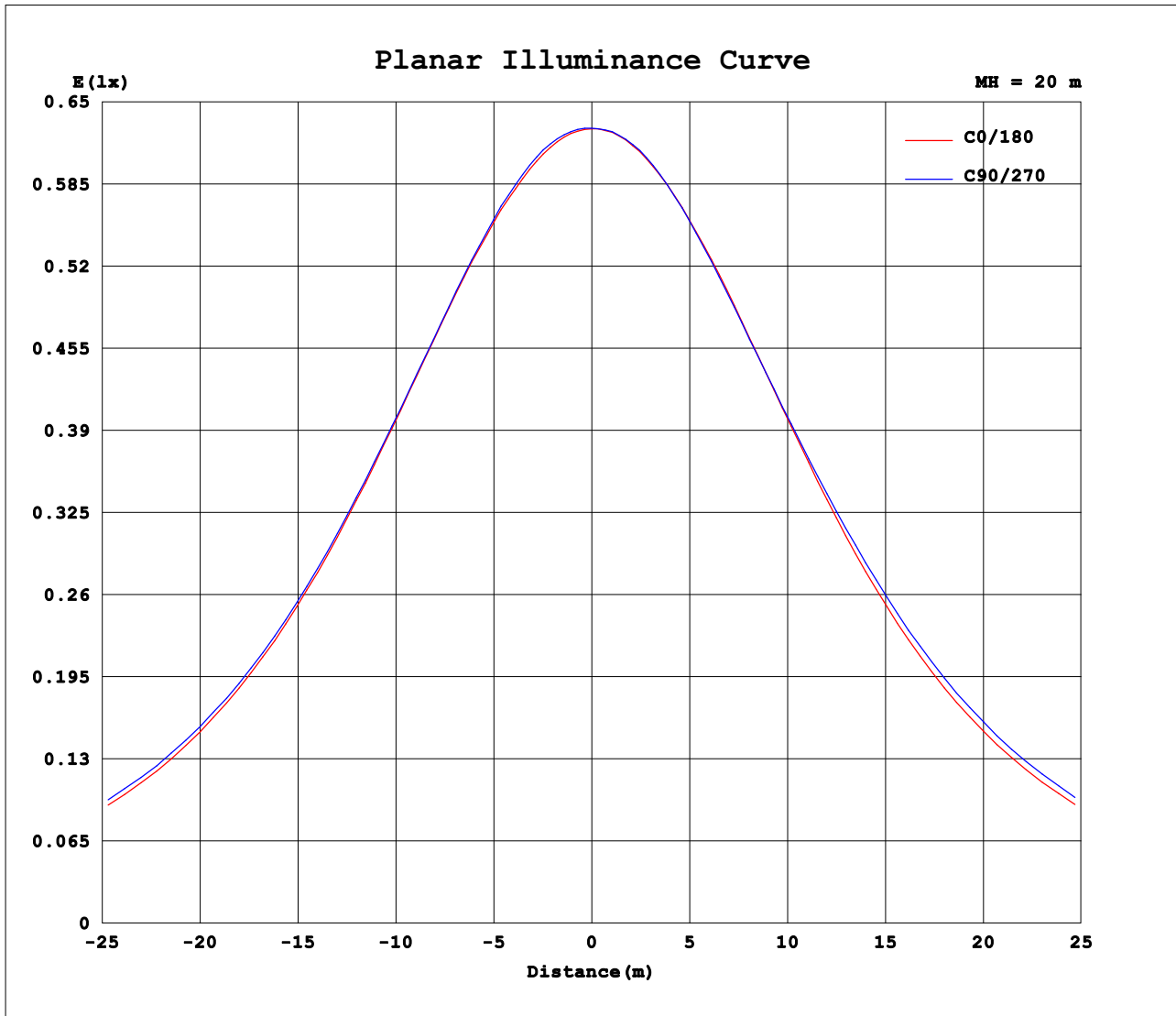
NAME: EKF4407127	TYPE: 4000K	WEIGHT:
SPEC.:	DIM.: 1000MM	SERIAL No.:
MFR.:	SUR.: 0.01	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature: DEG
Operators: QC01
Test Date: 2021-09-27

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: EKF4407127
127V-2835-120L
4000K

Planar Illuminance Curve

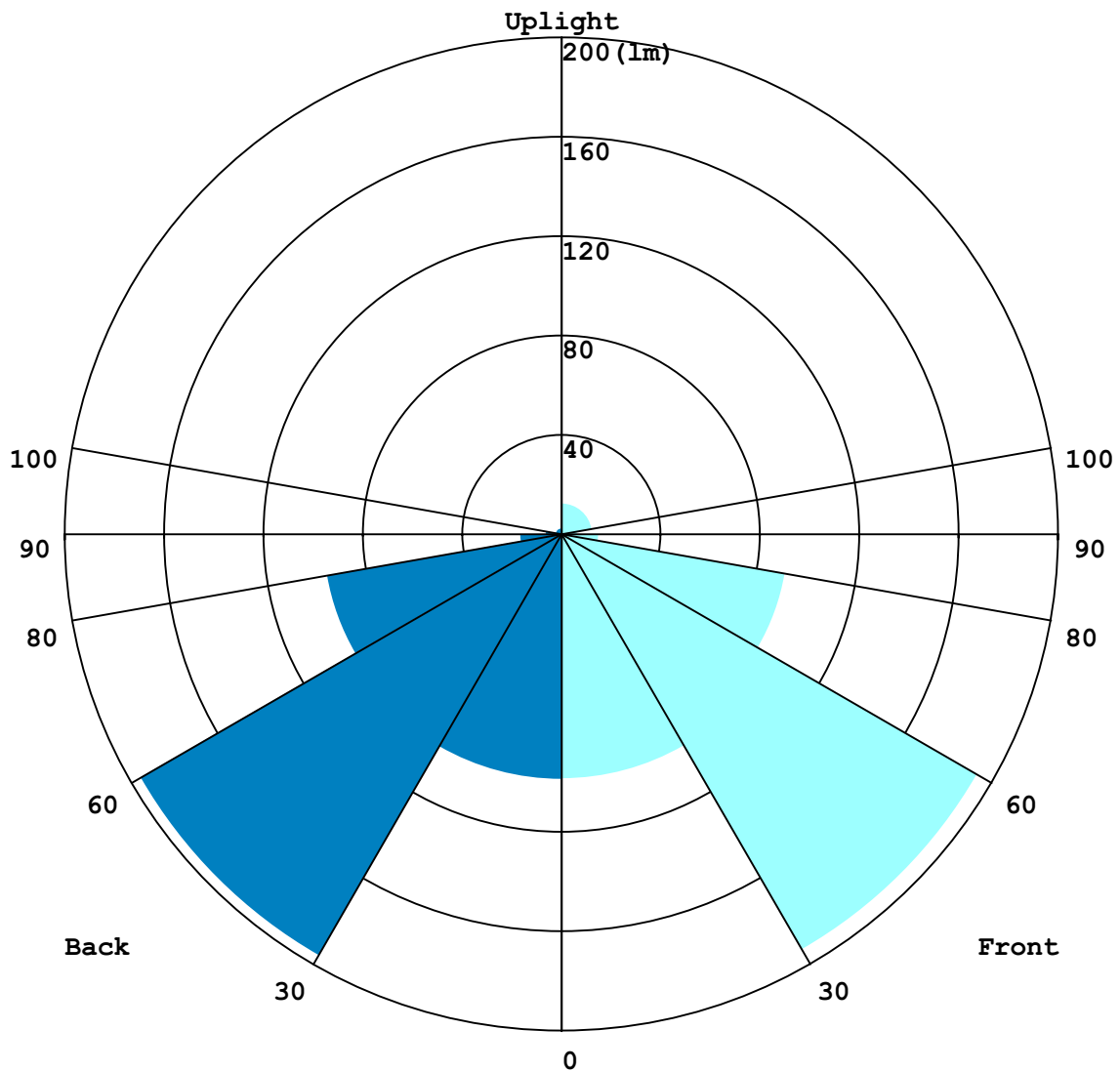


C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature: DEG
 Operators: QC01
 Test Date: 2021-09-27

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: EKF4407127
 127V-2835-120L
 4000K

LCS REPORT

NAME: EKF4407127	TYPE:4000K	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: 2021-09-27

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: EKF4407127
 127V-2835-120L
 4000K

BUG REPORT

NAME: EKF4407127	TYPE: 4000K	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)	98.26	11.8
FM - Front-Medium(30-60)	193.16	23.2
FH - Front-High(60-80)	91.399	11.0
FVH - Front-Very High(80-90)	14.871	1.8
Total Forward Light	416.25	50.1

BL - Back-Low(0-30)	98.499	11.9
BM - Back-Medium(30-60)	195.68	23.5
BH - Back-High(60-80)	95.811	11.5
BVH - Back-Very High(80-90)	16.486	2.0
Total Back Light	414.92	49.9

UL - Uplight-Low(90-100)	12.556	1.5
UH - Uplight-High(100-180)	14.448	1.7
Total Up Light	27.004	3.2

BUG (Back, Up, Glare) Rating	B0-U2-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	406.47	8.4471	414.92
Street Side	397.69	18.557	416.25

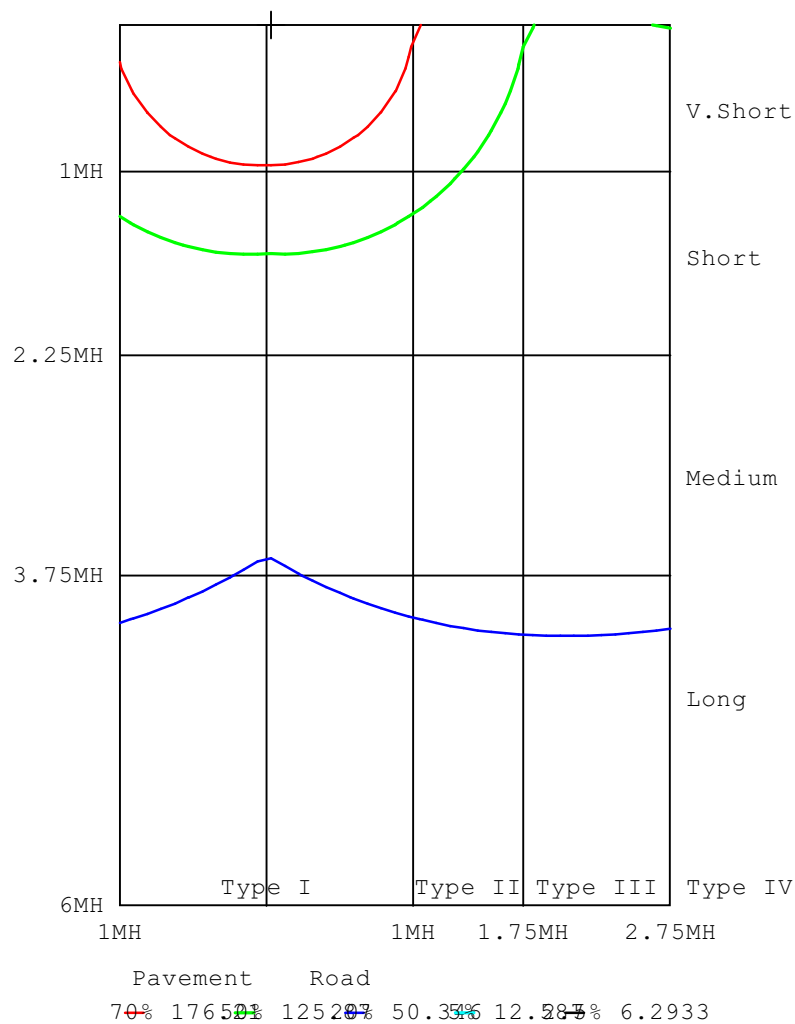
C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature: DEG
Operators: QC01
Test Date: 2021-09-27

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: EKF4407127
 127V-2835-120L
 4000K

ROAD ISOCANDELA REPORT

NAME: EKF4407127	TYPE:4000K	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: 2021-09-27

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: EKF4407127
127V-2835-120L
4000K

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: EKF4407127	TYPE: 4000K	WEIGHT:
SPEC.:	DIM.: 1000MM	SERIAL No.:
MFR.:	SUR.: 0.01	Shielding Angle:

Table--1
UNIT: cd

C (DEG) (DEG)	0	90	180	270															
0	252	252	252	252															
5	250	251	251	251															
10	247	248	248	248															
15	242	243	243	242															
20	235	235	236	235															
25	226	226	227	227															
30	215	216	216	218															
35	202	204	203	208															
40	188	191	188	195															
45	172	177	172	181															
50	154	161	155	164															
55	135	144	137	147															
60	115	128	116	130															
65	93.2	115	95.2	117															
70	70.9	113	73.1	129															
75	48.4	108	50.6	112															
80	26.9	69.7	29.0	72.7															
85	9.06	41.8	10.8	46.8															
90	0.01	26.5	0.59	28.8															
95	0.00	22.4	0.00	23.0															
100	0.00	21.5	0.00	17.3															
105	0.00	20.8	0.00	7.71															
110	0.00	19.7	0.00	0.78															
115	0.00	16.8	0.00	0.00															
120	0.00	14.1	0.00	0.00															
125	0.00	10.8	0.00	0.00															
130	0.00	5.07	0.00	0.00															
135	0.00	0.24	0.00	0.00															
140	0.00	0.00	0.00	0.00															
145	0.00	0.00	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: 2021-09-27

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: EKF4407127
127V-2835-120L
4000K