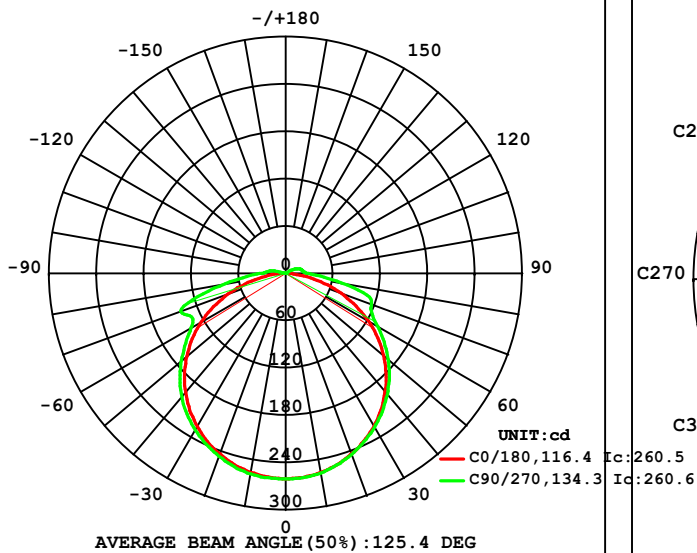
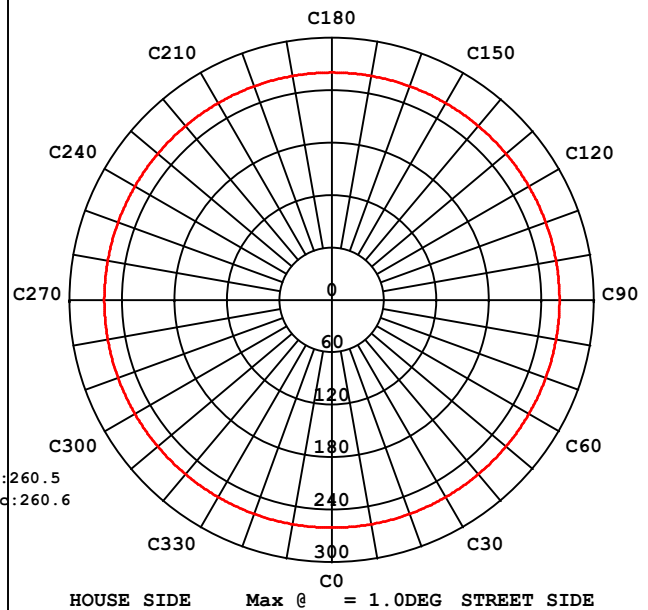


STREETLIGHT PHOTOMETRIC TEST REPORT

NAME: EKF4496127	TYPE: 4000K	WEIGHT:
SPEC.:	DIM.: 1000MM	SERIAL No.:
MFR.:	SUR.: 0.01	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 93 lm/W			
MODEL	2835-120L-4000K-15W	Imax (cd)	260.6	street_up (%)	1.9
NOMINAL POWER (W)		LOR (%)	100.0	street_down (%)	47.7
RATED VOLTAGE (V)	Ac127	TOTAL FLUX (lm)	1405	house_up (%)	1.1
NOMINAL FLUX (lm)	1405	MAXIMUM @ (C,)	90, 1.0	house_down (%)	49.3
LAMPS INSIDE	1	up (%)	3.0	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	Ac127	down (%)	97.0	SLI	16.821

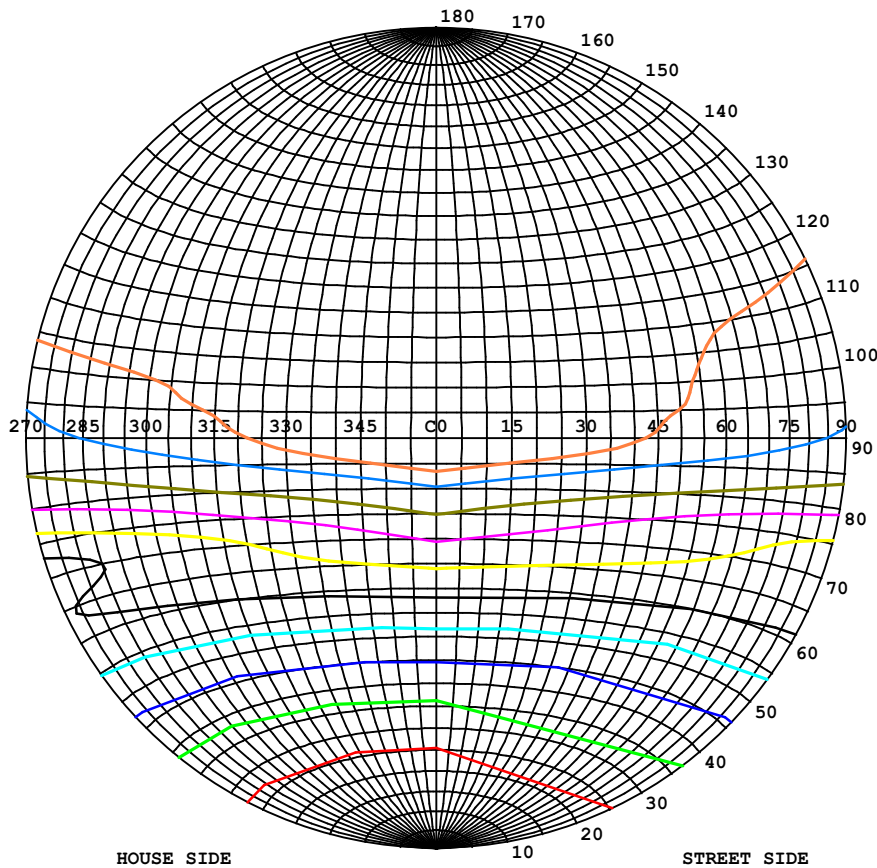
**INTENSITY DISTRIBUTION DIAGRAM
IN C PLANS**

**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: EKF4496127
127V AH2835-120L
4000K

STREETLIGHT ISOCANDELA DIAGRAM

NAME: EKF4496127	TYPE: 4000K	WEIGHT:
SPEC.:	DIM.: 1000MM	SERIAL No.:
MFR.:	SUR.: 0.01	Shielding Angle:



Classification:

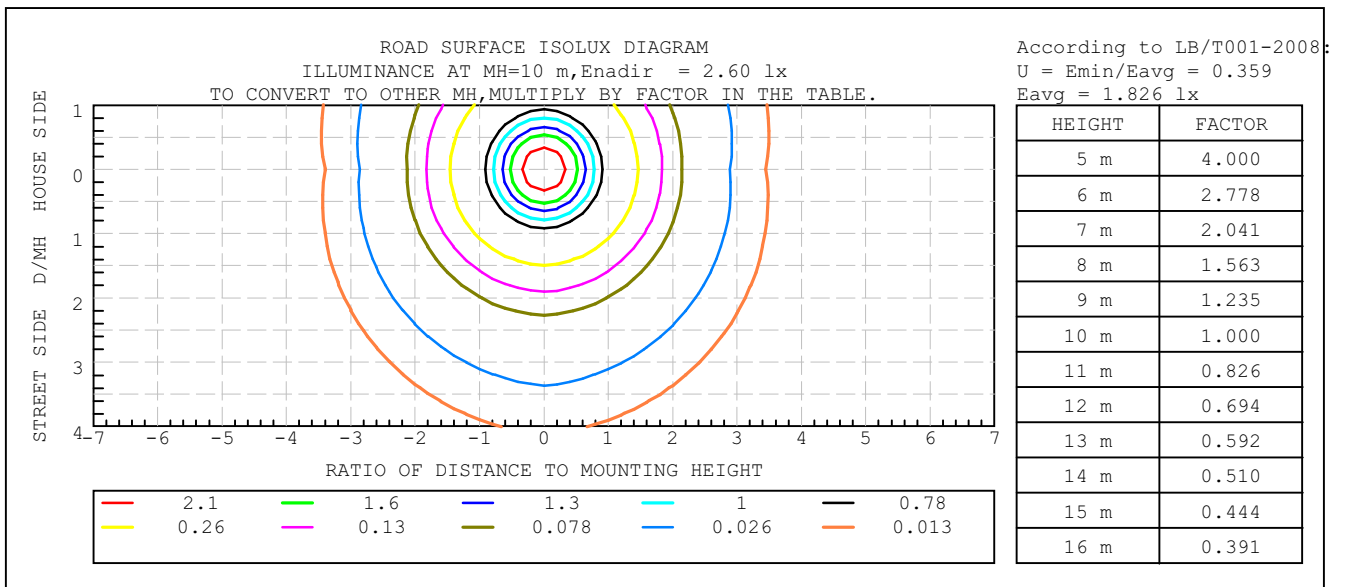
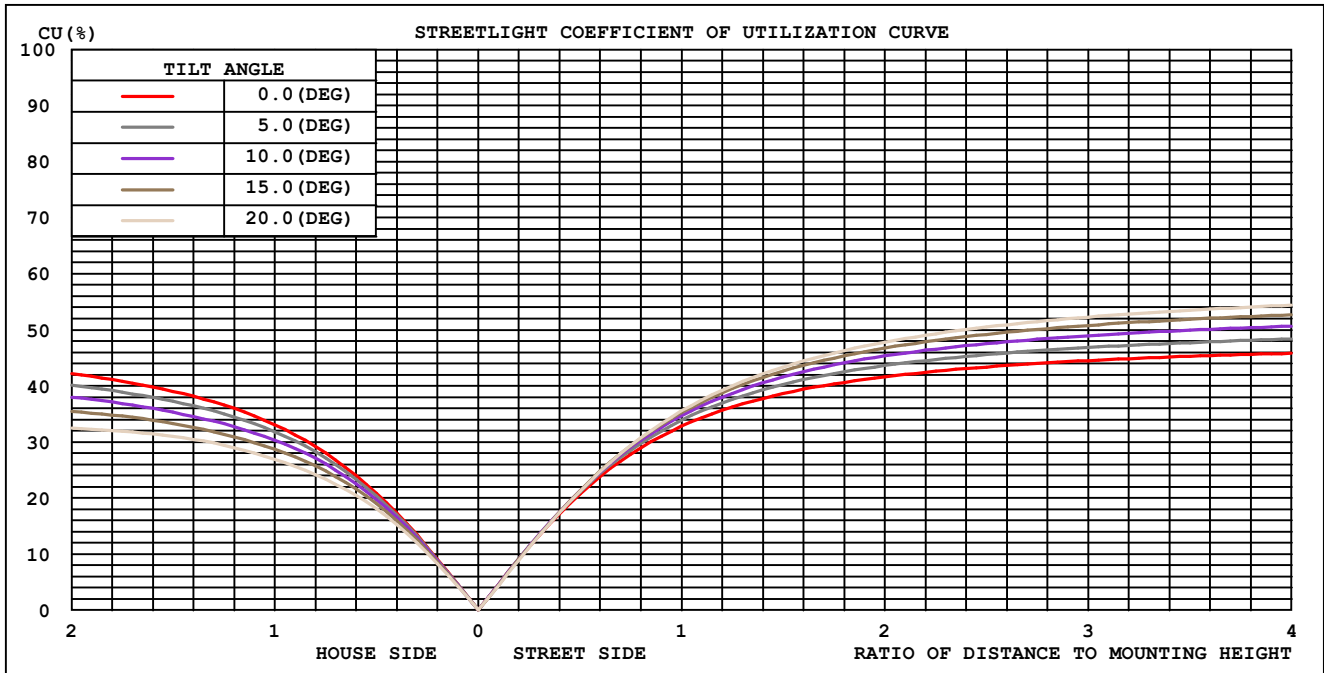
IES: Type VS - Very Short
 CIE: Narrow - Short
 IES: None cut-off
 CIE: Semi-cut-off
 Max. At 80: 89.33cd/klm
 Max. At 90: 35.53cd/klm
 Max. 80-90: 89.33cd/klm
 NRB 5101: Limited[5.7%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	261
90%	235
80%	208
70%	182
60%	156
50%	130
40%	104
30%	78
20%	52
10%	26
5%	13

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: EKF4496127
 127V AH2835-120L
 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: 2021-09-26

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: EKF4496127
127V AH2835-120L
4000K

ZONAL FLUX DIAGRAM

NAME: EKF4496127	TYPE: 4000K	WEIGHT:
SPEC.:	DIM.: 1000MM	SERIAL No.:
MFR.:	SUR.: 0.01	Shielding Angle:

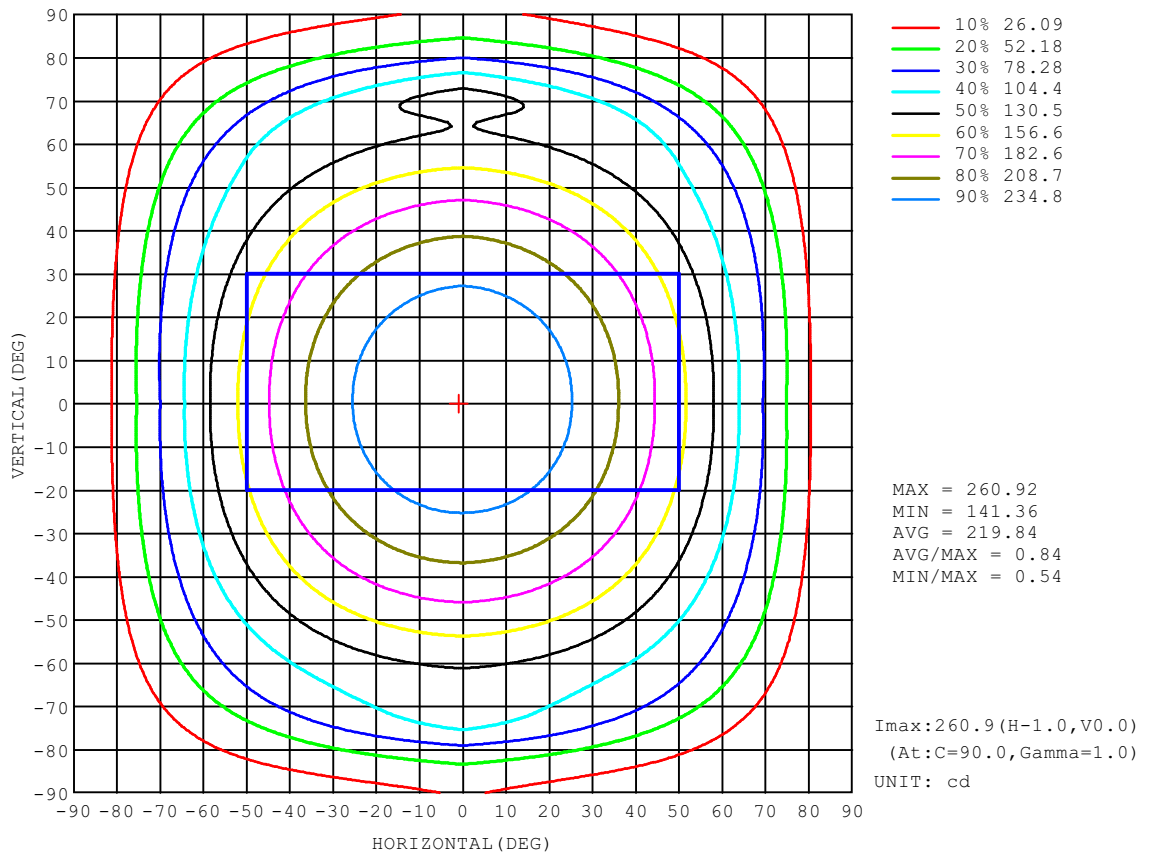
	C0	C90	C180	C270						zone	total	%lum,lamp
10	256.5	257.1	256.1	258.5					0- 10	24.72	24.72	2.84,2.84
20	244.1	244.5	244.1	247.1					10- 20	71.15	95.87	11,11
30	223.9	225.6	224.6	229.5					20- 30	109.0	204.8	23.5,23.5
40	196.6	200.8	197.8	205.2					30- 40	133.8	338.7	38.9,38.9
50	162.4	169.8	163.9	172.7					40- 50	142.2	480.9	55.2,55.2
60	121.5	134.9	123.7	138.9					50- 60	133.0	613.9	70.5,70.5
70	75.11	116.1	78.04	141.5					60- 70	113.4	727.4	83.5,83.5
80	27.67	72.12	31.05	77.79					70- 80	84.75	812.1	93.3,93.3
90	0	27.74	0.8278	30.94					80- 90	32.66	844.8	97,97
100	0	22.08	0	20.04					90-100	13.36	858.1	98.5,98.5
110	0	18.17	0	1.637					100-110	8.291	866.4	99.5,99.5
120	0	9.399	0	0					110-120	3.472	869.9	99.9,99.9
130	0	0	0	0					120-130	0.9359	870.8	100,100
140	0	0	0	0					130-140	0	870.8	100,100
150	0	0	0	0					140-150	0	870.8	100,100
160	0	0	0	0					150-160	0	870.8	100,100
170	0	0	0	0					160-170	0	870.8	100,100
180	0	0	0	0					170-180	0	870.8	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: EKF4496127
127V AH2835-120L
4000K

ISOCANDELA DIAGRAM

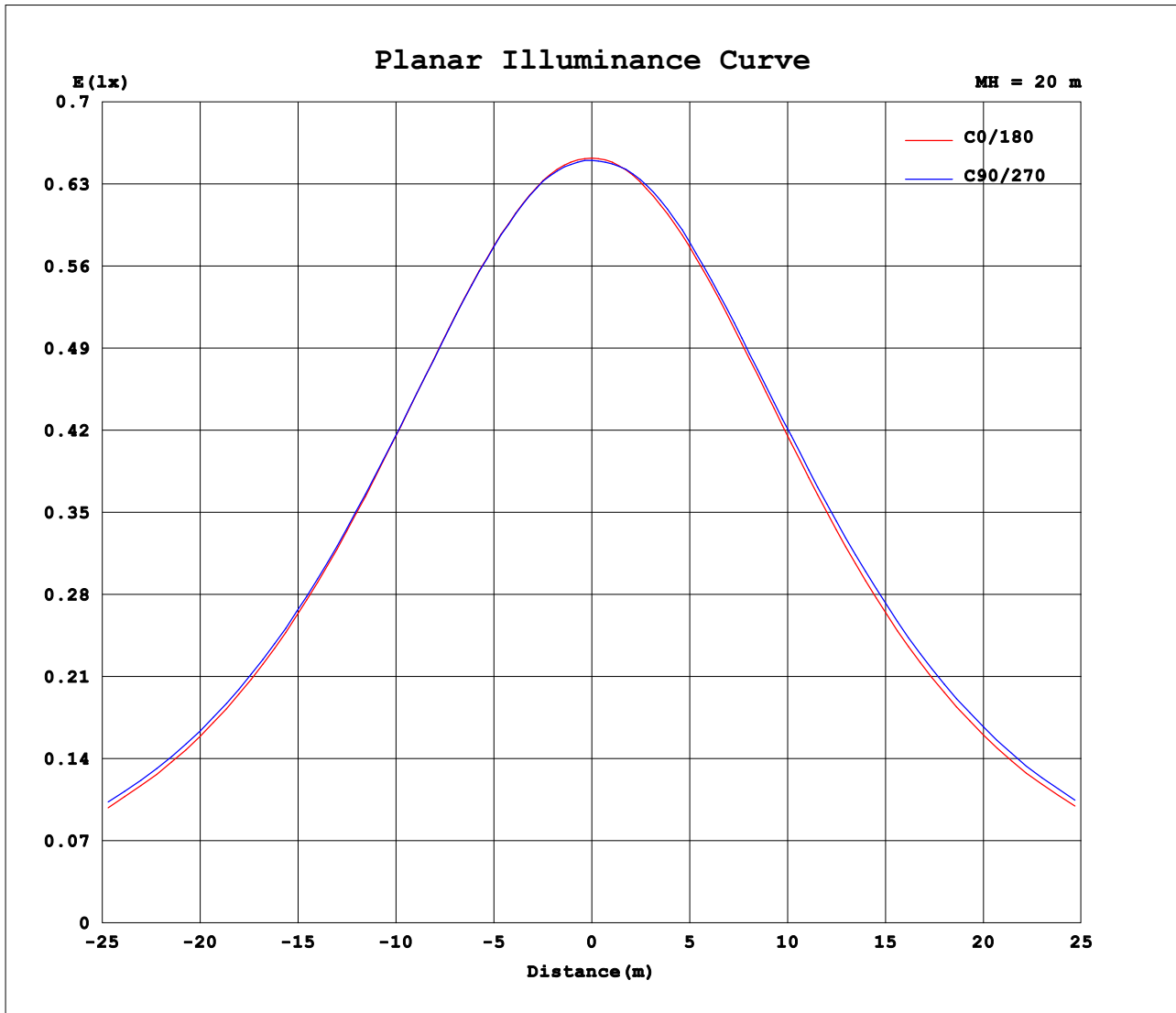
NAME: EKF4496127	TYPE: 4000K	WEIGHT:
SPEC.:	DIM.: 1000MM	SERIAL No.:
MFR.:	SUR.: 0.01	Shielding Angle:



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

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: EKF4496127
127V AH2835-120L
4000K

Planar Illuminance Curve



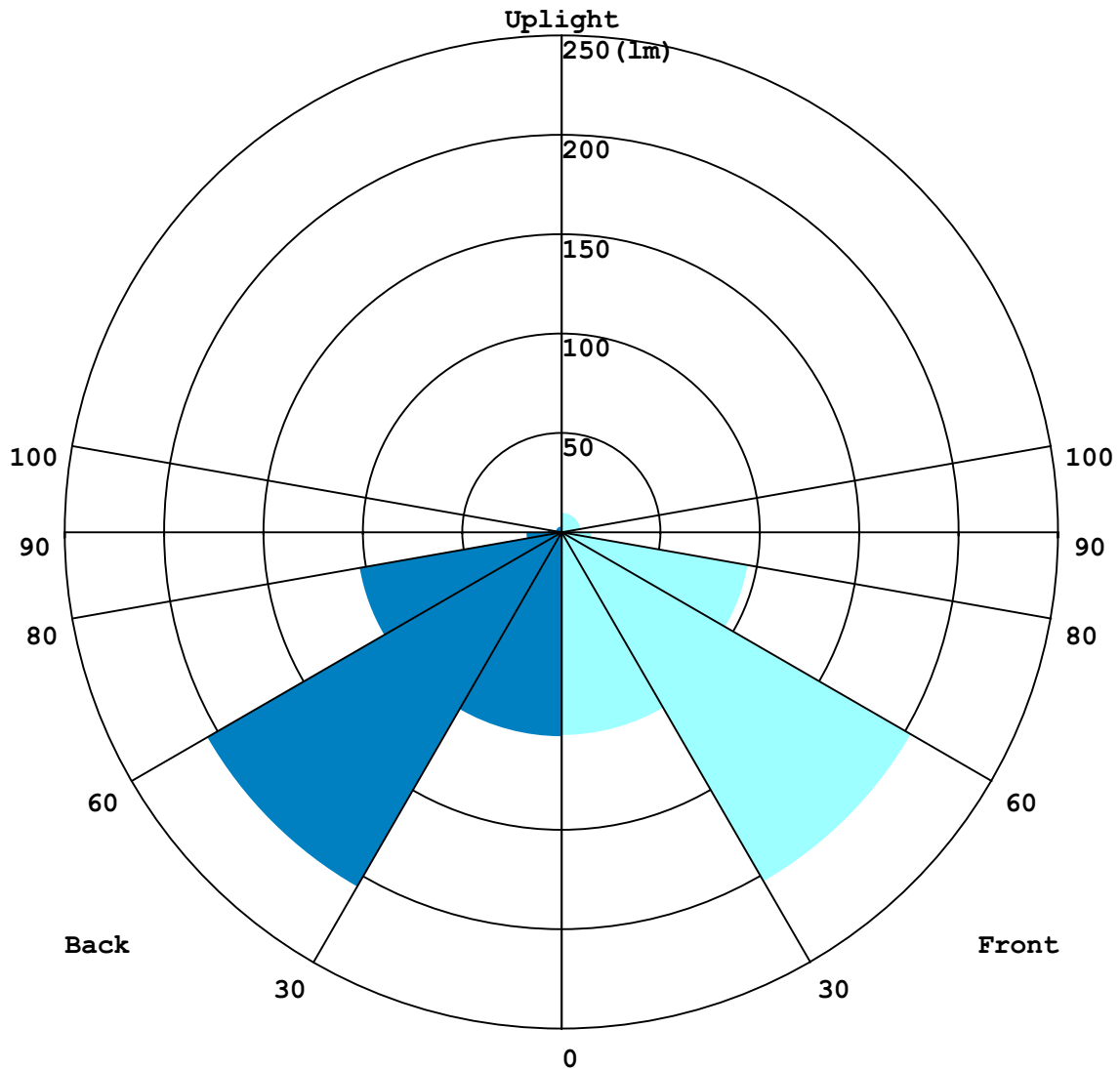
C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature: DEG
 Operators: QC01
 Test Date: 2021-09-26

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: EKF4496127
 127V AH2835-120L
 4000K

LCS REPORT

NAME: EKF4496127	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: 2021-09-26

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: EKF4496127
 127V AH2835-120L
 4000K

BUG REPORT

NAME: EKF4496127	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)	102.13	11.7
FM - Front-Medium(30-60)	203.1	23.3
FH - Front-High(60-80)	95.162	10.9
FVH - Front-Very High(80-90)	15.109	1.7
Total Forward Light	431.87	49.6

BL - Back-Low(0-30)	102.71	11.8
BM - Back-Medium(30-60)	205.99	23.7
BH - Back-High(60-80)	103.02	11.8
BVH - Back-Very High(80-90)	17.55	2.0
Total Back Light	438.96	50.4

UL - Uplight-Low(90-100)	13.358	1.5
UH - Uplight-High(100-180)	12.698	1.5
Total Up Light	26.056	3.0

BUG (Back, Up, Glare) Rating	B0-U2-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	429.26	9.6918	438.96
Street Side	415.5	16.365	431.87

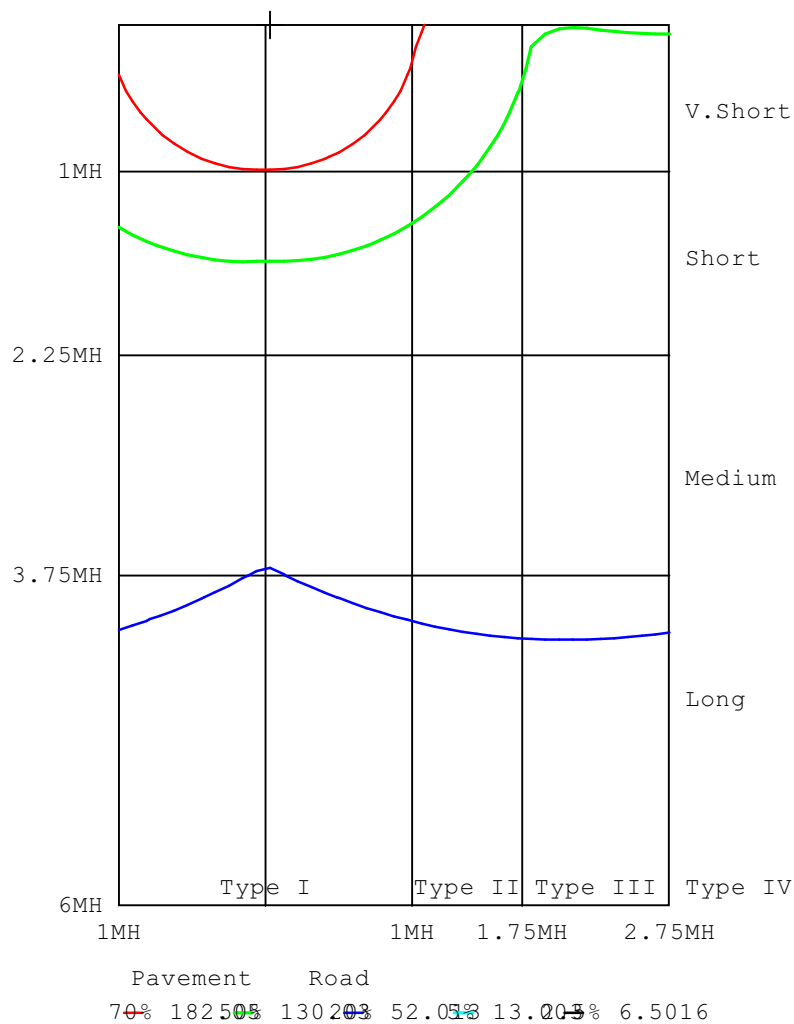
C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature: DEG
Operators: QC01
Test Date: 2021-09-26

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: EKF4496127
 127V AH2835-120L
 4000K

ROAD ISOCANDELA REPORT

NAME: EKF4496127	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:2021-09-26

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: EKF4496127
127V AH2835-120L
4000K

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: EKF4496127	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	261	261	261	261															
5	260	260	259	260															
10	257	257	256	258															
15	251	252	251	254															
20	244	245	244	247															
25	235	236	235	239															
30	224	226	225	229															
35	211	214	212	219															
40	197	201	198	205															
45	180	186	182	190															
50	162	170	164	173															
55	143	153	145	155															
60	122	135	124	139															
65	98.9	121	101	132															
70	75.1	116	78.0	142															
75	51.0	107	54.1	115															
80	27.7	72.1	31.1	77.8															
85	6.84	44.7	11.6	49.7															
90	0.00	27.7	0.83	30.9															
95	0.00	23.7	0.00	24.7															
100	0.00	22.1	0.00	20.0															
105	0.00	20.7	0.00	10.7															
110	0.00	18.2	0.00	1.64															
115	0.00	13.8	0.00	0.00															
120	0.00	9.40	0.00	0.00															
125	0.00	3.96	0.00	0.00															
130	0.00	0.00	0.00	0.00															
135	0.00	0.00	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: 2021-09-26

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: EKF4496127
127V AH2835-120L
4000K