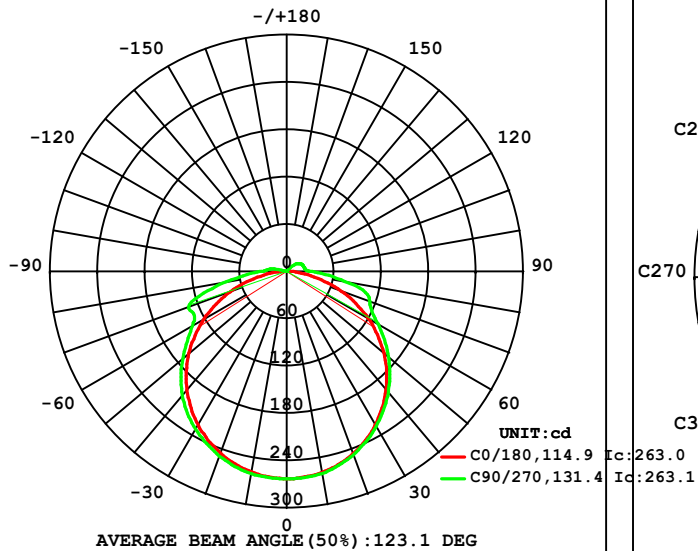
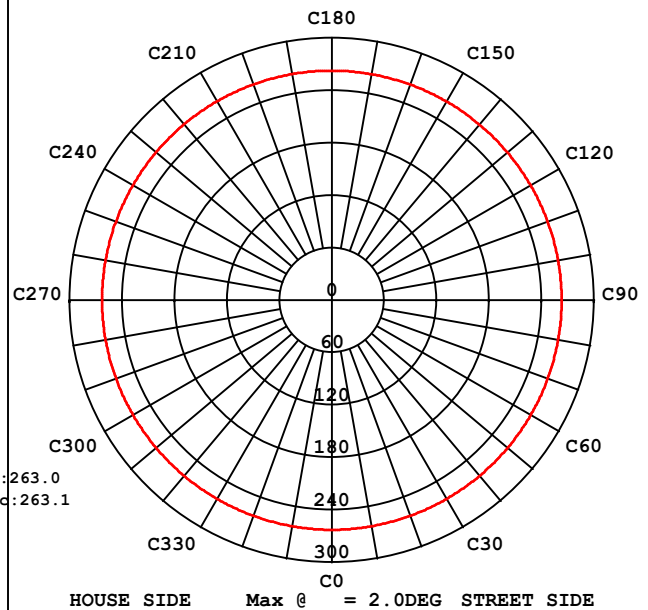


STREETLIGHT PHOTOMETRIC TEST REPORT

NAME: EKF4296127	TYPE: 3000K	WEIGHT:
SPEC.:	DIM.: 1000MM	SERIAL No.:
MFR.:	SUR.: 0.01	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 82 lm/W			
MODEL	2835-120L-3000K-15W	Imax (cd)	263.1	street_up (%)	2.8
NOMINAL POWER (W)		LOR (%)	100.0	street_down (%)	47.4
RATED VOLTAGE (V)	Ac127	TOTAL FLUX (lm)	1238	house_up (%)	1.1
NOMINAL FLUX (lm)	1238	MAXIMUM @ (C,)	270, 2.0	house_down (%)	48.7
LAMPS INSIDE	1	up (%)	3.9	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	Ac127	down (%)	96.1	SLI	16.030

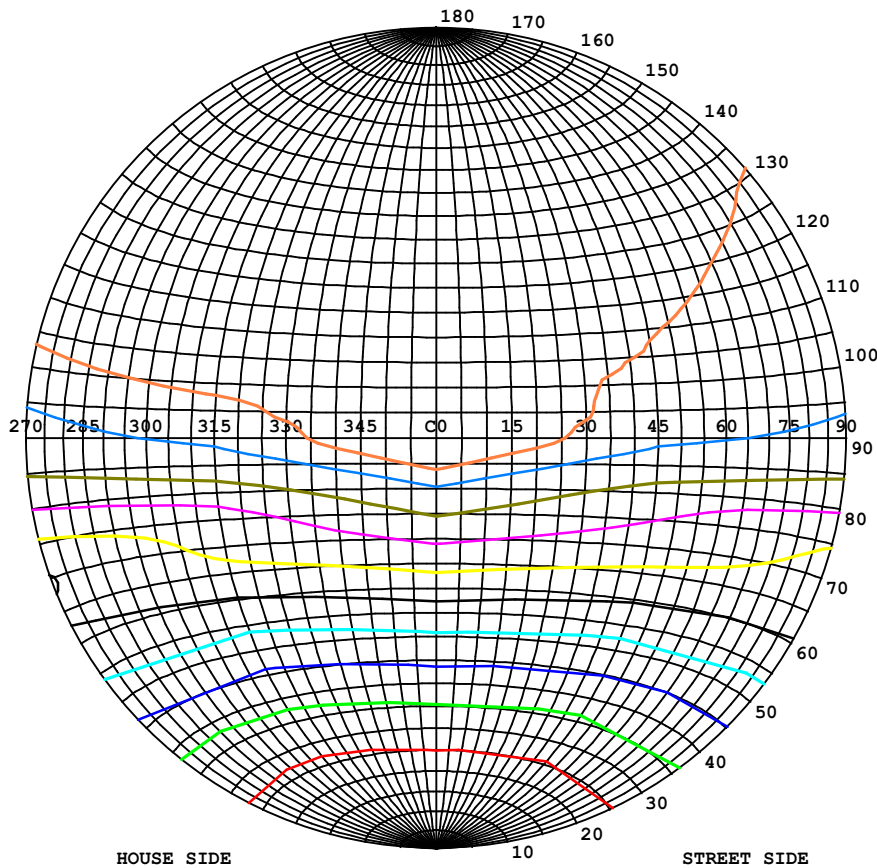
**INTENSITY DISTRIBUTION DIAGRAM
IN C PLANS**

**MAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM**


C Range: 0 - 360DEG
C Interval: 45.0DEG
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: EKF4296127
AH2835-120-127V
3000K

STREETLIGHT ISOCANDELA DIAGRAM

NAME: EKF4296127	TYPE:3000K	WEIGHT:
SPEC.:	DIM.: 1000MM	SERIAL No.:
MFR.:	SUR.:0.01	Shielding Angle:



Classification:

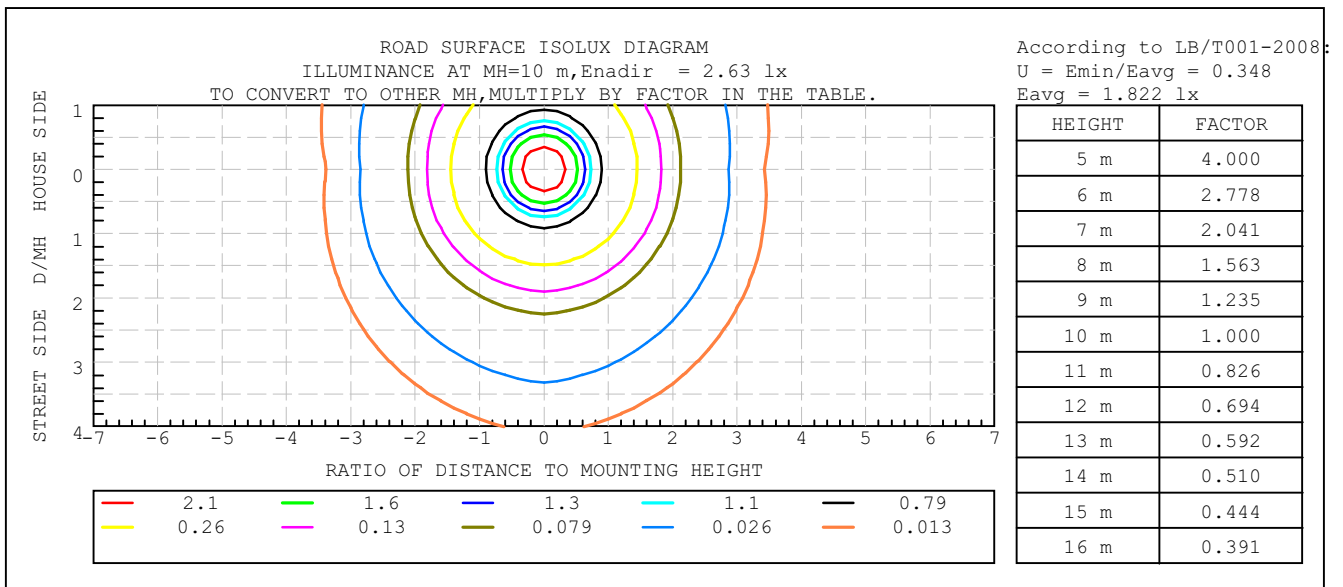
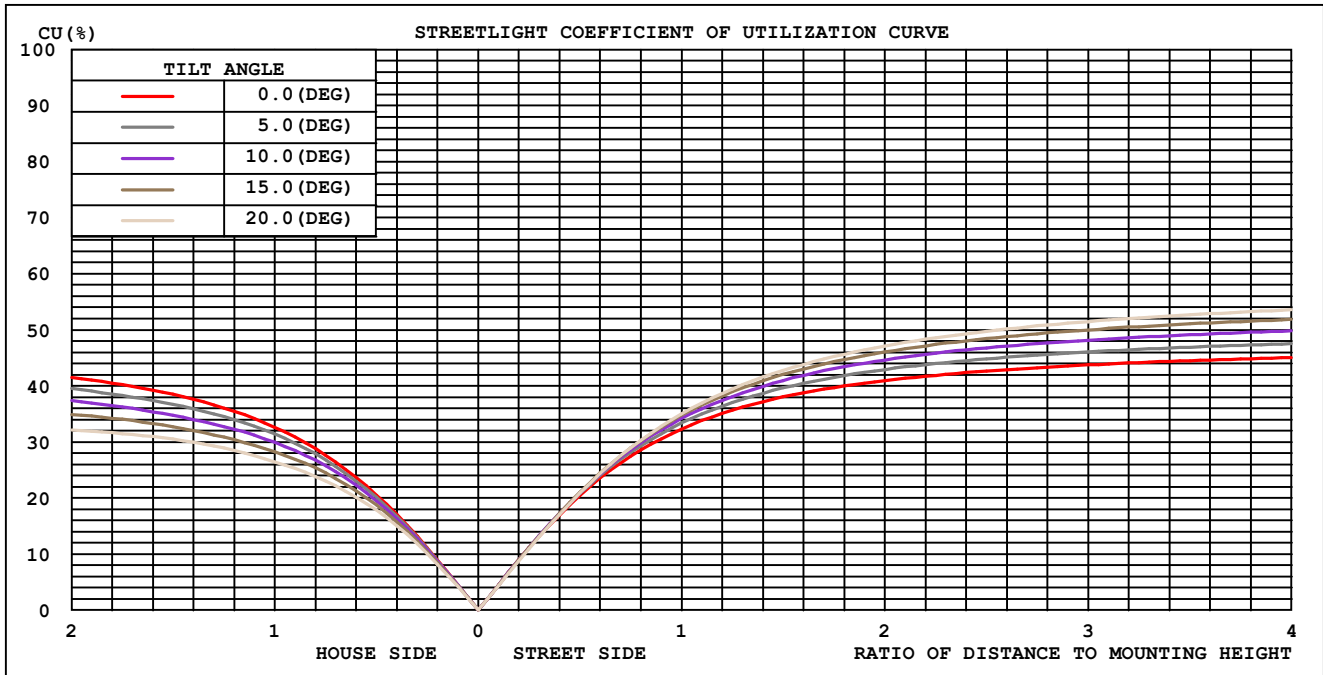
IES:Type V - Very Short
 CIE:Narrow - Short
 IES:None cut-off
 CIE:Semi-cut-off
 Max.At80:88.09cd/klm
 Max.At90:35.80cd/klm
 Max.80-90:88.09cd/klm
 NRB 5101:Limited[7.7%]

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	263
90%	237
80%	210
70%	184
60%	158
50%	132
40%	105
30%	79
20%	53
10%	26
5%	13

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 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: EKF4296127
 AH2835-120-127V
 3000K

COEFFICIENT OF UTILIZATION CURVE AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 45.0DEG
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: EKF4296127
AH2835-120-127V
3000K

ZONAL FLUX DIAGRAM

NAME: EKF4296127	TYPE:3000K	WEIGHT:
SPEC.:	DIM.: 1000MM	SERIAL No.:
MFR.:	SUR.:0.01	Shielding Angle:

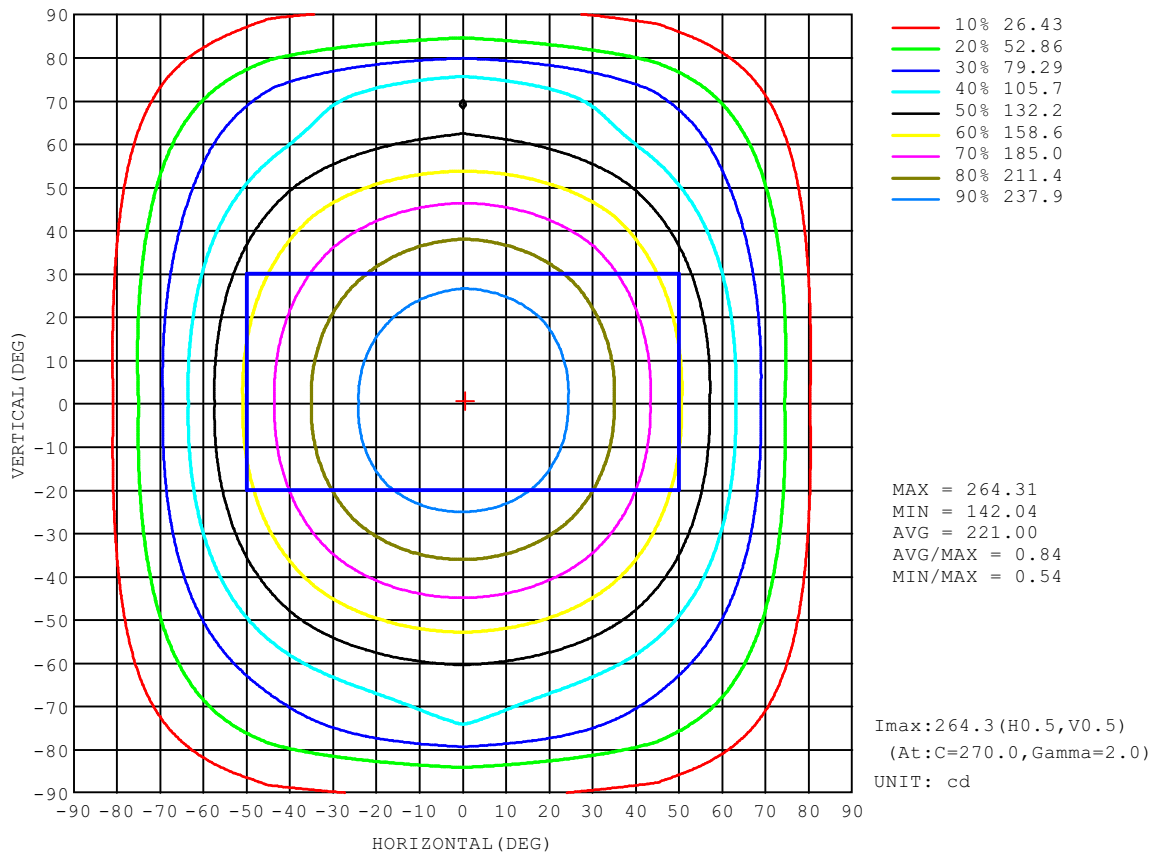
	C0	C45	C90	C135	C180	C225	C270	C315		zone	total	%lum,lamp
10	258.9	260.0	260.2	259.4	258.4	259.5	260.7	259.9	0- 10	24.95	24.95	2.82,2.82
20	246.3	247.9	247.6	247.2	245.8	248.0	249.4	248.7	10- 20	71.93	96.88	10.9,10.9
30	225.0	227.5	227.4	226.5	225.1	228.0	231.3	228.8	20- 30	109.9	206.8	23.3,23.3
40	196.4	199.9	200.7	199.2	196.9	202.0	206.0	202.5	30- 40	134.4	341.2	38.5,38.5
50	160.9	166.5	169.0	166.2	162.1	170.5	172.1	170.2	40- 50	142.3	483.6	54.6,54.6
60	119.7	129.1	134.0	129.0	121.3	132.8	138.1	132.1	50- 60	132.9	616.5	69.6,69.6
70	73.97	92.59	112.4	91.87	76.25	99.23	132.6	98.28	60- 70	111.1	727.6	82.1,82.1
80	27.54	62.21	75.41	62.73	30.08	68.31	78.06	65.80	70- 80	84.75	812.4	91.7,91.7
90	0.0039	23.07	30.39	23.77	0.5380	24.88	31.72	22.96	80- 90	39.25	851.6	96.1,96.1
100	0	17.82	23.70	18.08	0	10.20	19.88	7.894	90-100	17.24	868.8	98.1,98.1
110	0	12.40	22.64	11.81	0	0	0.7072	0	100-110	8.629	877.5	99,99
120	0	7.580	20.18	7.626	0	0	0	0	110-120	5.175	882.6	99.6,99.6
130	0	0	14.75	0	0	0	0	0	120-130	2.799	885.4	99.9,99.9
140	0	0	0.0049	0	0	0	0	0	130-140	0.6182	886.1	100,100
150	0	0	0	0	0	0	0	0	140-150	0.0000	886.1	100,100
160	0	0	0	0	0	0	0	0	150-160	0	886.1	100,100
170	0	0	0	0	0	0	0	0	160-170	0	886.1	100,100
180	0	0	0	0	0	0	0	0	170-180	0	886.1	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 45.0DEG
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: EKF4296127
AH2835-120-127V
3000K

ISOCANDELA DIAGRAM

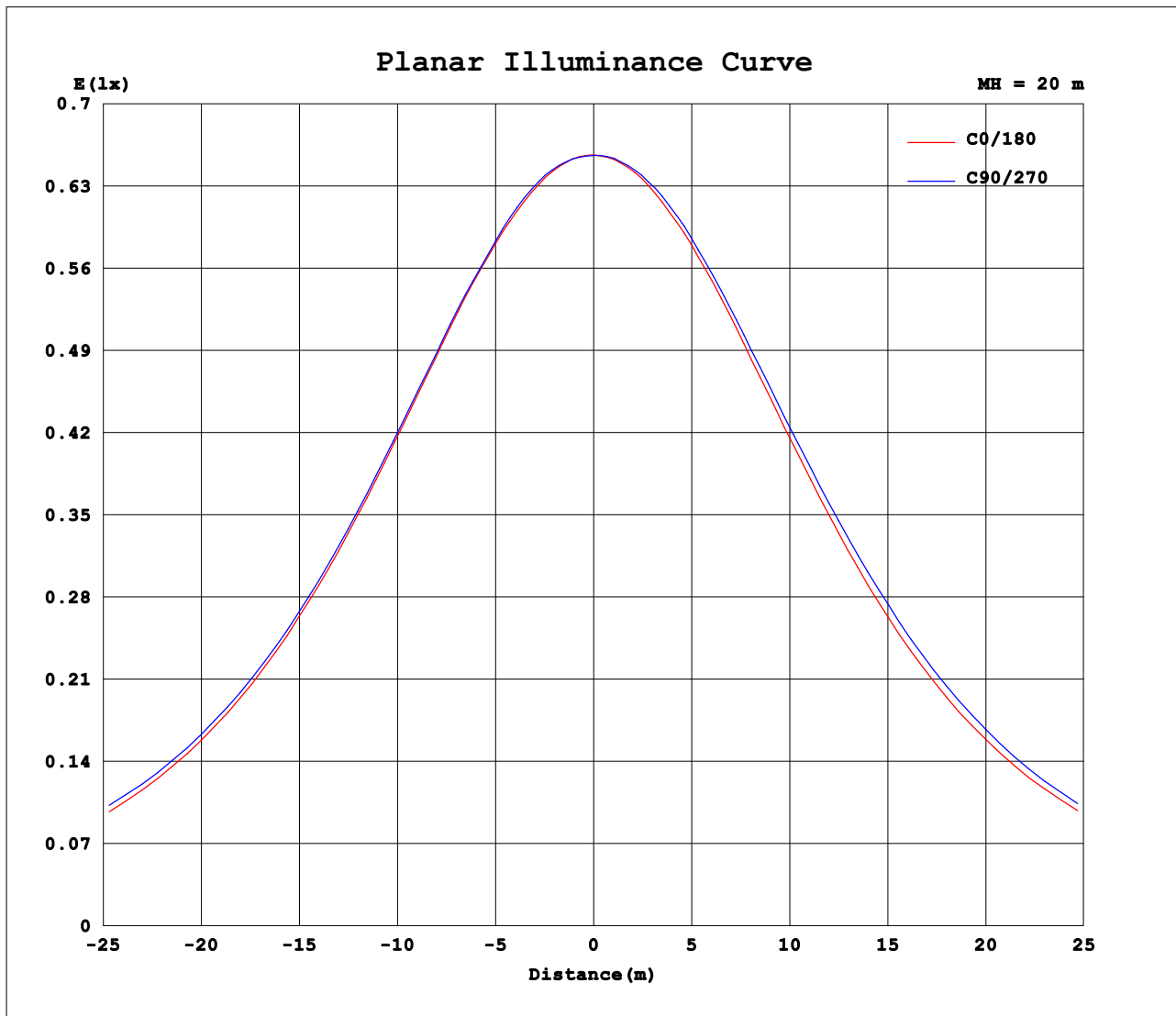
NAME: EKF4296127	TYPE: 3000K	WEIGHT:
SPEC.:	DIM.: 1000MM	SERIAL No.:
MFR.:	SUR.: 0.01	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 45.0DEG
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: EKF4296127
AH2835-120-127V
3000K

Planar Illuminance Curve

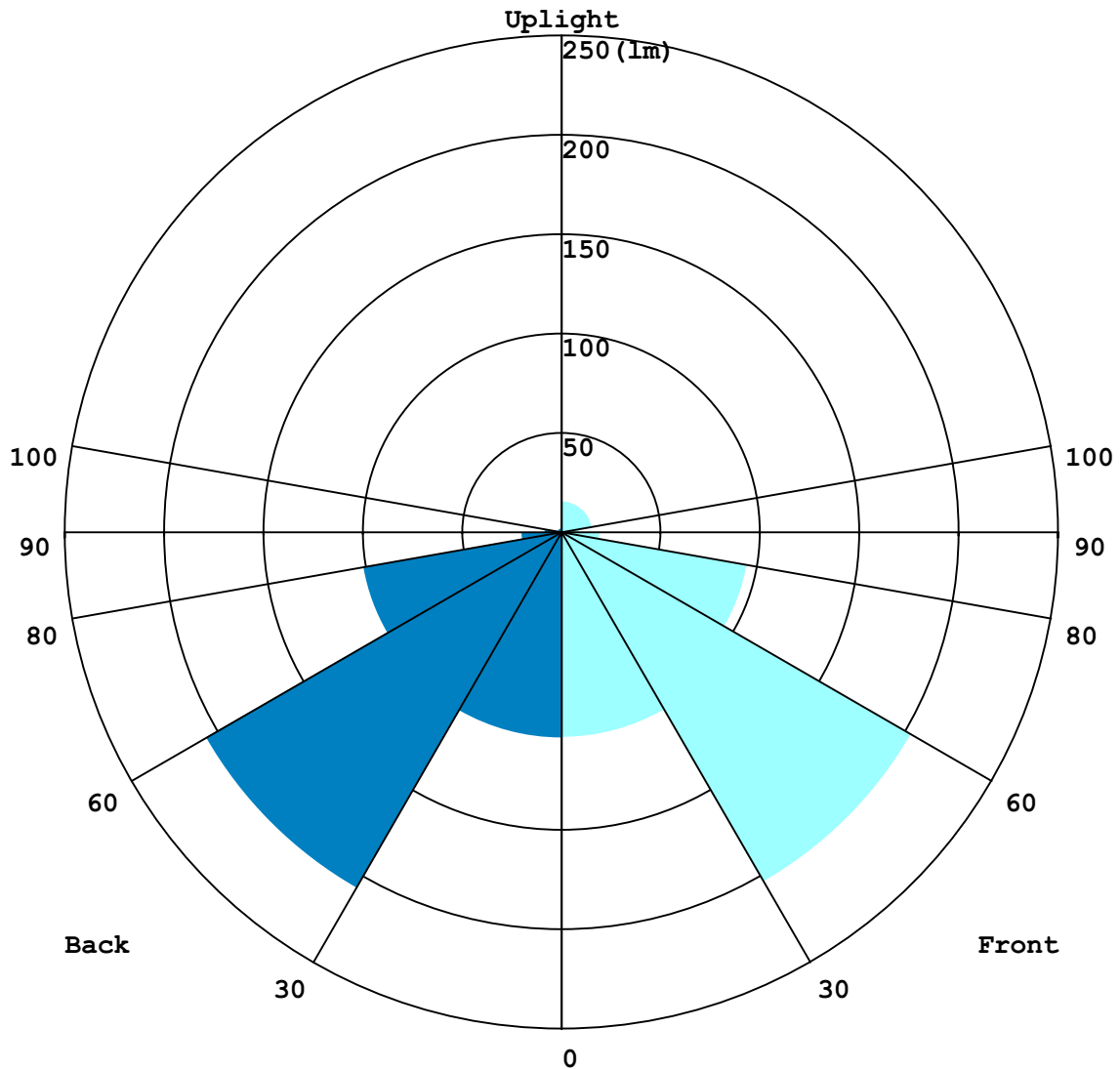


C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature: DEG
 Operators: QC01
 Test Date: 2021-09-27

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: EKF4296127
 AH2835-120-127V
 3000K

LCS REPORT

NAME: EKF4296127	TYPE:3000K	WEIGHT:
SPEC.:	DIM.: 1000MM	SERIAL No.:
MFR.:	SUR.:0.01	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH


C Range: 0 - 360DEG
C Interval: 45.0DEG
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: EKF4296127
 AH2835-120-127V
 3000K

BUG REPORT

NAME: EKF4296127	TYPE:3000K	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)	103.25	11.7
FM - Front-Medium(30-60)	203.22	22.9
FH - Front-High(60-80)	94.608	10.7
FVH - Front-Very High(80-90)	19.196	2.2
Total Forward Light	444.65	50.2

BL - Back-Low(0-30)	103.57	11.7
BM - Back-Medium(30-60)	206.48	23.3
BH - Back-High(60-80)	101.23	11.4
BVH - Back-Very High(80-90)	20.053	2.3
Total Back Light	441.42	49.8

UL - Uplight-Low(90-100)	17.24	1.9
UH - Uplight-High(100-180)	17.222	1.9
Total Up Light	34.462	3.9

BUG(Back,Up,Glare) Rating	B0-U2-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	431.33	10.088	441.42
Street Side	420.27	24.373	444.65

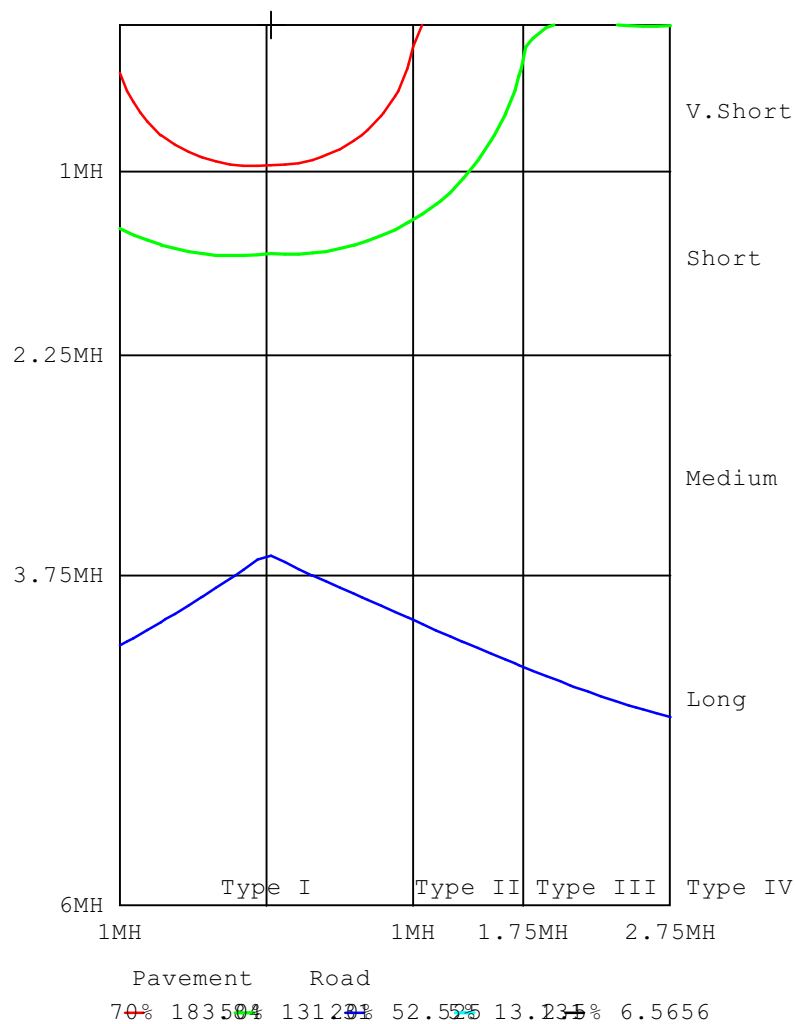
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: DEG
Operators: QC01
Test Date: 2021-09-27

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: EKF4296127
 AH2835-120-127V
 3000K

ROAD ISOCANDELA REPORT

NAME: EKF4296127	TYPE:3000K	WEIGHT:
SPEC.:	DIM.: 1000MM	SERIAL No.:
MFR.:	SUR.:0.01	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 45.0DEG
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: EKF4296127
AH2835-120-127V
3000K

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: EKF4296127	TYPE: 3000K	WEIGHT:
SPEC.:	DIM.: 1000MM	SERIAL No.:
MFR.:	SUR.: 0.01	Shielding Angle:

Table--1
UNIT: cd

C (DEG) (DEG)	0	45	90	135	180	225	270	315										
0	263	263	263	263	263	263	263	263										
5	262	262	263	262	262	262	263	262										
10	259	260	260	259	258	259	261	260										
15	254	255	255	255	253	255	256	256										
20	246	248	248	247	246	248	249	249										
25	237	239	238	238	236	239	241	240										
30	225	228	227	227	225	228	231	229										
35	212	214	215	214	212	216	220	216										
40	196	200	201	199	197	202	206	202										
45	180	184	185	183	180	187	190	187										
50	161	167	169	166	162	170	172	170										
55	141	148	152	148	142	152	154	152										
60	120	129	134	129	121	133	138	132										
65	97.2	110	119	110	99.1	114	130	113										
70	74.0	92.6	112	91.9	76.2	99.2	133	98.3										
75	50.2	78.2	104	77.2	52.8	91.6	110	89.0										
80	27.5	62.2	75.4	62.7	30.1	68.3	78.1	65.8										
85	9.06	38.3	49.1	39.2	11.1	40.8	50.5	38.3										
90	0.00	23.1	30.4	23.8	0.54	24.9	31.7	23.0										
95	0.00	18.8	24.8	19.2	0.00	18.9	25.4	17.2										
100	0.00	17.8	23.7	18.1	0.00	10.2	19.9	7.89										
105	0.00	14.3	23.0	13.6	0.00	0.68	9.20	0.00										
110	0.00	12.4	22.6	11.8	0.00	0.00	0.71	0.00										
115	0.00	10.00	21.9	9.92	0.00	0.00	0.00	0.00										
120	0.00	7.58	20.2	7.63	0.00	0.00	0.00	0.00										
125	0.00	3.16	18.4	3.23	0.00	0.00	0.00	0.00										
130	0.00	0.00	14.8	0.00	0.00	0.00	0.00	0.00										
135	0.00	0.00	5.42	0.00	0.00	0.00	0.00	0.00										
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00										
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00										
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00										
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00										
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00										
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00										
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00										
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00										
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00										

C Range: 0 - 360DEG
C Interval: 45.0DEG
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: EKF4296127
AH2835-120-127V
3000K