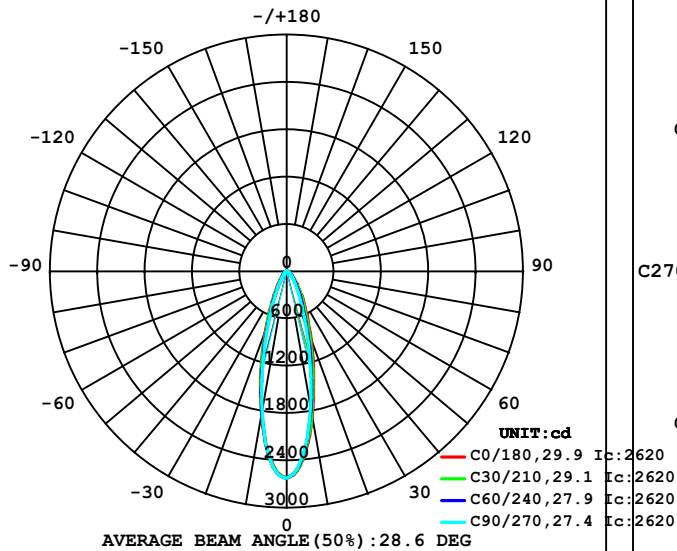
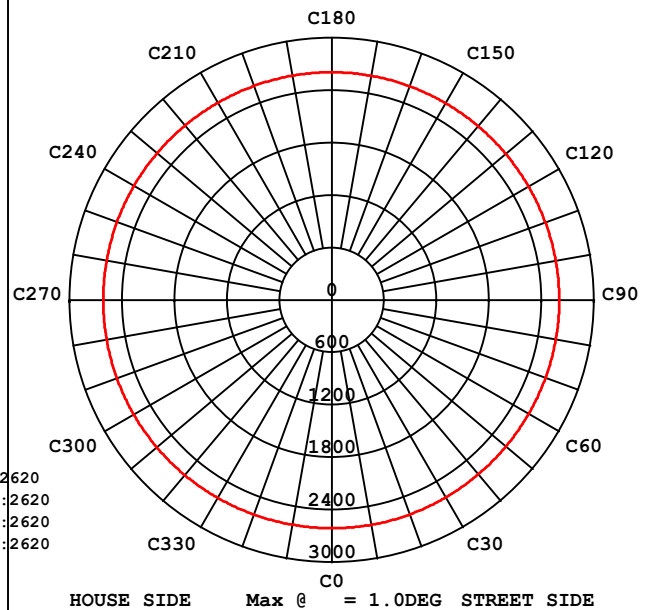


STREETLIGHT PHOTOMETRIC TEST REPORT

NAME: EKF4496220	TYPE: 4000K	WEIGHT:
SPEC.:	DIM.: 1000MM	SERIAL No.:
MFR.:	SUR.: 0.01	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 80 lm/W			
MODEL	2835-120L-4000K	Imax (cd)	2620	street_up (%)	0.0
NOMINAL POWER (W)		LOR (%)	100.0	street_down (%)	52.5
RATED VOLTAGE (V)	AC220	TOTAL FLUX (lm)	1038	house_up (%)	0.0
NOMINAL FLUX (lm)	1037.71	MAXIMUM @ (C,)	300, 1.0	house_down (%)	47.5
LAMPS INSIDE	1	up (%)	0.0	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	AC220	down (%)	100.0	SLI	0.000

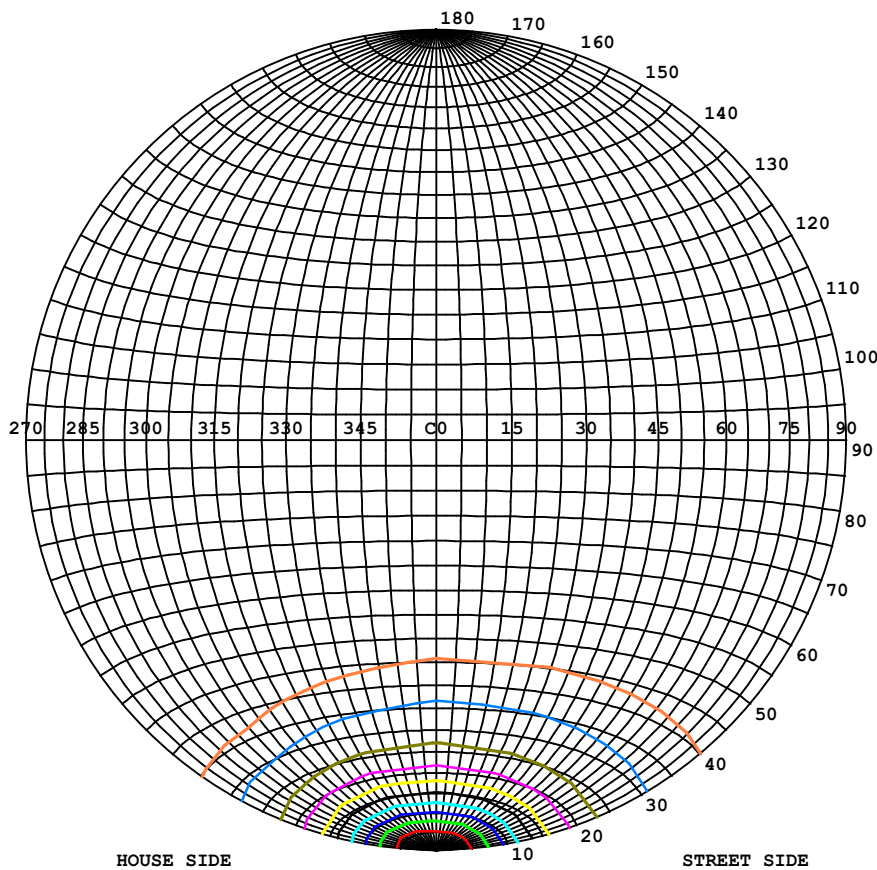
**INTENSITY DISTRIBUTION DIAGRAM
IN C PLANS**

**MAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM**


C Range: 0 - 360DEG
C Interval: 30.0DEG
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: EKF4496220
220V 2835-120L
4000K

STREETLIGHT ISOCANDELA DIAGRAM

NAME: EKF4496220	TYPE: 4000K	WEIGHT:
SPEC.:	DIM.: 1000MM	SERIAL No.:
MFR.:	SUR.: 0.01	Shielding Angle:



Classification:

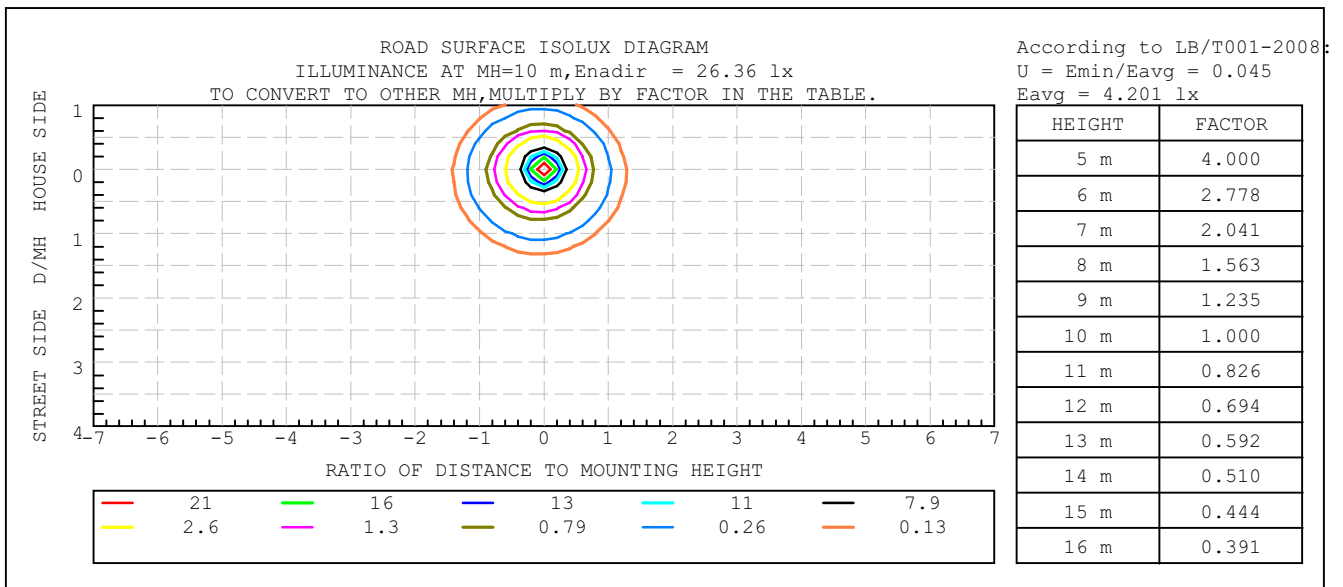
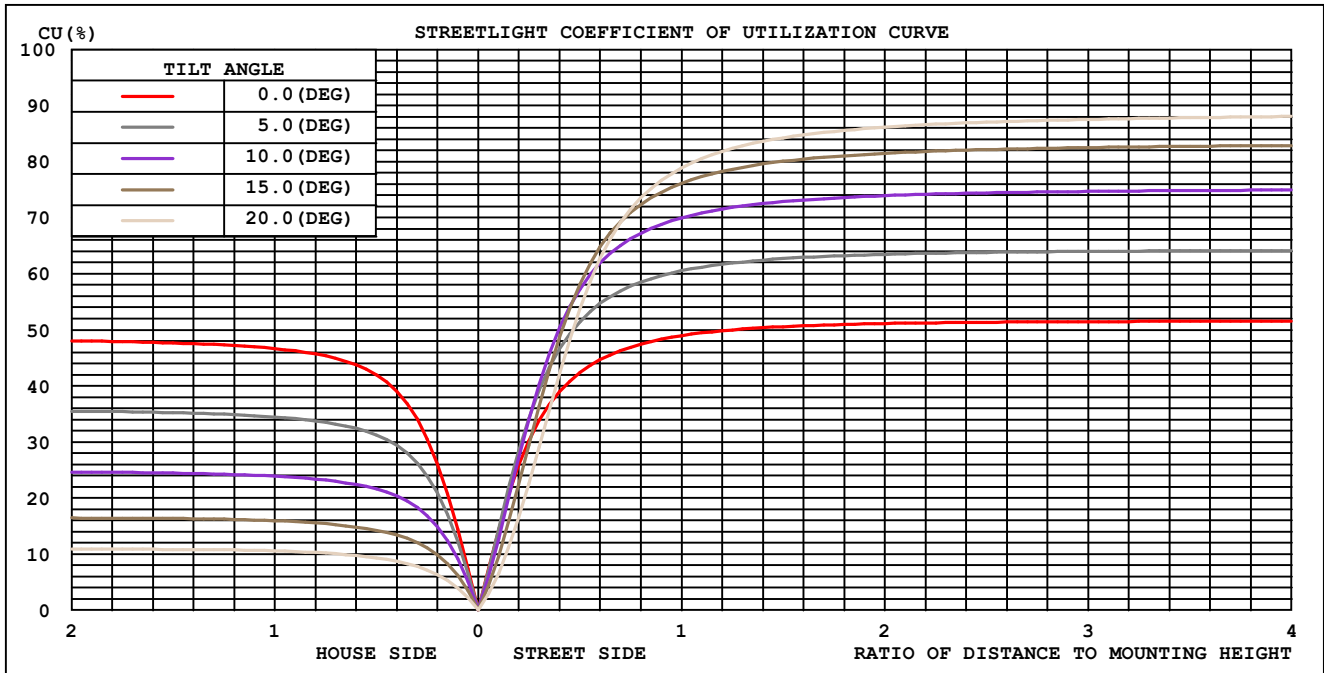
IES: Type V - Very Short
 CIE: Narrow - Short
 IES: Cut-off
 CIE: Full cut-off
 Max. At 80: 4.718cd/klm
 Max. At 90: 0cd/klm
 Max. 80-90: 4.718cd/klm
 NRB 5101: Limited[0.9%]

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	2620
90%	2358
80%	2096
70%	1834
60%	1572
50%	1310
40%	1048
30%	786
20%	524
10%	262
5%	131

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 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: EKF4496220
 220V 2835-120L
 4000K

COEFFICIENT OF UTILIZATION CURVE AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 30.0DEG
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: EKF4496220
220V 2835-120L
4000K

ZONAL FLUX DIAGRAM

NAME: EKF4496220	TYPE:4000K	WEIGHT:
SPEC.:	DIM.: 1000MM	SERIAL No.:
MFR.:	SUR.:0.01	Shielding Angle:

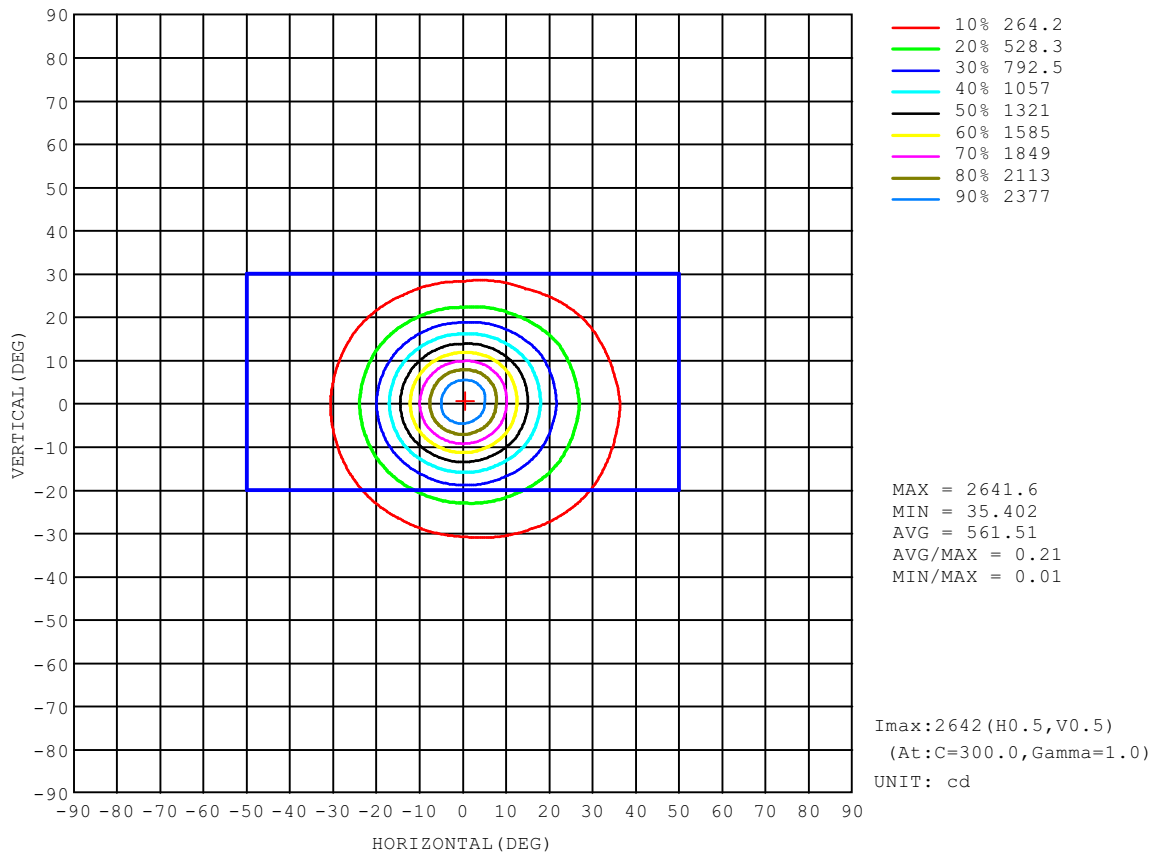
	C0	C45	C90	C135	C180	C225	C270	C315		zone	total	%lum,lamp
10	1874	1821	1762	1784	1857	1838	1818	1868	0- 10	209.5	209.5	20.2,20.2
20	907.2	805.9	709.6	726.3	797.1	729.0	681.2	815.8	10- 20	339.6	549.0	52.9,52.9
30	424.8	357.7	282.2	268.6	282.9	238.9	215.7	311.9	20- 30	221.8	770.9	74.3,74.3
40	203.2	173.8	132.2	120.6	118.5	90.65	79.38	126.6	30- 40	123.3	894.2	86.2,86.2
50	96.98	86.34	67.76	63.12	61.69	43.93	37.78	56.87	40- 50	70.62	964.8	93,93
60	45.79	41.26	33.41	33.49	34.38	23.95	20.98	27.78	50- 60	41.33	1006	97,97
70	19.19	16.67	13.92	15.00	17.11	11.39	10.04	12.25	60- 70	22.23	1028	99.1,99.1
80	4.866	3.345	2.456	3.109	4.896	2.339	1.769	2.497	70- 80	8.607	1037	99.9,99.9
90	0	0	0	0	0	0	0	0	80- 90	0.7456	1038	100,100
100	0	0	0	0	0	0	0	0	90-100	0	1038	100,100
110	0	0	0	0	0	0	0	0	100-110	0	1038	100,100
120	0	0	0	0	0	0	0	0	110-120	0	1038	100,100
130	0	0	0	0	0	0	0	0	120-130	0	1038	100,100
140	0	0	0	0	0	0	0	0	130-140	0	1038	100,100
150	0	0	0	0	0	0	0	0	140-150	0	1038	100,100
160	0	0	0	0	0	0	0	0.0000	150-160	0.0000	1038	100,100
170	0	0.0157	0.0569	0.0052	0.0887	0.0313	0.0879	0.0794	160-170	0.0038	1038	100,100
180	0.1250	0.0989	0.0983	0.0898	0.1354	0.0937	0.1086	0.1051	170-180	0.0063	1038	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 30.0DEG
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: EKF4496220
220V 2835-120L
4000K

ISOCANDELA DIAGRAM

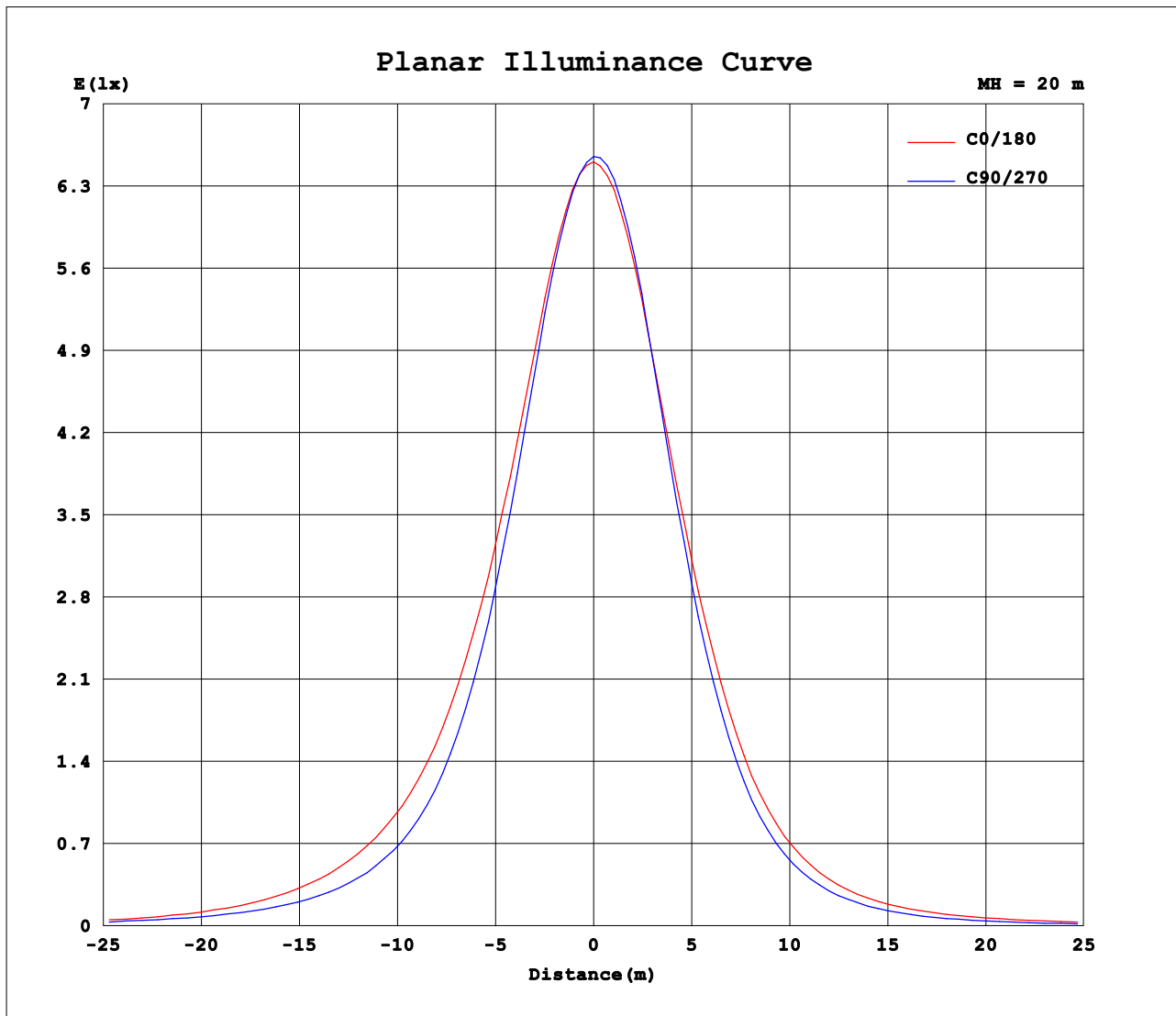
NAME: EKF4496220	TYPE: 4000K	WEIGHT:
SPEC.:	DIM.: 1000MM	SERIAL No.:
MFR.:	SUR.: 0.01	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.0DEG
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: EKF4496220
220V 2835-120L
4000K

Planar Illuminance Curve

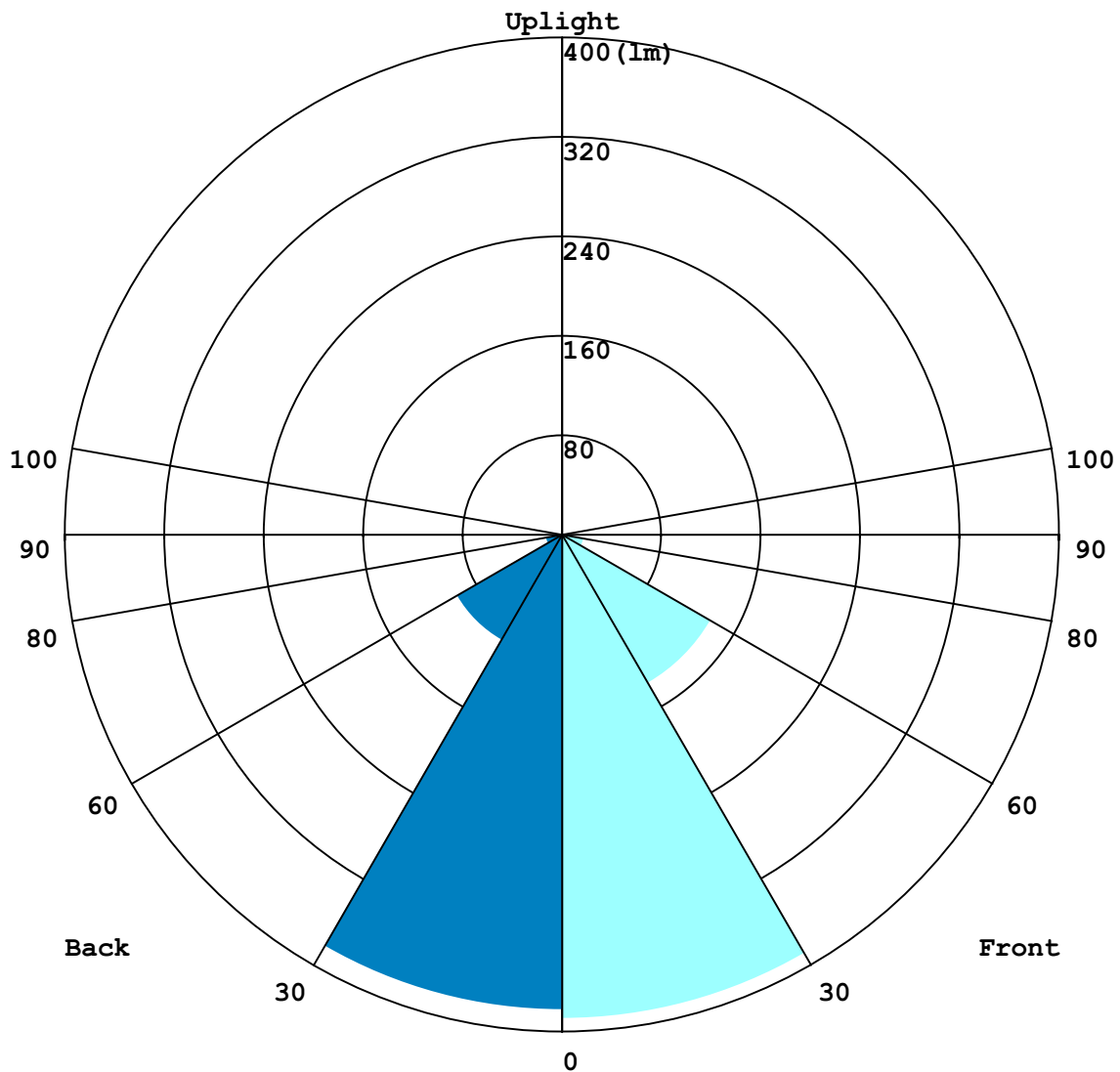


C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: DEG
 Operators: QC01
 Test Date: 2021-09-26

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: EKF4496220
 220V 2835-120L
 4000K

LCS REPORT

NAME: EKF4496220	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: 30.0DEG
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: EKF4496220
 220V 2835-120L
 4000K

BUG REPORT

NAME: EKF4496220	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)	388.95	37.5
FM - Front-Medium(30-60)	137.79	13.3
FH - Front-High(60-80)	17.673	1.7
FVH - Front-Very High(80-90)	0.41406	0.0
Total Forward Light	544.83	52.5

BL - Back-Low(0-30)	381.91	36.8
BM - Back-Medium(30-60)	97.466	9.4
BH - Back-High(60-80)	13.166	1.3
BVH - Back-Very High(80-90)	0.33158	0.0
Total Back Light	492.88	47.5

UL - Uplight-Low(90-100)	0	0.0
UH - Uplight-High(100-180)	0.010061	0.0
Total Up Light	0.010061	0.0

BUG (Back, Up, Glare) Rating	B1-U1-G0
------------------------------	----------

Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	492.87	0.0075591	492.88
Street Side	544.83	0.0025014	544.83

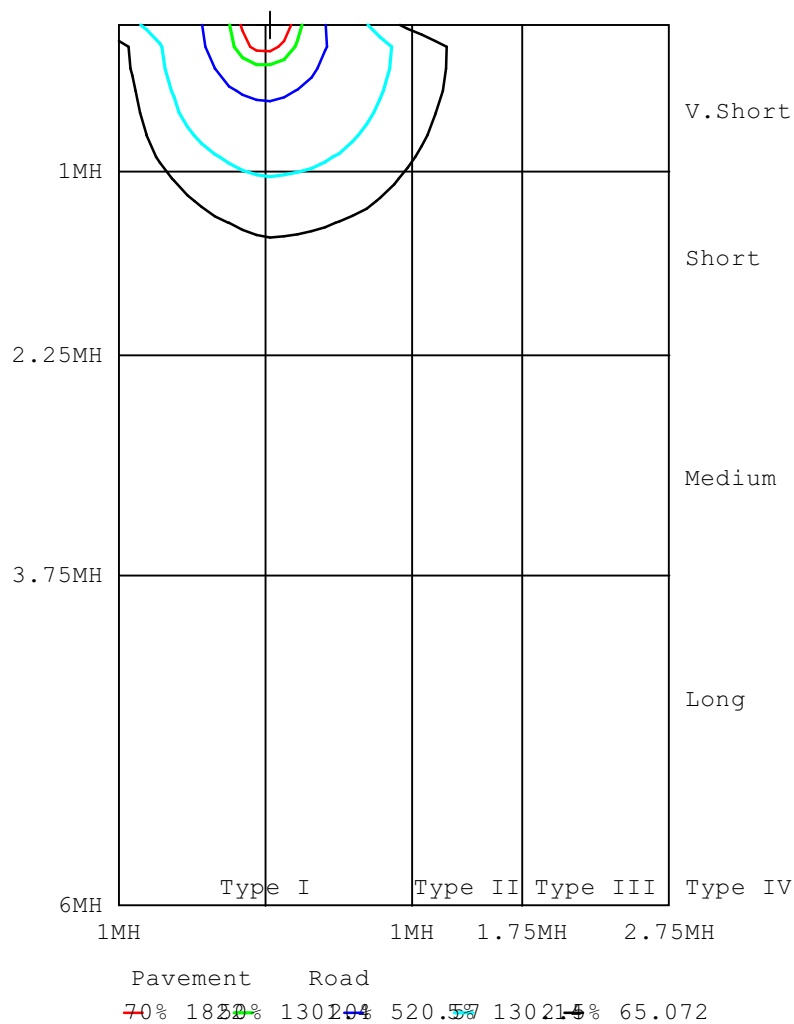
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: DEG
Operators: QC01
Test Date: 2021-09-26

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: EKF4496220
 220V 2835-120L
 4000K

ROAD ISOCANDELA REPORT

NAME: EKF4496220	TYPE: 4000K	WEIGHT:
SPEC.:	DIM.: 1000MM	SERIAL No.:
MFR.:	SUR.: 0.01	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 30.0DEG
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: EKF4496220
220V 2835-120L
4000K

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: EKF4496220	TYPE: 4000K	WEIGHT:
SPEC.:	DIM.: 1000MM	SERIAL No.:
MFR.:	SUR.: 0.01	Shielding Angle:

Table--1
UNIT: cd

C (DEG) (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	2620	2620	2620	2620	2620	2620	2620	2620	2620	2620	2620	2620							
5	2396	2390	2360	2351	2344	2363	2393	2397	2414	2411	2421	2408							
10	1874	1853	1789	1762	1759	1808	1857	1842	1833	1818	1860	1876							
15	1334	1287	1196	1151	1156	1218	1277	1240	1190	1171	1243	1317							
20	907	854	758	710	702	750	797	758	700	681	760	872							
25	615	568	487	439	423	446	474	442	393	381	445	562							
30	425	390	326	282	266	271	283	258	220	216	260	364							
35	295	271	224	190	176	175	177	157	129	127	156	237							
40	203	190	158	132	122	119	119	100	81.0	79.4	97.2	156							
45	140	133	111	94.0	87.2	85.3	83.7	68.4	54.6	53.2	63.8	103							
50	97.0	93.5	79.2	67.8	63.2	63.0	61.7	48.7	39.1	37.8	44.1	69.6							
55	67.1	65.2	55.7	48.1	45.9	46.8	46.1	35.7	29.0	28.0	31.7	47.6							
60	45.8	44.4	38.2	33.4	32.7	34.3	34.4	26.2	21.7	21.0	23.1	32.5							
65	30.3	29.1	25.0	22.3	22.3	24.2	24.9	18.7	15.7	15.2	16.4	21.7							
70	19.2	18.0	15.3	13.9	14.2	15.8	17.1	12.4	10.4	10.0	10.8	13.7							
75	11.0	9.87	8.13	7.46	7.61	9.02	10.5	7.14	5.72	5.49	5.92	7.62							
80	4.87	3.91	2.78	2.46	2.60	3.62	4.90	2.74	1.94	1.77	2.05	2.95							
85	0.80	0.15	0.00	0.00	0.00	0.12	0.93	0.00	0.00	0.00	0.00	0.00							
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00							
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00							
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00							
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00							
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00							
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00							
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00							
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00							
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00							
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	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	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	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	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	0.00	0.00	0.00	0.00							
165	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.03	0.05	0.05	0.00							
170	0.00	0.03	0.00	0.06	0.00	0.01	0.09	0.00	0.06	0.09	0.11	0.05							
175	0.06	0.09	0.04	0.10	0.02	0.08	0.14	0.06	0.08	0.10	0.11	0.09							
180	0.13	0.12	0.07	0.10	0.08	0.10	0.14	0.09	0.09	0.11	0.10	0.11							

C Range: 0 - 360DEG
C Interval: 30.0DEG
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: EKF4496220
220V 2835-120L
4000K