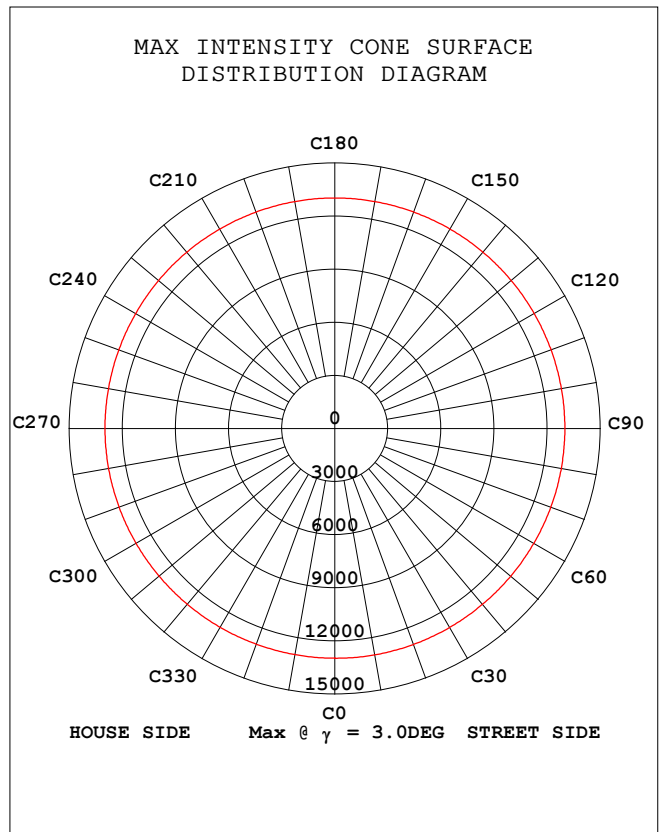
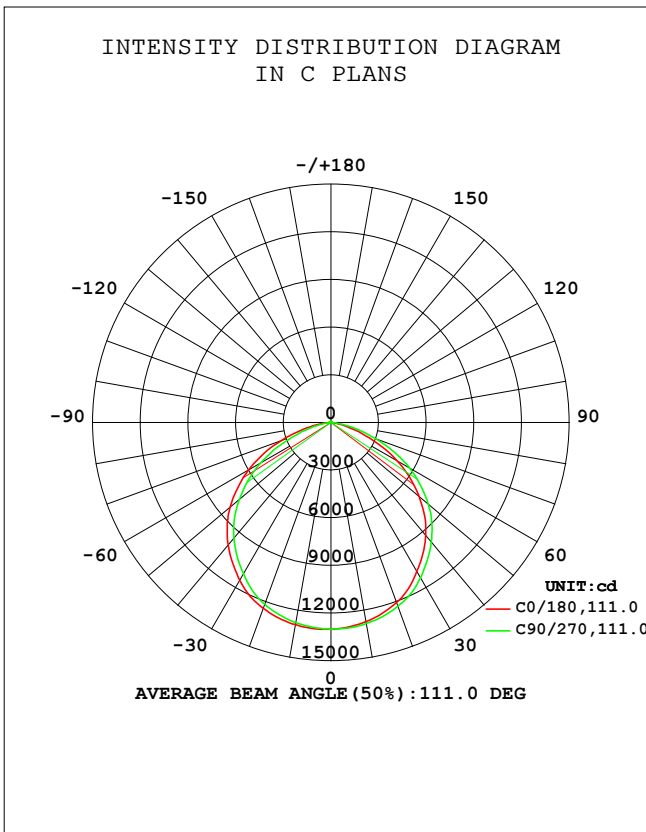


PHOTOMETRIC TEST REPORT

NAME: UFO-200W-5000K	TYPE:	WEIGHT:
SPEC.:	DIM.: 20cm	SERIAL No.:
MFR.: EVERFINE	SUR.:0.23*0.23	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 191.61 lm/W			
MODEL	UFO-200W-5000K	Imax (cd)	13029	η street_up (%)	0.4
NOMINAL POWER (W)	200	LOR (%)	100.0	η street_down (%)	50.2
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	35632	η house_up (%)	0.5
NOMINAL FLUX (lm)	148.465	MAXIMUM @ (C, γ)	180,3.0	η house_down (%)	48.9
LAMPS INSIDE	240	η up (%)	0.9	76 FLASHAREA (m2)	0.05000
TEST VOLTAGE (V)	220	η down (%)	99.1	SLI	21.573

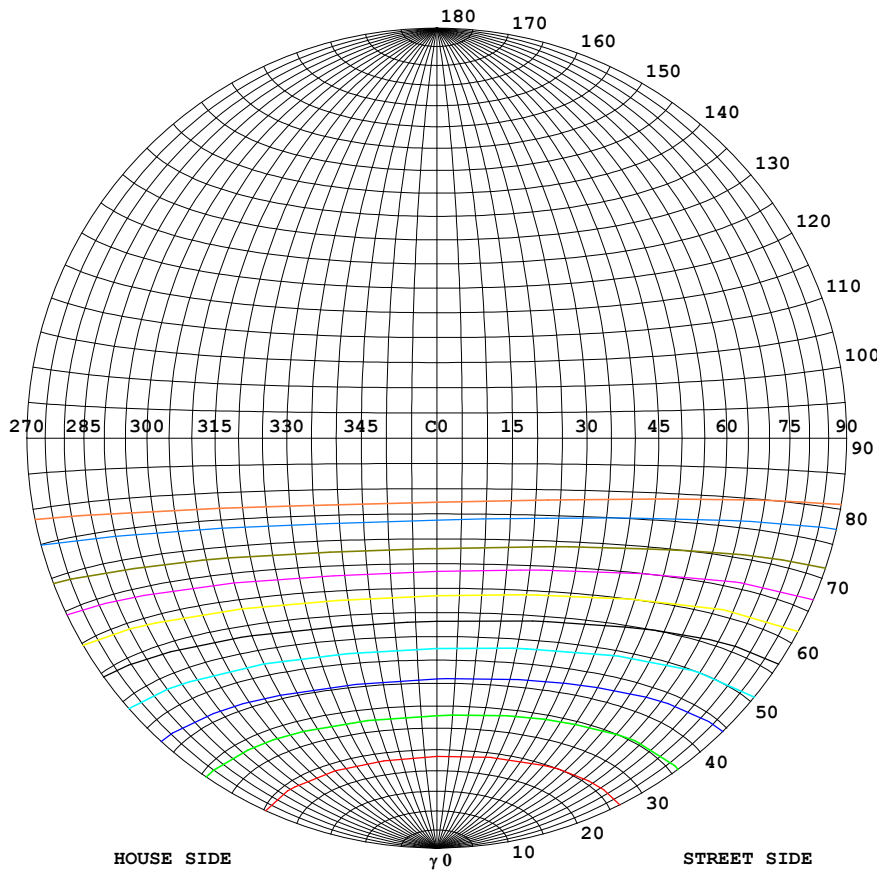


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2022-01-20

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.361
 Humidity: 65.0%
 Test Distance: 7.076m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

NAME: UFO-200W-5000K	TYPE:	WEIGHT:
SPEC.:	DIM.: 20cm	SERIAL No.:
MFR.: EVERFINE	SUR.: 0.23*0.23	Shielding Angle:



Classification:

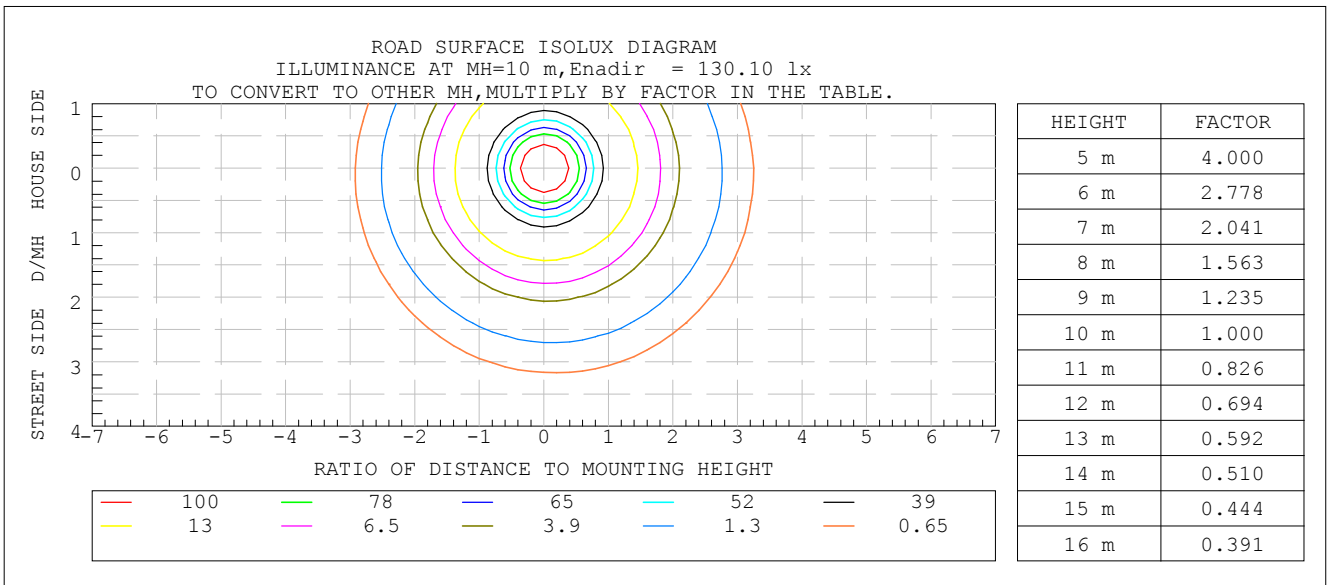
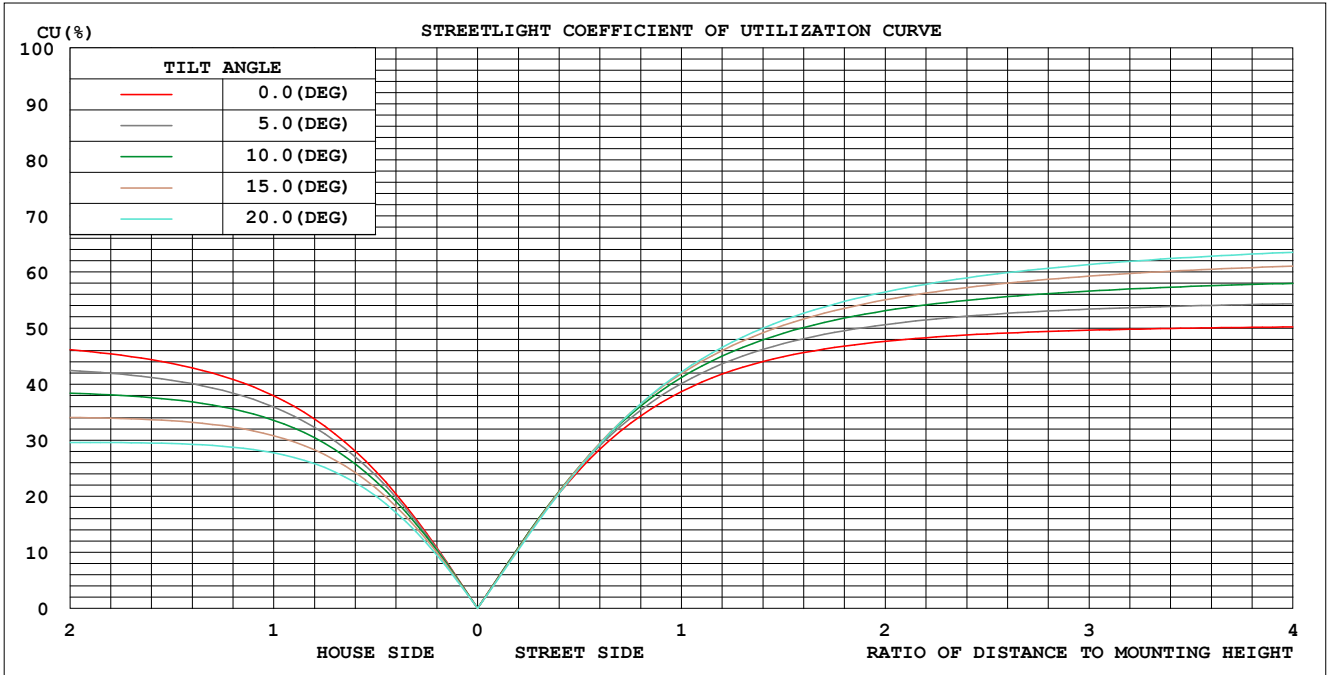
IES:Type VS - Very Short
 CIE:Narrow - Short
 IES:Cut-off
 CIE:Full cut-off
 Max.At80:29.11cd/klm
 Max.At90:1.020cd/klm
 Max.80-90:29.11cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	13029
90%	11726
80%	10423
70%	9120
60%	7818
50%	6515
40%	5212
30%	3909
20%	2606
10%	1303
5%	651

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2022-01-20

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.361
 Humidity:65.0%
 Test Distance:7.076m [K=1.0000]
 Remarks:

**COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM**



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2022-01-20

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.361
 Humidity: 65.0%
 Test Distance: 7.076m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

NAME: UFO-200W-5000K	TYPE:	WEIGHT:
SPEC.:	DIM.: 20cm	SERIAL No.:
MFR.: EVERFINE	SUR.: 0.23*0.23	Shielding Angle:

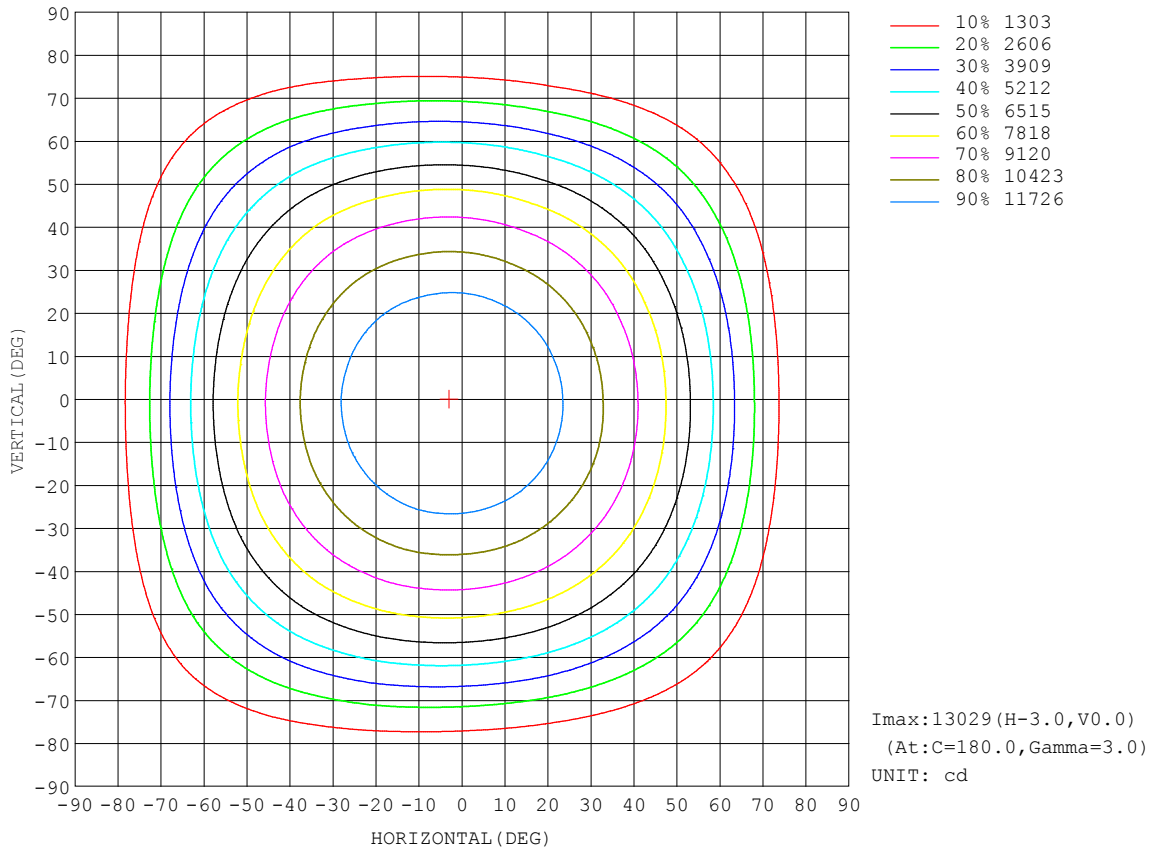
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1273	1278	1286	1291	1292	1288	1279	1273	0- 10	1233	1233	3.46, 3.46
20	1206	1217	1231	1243	1246	1234	1218	1207	10- 20	3555	4788	13.4, 13.4
30	1083	1105	1128	1147	1148	1129	1101	1082	20- 30	5429	10217	28.7, 28.7
40	927.9	951.9	982.4	1006	1007	985.2	951.2	925.2	30- 40	6537	16754	47, 47
50	723.2	757.6	800.2	829.4	830.0	797.6	752.5	719.1	40- 50	6768	23522	66, 66
60	479.4	521.8	569.9	603.5	601.1	565.0	510.9	474.9	50- 60	5907	29429	82.6, 82.6
70	212.6	250.8	297.5	335.1	330.0	291.9	241.7	209.2	60- 70	4019	33448	93.9, 93.9
80	26.47	46.60	77.52	100.8	98.20	73.70	42.47	24.79	70- 80	1658	35106	98.5, 98.5
90	1.144	1.054	2.126	3.396	3.585	2.398	1.460	1.606	80- 90	202.6	35309	99.1, 99.1
100	2.221	2.055	1.847	1.676	2.296	2.461	2.665	2.875	90-100	19.78	35328	99.1, 99.1
110	3.597	3.379	3.119	2.925	3.688	3.848	4.107	4.375	100-110	30.99	35359	99.2, 99.2
120	5.031	4.783	4.491	4.307	5.188	5.308	5.589	5.889	110-120	43.21	35403	99.4, 99.4
130	6.325	6.070	5.769	5.604	6.552	6.637	6.906	7.196	120-130	51.53	35454	99.5, 99.5
140	7.327	7.115	6.821	6.660	7.610	7.646	7.875	8.121	130-140	53.45	35508	99.7, 99.7
150	8.150	8.002	7.702	7.559	8.330	8.339	8.572	8.720	140-150	48.91	35556	99.8, 99.8
160	8.932	8.915	8.626	8.462	9.104	9.076	9.316	9.361	150-160	39.62	35596	99.9, 99.9
170	9.601	9.553	9.269	9.328	9.644	9.557	9.820	9.746	160-170	26.25	35622	100, 100
180	9.974	9.893	9.887	9.867	9.978	9.896	9.889	9.880	170-180	9.267	35632	100, 100
DEG	LUMINOUS INTENSITY: ×10cd									UNIT: lm		

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2022-01-20

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_v1 SYSTEM V2.0.361
 Humidity: 65.0%
 Test Distance: 7.076m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

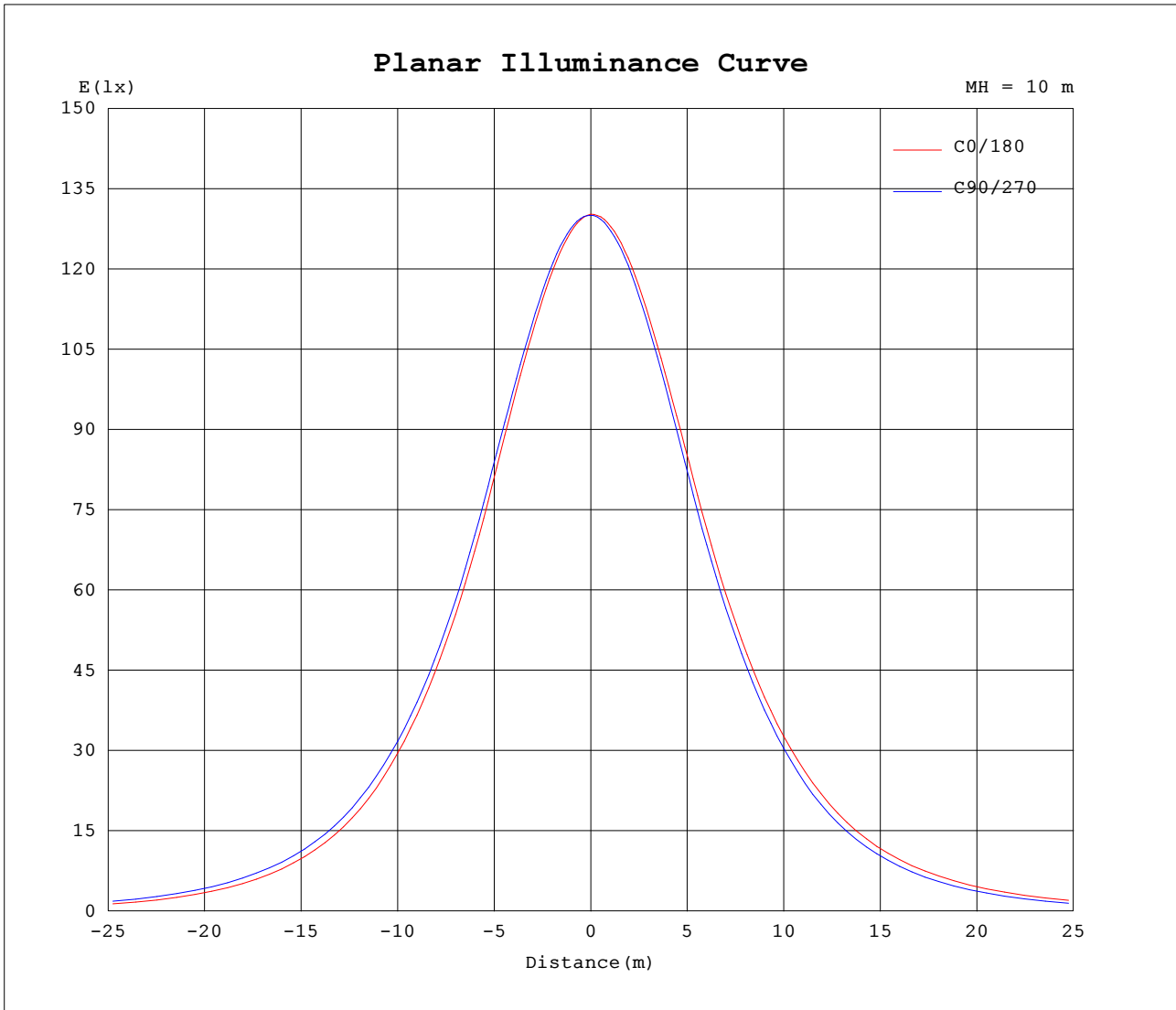
NAME: UFO-200W-5000K	TYPE:	WEIGHT:
SPEC.:	DIM.: 20cm	SERIAL No.:
MFR.: EVERFINE	SUR.:0.23*0.23	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2022-01-20

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.361
 Humidity:65.0%
 Test Distance:7.076m [K=1.0000]
 Remarks:

Planar Illuminance Curve



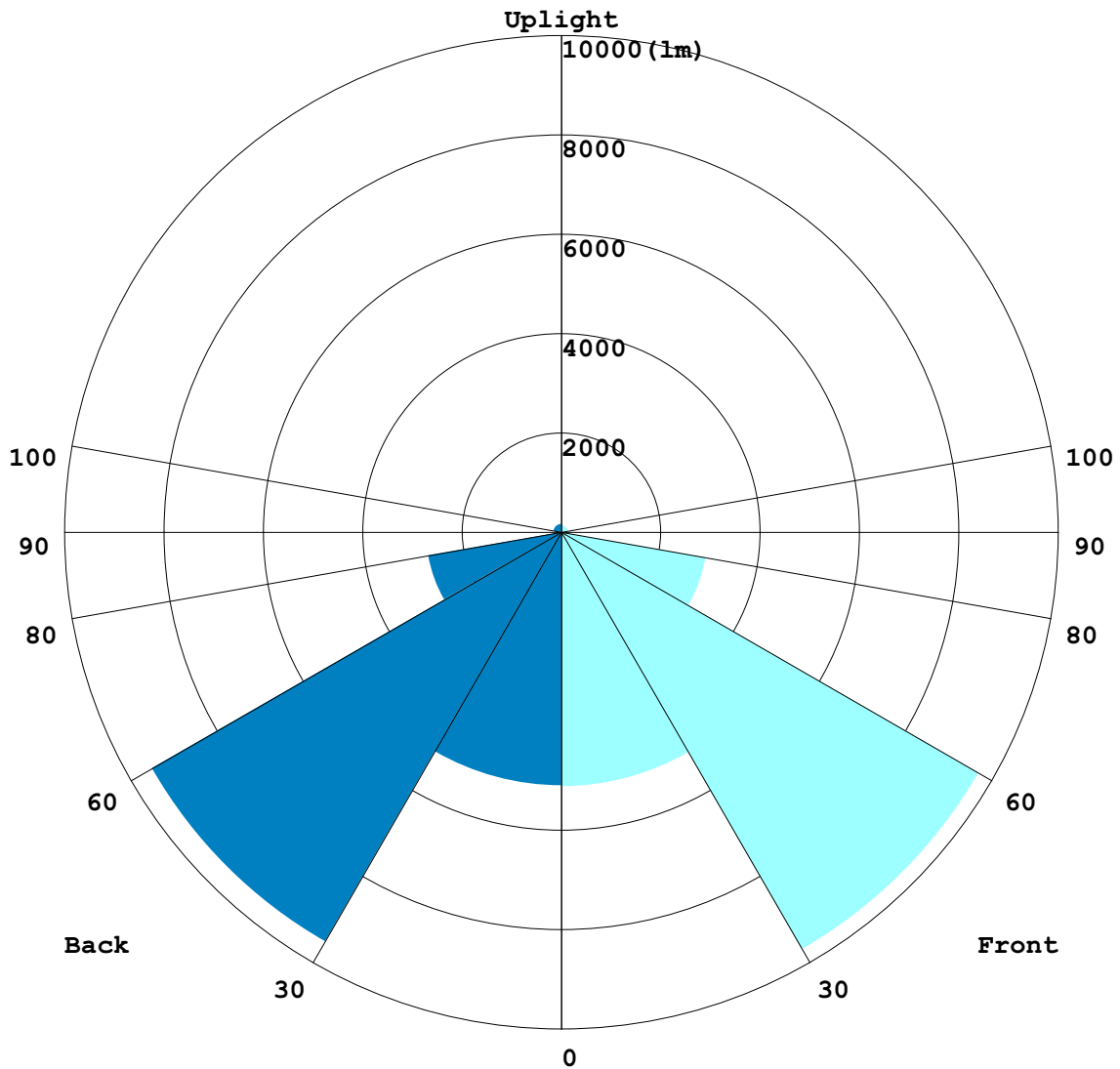
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2022-01-20

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.361
 Humidity: 65.0%
 Test Distance: 7.076m [K=1.0000]
 Remarks:

LCS REPORT

NAME: UFO-200W-5000K	TYPE:	WEIGHT:
SPEC.:	DIM.: 20cm	SERIAL No.:
MFR.: EVERFINE	SUR.:0.23*0.23	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2022-01-20

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.361
 Humidity:65.0%
 Test Distance:7.076m [K=1.0000]
 Remarks:

BUG REPORT

NAME: UFO-200W-5000K	TYPE:	WEIGHT:
SPEC.:	DIM.: 20cm	SERIAL No.:
MFR.: EVERFINE	SUR.:0.23*0.23	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	5119.3	14.4
FM - Front-Medium(30-60)	9698.8	27.2
FH - Front-High(60-80)	2956.2	8.3
FVH - Front-Very High(80-90)	114.33	0.3
Total Forward Light	18038	50.6

BL - Back-Low(0-30)	5097.8	14.3
BM - Back-Medium(30-60)	9512.7	26.7
BH - Back-High(60-80)	2721.1	7.6
BVH - Back-Very High(80-90)	88.289	0.2
Total Back Light	17594	49.4

UL - Uplight-Low(90-100)	19.777	0.1
UH - Uplight-High(100-180)	303.22	0.9
Total Up Light	323	0.9

BUG (Back, Up, Glare) Rating	B5-U3-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	17420	173.73	17594
Street Side	17889	149.27	18038

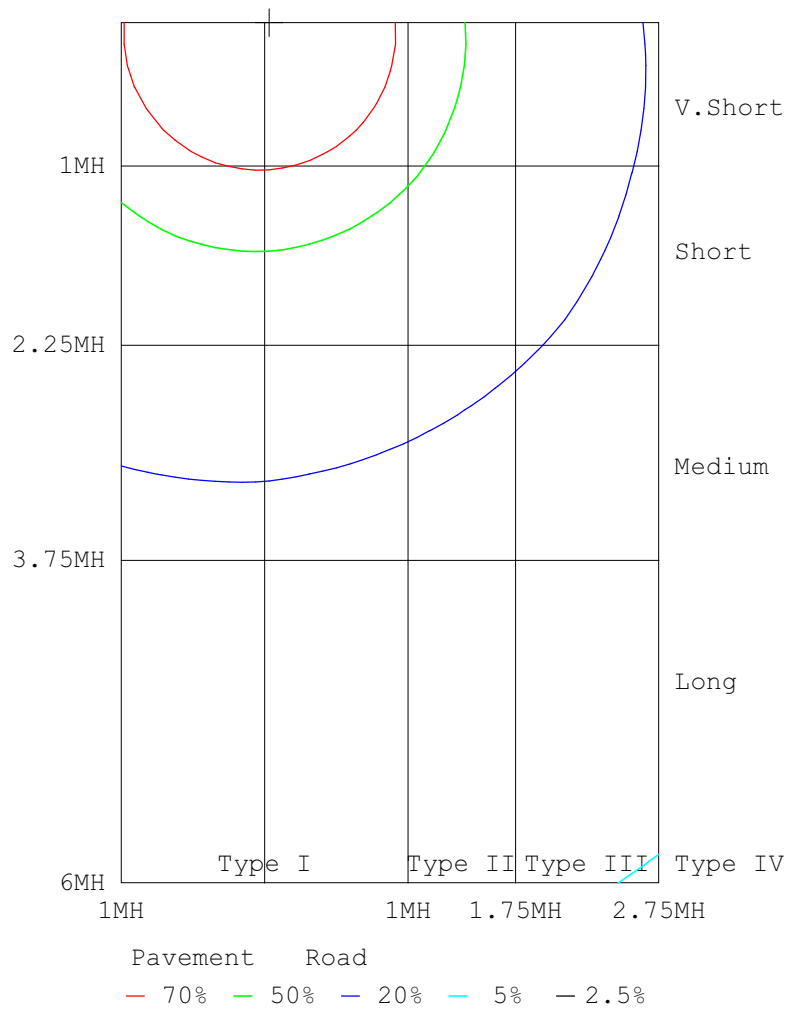
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2022-01-20

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.361
 Humidity:65.0%
 Test Distance:7.076m [K=1.0000]
 Remarks:

ROAD ISOCANDELA REPORT

NAME: UFO-200W-5000K	TYPE:	WEIGHT:
SPEC.:	DIM.: 20cm	SERIAL No.:
MFR.: EVERFINE	SUR.:0.23*0.23	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2022-01-20

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.361
 Humidity:65.0%
 Test Distance:7.076m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: UFO-200W-5000K	TYPE:	WEIGHT:
SPEC.:	DIM.: 20cm	SERIAL No.:
MFR.: EVERFINE	SUR.:0.23*0.23	Shielding Angle:

Table--1

UNIT: ×10cd

C (DEG) \ γ (DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	1303	1302	1301	1300	1301	1301	1301	1301	1303	1302	1301	1300	1301	1301	1301	1301			
5	1293	1293	1295	1296	1298	1299	1301	1302	1302	1301	1298	1297	1295	1293	1292	1292			
10	1273	1275	1278	1282	1286	1289	1291	1293	1292	1291	1288	1282	1279	1276	1273	1272			
15	1244	1248	1252	1258	1263	1269	1273	1274	1275	1271	1266	1259	1254	1248	1245	1244			
20	1206	1211	1217	1224	1231	1239	1243	1246	1246	1241	1234	1226	1218	1212	1207	1205			
25	1154	1161	1170	1180	1189	1199	1204	1206	1207	1200	1192	1178	1169	1158	1152	1150			
30	1083	1095	1105	1117	1128	1141	1147	1151	1148	1140	1129	1114	1101	1088	1082	1080			
35	1009	1021	1032	1047	1058	1072	1079	1083	1080	1072	1061	1044	1030	1016	1008	1005			
40	928	940	952	970	982	997	1006	1010	1007	998	985	967	951	934	925	921			
45	836	849	862	882	899	915	924	929	924	913	900	879	861	841	831	827			
50	723	741	758	780	800	818	829	833	830	815	798	772	752	730	719	714			
55	607	625	643	667	687	706	718	722	717	702	684	659	637	615	603	598			
60	479	498	522	549	570	591	604	607	601	586	565	536	511	486	475	470			
65	343	366	389	417	439	462	474	478	472	452	433	401	376	349	337	333			
70	213	230	251	276	297	322	335	339	330	311	292	264	242	217	209	204			
75	105	118	136	157	178	197	208	209	204	186	172	145	128	109	101	98.6			
80	26.5	35.5	46.6	61.5	77.5	92.6	101	104	98.2	85.1	73.7	54.6	42.5	29.6	24.8	23.1			
85	3.63	4.40	5.54	8.78	12.6	21.1	23.5	25.9	23.9	17.5	12.1	8.48	5.31	4.23	3.83	3.75			
90	1.14	1.09	1.05	1.48	2.13	2.95	3.40	3.63	3.59	3.05	2.40	1.69	1.46	1.55	1.61	1.66			
95	1.63	1.57	1.50	1.40	1.31	1.21	1.16	1.18	1.70	1.80	1.85	1.93	2.02	2.14	2.20	2.25			
100	2.22	2.14	2.05	1.95	1.85	1.73	1.68	1.68	2.30	2.40	2.46	2.56	2.67	2.80	2.87	2.93			
105	2.89	2.80	2.69	2.57	2.46	2.33	2.27	2.27	2.96	3.06	3.13	3.25	3.37	3.52	3.61	3.67			
110	3.60	3.50	3.38	3.23	3.12	2.99	2.93	2.92	3.69	3.77	3.85	3.98	4.11	4.27	4.38	4.45			
115	4.32	4.22	4.09	3.93	3.81	3.69	3.62	3.62	4.45	4.52	4.58	4.72	4.86	5.04	5.15	5.25			
120	5.03	4.93	4.78	4.62	4.49	4.38	4.31	4.31	5.19	5.24	5.31	5.46	5.59	5.77	5.89	6.00			
125	5.72	5.61	5.46	5.30	5.16	5.04	4.98	4.98	5.91	5.93	6.00	6.17	6.28	6.46	6.59	6.72			
130	6.33	6.20	6.07	5.94	5.77	5.66	5.60	5.60	6.55	6.55	6.64	6.80	6.91	7.07	7.20	7.35			
135	6.86	6.75	6.60	6.46	6.31	6.21	6.16	6.15	7.13	7.11	7.18	7.35	7.43	7.59	7.71	7.83			
140	7.33	7.23	7.12	6.98	6.82	6.70	6.66	6.65	7.61	7.57	7.65	7.80	7.88	8.01	8.12	8.24			
145	7.75	7.70	7.56	7.46	7.25	7.19	7.13	7.13	7.98	7.96	8.01	8.21	8.24	8.36	8.42	8.54			
150	8.15	8.15	8.00	7.88	7.70	7.67	7.56	7.57	8.33	8.37	8.34	8.54	8.57	8.69	8.72	8.83			
155	8.55	8.55	8.47	8.33	8.17	8.12	8.01	8.02	8.71	8.71	8.70	8.90	8.93	9.00	9.04	9.15			
160	8.93	8.92	8.91	8.76	8.63	8.53	8.46	8.47	9.10	9.01	9.08	9.25	9.32	9.29	9.36	9.47			
165	9.30	9.25	9.29	9.16	8.99	8.92	8.93	8.92	9.42	9.33	9.35	9.53	9.61	9.57	9.60	9.71			
170	9.60	9.58	9.55	9.40	9.27	9.31	9.33	9.26	9.64	9.62	9.56	9.68	9.82	9.79	9.75	9.80			
175	9.85	9.90	9.79	9.65	9.62	9.68	9.62	9.55	9.87	9.85	9.74	9.78	9.91	9.96	9.91	9.88			
180	9.97	10.0	9.89	9.86	9.89	9.97	9.87	9.85	9.98	10.0	9.90	9.86	9.89	9.96	9.88	9.86			

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2022-01-20

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.361
 Humidity:65.0%
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 Remarks: