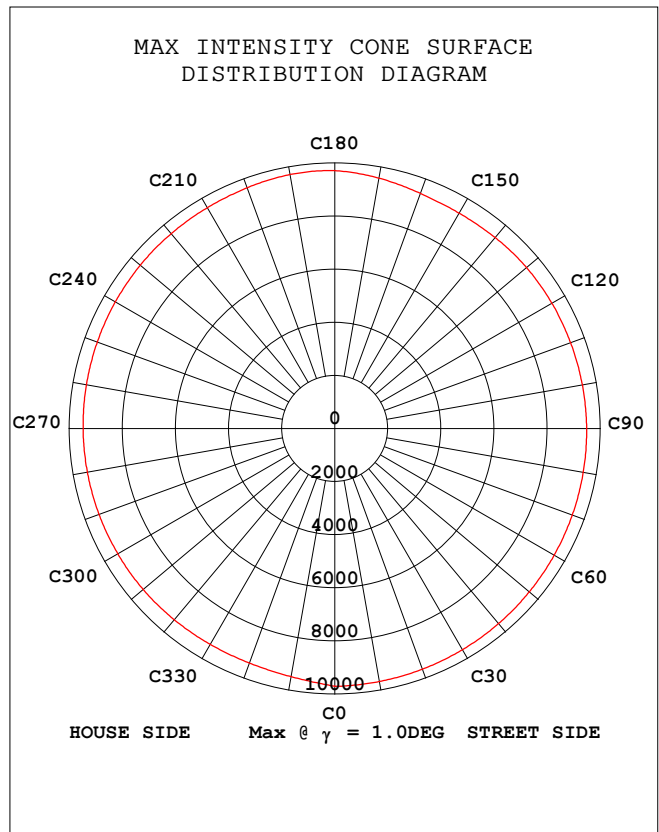
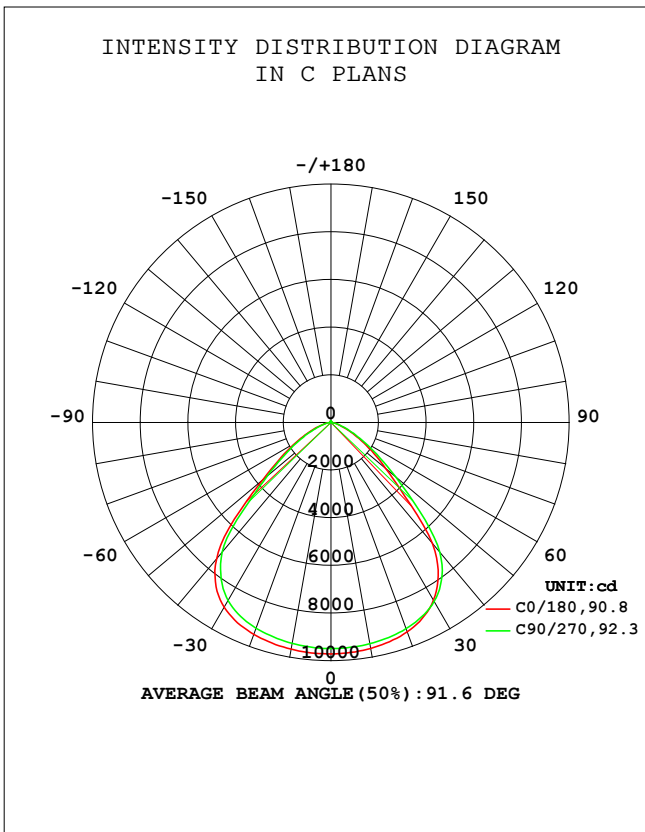


**PHOTOMETRIC TEST REPORT**

NAME: UFO-100W-5000K	TYPE:	WEIGHT:
SPEC.:	DIM.: 20cm	SERIAL No.:
MFR.: EVERFINE	SUR.: 0.18*0.18	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 196.93 lm/W			
MODEL	UFO-100W-5000K	Imax (cd)	9712	$\eta$ street_up (%)	0.4
NOMINAL POWER (W)	100	LOR (%)	100.0	$\eta$ street_down (%)	49.3
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	20249	$\eta$ house_up (%)	0.5
NOMINAL FLUX (lm)	168.739	MAXIMUM @ (C, $\gamma$ )	180, 1.0	$\eta$ house_down (%)	49.8
LAMPS INSIDE	120	$\eta$ up (%)	0.9	76 FLASHAREA (m2)	0.05000
TEST VOLTAGE (V)	220	$\eta$ down (%)	99.1	SLI	19.602

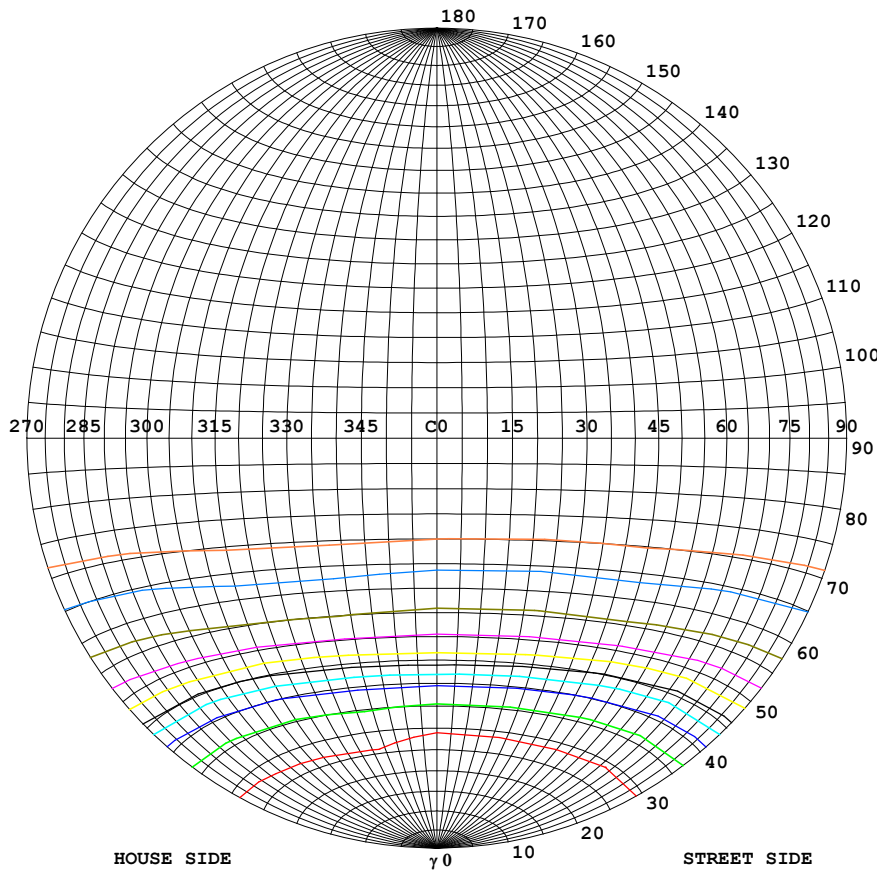


C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: DAMIN  
 Test Date: 2022-01-20

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.361  
 Humidity: 65.0%  
 Test Distance: 6.976m [K=1.0000]  
 Remarks:

**ISOCANDELA DIAGRAM**

NAME: UFO-100W-5000K	TYPE:	WEIGHT:
SPEC.:	DIM.: 20cm	SERIAL No.:
MFR.: EVERFINE	SUR.: 0.18*0.18	Shielding Angle:



**Classification:**

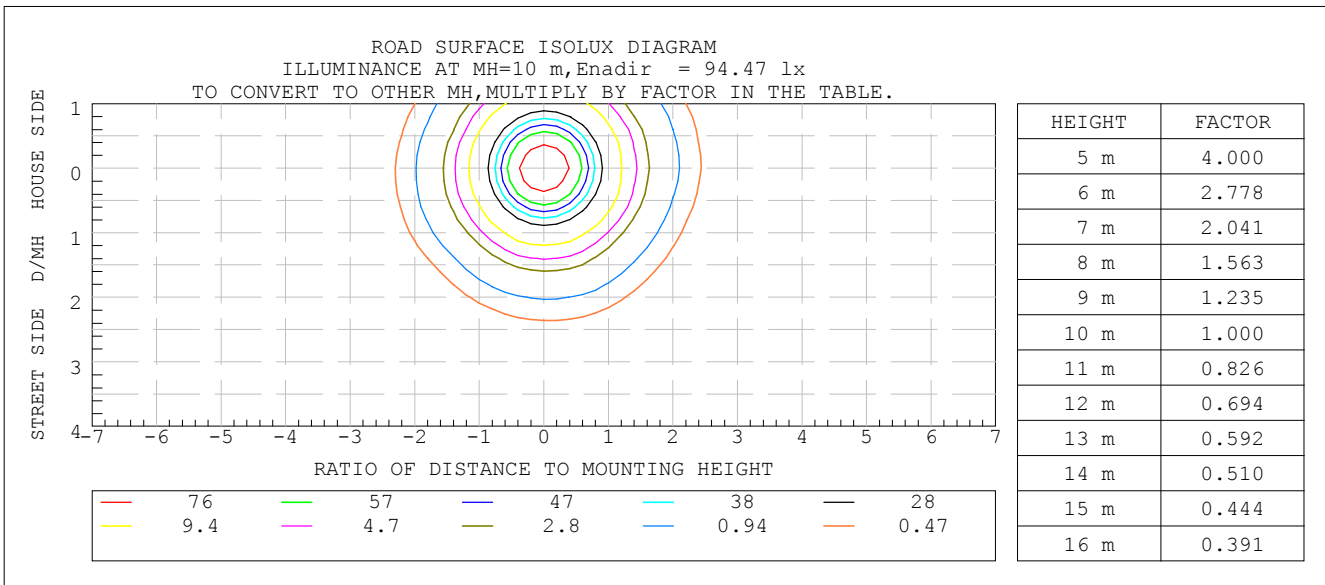
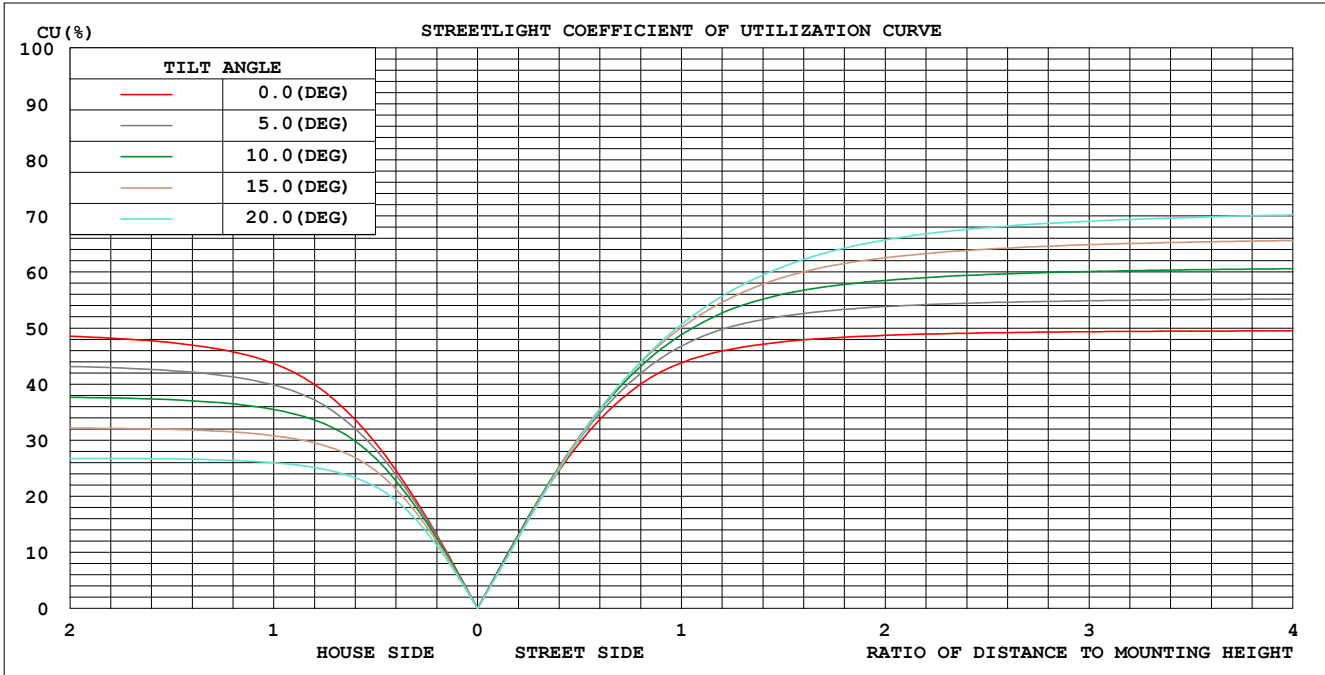
IES:Type V - Very Short  
 CIE:Narrow - Short  
 IES:Cut-off  
 CIE:Full cut-off  
 Max.At80:7.552cd/klm  
 Max.At90:0.2175cd/klm  
 Max.80-90:7.552cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	9712
90%	8740
80%	7769
70%	6798
60%	5827
50%	4856
40%	3885
30%	2913
20%	1942
10%	971
5%	486

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

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.361  
 Humidity:65.0%  
 Test Distance:6.976m [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

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.361  
Humidity: 65.0%  
Test Distance: 6.976m [K=1.0000]  
Remarks:

**ZONAL FLUX DIAGRAM**

<b>NAME:</b> UFO-100W-5000K	<b>TYPE:</b>	<b>WEIGHT:</b>
<b>SPEC.:</b>	<b>DIM.:</b> 20cm	<b>SERIAL No.:</b>
<b>MFR.:</b> EVERFINE	<b>SUR.:</b> 0.18*0.18	<b>Shielding Angle:</b>

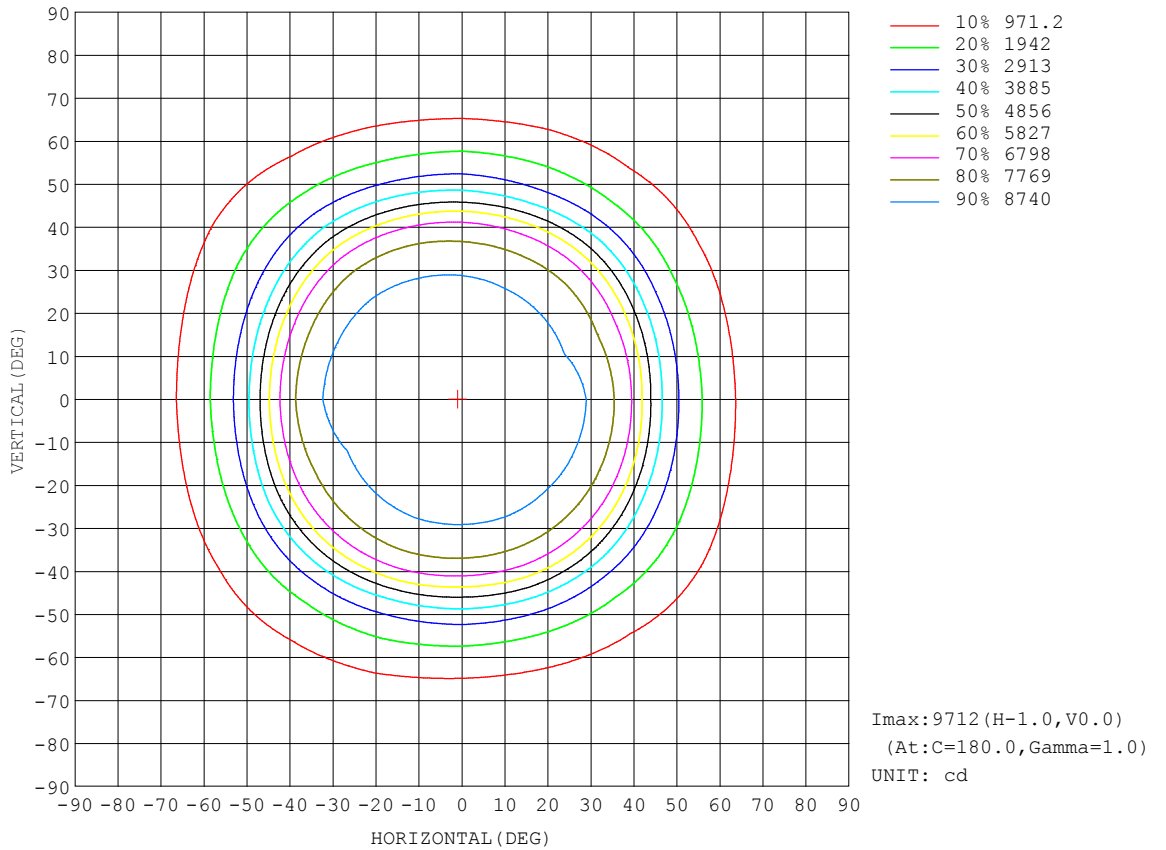
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	9628	9506	9429	9367	9656	9519	9415	9338	0- 10	906.0	906.0	4.47, 4.47
20	9348	9253	9209	9176	9464	9313	9186	9086	10- 20	2650	3556	17.6, 17.6
30	8617	8599	8668	8690	8962	8828	8636	8466	20- 30	4155	7711	38.1, 38.1
40	6625	6828	7110	7252	7474	7396	7107	6785	30- 40	5001	12712	62.8, 62.8
50	3012	3165	3528	3606	3728	3724	3473	3078	40- 50	3997	16709	82.5, 82.5
60	1368	1325	1544	1472	1724	1540	1586	1237	50- 60	2067	18777	92.7, 92.7
70	483.6	471.1	558.8	553.7	665.5	555.8	580.7	449.6	60- 70	944.2	19721	97.4, 97.4
80	66.51	73.20	103.8	116.9	152.9	123.2	96.07	66.47	70- 80	315.2	20036	98.9, 98.9
90	2.599	2.380	2.335	2.355	4.403	3.711	3.549	3.613	80- 90	26.15	20062	99.1, 99.1
100	6.513	6.207	5.896	5.022	7.633	7.913	8.682	8.991	90-100	5.135	20067	99.1, 99.1
110	14.37	13.95	13.11	11.85	16.24	16.73	17.87	18.55	100-110	11.48	20079	99.2, 99.2
120	25.59	24.99	23.69	22.21	28.07	28.57	29.86	30.84	110-120	20.63	20099	99.3, 99.3
130	37.61	36.57	35.00	33.58	40.76	40.91	42.12	43.33	120-130	29.30	20129	99.4, 99.4
140	47.73	46.32	44.61	43.28	51.35	51.10	52.26	53.18	130-140	33.87	20163	99.6, 99.6
150	55.24	54.15	52.34	50.65	58.80	58.55	59.69	59.75	140-150	32.97	20196	99.7, 99.7
160	62.52	62.33	59.85	57.72	65.07	64.83	66.12	65.58	150-160	27.42	20223	99.9, 99.9
170	71.37	70.50	67.84	67.41	72.53	70.95	72.11	71.26	160-170	18.78	20242	100, 100
180	76.55	75.08	74.38	73.78	77.03	75.41	74.63	73.96	170-180	6.901	20249	100, 100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

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

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_v1 SYSTEM V2.0.361  
 Humidity: 65.0%  
 Test Distance: 6.976m [K=1.0000]  
 Remarks:

**ISOCANDELA DIAGRAM**

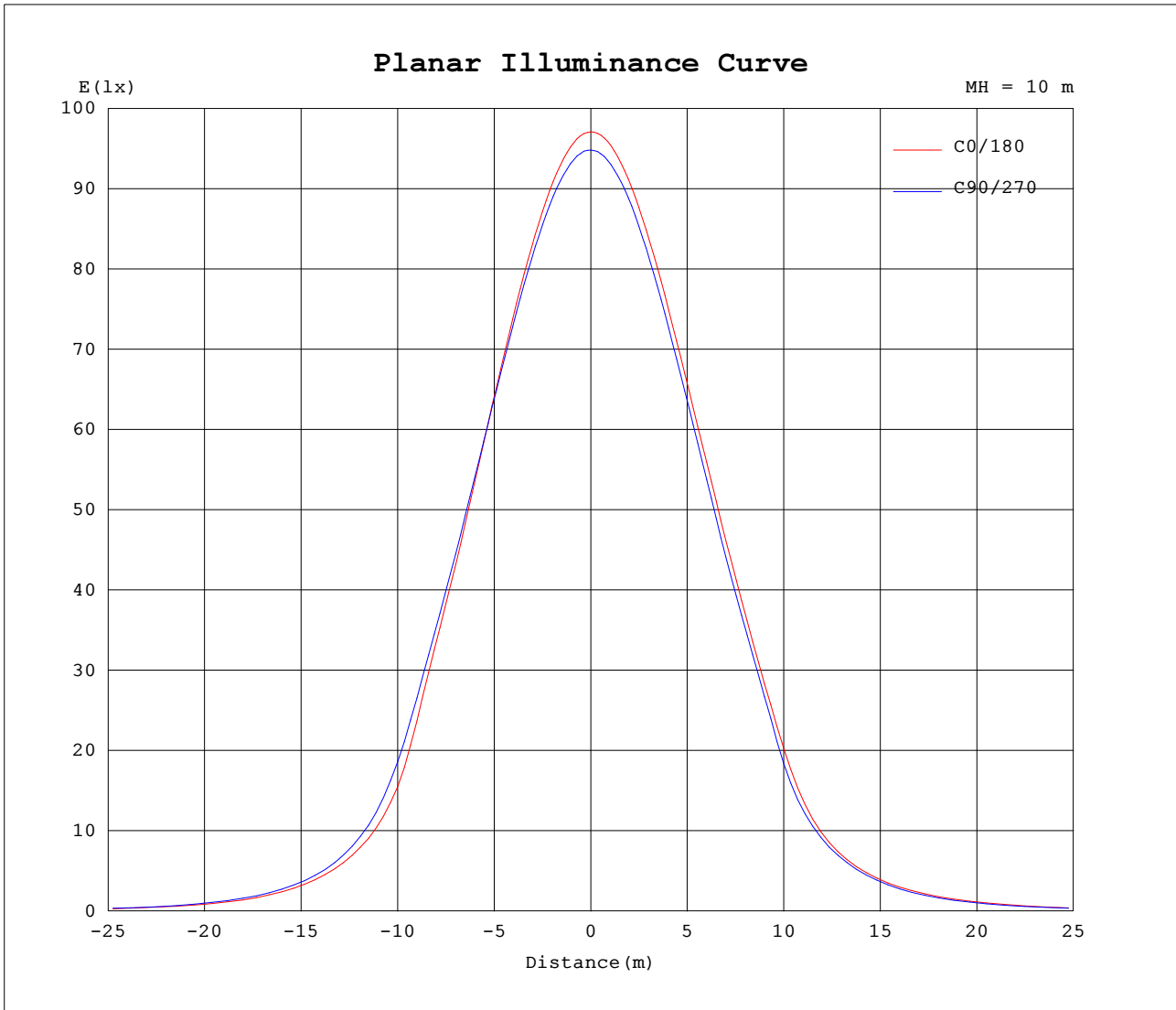
NAME: UFO-100W-5000K	TYPE:	WEIGHT:
SPEC.:	DIM.: 20cm	SERIAL No.:
MFR.: EVERFINE	SUR.:0.18*0.18	Shielding Angle:



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:6.976m [K=1.0000]  
 Remarks:

**Planar Illuminance Curve**



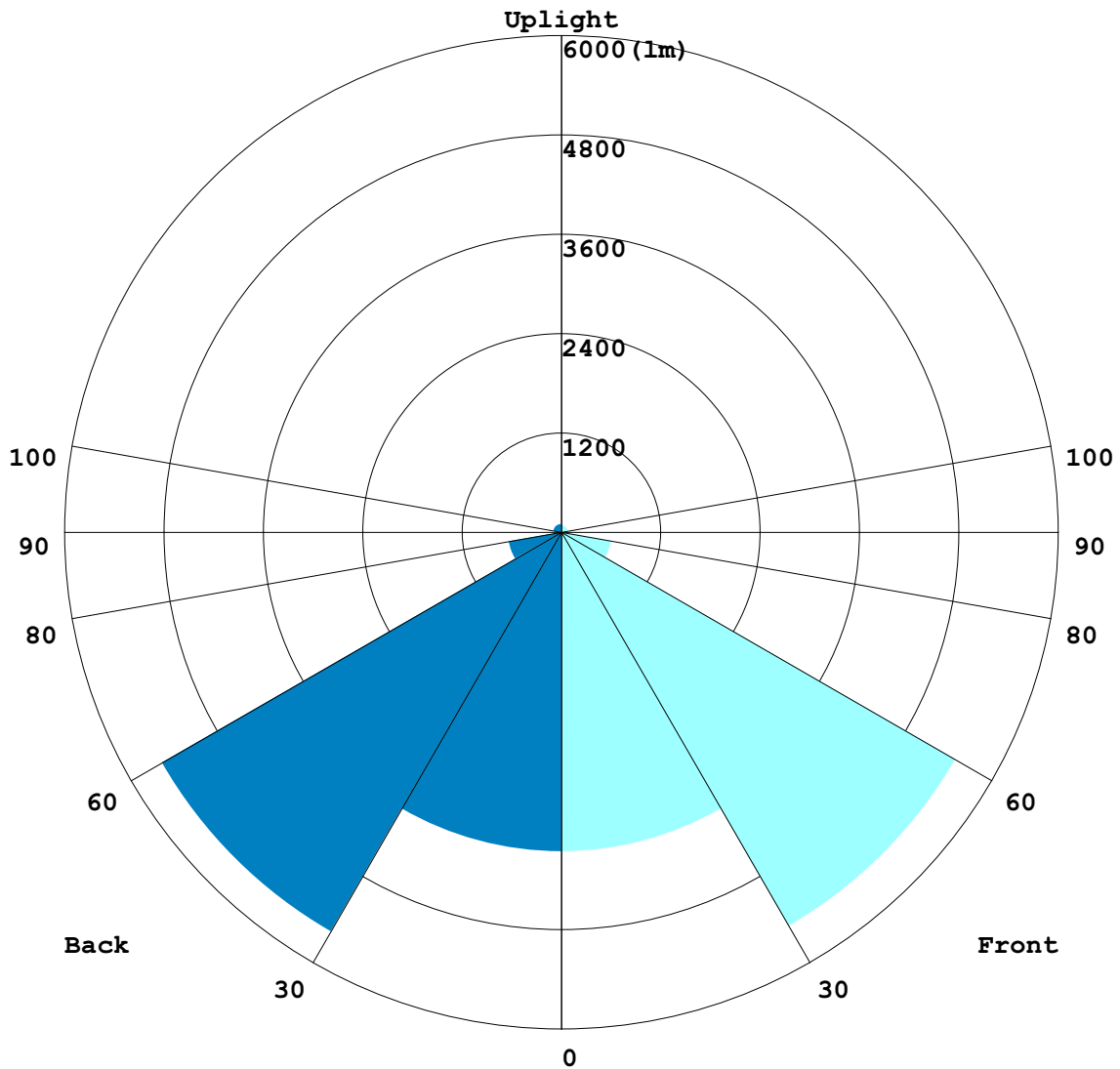
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: DAMIN  
 Test Date: 2022-01-20

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.361  
 Humidity: 65.0%  
 Test Distance: 6.976m [K=1.0000]  
 Remarks:

**LCS REPORT**

NAME: UFO-100W-5000K	TYPE:	WEIGHT:
SPEC.:	DIM.: 20cm	SERIAL No.:
MFR.: EVERFINE	SUR.:0.18*0.18	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

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.361  
 Humidity:65.0%  
 Test Distance:6.976m [K=1.0000]  
 Remarks:

**BUG REPORT**

NAME: UFO-100W-5000K	TYPE:	WEIGHT:
SPEC.:	DIM.: 20cm	SERIAL No.:
MFR.: EVERFINE	SUR.:0.18*0.18	Shielding Angle:

**IESNA Luminaire Flux Distribution Table:**

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	3855.1	19.0
FM - Front-Medium(30-60)	5495	27.1
FH - Front-High(60-80)	615.77	3.0
FVH - Front-Very High(80-90)	12.197	0.1
<b>Total Forward Light</b>	<b>10064</b>	<b>49.7</b>

BL - Back-Low(0-30)	3856.1	19.0
BM - Back-Medium(30-60)	5570.4	27.5
BH - Back-High(60-80)	643.65	3.2
BVH - Back-Very High(80-90)	13.956	0.1
<b>Total Back Light</b>	<b>10185</b>	<b>50.3</b>

UL - Uplight-Low(90-100)	5.1349	0.0
UH - Uplight-High(100-180)	181.36	0.9
<b>Total Up Light</b>	<b>186.49</b>	<b>0.9</b>

<b>BUG (Back, Up, Glare) Rating</b>	<b>B4-U3-G1</b>
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	10084	100.8	10185
Street Side	9978.1	85.688	10064

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

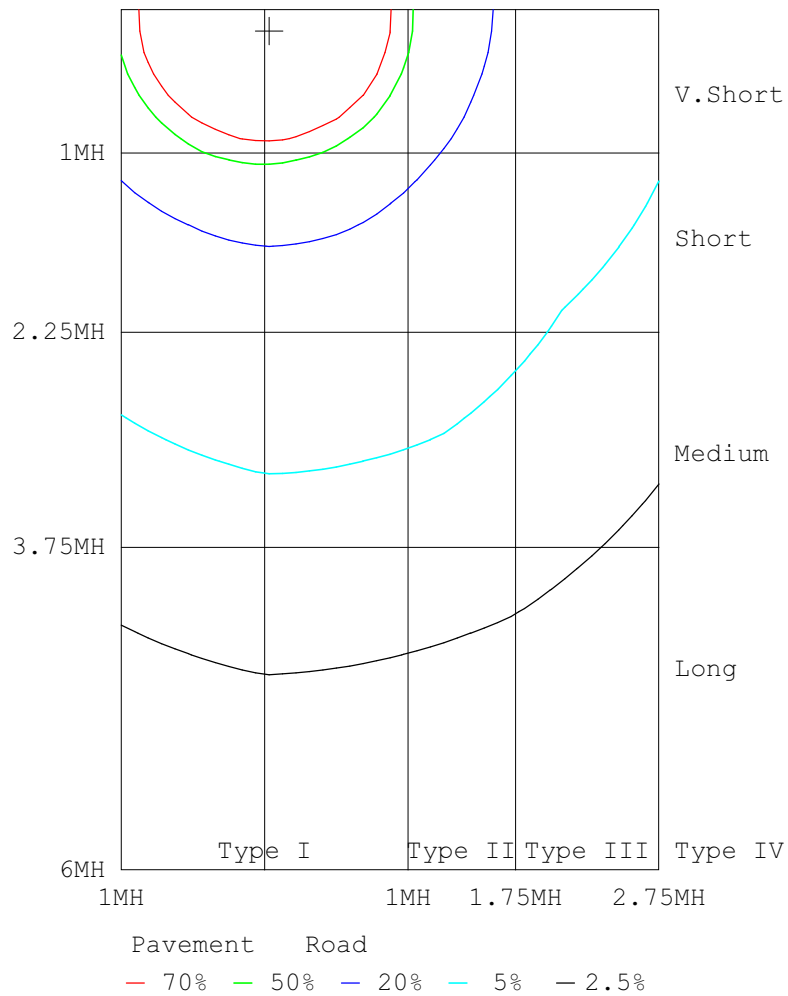
γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.361  
 Humidity:65.0%  
 Test Distance:6.976m [K=1.0000]  
 Remarks:



**ROAD ISOCANDELA REPORT**

NAME: UFO-100W-5000K	TYPE:	WEIGHT:
SPEC.:	DIM.: 20cm	SERIAL No.:
MFR.: EVERFINE	SUR.:0.18*0.18	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

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.361  
 Humidity:65.0%  
 Test Distance:6.976m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: UFO-100W-5000K	TYPE:	WEIGHT:
SPEC.:	DIM.: 20cm	SERIAL No.:
MFR.: EVERFINE	SUR.: 0.18*0.18	Shielding Angle:

Table--1

UNIT: cd

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	9710	9637	9577	9527	9484	9448	9421	9394	9710	9637	9577	9527	9484	9448	9421	9394			
5	9687	9616	9562	9513	9472	9439	9407	9386	9702	9626	9563	9510	9465	9424	9396	9368			
10	9628	9563	9506	9463	9429	9396	9367	9343	9656	9578	9519	9458	9415	9371	9338	9307			
15	9519	9463	9405	9374	9342	9319	9291	9270	9582	9499	9435	9369	9322	9273	9242	9206			
20	9348	9302	9253	9233	9209	9203	9176	9153	9464	9381	9313	9244	9186	9124	9086	9051			
25	9075	9032	9004	9007	9003	9015	8992	8969	9274	9188	9129	9046	8977	8897	8847	8798			
30	8617	8599	8599	8648	8668	8697	8690	8676	8962	8879	8828	8725	8636	8527	8466	8383			
35	7849	7873	7928	8030	8094	8147	8142	8164	8409	8321	8287	8173	8033	7902	7835	7697			
40	6625	6707	6828	7020	7110	7226	7252	7319	7474	7392	7396	7261	7107	6911	6785	6599			
45	4395	4577	4901	5210	5264	5460	5595	5730	5742	5667	5645	5414	5206	4966	4784	4501			
50	3012	3047	3165	3386	3528	3472	3606	3777	3728	3683	3724	3594	3473	3188	3078	2947			
55	2082	2100	2063	2234	2363	2379	2309	2426	2540	2502	2433	2355	2388	2185	1961	1921			
60	1368	1401	1325	1430	1544	1589	1472	1542	1724	1706	1540	1542	1586	1463	1237	1225			
65	846	870	817	895	961	1007	932	948	1114	1098	956	990	996	921	766	758			
70	484	502	471	519	559	598	554	560	666	659	556	581	581	536	450	436			
75	246	256	245	269	291	322	299	303	365	357	304	307	308	278	236	218			
80	66.5	69.8	73.2	80.0	104	118	117	128	153	145	123	117	96.1	86.6	66.5	58.3			
85	8.80	9.31	9.37	10.4	11.2	13.5	14.9	16.2	18.4	17.0	15.2	13.2	12.2	10.4	9.48	9.04			
90	2.60	2.52	2.38	2.31	2.34	2.26	2.36	2.91	4.40	4.06	3.71	3.41	3.55	3.67	3.61	3.78			
95	4.16	4.05	3.90	3.78	3.76	3.42	3.10	3.02	5.00	5.05	5.06	5.35	5.63	5.77	5.78	6.03			
100	6.51	6.37	6.21	6.00	5.90	5.41	5.02	4.84	7.63	7.77	7.91	8.33	8.68	8.90	8.99	9.33			
105	9.90	9.71	9.55	9.21	8.97	8.36	7.89	7.57	11.4	11.6	11.8	12.4	12.8	13.1	13.3	13.7			
110	14.4	14.1	14.0	13.5	13.1	12.4	11.8	11.4	16.2	16.5	16.7	17.4	17.9	18.3	18.6	19.0			
115	19.7	19.4	19.2	18.7	18.1	17.3	16.7	16.2	21.9	22.1	22.5	23.2	23.7	24.2	24.5	25.0			
120	25.6	25.2	25.0	24.4	23.7	22.8	22.2	21.6	28.1	28.2	28.6	29.3	29.9	30.5	30.8	31.4			
125	31.7	31.2	30.9	30.2	29.4	28.6	28.0	27.4	34.5	34.5	34.9	35.6	36.2	36.8	37.3	37.9			
130	37.6	37.0	36.6	35.9	35.0	34.2	33.6	33.1	40.8	40.6	40.9	41.6	42.1	42.8	43.3	44.0			
135	43.0	42.3	41.6	40.9	40.0	39.4	38.7	38.3	46.4	46.2	46.3	47.0	47.4	48.3	48.7	49.4			
140	47.7	47.1	46.3	45.5	44.6	44.0	43.3	42.8	51.4	51.1	51.1	51.7	52.3	52.9	53.2	53.9			
145	51.8	51.5	50.3	50.0	48.6	48.2	47.3	46.9	55.4	55.2	55.2	56.2	56.3	56.8	56.7	57.5			
150	55.2	55.5	54.2	53.6	52.3	52.0	50.7	50.4	58.8	58.9	58.6	59.6	59.7	60.2	59.8	60.5			
155	58.6	58.8	58.0	57.4	55.9	55.1	53.9	53.8	61.9	61.5	61.6	62.7	62.8	62.6	62.5	63.2			
160	62.5	62.5	62.3	61.3	59.9	58.6	57.7	57.4	65.1	64.1	64.8	65.8	66.1	65.2	65.6	66.1			
165	67.1	66.8	66.7	65.9	64.1	63.0	62.7	62.1	69.0	67.7	68.1	69.0	69.4	68.6	68.7	69.3			
170	71.4	71.2	70.5	69.3	67.8	67.8	67.4	66.5	72.5	71.5	70.9	71.4	72.1	71.5	71.3	71.3			
175	74.9	75.1	73.6	72.6	71.9	72.1	71.2	70.7	75.5	74.5	73.6	73.2	74.0	73.9	73.5	73.1			
180	76.5	76.9	75.1	74.9	74.4	74.8	73.8	73.7	77.0	76.5	75.4	74.6	74.6	74.6	74.0	73.6			

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: 6.976m [K=1.0000]  
 Remarks: