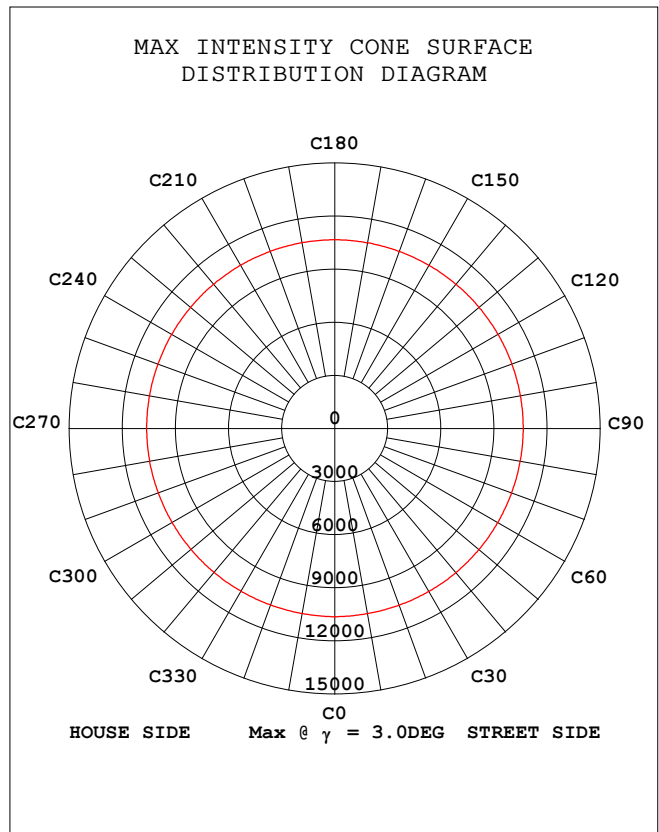
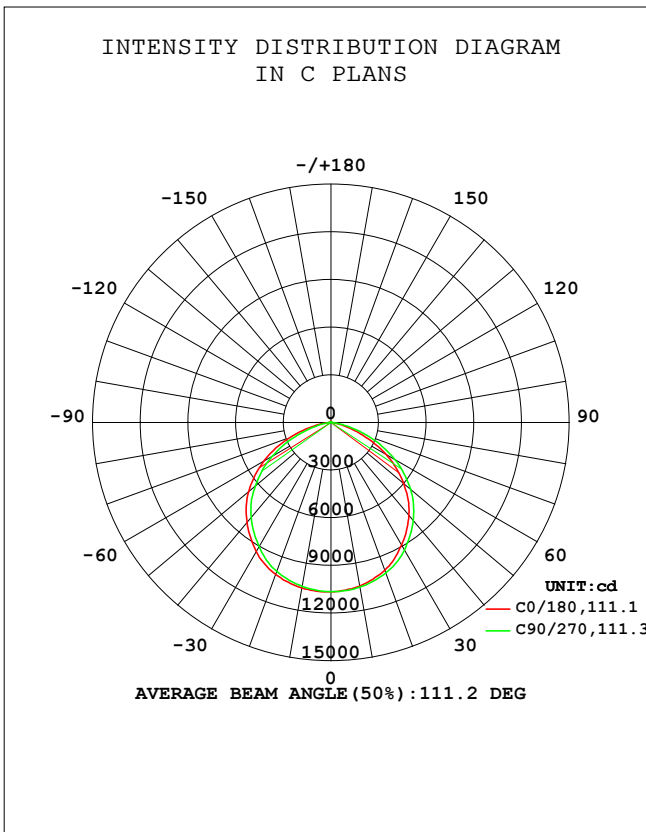


PHOTOMETRIC TEST REPORT

NAME: UFO-150W-5000K	TYPE:	WEIGHT:
SPEC.:	DIM.: 20cm	SERIAL No.:
MFR.: EVERFINE	SUR.:0.23*0.23	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 193.32 lm/W			
MODEL	UFO-150W-5000K	Imax (cd)	10667	η street_up (%)	0.4
NOMINAL POWER (W)	150	LOR (%)	100.0	η street_down (%)	50.0
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	29242	η house_up (%)	0.5
NOMINAL FLUX (lm)	121.843	MAXIMUM @ (C, γ)	180,3.0	η house_down (%)	49.1
LAMPS INSIDE	240	η up (%)	0.9	76 FLASHAREA (m2)	0.05000
TEST VOLTAGE (V)	220	η down (%)	99.1	SLI	21.411

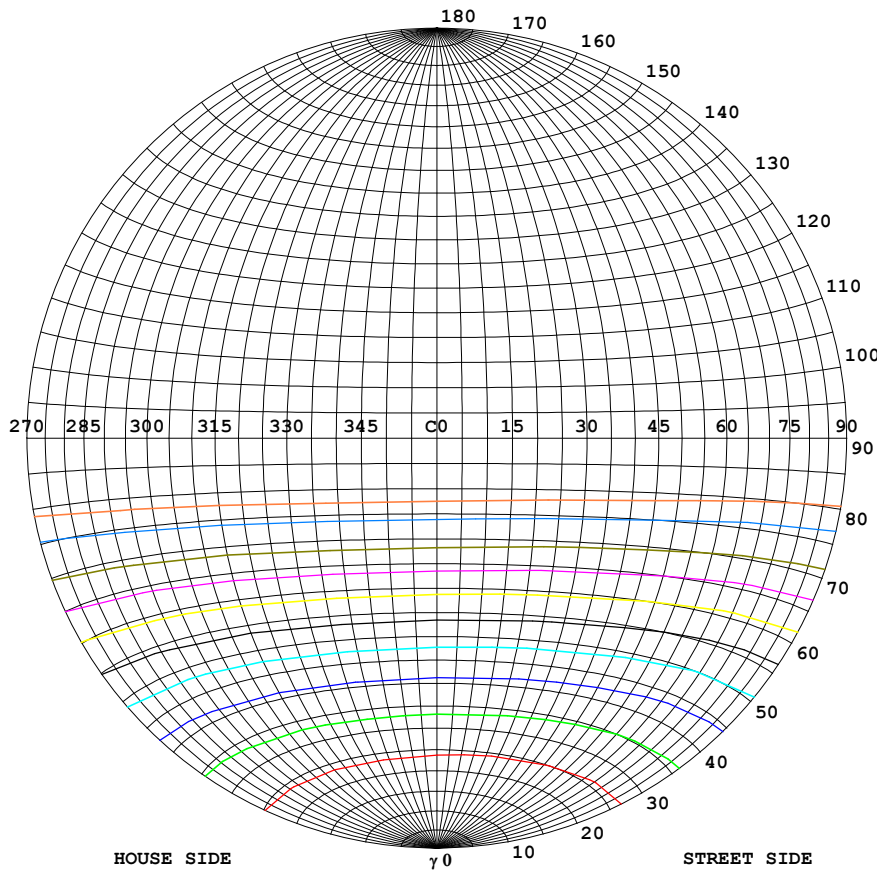


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2022-01-19

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:

ISOCANDELA DIAGRAM

NAME: UFO-150W-5000K	TYPE:	WEIGHT:
SPEC.:	DIM.: 20cm	SERIAL No.:
MFR.: EVERFINE	SUR.: 0.23*0.23	Shielding Angle:



Classification:

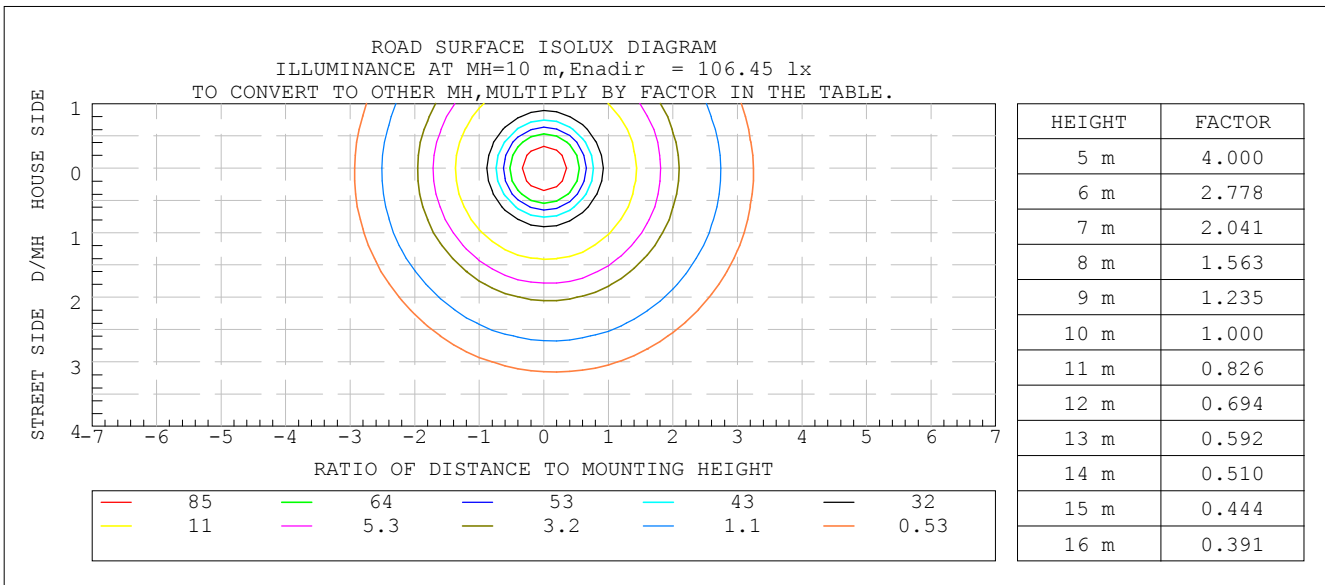
IES:Type V - Very Short
 CIE:Narrow - Short
 IES:Cut-off
 CIE:Full cut-off
 Max.At80:27.48cd/klm
 Max.At90:0.8850cd/klm
 Max.80-90:27.48cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	10667
90%	9600
80%	8534
70%	7467
60%	6400
50%	5334
40%	4267
30%	3200
20%	2133
10%	1067
5%	533

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2022-01-19

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:

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: 2022-01-19

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:

ZONAL FLUX DIAGRAM

NAME: UFO-150W-5000K	TYPE:	WEIGHT:
SPEC.:	DIM.: 20cm	SERIAL No.:
MFR.: EVERFINE	SUR.: 0.23*0.23	Shielding Angle:

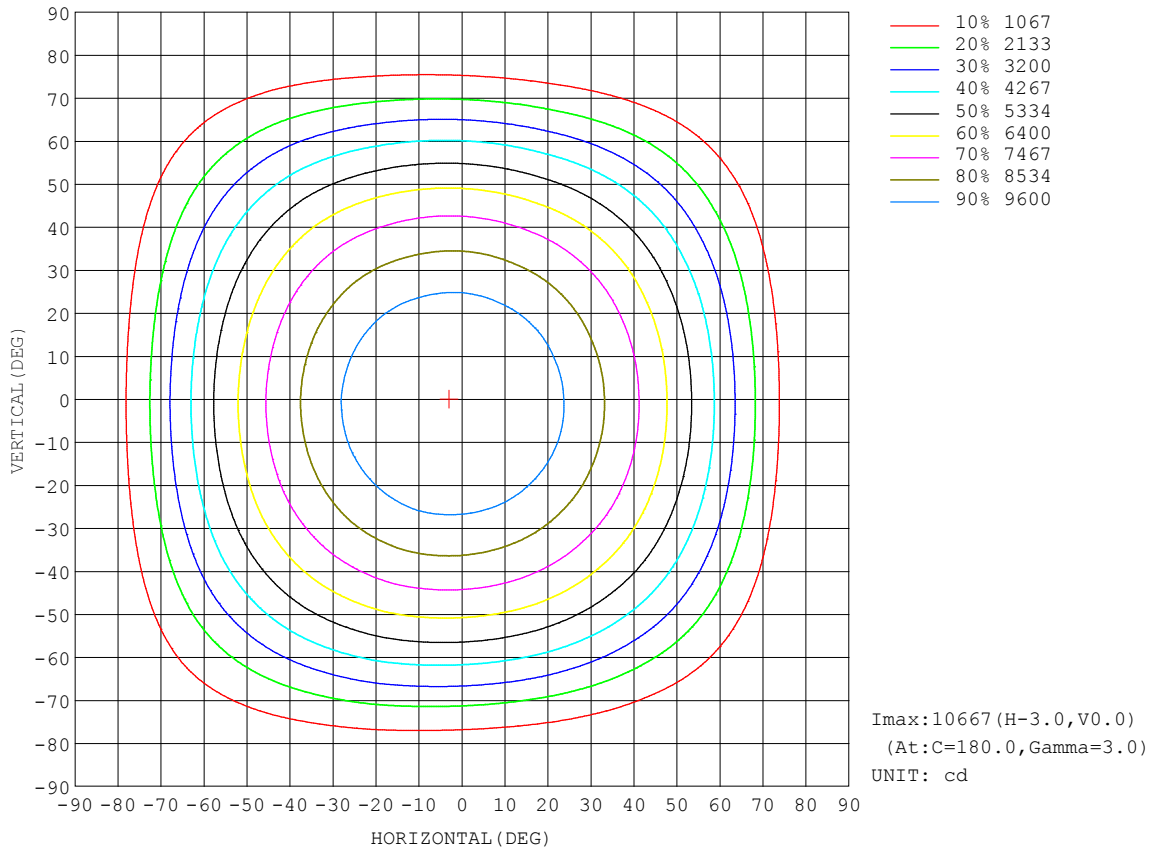
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1045	1048	1052	1057	1058	1053	1048	1043	0- 10	1010	1010	3.45, 3.45
20	990.6	997.4	1009	1016	1018	1009	998.3	989.8	10- 20	2911	3921	13.4, 13.4
30	890.0	904.4	926.4	940.7	940.4	924.1	903.3	890.0	20- 30	4448	8369	28.6, 28.6
40	763.9	779.8	806.1	824.1	823.1	806.4	782.3	763.3	30- 40	5361	13730	47, 47
50	597.6	618.3	654.6	678.5	677.9	654.6	622.0	597.6	40- 50	5556	19287	66, 66
60	398.0	423.1	464.1	490.8	489.7	466.1	428.4	399.9	50- 60	4856	24143	82.6, 82.6
70	176.5	201.2	240.7	269.7	269.7	242.4	206.8	182.0	60- 70	3315	27457	93.9, 93.9
80	23.36	35.00	58.66	76.89	77.67	61.10	40.19	25.51	70- 80	1366	28823	98.6, 98.6
90	0.8952	0.8076	1.433	2.155	2.588	1.962	1.178	1.239	80- 90	159.5	28983	99.1, 99.1
100	1.798	1.656	1.480	1.361	1.776	1.911	2.129	2.286	90-100	15.22	28998	99.2, 99.2
110	2.913	2.725	2.516	2.380	2.921	3.074	3.327	3.523	100-110	24.82	29023	99.2, 99.2
120	4.073	3.856	3.633	3.504	4.134	4.281	4.547	4.761	110-120	34.85	29057	99.4, 99.4
130	5.114	4.900	4.683	4.547	5.226	5.366	5.621	5.814	120-130	41.64	29099	99.5, 99.5
140	5.951	5.748	5.537	5.409	6.075	6.198	6.407	6.549	130-140	43.22	29142	99.7, 99.7
150	6.620	6.461	6.221	6.108	6.648	6.751	6.937	7.008	140-150	39.49	29182	99.8, 99.8
160	7.236	7.198	6.933	6.798	7.264	7.328	7.494	7.489	150-160	31.89	29214	99.9, 99.9
170	7.789	7.754	7.504	7.501	7.793	7.750	7.913	7.847	160-170	21.12	29235	100, 100
180	8.115	8.056	8.022	7.996	8.117	8.054	8.025	8.002	170-180	7.504	29242	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: 2022-01-19

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:

ISOCANDELA DIAGRAM

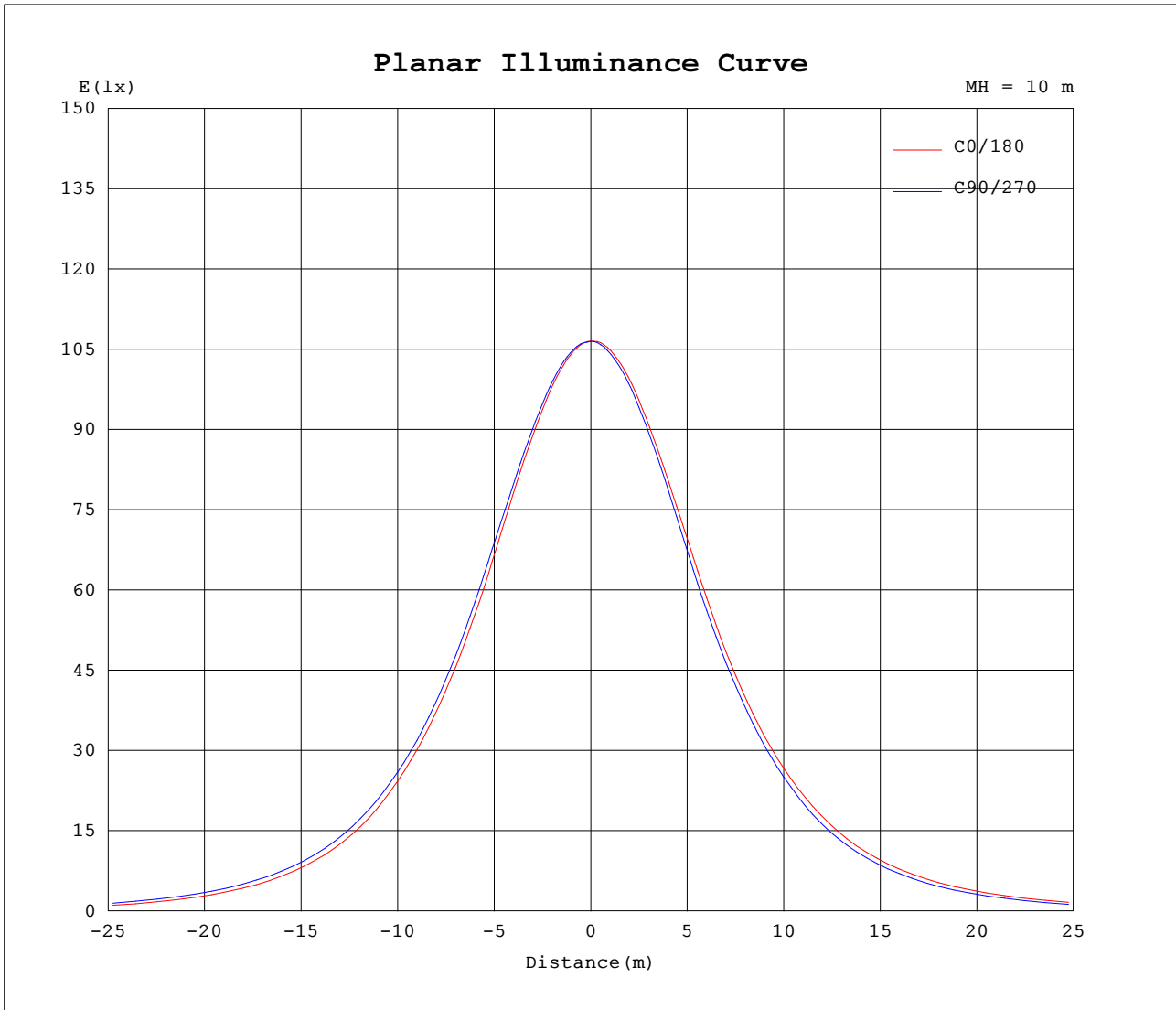
NAME: UFO-150W-5000K	TYPE:	WEIGHT:
SPEC.:	DIM.: 20cm	SERIAL No.:
MFR.: EVERFINE	SUR.:0.23*0.23	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2022-01-19

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



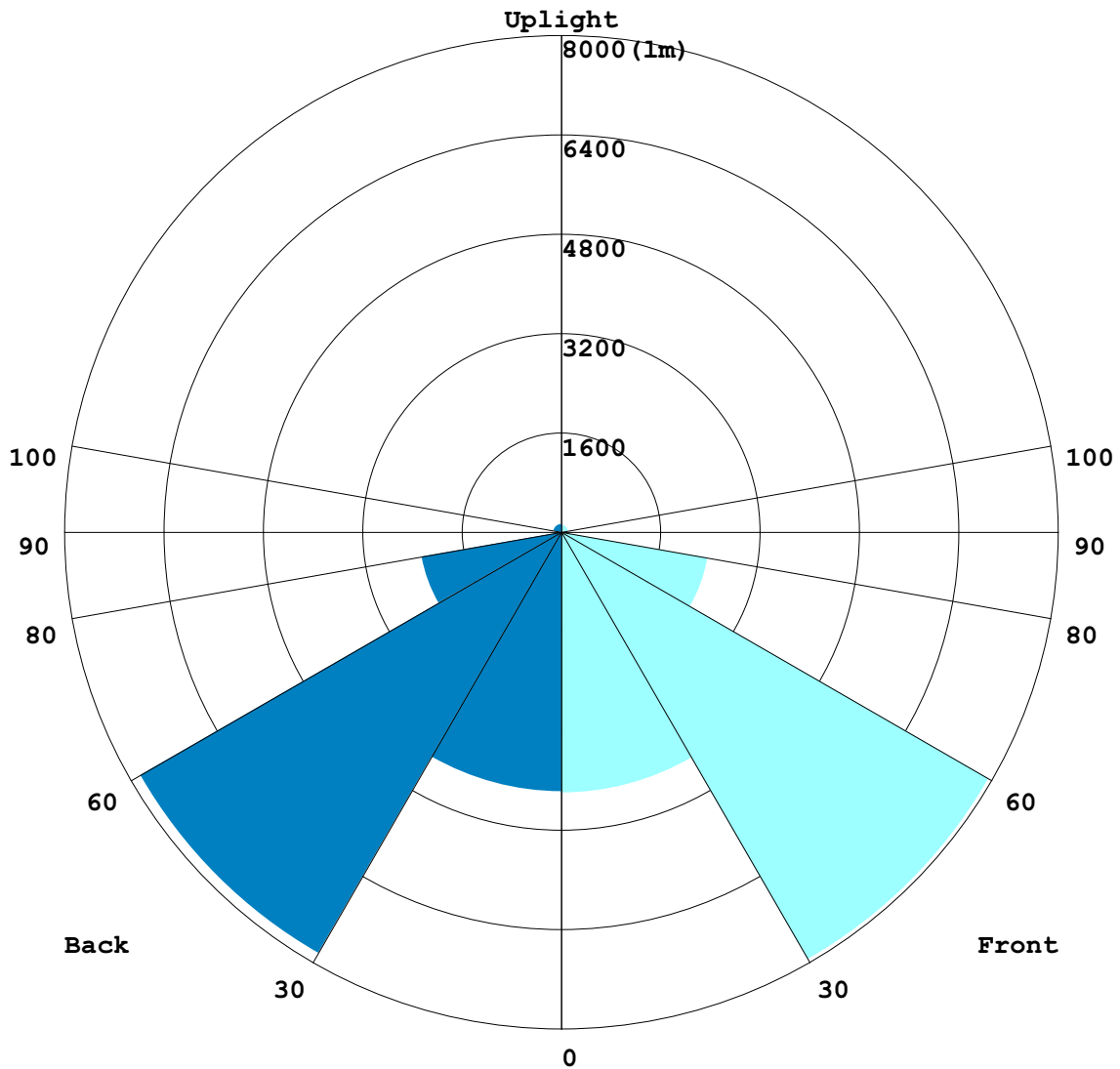
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2022-01-19

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:

LCS REPORT

NAME: UFO-150W-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:2022-01-19

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:

BUG REPORT

NAME: UFO-150W-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)	4194.3	14.3
FM - Front-Medium(30-60)	7945	27.2
FH - Front-High(60-80)	2394.5	8.2
FVH - Front-Very High(80-90)	84.804	0.3
Total Forward Light	14739	50.4

BL - Back-Low(0-30)	4174.6	14.3
BM - Back-Medium(30-60)	7828.8	26.8
BH - Back-High(60-80)	2285.9	7.8
BVH - Back-Very High(80-90)	74.685	0.3
Total Back Light	14503	49.6

UL - Uplight-Low(90-100)	15.223	0.1
UH - Uplight-High(100-180)	244.54	0.8
Total Up Light	259.76	0.9

BUG (Back, Up, Glare) Rating	B4-U3-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	14364	139.49	14503
Street Side	14619	120.27	14739

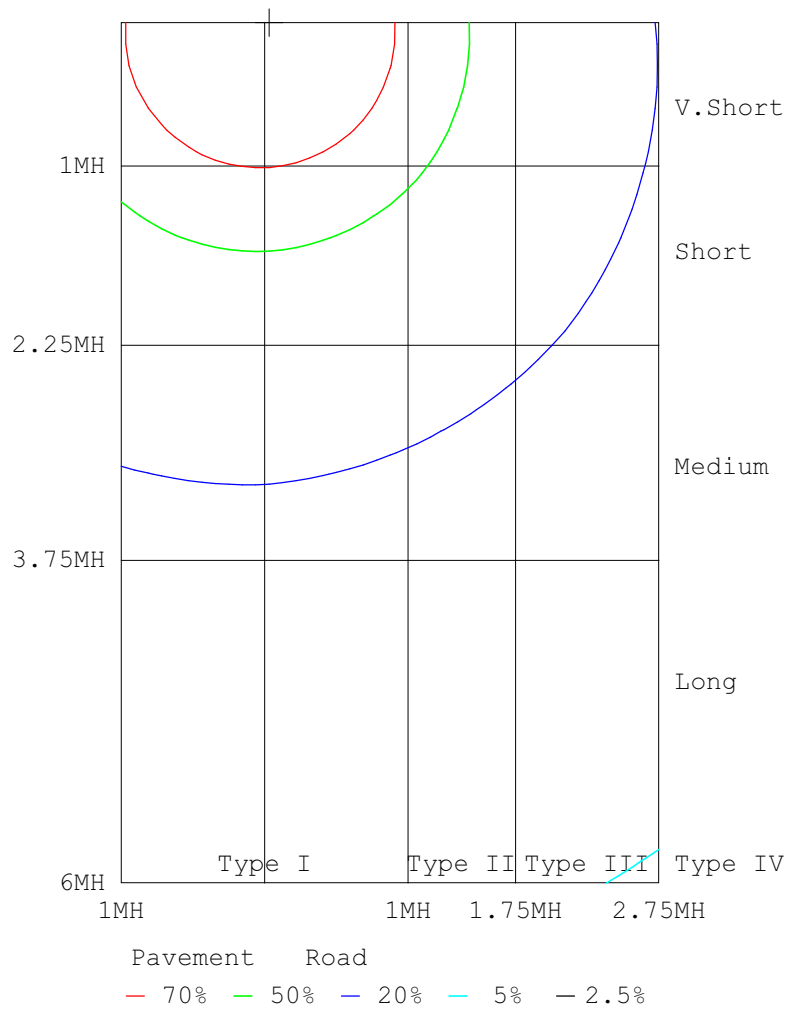
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2022-01-19

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-150W-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:2022-01-19

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:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: UFO-150W-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	1066	1066	1065	1065	1065	1064	1064	1064	1066	1066	1065	1065	1065	1064	1064	1064			
5	1060	1059	1061	1061	1063	1063	1065	1064	1066	1065	1064	1062	1060	1059	1058	1058			
10	1045	1046	1048	1050	1052	1055	1057	1057	1058	1057	1053	1050	1048	1044	1043	1043			
15	1022	1024	1027	1030	1034	1039	1041	1041	1042	1040	1036	1031	1027	1022	1021	1020			
20	991	994	997	1004	1009	1014	1016	1018	1018	1014	1009	1004	998	993	990	988			
25	947	953	959	968	975	982	985	987	986	981	974	964	958	949	946	944			
30	890	896	904	917	926	937	941	942	940	932	924	912	903	894	890	887			
35	830	837	845	857	869	881	885	885	884	876	867	855	846	835	830	827			
40	764	771	780	793	806	818	824	825	823	815	806	793	782	770	763	761			
45	689	697	707	722	736	749	756	759	755	747	737	722	710	695	689	685			
50	598	607	618	639	655	671	678	682	678	667	655	636	622	605	598	593			
55	503	512	524	545	562	579	586	590	585	575	562	544	529	511	504	498			
60	398	408	423	446	464	482	491	494	490	479	466	445	428	408	400	394			
65	284	298	314	338	357	377	384	388	385	372	360	337	319	298	289	281			
70	176	189	201	222	241	261	270	274	270	256	242	223	207	190	182	176			
75	88.4	95.0	106	125	140	156	165	168	163	154	143	126	111	96.4	91.3	86.4			
80	23.4	28.8	35.0	48.2	58.7	71.7	76.9	80.4	77.7	69.8	61.1	49.6	40.2	29.9	25.5	22.1			
85	2.99	3.53	4.30	6.14	8.99	13.4	15.7	18.7	18.0	13.1	10.5	7.71	5.11	3.77	3.38	3.13			
90	0.90	0.85	0.81	1.06	1.43	1.94	2.15	2.41	2.59	2.29	1.96	1.43	1.18	1.21	1.24	1.26			
95	1.31	1.25	1.19	1.11	1.04	0.97	0.94	0.93	1.29	1.34	1.40	1.50	1.59	1.69	1.73	1.75			
100	1.80	1.73	1.66	1.56	1.48	1.39	1.36	1.34	1.78	1.83	1.91	2.03	2.13	2.24	2.29	2.31			
105	2.34	2.25	2.17	2.06	1.98	1.88	1.85	1.83	2.32	2.39	2.47	2.60	2.71	2.84	2.89	2.92			
110	2.91	2.82	2.73	2.60	2.52	2.41	2.38	2.37	2.92	2.99	3.07	3.21	3.33	3.47	3.52	3.56			
115	3.50	3.40	3.30	3.17	3.08	2.97	2.95	2.93	3.54	3.60	3.69	3.83	3.95	4.10	4.16	4.20			
120	4.07	3.96	3.86	3.73	3.63	3.53	3.50	3.50	4.13	4.20	4.28	4.43	4.55	4.70	4.76	4.81			
125	4.63	4.50	4.40	4.28	4.18	4.08	4.05	4.03	4.71	4.77	4.85	5.01	5.11	5.27	5.33	5.39			
130	5.11	5.01	4.90	4.80	4.68	4.59	4.55	4.54	5.23	5.29	5.37	5.53	5.62	5.76	5.81	5.88			
135	5.56	5.45	5.33	5.24	5.13	5.03	5.00	4.97	5.68	5.74	5.81	5.98	6.04	6.17	6.23	6.27			
140	5.95	5.84	5.75	5.65	5.54	5.42	5.41	5.37	6.08	6.11	6.20	6.34	6.41	6.50	6.55	6.59			
145	6.30	6.21	6.11	6.03	5.87	5.80	5.77	5.74	6.37	6.42	6.48	6.65	6.68	6.78	6.78	6.82			
150	6.62	6.58	6.46	6.36	6.22	6.18	6.11	6.09	6.65	6.74	6.75	6.90	6.94	7.04	7.01	7.06			
155	6.93	6.89	6.83	6.72	6.58	6.50	6.45	6.43	6.95	6.99	7.04	7.18	7.22	7.25	7.25	7.29			
160	7.24	7.21	7.20	7.06	6.93	6.83	6.80	6.77	7.26	7.25	7.33	7.46	7.49	7.47	7.49	7.52			
165	7.53	7.49	7.52	7.39	7.26	7.16	7.17	7.14	7.54	7.52	7.56	7.68	7.72	7.68	7.68	7.74			
170	7.79	7.78	7.75	7.62	7.50	7.50	7.50	7.43	7.79	7.78	7.75	7.83	7.91	7.89	7.85	7.87			
175	8.01	8.05	7.97	7.85	7.81	7.84	7.78	7.72	8.00	8.00	7.92	7.94	8.02	8.06	8.01	7.98			
180	8.11	8.15	8.06	8.02	8.02	8.07	8.00	7.98	8.12	8.15	8.05	8.02	8.02	8.07	8.00	7.98			

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2022-01-19

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: