

Luminaire Photograph

YL-UFO 150W
EVERFINE



H(β) Range:-90 - 90DEG
H(β) Interval: 0.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2016-11-09

V(B) Range:-180 - 180DEG
V(B) Interval: 0.5DEG
Test System:EVERFINE GO-DS SYSTEM V2.0.267
Humidity:65.0%
Test Distance:10.000m [K=0.8250]
Remarks: YL-UFO 150W

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

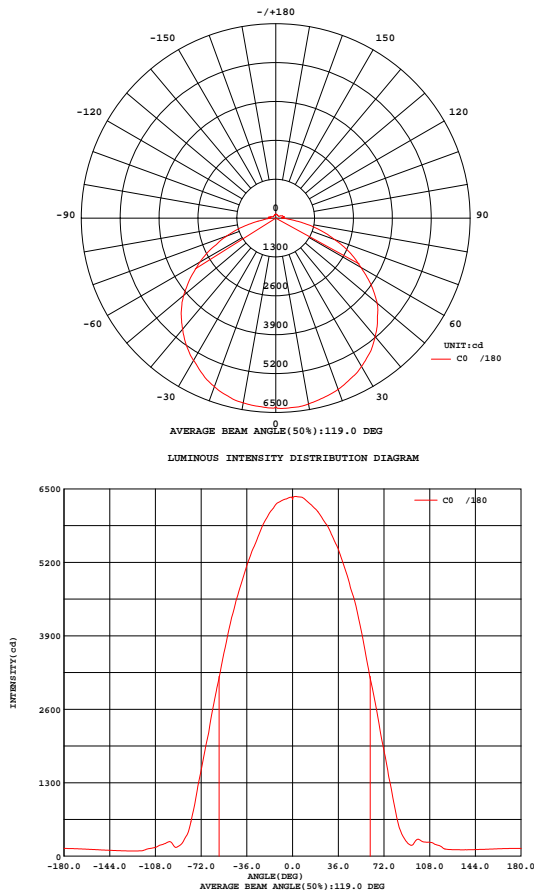


Fig. C0/C180

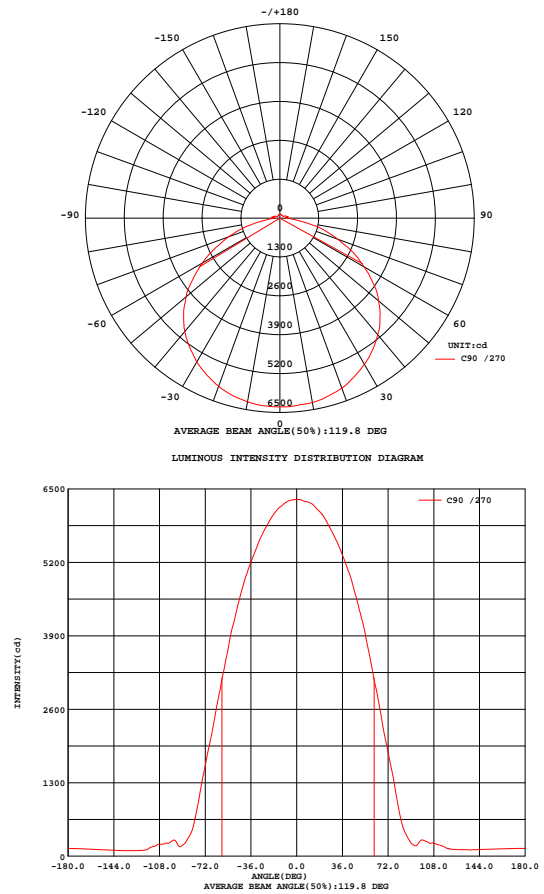


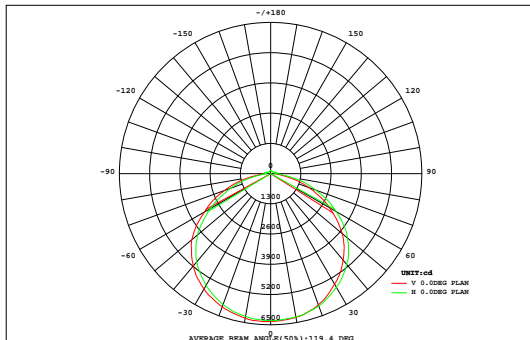
Fig. C90/C270

H(β) Range:-90 - 90DEG
 H(β) Interval: 0.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2016-11-09

V(B) Range:-180 - 180DEG
 V(B) Interval: 0.5DEG
 Test System:EVERFINE GO-DS SYSTEM V2.0.267
 Humidity:65.0%
 Test Distance:10.000m [K=0.8250]
 Remarks: YL-UFO 150W

LUMINAIRE PHOTOMETRIC TEST REPORT

NAME: YL-UFO 150W	TYPE:	WEIGHT:
DIMENSION:	SPECIFICATION:	SERIAL No.:
MANUFACTURER: EVERFINE	SURFACE:	PROTECTION ANGLE:



DATA OF LAMP		PHOTOMETRIC DATA	
MODEL	YL-UFO 150W	Imax(cd)	6367
NOMINAL POWER(W)	152	AVAILABILITY(%)	93.5
RATED VOLTAGE(V)	232	Avai. FLUX(lm)	19212
NOMINAL FLUX(lm)	20550	EFFICIENCY(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	20549
TEST VOLTAGE(V)	231.6	θ @50%(H,V)	119,119DEG

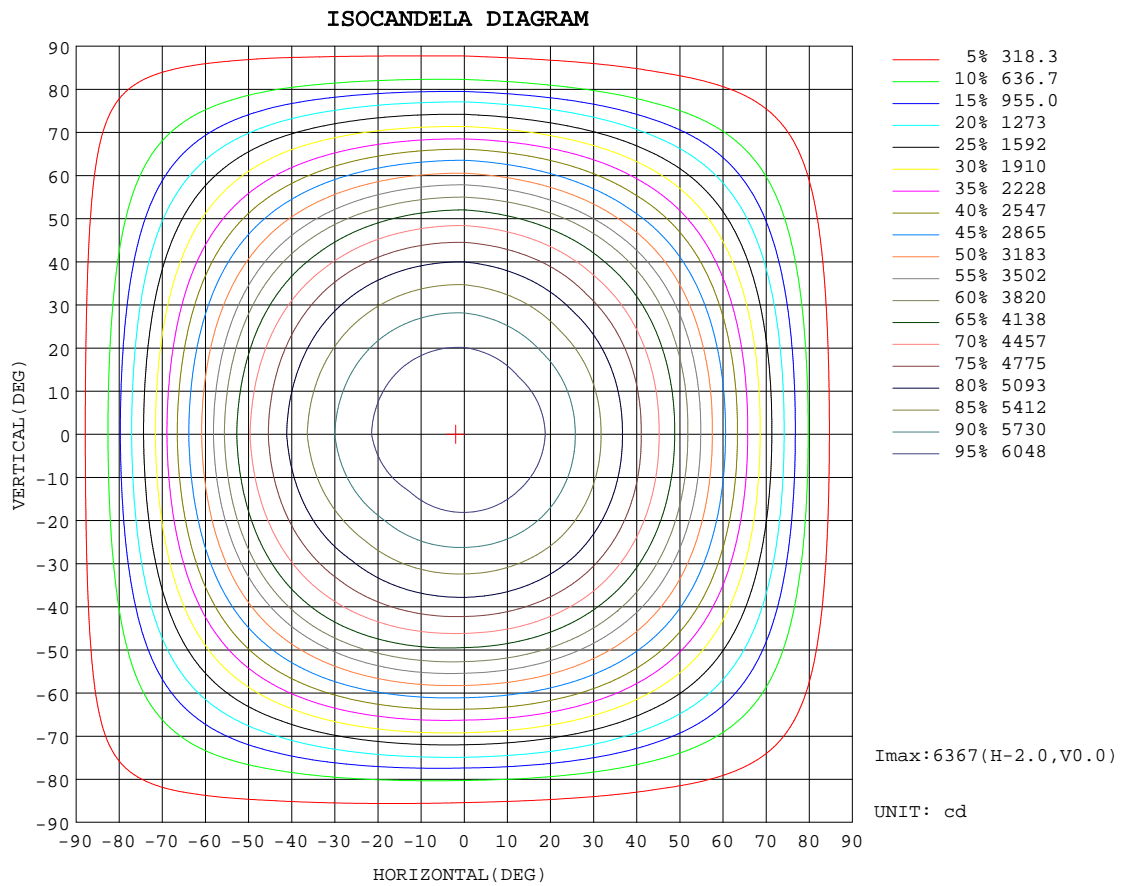
VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm	Φ t	Φ a	
	0.71	2.30	4.15	6.20	8.42	10.6	12.5	13.9	14.6	14.1	12.7	10.7	8.51	6.43	4.64	3.01	1.62	0.49	136	22.6
80	0.81	3.13	7.19	13.6	21.7	29.9	37.2	42.5	45.1	44.3	40.0	33.3	25.1	16.7	9.70	4.97	2.19	0.54	378	347
70	0.92	4.49	12.6	24.8	39.0	53.1	65.7	75.3	80.4	79.5	72.8	61.9	48.2	33.6	20.0	9.07	3.01	0.62	685	675
60	1.04	6.33	18.4	35.3	55.2	75.7	93.9	108	115	114	105	89.4	70.1	49.8	30.5	14.5	4.29	0.71	986	981
50	1.18	8.18	23.4	45.1	70.5	96.2	119	135	143	142	132	114	90.7	64.4	39.9	19.5	5.83	0.79	1249	1246
40	1.33	9.79	27.8	53.5	83.6	113	137	154	163	162	151	132	107	77.4	48.0	23.7	7.30	0.87	1451	1449
30	1.45	11.1	31.4	60.2	93.5	124	150	168	177	176	165	145	118	87.1	54.4	27.0	8.48	0.94	1599	1597
	1.55	11.9	33.9	65.0	100.0	132	158	177	187	186	174	154	125	93.1	58.7	29.3	9.27	1.00	1697	1695
	1.60	12.4	35.2	67.5	103	136	163	182	191	190	180	158	129	95.8	60.8	30.4	9.65	1.03	1745	1744
	1.60	12.3	35.1	67.4	103	135	162	181	190	190	180	158	129	95.7	60.6	30.3	9.62	1.03	1742	1741
	1.54	11.8	33.6	64.6	99.3	130	157	175	185	185	174	154	125	92.8	58.3	29.1	9.19	1.00	1686	1684
-30	1.44	10.8	30.9	59.4	92.7	122	147	165	175	174	164	145	118	86.2	53.8	26.6	8.35	0.94	1581	1579
-40	1.30	9.50	27.1	52.4	82.2	111	134	150	159	158	149	131	106	76.0	47.3	23.1	7.14	0.86	1425	1422
-50	1.16	7.85	22.4	43.7	68.3	93.7	115	130	137	137	128	111	88.0	63.1	38.7	18.8	5.65	0.78	1211	1207
-60	1.02	5.98	17.2	33.2	52.6	72.1	89.1	102	108	107	99.0	85.3	67.5	47.6	29.0	13.8	4.13	0.69	934	929
-70	0.90	4.23	11.5	22.4	35.2	48.5	60.4	68.8	72.7	72.0	66.6	57.0	44.5	31.2	18.6	8.50	2.90	0.60	627	615
-80	0.79	2.97	6.49	11.7	18.2	25.1	31.3	35.8	37.9	37.3	34.1	28.7	21.9	14.9	8.84	4.65	2.08	0.53	323	282
-90	0.69	2.16	3.76	5.42	7.06	8.63	9.91	10.7	11.0	10.7	9.91	8.67	7.17	5.61	4.15	2.75	1.53	0.48	110	0.00
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL(DEG)	20	30	40	50	60	70	80	90			
Φ t	21.0	137	382	732	1133	1517	1841	2073	2191	2178	2036	1776	1429	1037	646	319	102	13.9	19566	---
Φ a	5.32	118	363	713	1115	1498	1822	2053	2170	2158	2017	1756	1409	1017	625	298	77.6	0.00	---	19212

H(β) Range:-90 - 90DEG
 H(β) Interval: 0.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2016-11-09

V(B) Range:-180 - 180DEG
 V(B) Interval: 0.5DEG
 Test System:EVERFINE GO-DS SYSTEM V2.0.267
 Humidity:65.0%
 Test Distance:10.000m [K=0.8250]
 Remarks: YL-UFO 150W

ISOCANDELA DIAGRAM

NAME: YL-UFO 150W	TYPE:	WEIGHT:
DIMENSION:	SPECIFICATION:	SERIAL No.:
MANUFACTURER: EVERFINE	SURFACE:	PROTECTION ANGLE:

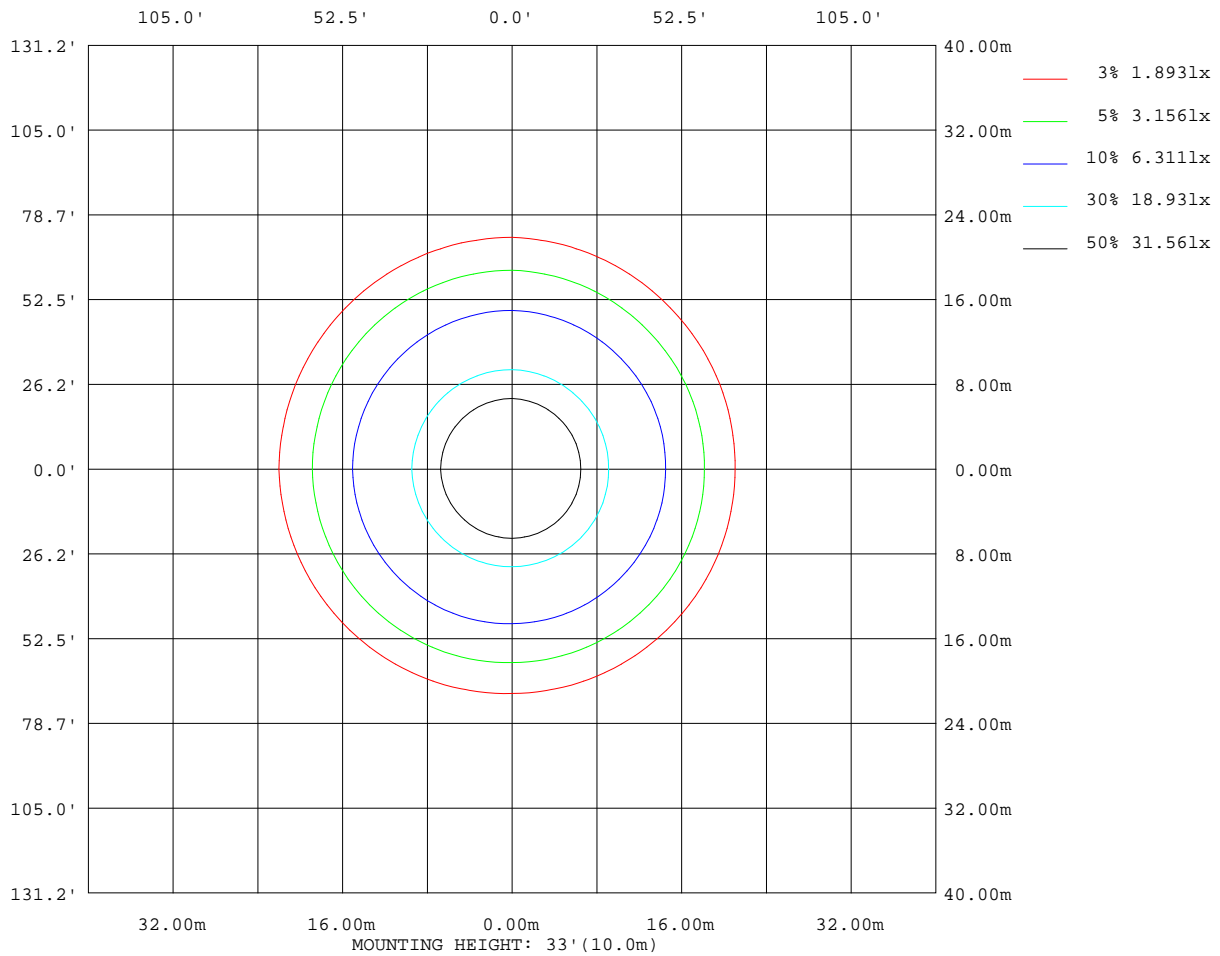


H(β) Range: -90 - 90DEG
H(β) Interval: 0.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2016-11-09

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Humidity: 65.0%
Test Distance: 10.000m [K=0.8250]
Remarks: YL-UFO 150W

ISOLUX DIAGRAM

NAME: YL-UFO 150W	TYPE:	WEIGHT:
DIMENSION:	SPECIFICATION:	SERIAL No.:
MANUFACTURER: EVERFINE	SURFACE:	PROTECTION ANGLE:



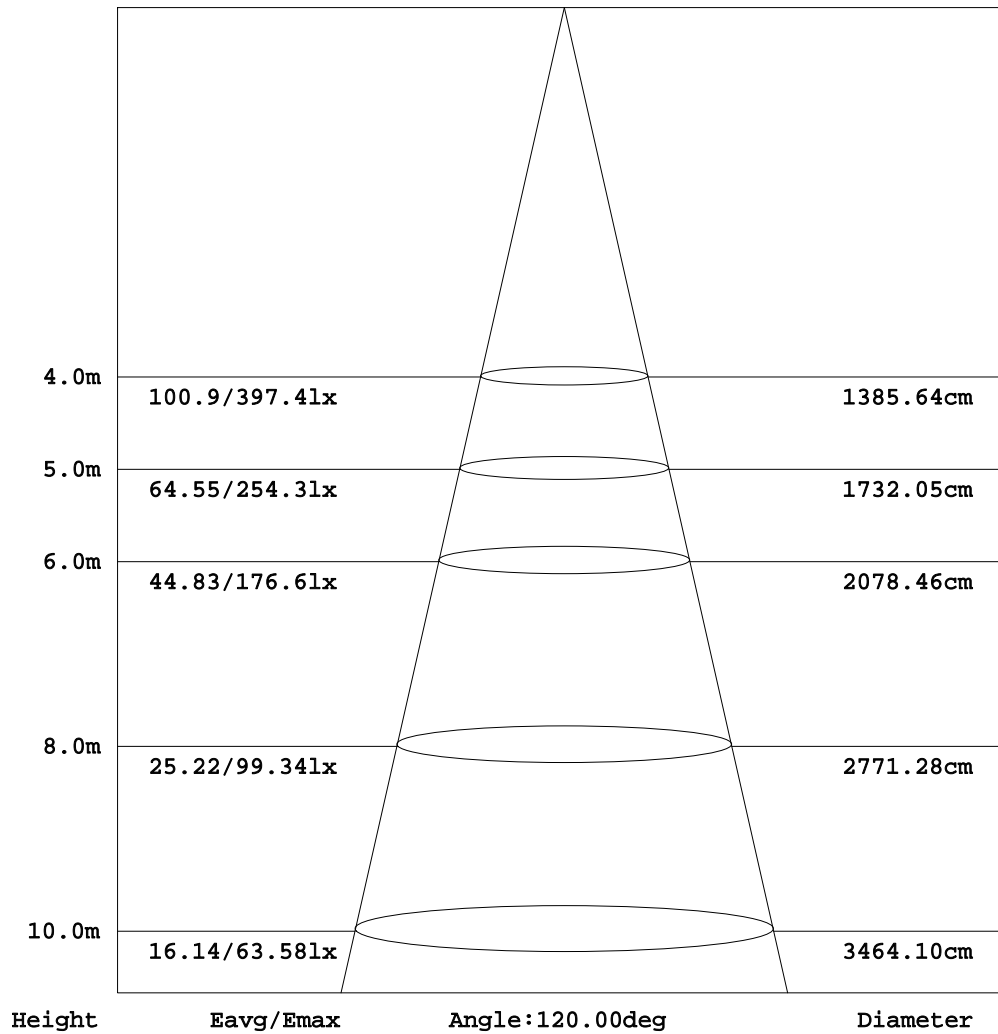
H(β) Range:-90 - 90DEG
 H(β) Interval: 0.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
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AAI Figure

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DIMENSION:	SPECIFICATION:	SERIAL No.:
MANUFACTURER: EVERFINE	SURFACE:	PROTECTION ANGLE:

Flux out:15209 lm



Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(β) Range:-90 - 90DEG
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LUMINOUS DISTRIBUTION INTENSITY DATA

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DIMENSION:	SPECIFICATION:	SERIAL No.:
MANUFACTURER: EVERFINE	SURFACE:	PROTECTION ANGLE:

Table--1

UNIT: cd

H(DEG) V(DEG)	-90	-85	-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
-180	250	207	291	248	240	191	127	116	114	113	114	118	121	125	129	133	136	138	137
-170	250	206	291	246	236	190	128	114	111	110	110	112	115	118	121	124	126	130	131
-160	250	202	294	246	234	194	145	114	109	106	106	106	107	108	111	114	118	120	121
-150	250	196	294	247	235	208	173	120	108	104	102	101	100	101	103	105	108	110	111
-140	250	191	283	260	235	222	191	163	117	105	101	97.7	97.1	97.4	98.2	99.0	99.8	101	101
-130	250	193	253	281	241	227	213	192	170	140	111	102	99.0	98.2	97.4	97.3	97.2	97.3	97.3
-120	250	200	209	275	271	239	225	212	197	187	171	162	149	132	118	112	109	107	106
-110	250	210	191	212	257	273	258	237	220	211	206	202	197	198	199	200	198	198	199
-100	250	225	206	193	188	193	211	229	244	251	255	255	253	250	246	244	242	241	241
-90	250	245	241	236	231	226	221	216	212	207	205	204	202	201	199	197	196	194	193
-80	250	268	293	317	343	372	402	435	468	498	532	565	598	625	649	666	675	676	669
-70	250	297	356	432	532	661	809	958	1112	1237	1359	1473	1575	1658	1729	1782	1815	1830	1829
-60	250	326	435	607	847	1112	1351	1592	1817	2032	2245	2436	2595	2737	2846	2920	2966	2987	2978
-50	250	354	531	837	1195	1529	1862	2198	2535	2833	3086	3317	3551	3750	3905	4017	4080	4102	4095
-40	250	382	644	1062	1486	1906	2346	2763	3133	3497	3869	4165	4377	4565	4699	4816	4896	4941	4952
-30	250	409	755	1252	1741	2234	2748	3195	3664	4106	4441	4705	4927	5099	5268	5393	5485	5541	5555
-20	250	431	844	1381	1925	2503	3036	3547	4076	4493	4815	5093	5336	5534	5691	5821	5908	5968	5985
-10	250	445	901	1474	2044	2668	3209	3794	4321	4710	5059	5364	5605	5808	5962	6082	6158	6215	6236
0	250	451	925	1513	2090	2734	3288	3895	4427	4810	5173	5490	5731	5923	6097	6213	6310	6356	6311
10	250	446	908	1485	2058	2681	3226	3812	4334	4730	5090	5404	5644	5847	6011	6138	6227	6265	6259
20	250	433	857	1403	1956	2530	3066	3588	4098	4530	4879	5165	5423	5619	5781	5898	5993	6043	6051
30	250	412	773	1282	1787	2278	2796	3253	3727	4138	4501	4800	5036	5235	5396	5516	5596	5638	5645
40	250	386	664	1102	1543	1976	2409	2837	3217	3596	3935	4222	4472	4674	4848	4968	5037	5079	5090
50	250	359	547	880	1255	1619	1964	2291	2628	2942	3212	3461	3701	3894	4051	4170	4253	4299	4312
60	250	332	448	644	913	1197	1463	1734	1970	2176	2387	2585	2768	2925	3036	3127	3192	3232	3244
70	250	303	367	453	576	742	916	1096	1259	1416	1558	1686	1789	1878	1946	1998	2033	2051	2053
80	250	274	305	336	367	401	443	494	551	611	671	724	769	807	840	865	882	890	889
90	250	250	250	250	250	250	250	249	249	249	247	246	244	242	241	239	237	235	234
100	250	228	213	202	197	201	218	241	260	273	277	279	280	281	280	279	279	280	282
110	250	213	195	216	266	287	277	260	245	235	229	228	228	225	221	217	214	213	213
120	250	202	211	282	283	254	239	234	220	204	196	184	174	162	144	137	134	132	131
130	250	195	256	289	251	238	228	207	186	164	135	125	120	117	116	115	115	114	114
140	250	193	287	267	242	232	202	177	134	121	117	115	114	113	113	113	114	114	114
150	250	197	297	251	243	215	182	131	119	115	114	113	113	115	117	119	121	122	122
160	250	203	296	249	239	199	151	120	115	113	113	114	117	120	123	126	128	129	129
170	250	206	292	248	237	192	131	117	114	113	113	117	120	124	128	131	133	135	135
180	250	207	291	248	240	191	127	116	114	113	114	118	121	125	129	133	136	138	138

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Temperature:25.3DEG
Operators:
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V(B) Range:-180 - 180DEG
V(B) Interval: 0.5DEG
Test System:EVERFINE GO-DS SYSTEM V2.0.267
Humidity:65.0%
Test Distance:10.000m [K=0.8250]
Remarks: YL-UFO 150W

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: YL-UFO 150W	TYPE:	WEIGHT:
DIMENSION:	SPECIFICATION:	SERIAL No.:
MANUFACTURER: EVERFINE	SURFACE:	PROTECTION ANGLE:

Table--2

UNIT: cd

H(DEG) V(DEG)	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
-180	135	131	127	121	116	110	105	100	96.0	93.3	92.8	94.7	123	145	190	226	234	176
-170	131	128	124	120	114	109	104	99.6	96.2	93.8	93.4	95.8	126	148	192	228	232	176
-160	121	120	117	114	110	106	101	98.1	95.4	94.1	94.5	99.9	135	155	197	234	225	176
-150	111	110	108	106	103	101	98.4	96.3	95.1	94.8	97.5	121	144	169	202	244	214	176
-140	101	100	99.8	99.1	98.3	97.3	96.4	95.9	96.2	99.4	119	143	157	191	213	253	198	176
-130	97.2	97.1	97.2	97.0	97.4	97.3	98.6	102	111	136	149	162	189	202	232	257	178	176
-120	106	107	108	111	118	133	144	152	157	167	186	198	205	228	255	237	163	176
-110	195	193	193	192	193	195	199	201	199	199	210	227	248	259	241	189	158	176
-100	240	240	241	243	247	250	253	257	261	263	260	247	225	198	172	160	164	176
-90	191	189	187	185	183	181	180	178	176	176	176	176	176	176	176	176	176	176
-80	658	639	613	581	543	505	465	423	381	354	329	302	272	243	218	198	185	176
-70	1808	1770	1716	1643	1555	1450	1334	1209	1065	906	754	594	463	368	306	241	198	176
-60	2963	2918	2846	2743	2609	2438	2246	2034	1822	1600	1362	1119	845	595	403	303	214	176
-50	4071	4015	3916	3767	3577	3359	3129	2888	2601	2262	1933	1599	1264	897	569	357	233	176
-40	4927	4865	4758	4622	4441	4194	3927	3591	3230	2882	2477	2034	1615	1200	761	414	254	176
-30	5530	5462	5357	5208	5041	4805	4529	4185	3792	3345	2910	2424	1916	1425	923	486	274	176
-20	5960	5899	5796	5638	5444	5193	4915	4583	4189	3720	3203	2709	2127	1598	1063	551	291	176
-10	6211	6164	6059	5904	5681	5436	5136	4792	4406	3948	3411	2874	2276	1708	1149	594	301	176
0	6321	6273	6162	5998	5772	5494	5208	4847	4473	4021	3481	2927	2336	1746	1178	607	305	176
10	6224	6142	6061	5906	5678	5435	5137	4792	4411	3963	3428	2882	2288	1719	1155	597	302	176
20	6014	5932	5801	5635	5442	5197	4910	4591	4215	3760	3233	2725	2152	1619	1075	557	293	176
30	5604	5527	5406	5240	5036	4811	4546	4228	3854	3402	2935	2459	1957	1452	942	493	277	176
40	5043	4966	4857	4695	4500	4267	4004	3694	3304	2920	2528	2093	1664	1232	782	421	257	176
50	4268	4192	4085	3942	3744	3499	3223	2943	2667	2346	2020	1668	1314	934	589	364	237	176
60	3198	3125	3027	2905	2765	2586	2387	2168	1950	1704	1442	1182	894	628	417	311	218	176
70	2024	1978	1914	1831	1727	1604	1472	1328	1168	997	826	648	491	386	319	249	201	176
80	863	828	783	731	671	610	546	485	429	390	358	329	295	261	230	206	189	176
90	230	225	221	217	213	209	205	201	197	194	192	190	187	185	183	180	178	176
100	276	272	268	265	263	260	258	255	252	247	236	220	199	179	165	161	166	176
110	210	208	208	207	204	201	199	198	202	206	218	231	249	253	229	180	158	176
120	131	131	132	137	148	160	168	167	170	178	184	197	209	230	254	229	161	176
130	114	114	114	114	115	116	118	121	136	154	157	169	187	205	233	254	175	176
140	114	114	113	113	113	113	112	110	110	112	134	150	163	190	215	253	194	176
150	121	120	119	117	116	112	110	107	105	104	106	131	148	169	203	244	211	176
160	129	127	125	122	117	113	109	105	102	100.0	100	106	139	157	197	235	223	176
170	135	133	129	124	118	113	108	103	99.3	96.8	96.2	98.4	129	150	192	229	231	176
180	135	131	127	121	116	110	105	100	96.0	93.3	92.8	94.7	123	145	190	226	234	176

H(β) Range:-90 - 90DEG
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