



LED TRUST

www.trustosg.com



TST-UFO/SLM-150W DATASHEET



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PRODUCT BENEFITS

- SMD LED design for high product reliability
- Reduced windage area thanks to slim design
- Instant on
- Dust and water protection according to IP66

PRODUCT FEATURES

- Color rendering index Ra: > 80
- Luminaire efficacy: up to 150 lm/W
- Heavy duty Die-cast aluminum housing
- Impact resistance: IK06
- Lifetime (L70/B50): up to 50,000 h



TECHNICAL DATA

Electrical data

Nominal wattage	150 W
Operating mode	Separated electronic LED
Nominal voltage	Driver 85...265 V
Power factor λ	≥ 0.97
Mains frequency	50/60 Hz

Photometrical data

Color temperature	6500 : 7000 K
Luminous flux	22500 lm
Luminous efficacy	Up to 150 lm/W
Standard deviation of color matching	≤ 5 sdc _m
Light color (designation)	Daylight
Color rendering index Ra	≥ 80

Light technical data

Beam angle	90 °
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Dimensions & weight

Length	310.0 mm
Width	310.0 mm
height	120.0 mm
Product weight	2790.00 g
Cable length	300 mm

Colors & materials

Body material	Aluminum
Product color	Black
Housing color	Black
Cover material	PMMA 3030 Led Optical Led Lens

Temperatures & operating conditions

Ambient temperature range	-10...+70 °C
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Lifespan

Number of switching cycles	30000
Lifespan L70/B50	50000 h

LOGISTICAL DATA

Temperature range at storage -30...+70 °C

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight
TST-UFO/SLM-150W	Folding box 1	310 mm x 310 mm x 120 mm	2790.00 g
TST-UFO/SLM-150W	Shipping carton box 1	340 mm x 430 mm x 145 mm	2940.00 g



DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

UFO High Bay Light Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity (Luminaire orientation as tested.)		572.6 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal
Beam Spread	At 10% of I _{max} At 50% of I _{max} At 90% of I _{max}	119.6V x 119.0H 81.1V x 85.0H 39.4V x 27.4H
Beam Flux	Total To 10% of I _{max} To 50% of I _{max} To 90% of I _{max}	1000.1 lumens per klm. 936.5 lumens per klm. 715.3 lumens per klm. 161.1 lumens per klm.
	Upward LOR Downward LOR	0.0 % 100.0 %
Luminaire Efficiency(Light Output Ratio)		100.0 %

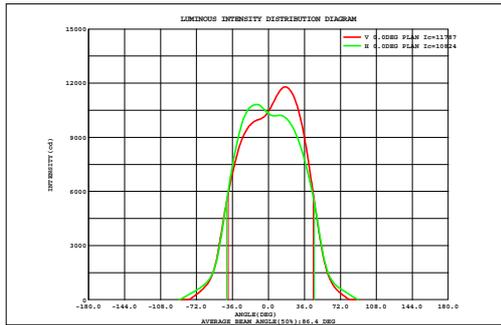
H(θ) Range:-90 - 90DEG
H(θ) Interval: 0.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-06-19

V(θ) Range:-90 - 90DEG
V(θ) Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:7.660m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:219.8V I:0.6598A	POWER:148.5W	PF:0.9892	Lamp Flux:21896.32 lm
NAME: UFO HIGH BAY LIGHT	TYPE: LED	WEIGHT:2790G	
LED CHIP:PHILIPS LUMILEDS LUXEON 3030 2D	DIM.:Φ310*H120mm	SERIAL No.:TST-UFO/SLM-150W	
LED CHIP QTY: 210PCS	C R index Ra: ≥80	MFR.: EVERFINE	



DATA OF LAMP		Eff:147.45lm/W	
MODEL	TST-UFO/SLM-150W	Imax(cd)	11787
NOMINAL POWER(W)	150	AVAILABILITY(%)	97.7
RATED VOLTAGE(V)	230.0	Avai. FLUX(lm)	21392.70
NOMINAL FLUX(lm)	21896.32	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	21896.32
TEST VOLTAGE(V)	230	θ @50%(H,V)	85,81DEG

		AREA FLUX DIAGRAM																UNIT:lm		F t	F a
VERTICAL (DEG)	90	0.01	0.06	0.20	0.54	1.23	2.21	3.22	4.03	4.66	5.01	5.03	4.76	3.79	2.46	1.44	0.70	0.23	0.03	39.6	0.00
	80	0.02	0.15	0.60	1.87	4.48	7.91	11.2	13.5	15.0	15.5	14.8	13.3	10.2	6.37	3.29	1.31	0.37	0.04	120	0.00
	70	0.02	0.25	1.35	4.49	9.40	15.5	21.7	26.4	29.6	30.2	28.0	23.9	17.8	11.4	6.07	2.33	0.50	0.05	229	24.7
	60	0.03	0.38	2.72	7.70	15.8	27.4	43.7	61.5	74.7	77.4	68.0	50.6	32.2	18.5	9.50	3.82	0.74	0.05	495	403
	50	0.03	0.64	4.24	11.6	25.9	54.7	98.4	139	164	170	155	118	69.4	32.9	14.2	5.44	1.11	0.06	1066	1013
	40	0.03	0.97	5.74	16.4	43.1	98.1	160	207	235	246	235	191	125	58.8	21.3	7.13	1.51	0.05	1651	1614
	30	0.03	1.25	7.06	21.8	65.1	136	202	251	280	295	289	247	173	88.9	30.3	8.83	1.83	0.05	2099	2070
	20	0.03	1.45	8.01	26.7	84.1	162	230	274	299	318	320	284	208	113	38.8	10.3	2.04	0.05	2380	2354
	10	0.02	1.52	8.42	29.3	93.9	177	245	285	303	325	337	304	227	125	43.6	11.1	2.12	0.04	2518	2493
	0	0.02	1.51	8.32	28.4	92.2	177	247	288	311	336	344	307	226	123	42.7	11.0	2.11	0.04	2544	2518
	-10	0.03	1.42	7.74	24.5	78.6	161	233	283	314	336	333	287	202	106	36.6	10.1	2.02	0.04	2416	2388
	-20	0.03	1.21	6.71	19.1	55.9	127	199	255	291	306	291	238	159	79.0	27.8	8.60	1.80	0.05	2068	2035
	-30	0.03	0.91	5.41	14.3	33.7	79.1	141	193	225	232	211	163	103	49.4	19.5	6.93	1.46	0.05	1478	1435
	-40	0.03	0.60	3.96	10.3	20.6	38.8	68.4	102	125	130	114	84.7	52.9	28.1	13.3	5.26	1.06	0.05	800	735
	-50	0.03	0.37	2.47	6.95	13.4	21.4	30.7	40.7	48.3	50.7	46.8	38.0	27.0	16.9	9.02	3.66	0.68	0.05	357	213
	-60	0.02	0.25	1.24	3.92	8.11	13.0	17.7	21.4	23.8	24.7	23.7	20.8	15.8	10.4	5.65	2.14	0.46	0.05	193	0.00
	-70	0.01	0.14	0.60	1.69	3.70	6.39	9.08	11.2	12.6	13.1	12.6	11.2	8.63	5.50	2.91	1.20	0.34	0.04	101	0.00
	-80	0.01	0.05	0.15	0.39	0.82	1.43	2.15	2.84	3.39	3.73	3.81	3.65	2.96	2.01	1.26	0.65	0.22	0.03	29.5	0.00
-90	0.01	0.05	0.15	0.39	0.82	1.43	2.15	2.84	3.39	3.73	3.81	3.65	2.96	2.01	1.26	0.65	0.22	0.03	29.5	0.00	
		-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)	20	30	40	50	60	70	80	90			
F t	0.47	13.1	74.9	230	650	1306	1964	2458	2760	2914	2832	2392	1664	877	327	100	20.6	0.82	20584	---	
F a	0.00	0.00	0.00	115	559	1218	1876	2370	2673	2826	2745	2304	1577	792	236	5.26	0.00	0.00	---	19296	

one-half-peak spread: U:38.6,D:42.9 , L:57.4,R:28.1 NEMA Beam Type: Type 6

H(β) Range:-90 - 90DEG
H(β) Interval: 0.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-06-19

V(B) Range:-90 - 90DEG
V(B) Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:7.660m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOCANDELA DIAGRAM

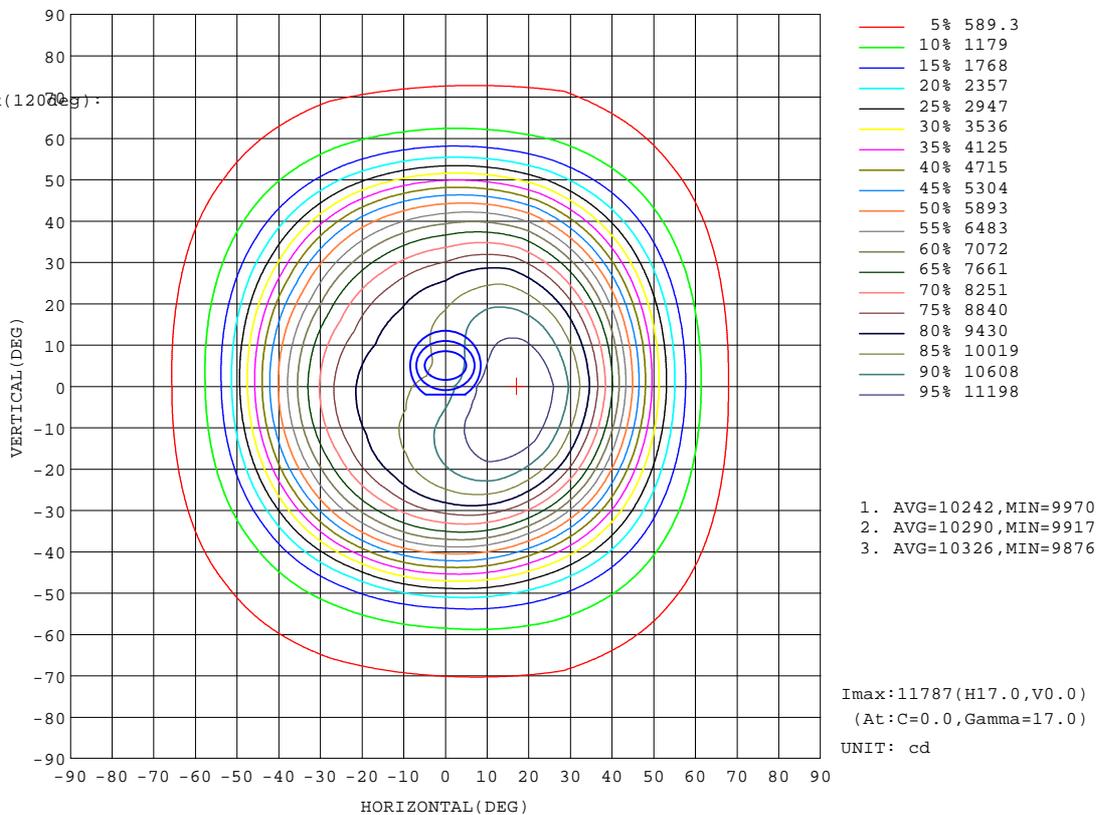
Test:U:219.8V I:0.6598A	POWER:148.5W	PF:0.9892	Lamp Flux:21896.32 lm
NAME: UFO HIGH BAY LIGHT	TYPE: LED	WEIGHT:2790G	
LED CHIP:PHILIPS LUMILEDS LUXEON 3030 2D	DIM.:Φ310*H120mm	SERIAL No.:TST-UFO/SLM-150W	
LED CHIP QTY: 210PCS	C R index Ra: ≥80	MFR.: EVERFINE	

Conical surface Flux(90deg):

15716 lm
%lum = 76.3%
%lamp = 76.4%

Conical surface Flux(120deg):

19266 lm
%lum = 93.6%
%lamp = 93.6%



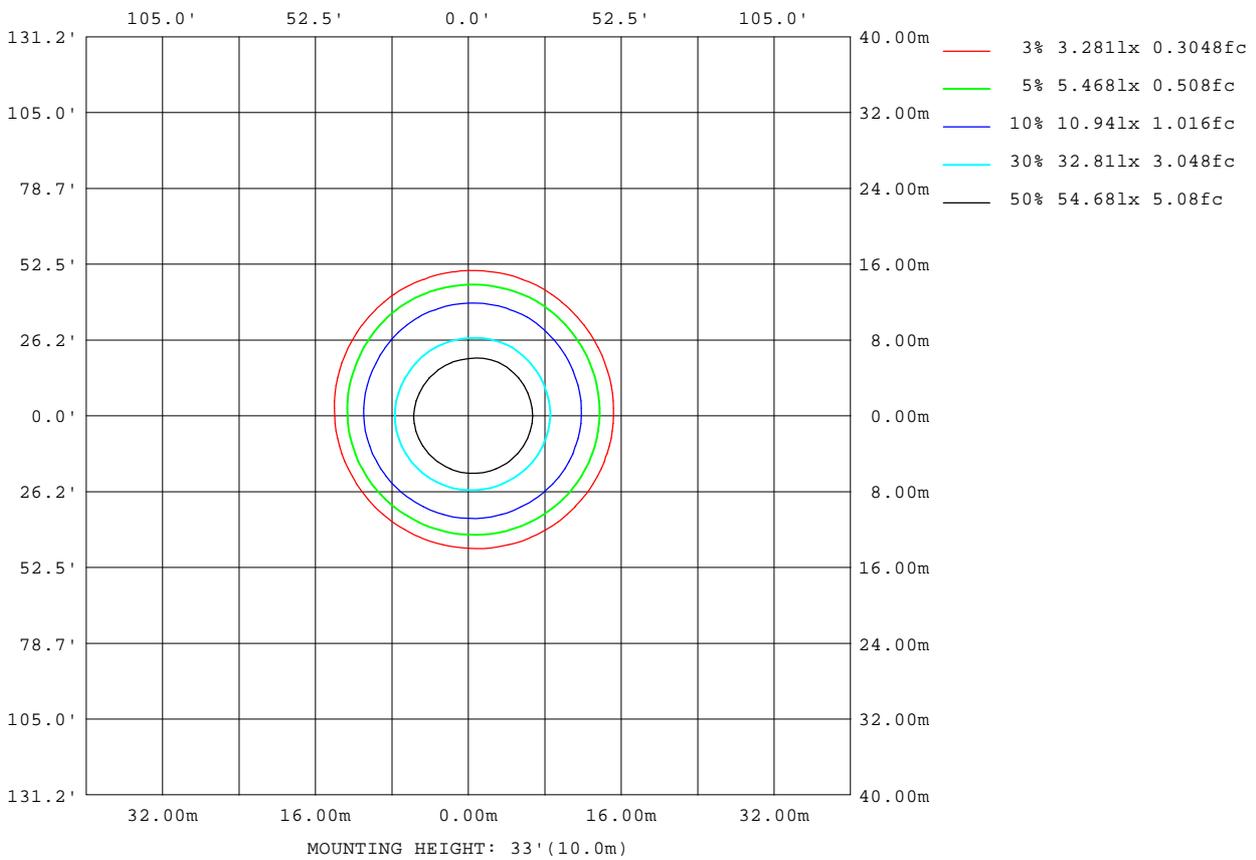
H(β) Range:-90 - 90DEG
H(β) Interval: 0.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-06-19

V(B) Range:-90 - 90DEG
V(B) Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:7.660m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOLUX DIAGRAM

Test:U:219.8V I:0.6598A	POWER:148.5W	PF:0.9892	Lamp Flux:21896.32 lm
NAME: UFO HIGH BAY LIGHT	TYPE: LED	WEIGHT:2790G	
LED CHIP:PHILIPS LUMILEDS LUXEON 3030 2D	DIM.:Φ310*H120mm	SERIAL No.:TST-UFO/SLM-150W	
LED CHIP QTY: 210PCS	C R index Ra: ≥80	MFR.: EVERFINE	



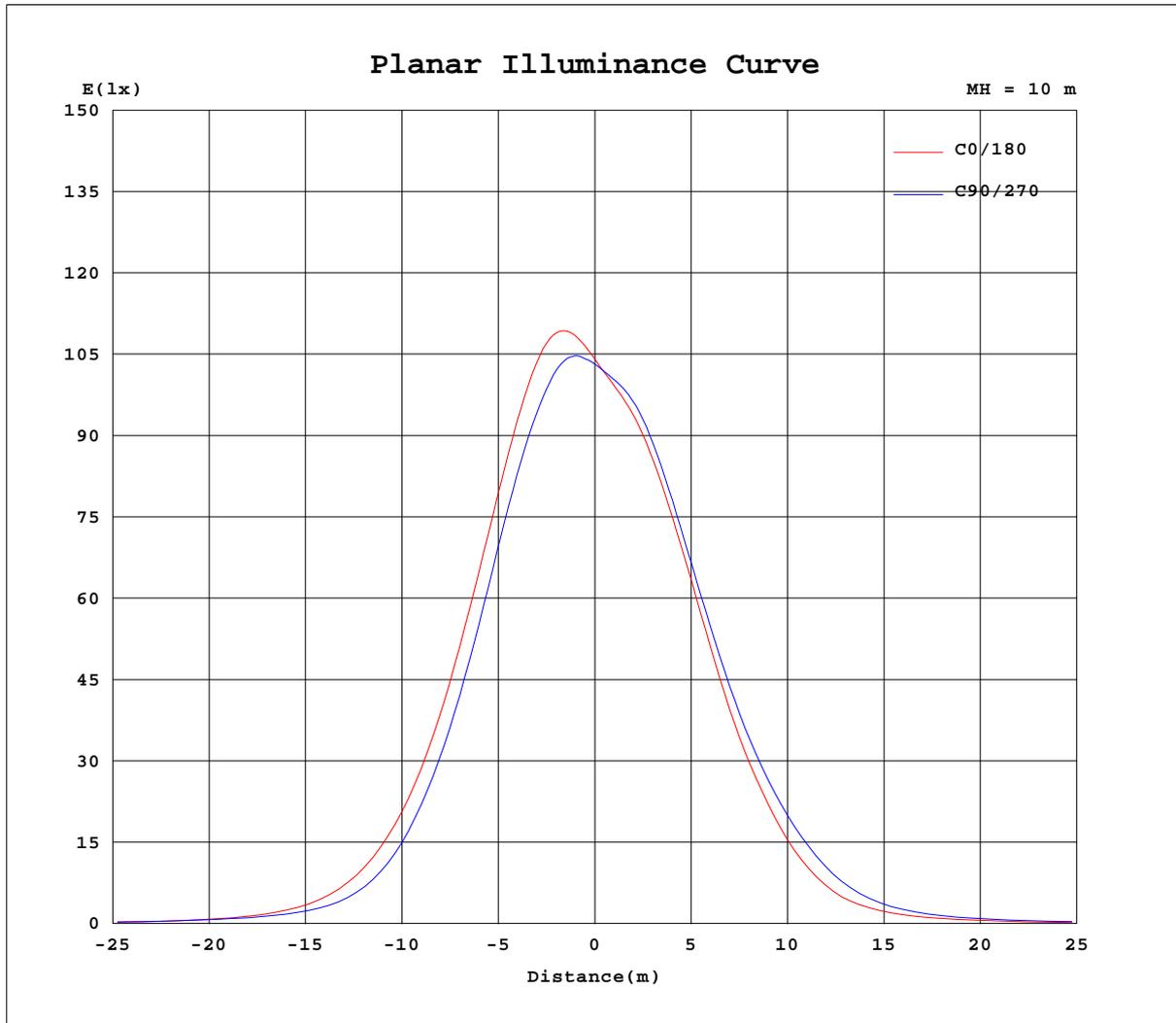
H(β) Range:-90 - 90DEG
H(β) Interval: 0.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-06-19

V(B) Range:-90 - 90DEG
V(B) Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:7.660m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

Planar Illuminance Curve

Test:U:219.8V I:0.6598A	POWER:148.5W	PF:0.9892	Lamp Flux:21896.32 lm
NAME: UFO HIGH BAY LIGHT	TYPE: LED	WEIGHT:2790G	
LED CHIP:PHILIPS LUMILEDS LUXEON 3030 2D	DIM.:Φ310*H120mm	SERIAL No.:TST-UFO/SLM-150W	
LED CHIP QTY: 210PCS	C R index Ra: ≥80	MFR.: EVERFINE	



H(β) Range:-90 - 90DEG
H(β) Interval: 0.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-06-19

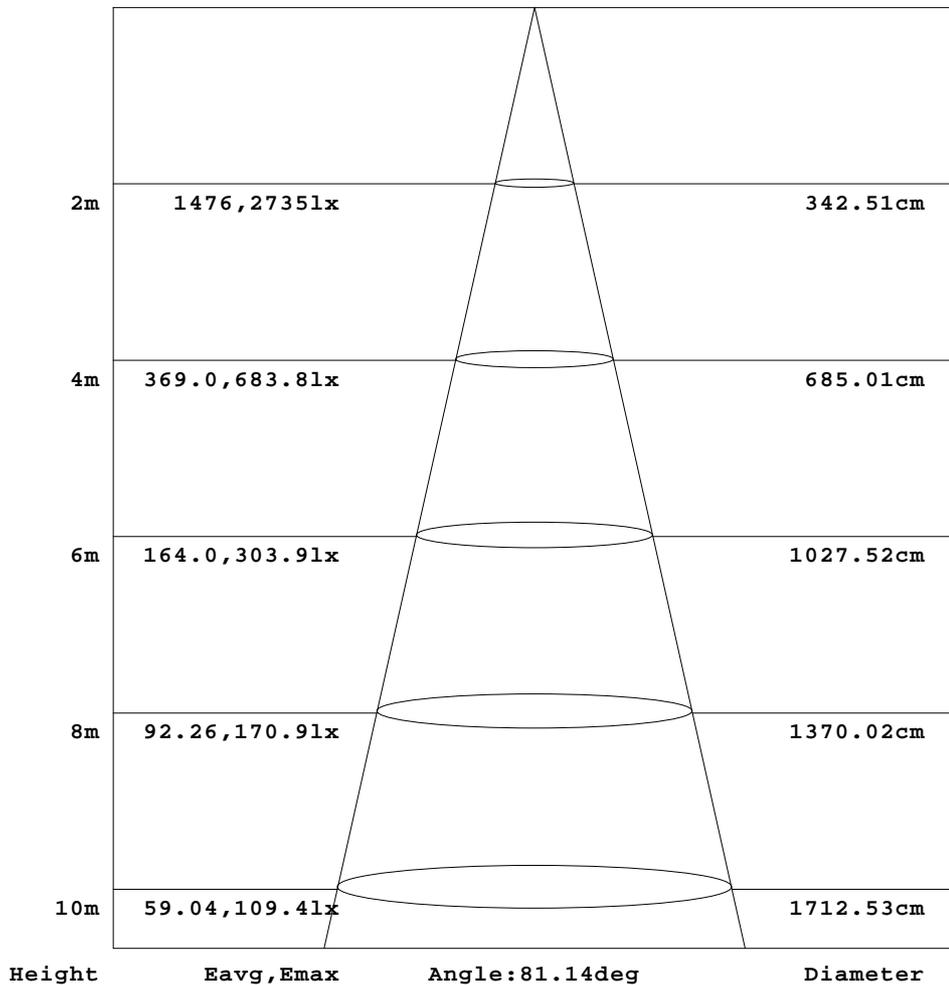
V(B) Range:-90 - 90DEG
V(B) Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:7.660m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

AAI Figure

Test:U:219.8V I:0.6598A	POWER:148.5W	PF:0.9892	Lamp Flux:21896.32 lm
NAME: UFO HIGH BAY LIGHT	TYPE: LED	WEIGHT:2790G	
LED CHIP:PHILIPS LUMILEDS LUXEON 3030 2D	DIM.:Φ310*H120mm	SERIAL No.:TST-UFO/SLM-150W	
LED CHIP QTY: 210PCS	C R index Ra: ≥80	MFR.: EVERFINE	

Flux out:14017 lm



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

H(β) Range:-90 - 90DEG
H(β) Interval: 0.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-06-19

V(B) Range:-90 - 90DEG
V(B) Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:7.660m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.8V I:0.6598A	POWER:148.5W	PF:0.9892	Lamp Flux:21896.32 lm
NAME: UFO HIGH BAY LIGHT		TYPE: LED	WEIGHT:2790G
LED CHIP:PHILIPS LUMILEDS LUXEON 3030 2D		DIM.:Φ310*H120mm	SERIAL No.:TST-UFO/SLM-150W
LED CHIP QTY: 210PCS		C R index Ra: ≥80	MFR.: EVERFINE

Table--1

UNIT: ×10cd

H(DEG) V(DEG)	-90	-85	-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
-90	0.25	0.31	0.38	0.44	0.50	0.56	0.63	0.60	0.57	0.54	0.51	0.48	0.45	0.44	0.43	0.42	0.41	0.39	0.38
-85	0.25	0.35	0.43	0.53	0.65	0.84	1.25	1.73	2.35	3.09	3.92	4.83	5.83	6.90	7.92	8.86	9.73	10.5	11.2
-80	0.25	0.38	0.53	0.90	1.58	2.55	3.79	5.42	7.37	9.58	12.0	14.6	17.2	19.3	21.2	22.9	24.5	25.9	27.0
-75	0.25	0.42	0.76	1.56	2.81	4.48	6.55	9.27	12.6	16.5	20.8	25.1	29.3	32.6	35.4	37.8	39.8	41.5	42.7
-70	0.25	0.46	1.06	2.25	4.01	6.33	9.48	14.5	20.3	26.2	32.3	38.2	43.7	47.8	51.1	54.0	56.4	58.2	59.4
-65	0.25	0.52	1.36	2.89	5.10	8.57	14.8	21.8	29.7	37.4	44.9	51.9	58.4	63.9	68.4	72.2	75.4	77.8	79.3
-60	0.25	0.59	1.63	3.44	6.22	13.0	21.4	30.2	39.9	49.2	58.2	66.8	74.8	81.9	88.5	95.0	100	104	106
-55	0.25	0.66	1.86	3.88	8.67	18.3	28.7	39.2	50.4	61.8	73.0	84.1	96.3	108	120	132	143	151	155
-50	0.25	0.73	2.04	4.30	12.4	24.2	36.3	48.4	61.7	75.9	91.6	109	129	153	180	209	234	252	260
-45	0.25	0.79	2.16	5.12	16.4	29.9	43.8	58.4	74.1	93.1	117	149	191	239	292	344	386	413	425
-40	0.25	0.83	2.22	6.70	20.6	35.5	51.3	68.8	88.8	116	156	217	291	371	446	511	560	592	605
-35	0.25	0.86	2.22	8.73	24.3	40.7	59.1	79.7	107	148	219	312	416	514	597	663	714	749	768
-30	0.25	0.87	2.16	10.7	27.7	45.7	66.6	91.6	129	193	295	418	537	637	717	782	836	877	901
-25	0.25	0.88	2.06	12.7	30.5	50.4	73.9	104	157	252	379	514	633	728	809	873	927	970	1000
-20	0.25	0.87	1.94	14.2	33.1	54.5	80.2	118	187	309	455	592	702	798	878	936	980	1021	1055
-15	0.25	0.85	1.77	15.6	35.0	58.0	86.3	131	218	360	516	649	757	851	920	968	1003	1041	1078
-10	0.25	0.82	1.55	16.4	36.4	60.5	90.9	143	247	401	559	687	798	885	941	976	1009	1041	1081
-5	0.25	0.78	1.31	16.8	37.0	62.0	93.9	151	267	427	583	711	822	903	953	983	1000	1022	1059
0	0.25	0.74	1.05	16.7	37.1	62.5	95.1	155	276	439	593	719	830	907	956	984	998	1011	1042
5	0.25	0.78	1.34	16.9	37.3	62.7	95.8	156	275	436	588	711	819	895	944	971	986	997	1019
10	0.25	0.83	1.59	16.7	36.8	61.8	94.4	152	263	418	568	690	795	872	923	955	978	994	1021
15	0.25	0.86	1.80	16.0	35.7	59.8	90.9	143	241	388	535	654	757	836	896	938	964	990	1017
20	0.25	0.89	1.95	14.8	33.9	56.7	85.7	131	216	347	488	607	706	795	861	908	940	969	992
25	0.25	0.90	2.01	13.3	31.5	52.7	79.2	118	187	297	428	548	651	737	808	859	900	929	948
30	0.25	0.91	2.09	11.4	28.8	48.0	71.9	104	157	243	358	480	584	668	737	792	835	866	885
35	0.25	0.90	2.15	9.40	25.5	42.8	63.8	90.4	130	192	284	394	499	586	654	707	749	779	798
40	0.25	0.88	2.16	7.27	22.0	37.5	55.7	77.2	106	149	215	299	394	483	556	608	648	675	692
45	0.25	0.84	2.12	5.55	18.0	31.9	47.2	65.0	86.2	116	156	214	281	355	425	480	522	551	567
50	0.25	0.80	2.04	4.42	13.8	26.2	39.1	53.6	70.6	90.5	116	148	188	238	284	328	365	392	406
55	0.25	0.74	1.90	3.72	9.60	20.6	31.4	42.9	57.0	72.0	88.0	106	128	152	176	200	221	237	246
60	0.25	0.67	1.72	3.33	6.61	14.6	24.2	33.6	44.8	56.5	68.7	80.7	92.8	104	115	125	135	142	146
65	0.25	0.60	1.48	2.89	4.87	9.36	16.9	25.4	34.0	43.1	52.4	61.6	70.7	77.9	83.0	87.4	91.4	94.4	96.0
70	0.25	0.54	1.21	2.38	3.96	6.03	10.1	16.8	24.3	31.5	38.6	45.6	52.5	57.4	61.1	64.1	66.5	68.2	69.2
75	0.25	0.47	0.94	1.78	2.99	4.49	6.31	9.63	14.6	20.1	25.9	31.6	37.0	40.5	43.3	45.7	47.7	49.3	50.4
80	0.25	0.41	0.68	1.17	1.91	2.89	4.08	6.23	8.81	11.7	15.0	18.5	22.3	24.8	26.9	28.8	30.5	32.0	33.2
85	0.25	0.37	0.50	0.69	0.96	1.31	1.80	2.79	3.99	5.37	6.88	8.50	10.2	11.3	12.4	13.4	14.3	15.1	15.8
90	0.25	0.33	0.40	0.48	0.56	0.63	0.71	0.75	0.79	0.83	0.88	0.92	0.96	0.96	0.96	0.96	0.96	0.96	0.96

H_(h) Range:-90 - 90DEG
H_(h) Interval: 0.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-06-19

V_(B) Range:-90 - 90DEG
V_(B) Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:7.660m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.8V I:0.6598A	POWER:148.5W	PF:0.9892	Lamp Flux:21896.32 lm
NAME: UFO HIGH BAY LIGHT		TYPE: LED	WEIGHT:2790G
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LED CHIP QTY: 210PCS		C R index Ra: ≥80	MFR.: EVERFINE

Table--2

UNIT: ×10cd

H(DEG) V(DEG)	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
-90	0.63	0.88	1.12	1.37	1.61	1.86	2.11	2.35	2.60	2.85	3.10	3.34	2.83	2.31	1.79	1.28	0.76	0.25
-85	11.7	12.2	12.5	12.8	13.0	13.1	11.7	10.4	9.19	8.10	7.16	6.34	4.97	3.72	2.62	1.67	0.88	0.25
-80	27.3	27.4	27.3	26.9	26.2	25.3	22.1	19.1	16.2	13.6	11.2	9.15	6.95	5.05	3.40	2.04	0.98	0.25
-75	43.0	43.0	42.6	41.8	40.7	38.7	34.5	29.9	25.1	20.4	15.9	12.2	8.95	6.26	4.10	2.38	1.08	0.25
-70	60.0	60.1	59.4	58.2	56.3	53.2	47.8	42.0	36.0	29.8	23.4	17.1	11.3	7.47	4.72	2.66	1.16	0.25
-65	80.3	80.3	79.3	77.5	74.8	70.0	63.1	55.5	47.8	40.0	31.9	24.0	15.8	8.99	5.30	2.90	1.23	0.25
-60	108	108	107	103	98.7	90.6	81.1	71.4	61.3	50.9	41.0	31.4	21.7	12.1	5.85	3.09	1.29	0.25
-55	159	158	153	144	134	120	106	91.4	77.1	63.7	50.8	39.0	27.8	16.2	6.83	3.22	1.32	0.25
-50	264	258	242	220	195	170	144	120	97.5	78.5	62.0	47.0	33.8	20.9	8.69	3.30	1.34	0.25
-45	427	414	385	346	302	254	205	162	126	96.8	74.5	55.9	39.6	25.5	11.1	3.32	1.33	0.25
-40	608	591	556	503	443	372	298	226	167	122	89.3	65.3	45.6	29.5	13.7	3.36	1.31	0.25
-35	774	760	724	667	595	508	410	313	221	153	107	75.3	51.8	33.1	16.4	3.48	1.27	0.25
-30	915	908	877	820	742	642	529	408	290	192	128	86.2	58.0	36.5	18.9	3.78	1.21	0.25
-25	1021	1023	1001	949	871	767	641	502	361	237	150	97.0	63.7	39.5	20.9	4.03	1.13	0.25
-20	1084	1100	1088	1047	976	873	738	587	430	284	175	109	69.0	42.3	22.6	4.52	1.04	0.25
-15	1114	1139	1140	1114	1053	951	818	658	490	327	197	119	73.4	44.4	23.7	4.82	0.93	0.25
-10	1124	1155	1169	1151	1097	1004	875	713	537	361	217	128	77.1	45.9	24.4	4.91	0.82	0.25
-5	1108	1155	1176	1166	1121	1036	913	750	569	385	230	133	79.3	46.6	24.6	4.81	0.70	0.25
0	1092	1145	1177	1172	1131	1052	932	770	586	397	237	136	80.0	46.5	24.4	4.50	0.57	0.25
5	1066	1121	1154	1149	1111	1034	918	760	580	394	235	135	79.7	46.8	24.7	4.86	0.71	0.25
10	1064	1107	1130	1122	1080	1003	887	733	558	378	225	131	77.9	46.2	24.5	5.02	0.84	0.25
15	1056	1086	1096	1082	1036	957	840	689	521	350	209	123	74.5	44.9	23.9	4.98	0.97	0.25
20	1026	1049	1051	1029	978	896	777	632	471	312	188	113	70.3	42.9	22.9	4.74	1.08	0.25
25	977	995	994	962	904	815	698	560	409	266	163	102	65.0	40.1	21.3	4.29	1.18	0.25
30	909	920	914	876	809	719	607	476	339	219	139	90.2	59.3	37.2	19.4	4.07	1.27	0.25
35	816	820	805	767	699	610	501	381	265	175	116	78.1	53.1	33.8	16.9	3.78	1.33	0.25
40	703	699	680	641	573	486	386	285	199	137	96.3	67.7	47.1	30.2	14.3	3.66	1.38	0.25
45	570	560	534	493	430	352	272	200	146	108	78.3	58.0	40.9	26.4	11.8	3.60	1.41	0.25
50	407	394	369	333	285	230	181	141	110	84.0	64.8	49.0	34.9	21.9	9.42	3.57	1.41	0.25
55	246	238	222	199	175	149	124	103	83.6	67.8	53.3	40.6	29.1	17.3	7.53	3.48	1.39	0.25
60	146	142	135	126	116	104	90.6	78.5	66.5	54.7	43.2	32.9	23.0	13.2	6.43	3.31	1.35	0.25
65	96.0	94.6	91.9	88.9	85.2	79.2	70.7	61.8	52.5	43.2	34.2	25.6	17.3	9.99	5.77	3.11	1.30	0.25
70	69.7	69.5	68.7	67.3	65.2	61.5	54.7	47.6	40.4	33.2	25.9	18.9	12.6	8.16	5.10	2.85	1.22	0.25
75	50.8	50.8	50.4	49.5	48.3	46.1	40.7	35.0	29.3	23.6	18.2	13.5	9.79	6.77	4.41	2.53	1.14	0.25
80	33.5	33.6	33.4	32.9	32.2	31.1	27.1	23.1	19.3	15.8	12.7	9.92	7.53	5.43	3.64	2.16	1.04	0.25
85	16.2	16.5	16.7	16.8	16.8	16.7	14.8	13.0	11.2	9.62	8.15	6.81	5.31	3.98	2.80	1.79	0.94	0.25
90	1.49	2.03	2.56	3.09	3.63	4.16	4.10	4.05	3.99	3.93	3.87	3.81	3.22	2.62	2.03	1.43	0.84	0.25

H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-06-19

V(B) Range:-90 - 90DEG
V(B) Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:7.660m [K=1.0000]
Remarks: