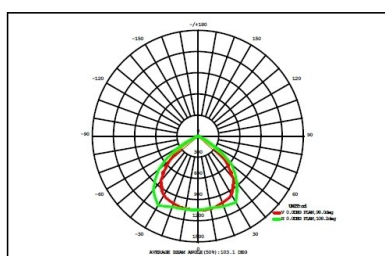


Szczegółowe testy oświetlaczy zostały przeprowadzone przez producenta SonneTech za pomocą profesjonalnego urządzenia GO-2000 firmy Evermine.



1. Luminaire photometric test report



DATA OF LAMP		SonneTech Eff:86.87lm/W	
MODEL	STH-30W-4K	Imax (cd)	1135
NOMINAL POWER (W)	32	AVAILABILITY (%)	97.6
RATED VOLTAGE (V)	220	Avai. FLUX(lm)	2628
NOMINAL FLUX(lm)	2693.54	LOR (%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	2694
TEST VOLTAGE (V)	220.7	θ @50% (H, V)	88,108DEG

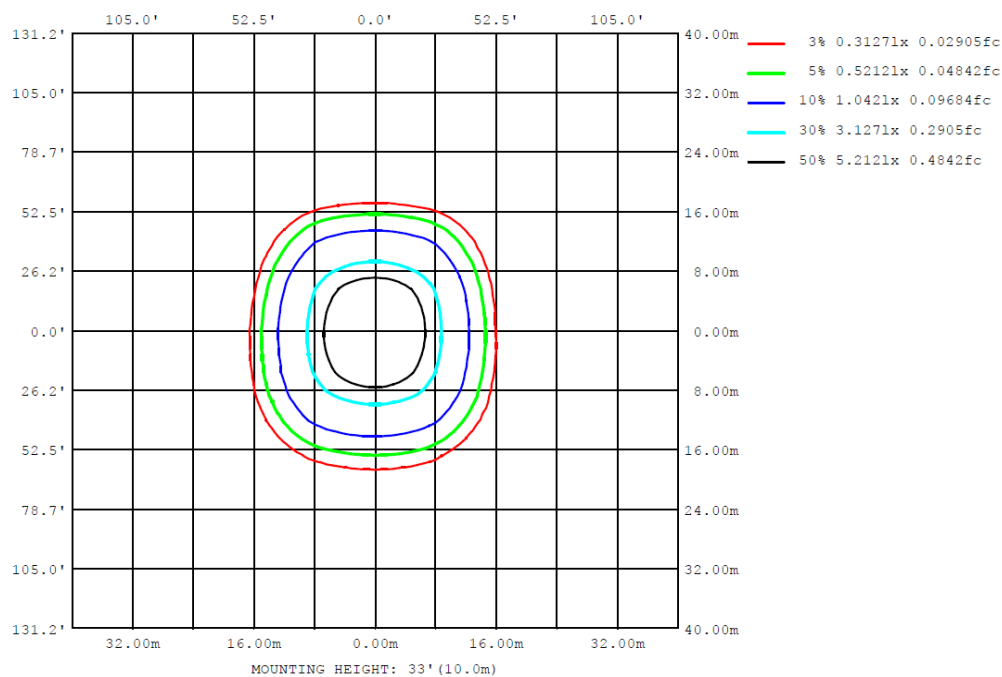
		AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
VERTICAL (DEG)	90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.04	0.18	0.35	0.47	0.55	0.62	0.69	0.71	0.70	0.68	0.72	0.71	0.64	0.57	0.49	0.36	0.19	0.04	8.71	0.00
	70	0.04	0.19	0.29	0.40	0.57	1.27	2.25	2.95	3.14	3.15	2.96	2.51	1.52	0.70	0.41	0.30	0.19	0.05	22.9	14.7
	60	0.05	0.18	0.31	0.47	1.76	5.15	9.29	11.5	12.2	12.2	11.4	9.62	5.87	2.29	0.60	0.32	0.18	0.05	83.4	78.9
	50	0.05	0.18	0.34	0.92	5.21	12.2	18.9	21.7	22.9	22.9	21.5	18.9	13.0	6.02	1.34	0.34	0.19	0.05	167	164
	40	0.05	0.19	0.35	2.28	8.77	17.7	24.4	27.8	29.3	29.4	27.8	24.6	18.3	9.64	2.84	0.40	0.19	0.05	224	222
	30	0.05	0.19	0.41	3.81	11.5	20.9	27.6	31.3	33.2	33.2	31.4	27.8	21.4	12.2	4.32	0.55	0.20	0.05	260	258
		0.05	0.19	0.61	4.96	12.9	21.5	27.0	30.0	31.6	31.6	30.0	27.0	21.7	13.4	5.31	0.76	0.21	0.05	259	257
		0.05	0.19	0.77	5.52	13.6	21.9	27.1	29.9	31.3	31.3	29.8	27.0	22.0	14.0	5.87	0.92	0.22	0.06	261	260
		0.05	0.20	0.83	5.66	13.8	22.2	27.4	30.3	31.7	31.8	30.3	27.4	22.2	14.1	5.95	0.94	0.23	0.06	265	264
		0.05	0.21	0.76	5.25	13.4	22.0	27.4	30.4	31.9	31.9	30.3	27.4	22.1	13.6	5.57	0.82	0.24	0.06	263	262
	-30	0.06	0.21	0.61	4.41	12.4	21.7	28.0	31.4	33.1	33.0	31.2	27.8	21.6	12.5	4.63	0.61	0.24	0.06	263	262
		0.06	0.21	0.48	3.15	10.4	20.1	27.5	31.3	33.0	32.9	31.0	27.2	20.1	10.5	3.20	0.48	0.24	0.06	252	250
	-50	0.05	0.21	0.42	1.70	7.12	15.2	22.2	25.2	26.5	26.5	25.1	22.0	15.1	7.14	1.58	0.46	0.24	0.06	197	194
		0.05	0.20	0.39	0.71	3.26	8.21	13.3	15.7	16.7	16.7	15.7	13.2	7.88	3.06	0.66	0.44	0.23	0.06	117	113
	-70	0.05	0.20	0.36	0.53	0.79	2.23	4.23	5.33	5.71	5.70	5.28	3.95	1.97	0.75	0.57	0.41	0.23	0.06	38.3	28.6
		0.04	0.18	0.33	0.49	0.59	0.50	0.51	0.53	0.54	0.55	0.55	0.53	0.53	0.62	0.55	0.38	0.21	0.05	7.68	0.00
	-80	0.02	0.08	0.16	0.23	0.28	0.32	0.33	0.31	0.30	0.31	0.33	0.35	0.34	0.30	0.25	0.18	0.08	0.02	4.17	0.00
	-90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	
Φ t		0.82	3.19	7.77	41.0	117	214	288	326	344	344	325	288	216	121	44.1	8.66	3.51	0.91	2694	---
Φ a		0.00	0.00	1.65	35.0	113	209	285	324	342	341	323	285	212	117	38.3	1.93	0.00	0.00	---	2628

one-half-peak spread: U:24.5,D:21.8 , L:42.2,R:46.NEMA Beam Type: Type 6 x 7 (H x V)

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators: SonneTech
Test Date:2015-11-16

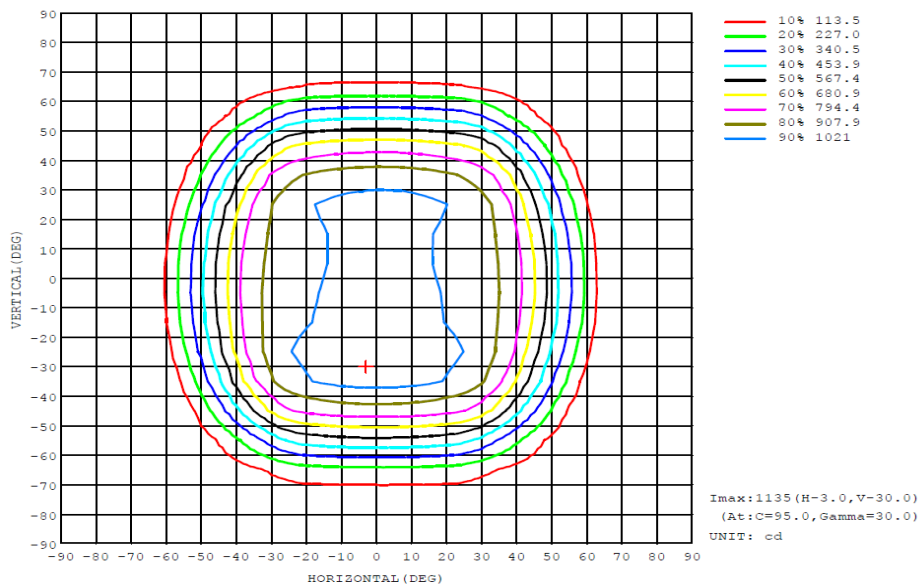
V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.279
Humidity:65.0%
Test Distance:14.420m [K=1.0000]
Remarks:

2. Isolux diagram

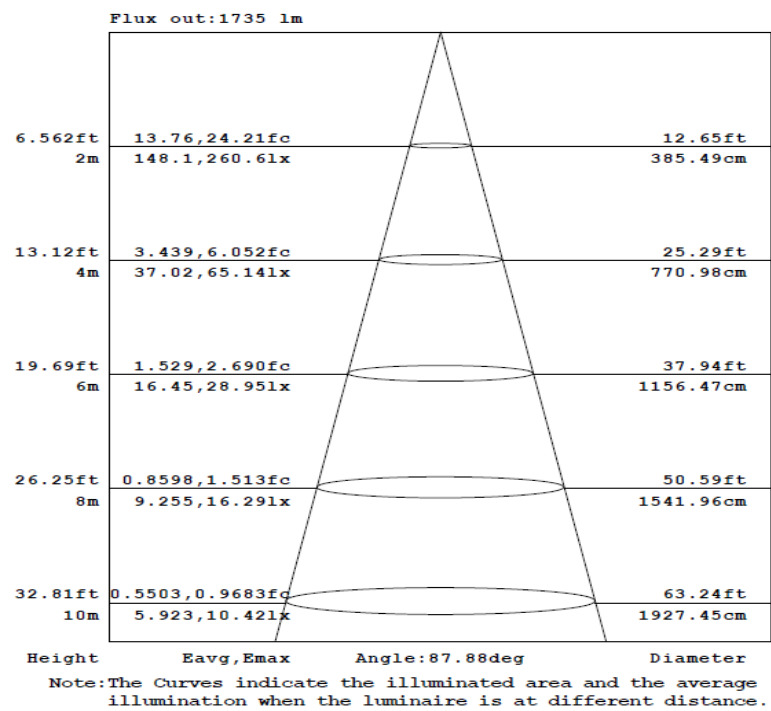


3. Izokandela diagram

Wykres przedstawia rozkład linii o jednakowej światłości.



4. AAI figure



5. Plannar illuminance curve

