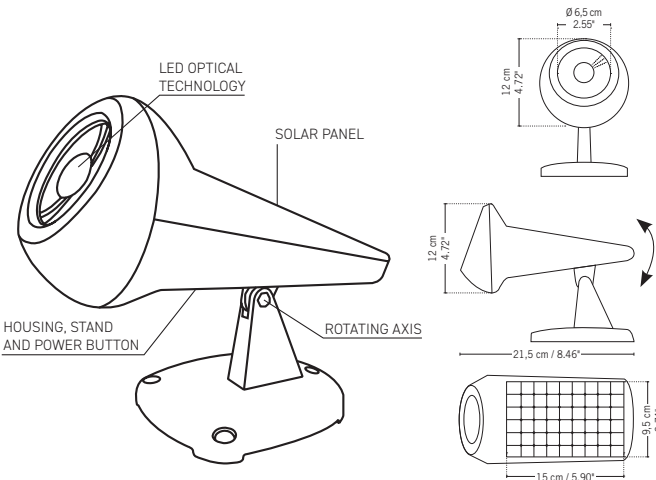


OJE SOLAR SPOTLIGHT

600 LUMENS



Example of positioning in Aix-en-Provence. Autonomy for 2 periods: July and December.

Hypothesis: 2.4W solar panel and new batteries.

South facing						
Azimuth°	0	0	0	0	0	0
Angle°	0	15	30	45	60	75
Wh décembre	111	194	259	305	330	335
Lumens for December in Mode 1	76	137	185	209	209	209
Average autonomy at 600 lm in December	00:57	01:40	02:13	02:37	02:50	02:52
Wh juillet	488	497	481	439	374	290
Lumens for July in Mode 1	370	370	370	370	370	368
Average autonomy at 600 lumens in July	04:11	04:16	04:07	03:46	03:12	02:29
South-east / West facing						
Azimuth°	45	45	45	45	45	45
Angle°	0	15	30	45	60	75
Wh décembre	111	170	214	242	254	250
Lumens for December in Mode 1	76	119	152	172	181	178
Average autonomy at 600 lm in December	00:57	01:27	01:50	02:04	02:10	02:08
Wh juillet	488	491	474	439	389	327
Lumens for July in Mode 1	370	370	370	370	370	370
Average autonomy at 600 lumens in July	04:11	04:13	04:04	03:46	03:20	02:48
East / West facing						
Azimuth°	90	90	90	90	90	90
Angle°	0	15	30	45	60	75
Wh décembre	111	111	111	110	106	97
Lumens for December in Mode 1	76	76	76	75	72	65
Average autonomy at 600 lm in December	00:57	00:57	00:57	00:56	00:54	00:50
Wh juillet	488	475	444	405	362	316
Lumens for July in Mode 1	370	370	370	370	370	370
Average autonomy at 600 lumens in July	04:11	04:04	03:48	03:28	03:06	02:42
North-east / West facing						
Azimuth°	135	135	135	135	135	135
Angle°	0	15	30	45	60	75
Wh décembre	111	53	22	15	15	17
Lumens for December in Mode 1	76	33	10	5	5	7
Average autonomy at 600 lm in December	00:57	00:27	00:11	00:07	00:07	00:08
Wh juillet	488	457	399	328	266	222
Lumens for July in Mode 1	370	370	370	370	337	280
Average autonomy at 600 lumens in July	04:11	03:55	03:25	02:49	02:17	01:54
North facing						
Azimuth°	180	180	180	180	180	180
Angle°	0	15	30	45	60	75
Wh décembre	111	28	10	12	14	16
Lumens for December in Mode 1	76	15	1	3	4	6
Average autonomy at 600 lm in December	00:57	00:14	00:05	00:06	00:07	00:08
Wh juillet	488	451	385	289	174	112
Lumens for July in Mode 1	370	370	370	366	218	138
Average autonomy at 600 lumens in July	04:11	03:52	03:18	02:28	01:29	00:57

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ZAC du Parc de la Duranne
13857 Aix-En-Provence - France

Imported by:
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TECHNICAL FILE

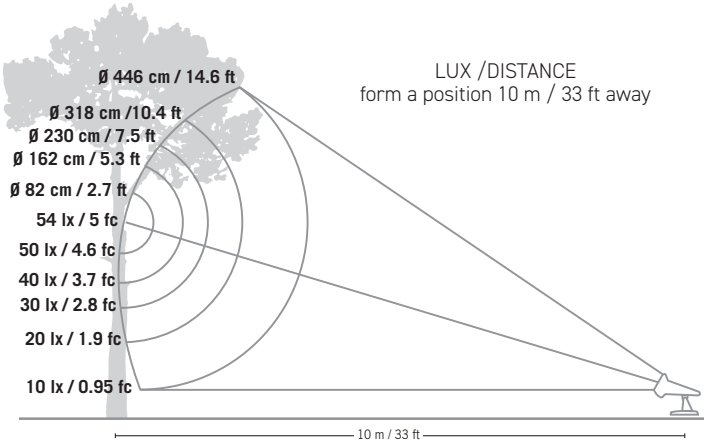
REF. : SPOT002

DATE : 29 APRIL 2026 - V2



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Item	Unit	Value
Nominal luminous Flux	lm	600
Minimum dimmed luminous Flux	lm	6
Lifetime at LED temperature of 85°C L70B50	hours	> 72600
Color temperature	K	2700
CRI		70
Nominal light beam angle	°	24
Measured light beam angle (100 to 20% light intensity)	°	28
Measured light beam angle (100 to 10% light intensity)	°	34
Diffuse lit zone		No edge
Color Kitting CIE x at 350lm 25°C nominal		0,434
Color Kitting CIE Y at 350lm 25°C nominal		0,403
Color Kitting MacAdam ellipse major axis angle	°	53
Color Kitting MacAdam ellipse major axis		0,009
Color Kitting MacAdam ellipse minor axis		0,0045
Storage temperature	°C	-20 to 60
Charging temperature	°C	-10 to 60
Discharge temperature	°C	-20 to 60
Expected battery lifespan to 70 % remaining capacity	years	3 to 6
Battery format		18650
Battery nominal voltage	V	3,65
Battery nominal capacity	mAh	5200
Battery life at 600 lm	hours	4,5
Battery life at 150 lm	hours	19
Solar panel power	W	2,4
Solar panel coating		ETFE
Solar cell type		Monocrystalline
Timer setting range	% of night	10-100
Timer setting resolution	% of night	10
Weatherproofing		IP66
Weight	kg	0,52
Available working modes		Smart
		Personalized
		Forced on
EMC radiated immunity		EN61547:2009 level 2
Electrostatic discharge immunity		EN61547:2009 level 2 criteria B
Radiated emissions		EN 55015:2019 Table 10
Photobiological safety group		EN62471:2008 exempt



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