

Lamp life measurement report

Product

Type	1000W 400V DE	Aruna Active Antenna
Batch code(s)	6375	
Production date	09-2016	
Installation	09-2016	
Quantity	10.500	

Initial performance

Burn-in	100	hrs	
PAR output	2101	μmol/s	average 6 lamps
Lamp voltage	236,8	V	no sleeve for batch 6375

Life performance data

Life	5.200	hrs	
Date measured	04-04-2018		
PAR output	2042	μmol/s	
PAR decrease	0,54%	per 1000 hrs	
Lamp voltage	266,8	V	
Voltage increase	5,4	V per 1000 hrs	

Measurements

Lamp no.	V lamp	PAR @ 1000 Watt
6375 - used	286,1	2043
6375 - used	277,7	2015
6375 - used	249,9	2041
6375 - used	286,8	2035
6375 - used	246,4	2055
6375 - used	254,0	2057
Average	266,8	2042
6375 - NEW	240,4	2100
6375 - NEW	238,6	2079
6375 - NEW	239,3	2087
6375 - NEW	252,0	2111
6375 - NEW	227,8	2117
6375 - NEW	234,5	2109
Average	238,8	2101

Measurement equipment

Manufacturer	Everfine	Model	HAAS-1200
Bandwidth	350-1000nm	Wavelength accuracy	±0.3nm
Linearity	1%	Photometric Accuracy	±1%
Driver	Aruna EV 1000W 400V		