

PHOTOMETRIC TEST REPORT

Customer Company & Address

Artemide SPA
Via Bergamo 18, 20010 - Pregnana Milanese (MI) - Italy

Manufacturer: Artemide SPA
Model Number: BASOLO
Product Type: Outdoor LED Luminaire
Product Description: LED luminaire for outdoor installation. The luminaire is equipped with one LED module and electronic control gear. The optical system is composed by asymmetric reflector and transparent flat glass cover.


LED Model: CREE CXA2530
Power Supply Model: INVENTRONICS mod.: EUC-042S070PS

Electrical Ratings:
Input Voltage (V): 120
Input Current (A): -
Input Power (W) 28
Input Frequency (Hz): 60

Photometric Measurement: Absolute
Reference Standard: IES LM-79-08
Sample number: 2022143
Total report pages: 9

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Prepared By
Giovanni Di Martino



Name & Signatory

Approved By
Walter Parmiani



Name & Signatory

TEST RESULTS SUMMARY

Test Method: Integrating Sphere
Photometric Measurement: Absolute
Test Date: 2015/1/8

Environmental Conditions:

		Unit
Ambient Temperature:	24,5	°C
Relative Humidity:	21,3	%

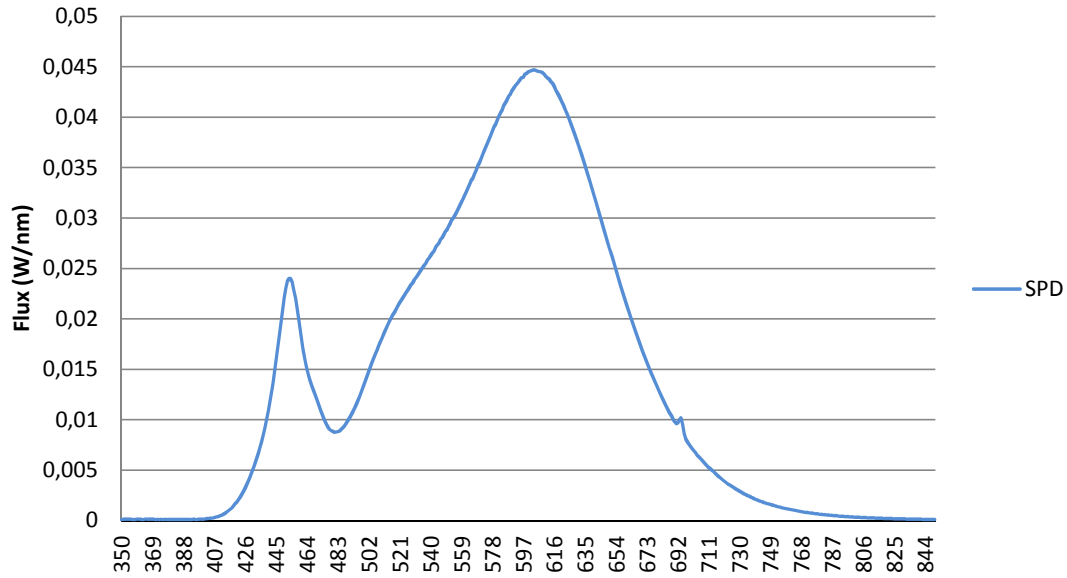
Electrical Conditions:

		Unit
Input Voltage:	120	V
Input Current:	0,242	A
Input Power:	28,45	W
Input Frequency:	60	Hz
THD V:	0,2	%
Power Factor:	0,98	

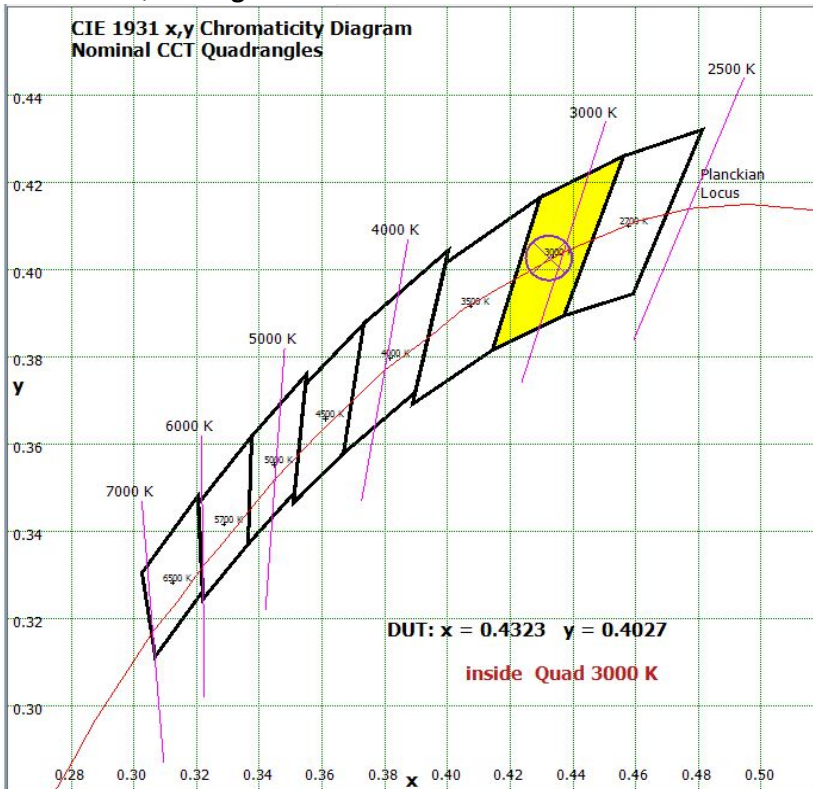
Photometric results:

		Unit
Chrom x	0,4323	
Chrom y	0,4027	
Chrom u	0,2482	
Chrom v	0,3468	
Duv	0,0001	
Chrom u'	0,2482	
Chrom v'	0,5202	
Peak	603,7	nm
Dominant	582,5	nm
CCT	3066	K
CRI	82,89	
R9	10,7	
Pre-burning time:	0,50	hrs
Stabilization time:	60	min
Test configuration:	4pi	

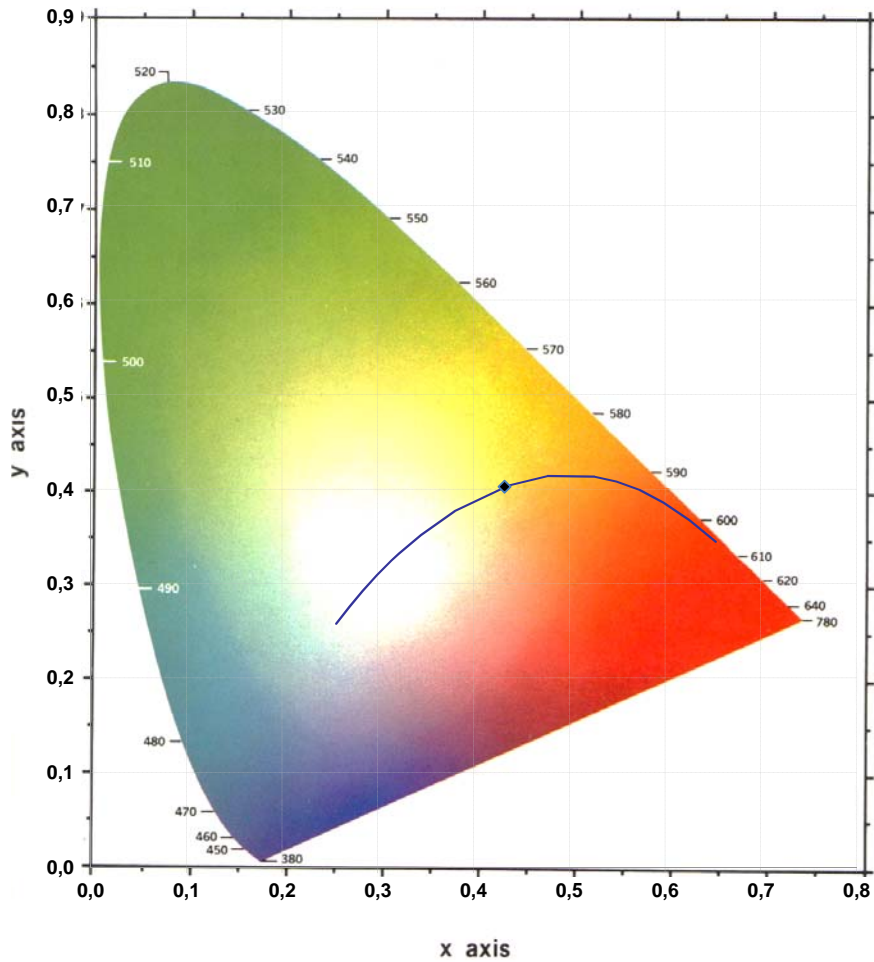
Spectral Power Distribution



ANSI CCT Quadrangles



Chromaticity Diagram CIE 1931



TEST RESULTS SUMMARY

Test Method: Goniophotometer
Photometric Measurement: Absolute
Test Date: 2015/1/8

Environmental Conditions:

		Unit
Ambient Temperature:	24,5	°C
Relative Humidity:	22,3	%

Electrical Conditions:

		Unit
Input Voltage:	119,63	V
Input Current:	0,242	A
Input Power:	28,37	W
Input Frequency:	60	Hz
THD V:	0,2	%

Photometric results:

		Unit
Total Luminous Flux:	2070,82	Lm
System Efficacy:	72,99	Lm/W
Pre-burning time:	1,00	hrs
Stabilization time:	30	min
Test distance:	8,62	m

Dimensions:

	L	W	H	Unit
Sample:	160	160	160	mm
Luminous Area:	110	110	0	mm

Picture of the tested sample:



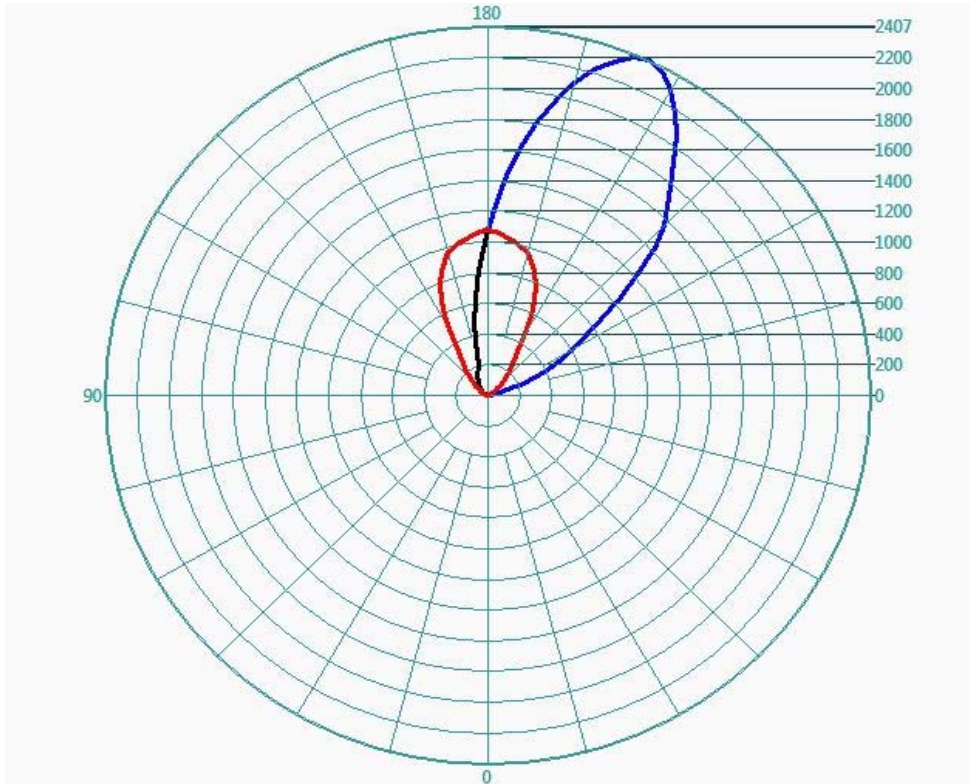
TEST EQUIPMENT

Local ID	Description	Model	Last Cal	Next Cal
BURVS0074	Goniophotometer system	LSI 6440T	2014/4/22	By evidence
BURVS0065	Digital power meter	Yokogawa WT210	2014/10/27	2015/10/28
BURVS0079	OMEGA MDSi8	OMEGA MDSi8	2014/9/1	2015/9/28
AT529	Ambient temp recorder	OMEGA lserver	2014/4/7	2015/4/28
BURVS0053	Integrating sphere	Labsphere CSTM-LMS	2015/1/7	By evidence
BURVS0058	Spectroradiometer	Labsphere CDS-1100	2015/1/7	By evidence
BURVS0062	AC PSU	Chroma 61603	Reference	Reference
BURVS0059	Digital power meter	Yokogawa WT210	2014/10/27	2015/10/28
BURVS0054	Thermometer	OMEGA MDSi8	2014/9/1	2015/9/28
AT525	Ambient temp recorder	OMEGA lserver	2014/4/7	2015/4/28
BURVS0078	AC PSU	ELGAR CW 1251	Reference	Reference

Notes

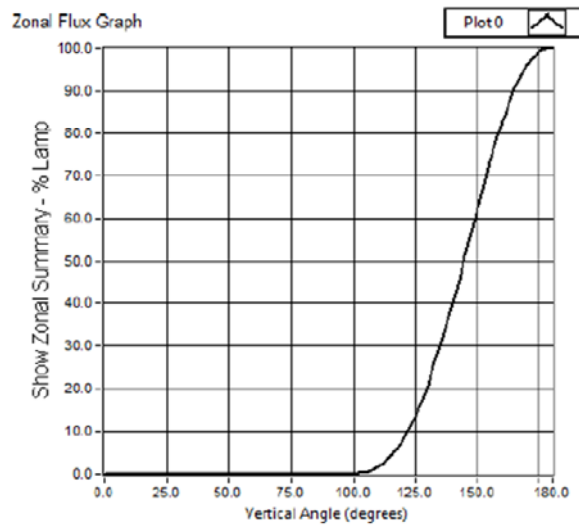
The results of this test extends to the suspended and to the 230 V version of this product.

POLAR PLOT (cd)



ZONAL LUMEN SUMMARY

	Summary Zonal Lumens	Zonal Lumens - % Lamp	Zonal Lumens - % Fixture
0 to 30	0.00	0.00	0.00
0 to 40	0.00	0.00	0.00
0 to 60	0.00	0.00	0.00
0 to 90	0.00	0.00	0.00
40 to 90	0.00	0.00	0.00
60 to 90	0.00	0.00	0.00
90 to 180	2070.82	100.00	100.00
0 to 180	2070.82	100.00	100.00



MAX CONE AND PLANE

