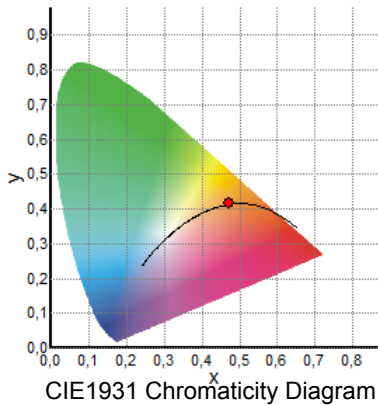


# Spectrum Test Report

## Product Description

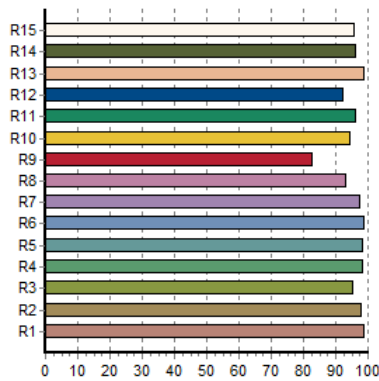


Product Name	COSMOS 12
Date	20.11.2015
Manufacturer	CENTRSVET
Tester	Vadim Frolochkin
Temperature: 25 deg	Re. Humidity: 65%
Spectrum Range: 380 ~ 780 nm.	Wavelength Step: 1 nm.



## Photometry and Chromaticity

CIE_x	0,4714		
CIE_y	0,4178		
CIE_u'	0,2667		
CIE_v'	0,5318		
CCT(K)	2601		
PPFD (μmol/sec m <sup>2</sup> )	141.0		
p (nm)	635,0		
TLCI(Qa)	97,12	GAI	42,5



CRI(Ra)	98	Re(thru R1~R15)	96
Qa	97		
R1	99,2	R6	99,1
R2	98,4	R7	97,7
R3	95,6	R8	93,3
R4	98,6	R9	82,8
R5	98,7	R10	94,6
		R11	96,5
		R12	92,7
		R13	99,2
		R14	96,4
		R15	96,0

Histogram Diagram of CRI

