

Report of Photometry & Chromaticity for Light Source

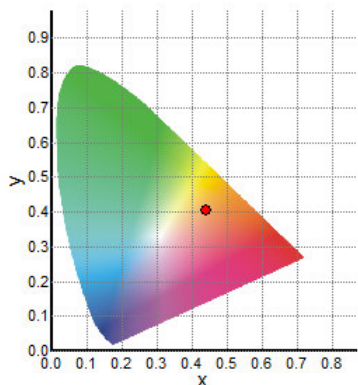


Product Description

Product Name	BioLicht TRICOLOR 3000K		
Sample Number	0001		
Date(YYYY/MM/DD)	2023/1/31 18:11:00		
Manufacturer			
Tester			
Temperature(°C)	27	Re. Humidity(%)	38
Reviewer	Martin Schaufelberger		

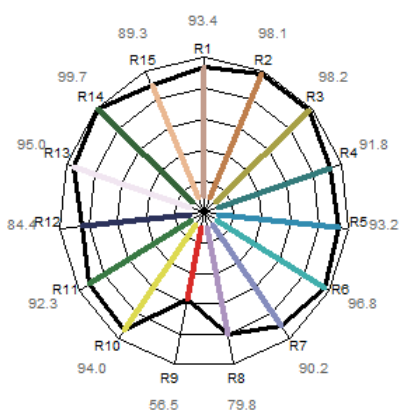
Photometry and Chromaticity

CIE_x	0.4393	Duv	-0.0009
CIE_y	0.4027	λd(nm)	583.3
CIE_u'	0.2527	Purity(%)	53
CIE_v'	0.5212	FWHM(nm)	145
CCT(K)	2949	SP ratio	1.42
Illuminance(lx)	200	PPFD 400-700nm(μmol/m² s)	3.17
λp(nm)	617	CRI(Ra)	93
TLCI(Qa)	90.9	GAI	55.6
GAI BB8	99	GAI BB15	104
TM-30 Rf	90	TM-30 Rg	97



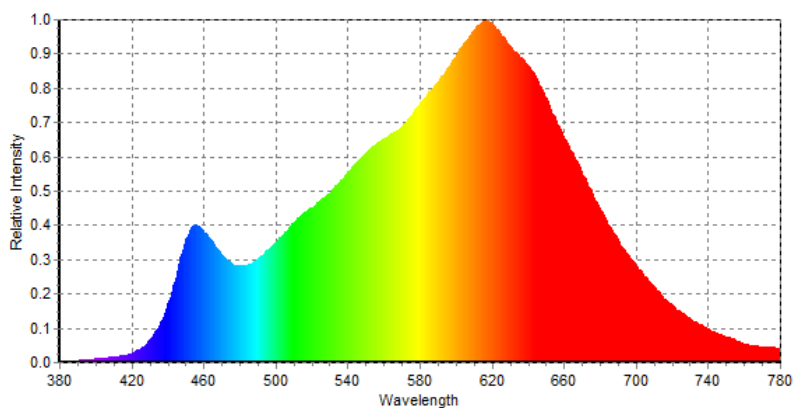
CIE1931 Chromaticity Diagram

CQS-Qa	93	Re(thru R1~R15)	90
R1	93.4	R6	96.8
R2	98.1	R7	90.2
R3	98.2	R8	79.8
R4	91.8	R9	56.5
R5	93.2	R10	94.0
R11	92.3	R12	84.4
R13	95.0	R14	99.7
R15	89.3	R15	89.3

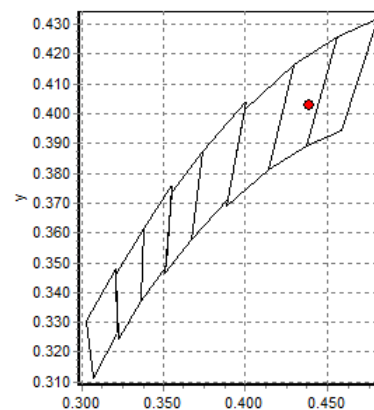


Radar Diagram of CRI

Flicker Frequency(Hz)	80	Flicker %	2
Flicker Index	0.01		



Spectral Distribution



C78.377-2008