

Report of Photometry & Chromaticity for Light Source



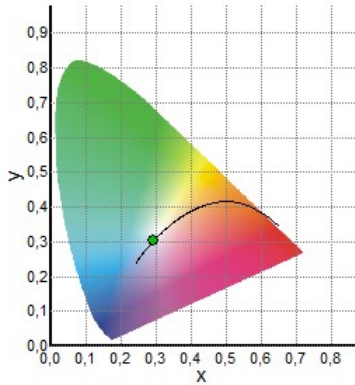
Product Description

Product Name	Pictor
Date(YYYY/MM/DD)	2023/2/23 15:44:03
Manufacturer Tester	FOS Technologies
Temperature(°C)	22
Reviewer	FOS
	Re. Humidity(%)

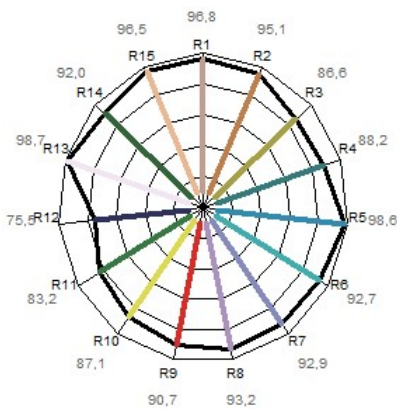
Measurement data :Zoom 18° - 3 meters

Photometry and Chromaticity

CIE_x	0,2939	Duv	0,0006
CIE_y	0,3046	λ_d (nm)	481,6
CIE_u'	0,1938	Purity(%)	16
CIE_v'	0,4518	FWHM(nm)	28
CCT(K)	8109	SP ratio	2,57
Illuminance(lx)	12596	PPFD 400-700nm($\mu\text{mol}/\text{m}^2/\text{s}$)	198,91
λ_p (nm)	448	CRI(Ra)	93
TLCI(Qa)	95,7	GAI	108,7
GAI BB8	106	GAI BB15	107
TM-30 Rf	91	TM-30 Rg	104



CIE1931 Chromaticity Diagram

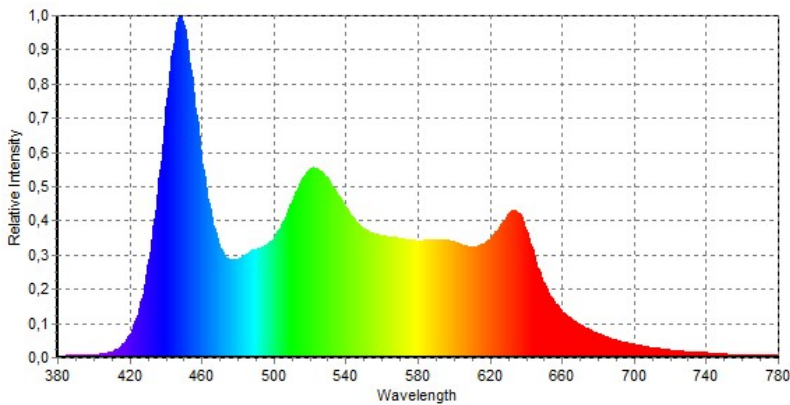


Radar Diagram of CRI

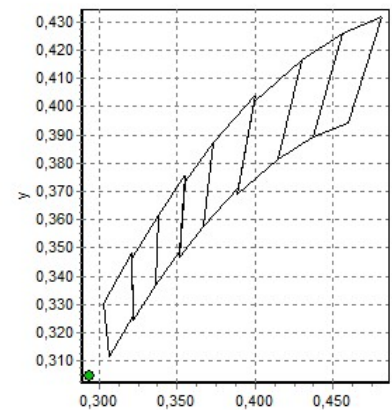
CQS-Qa	94	Re(thru R1~R15)	91
R1	96,8	R6	92,7
R2	95,1	R7	92,9
R3	86,6	R8	93,2
R4	88,2	R9	90,7
R5	98,6	R10	87,1
		R11	83,2
		R12	75,5
		R13	98,7
		R14	92,0
		R15	96,5

Flicker Frequency(Hz)
Flicker Index

Flicker %



Spectral Distribution



C78.377-2008