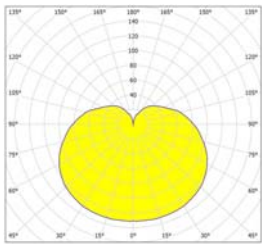


Report of Photometry & Chromaticity for Light Source

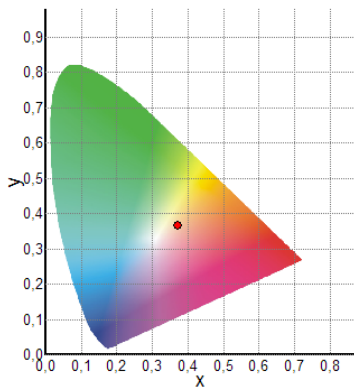


Product Description

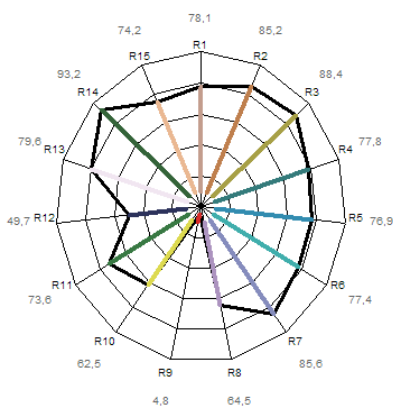
Product Name	Belenus		
Sample Number			
Date(YYYY/MM/DD)	2019/3/13 11:43:57		
Manufacturer	IWOP		
Tester			
Temperature(°C)	21	Re. Humidity(%)	47
Reviewer			

Photometry and Chromaticity

CIE_x	0,3719	Duv	-0,0023
CIE_y	0,3664	λ_d (nm)	580,0
CIE_u'	0,2236	Purity(%)	22
CIE_v'	0,4956	FWHM(nm)	26
CCT(K)	4170	SP ratio	1,66
Illuminance(lx)	5091	PPFD($\mu\text{mol}/\text{m}^2 \text{ s}$)	73,2
λ_p (nm)	451	CRI(Ra)	79
TLCI(Qa)	59,5	GAI	77,7
GAI BB8	95	GAI BB15	101
TM-30 Rf	77	TM-30 Rg	96



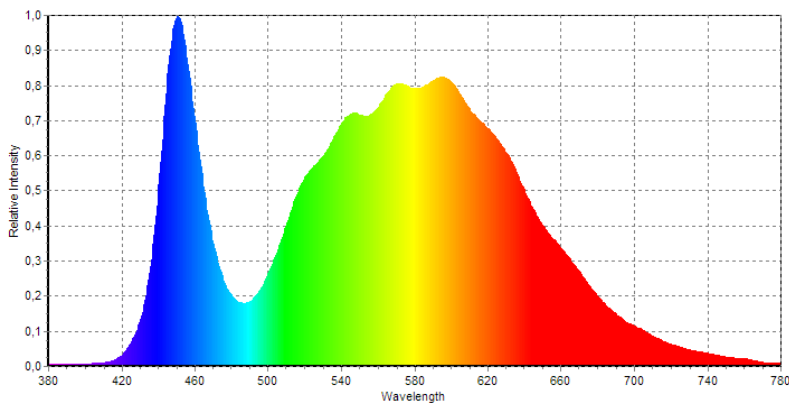
CIE1931 Chromaticity Diagram



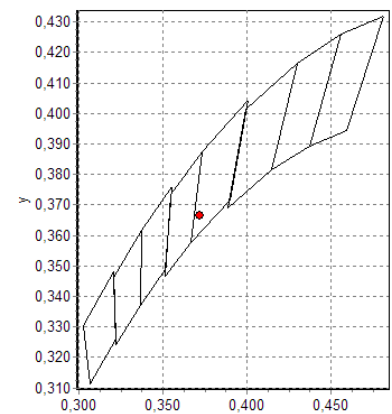
Radar Diagram of CRI

CQS-Qa	77	Re(thru R1~R15)	71
R1	78,1	R6	77,4
R2	85,2	R7	85,6
R3	88,4	R8	64,5
R4	77,8	R9	4,8
R5	76,9	R10	62,5
		R11	73,6
		R12	49,7
		R13	79,6
		R14	93,2
		R15	74,2

Flicker Frequency(Hz)	100	Flicker %	27
Flicker Index	0,07		



Spectral Distribution



C78.377-2008