



Report of Photometry & Chromaticity for Light Source

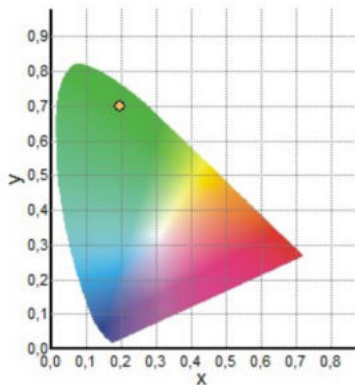
A. Product Description



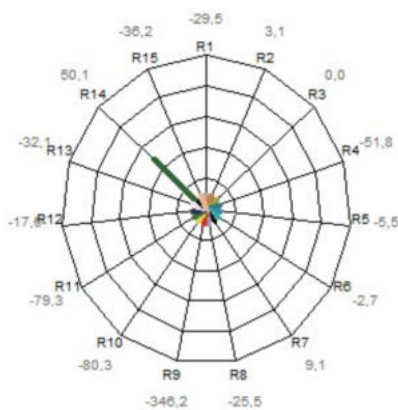
Produktname	IP68 1m GR		
Testobjekt Nummer	7141269675035		
Datum (JJJJ/MM/TT)	2019/8/23 13:01:47		
Hersteller	WellerLED		
Tester	David		
Temperatur(?)	24	Rel. Luftfeuchte(%)	52
Editor			

C. Photometry and Chromaticity

CIE_x	0,1981	Duv	0,1463
CIE_y	0,6989	λ_d (nm)	530,6
CIE_u'	0,0721	Reinheit(%)	78
CIE_v'	0,5723	FWHM(nm)	40
CCT(K)	7480	SP Verhältnis	2,61
Beleuchtungsstärke (lx)	1186	PPFD 400-700nm($\mu\text{mol}/\text{m}^2 \text{ s}$)	10,55
λ_p (nm)	522	CRI(Ra)	-13
TLCI(Qa)	4,8	GAI	1,4
GAI BB8	1	GAI BB15	2
TM-30 Rf	3	TM-30 Rg	15



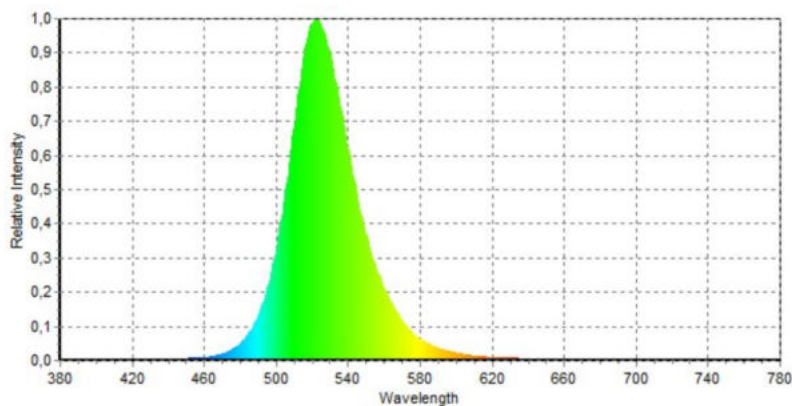
CIE1931 Chromaticity Diagram



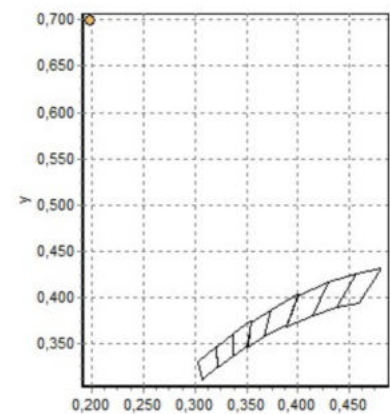
CRI Radardiagramm

CQS-Qa	1	Re(thru R1~R15)	-43
R1	-29,5	R6	-2,7
R2	3,1	R7	9,1
R3	0,0	R8	-25,5
R4	-51,8	R9	-346,2
R5	-5,5	R10	-80,3
		R11	-79,3
		R12	-17,6
		R13	-32,1
		R14	50,1
		R15	-36,2

Flicker Frequency(Hz)	1	Flicker %	0
Flicker Index	0,00		



Spectral Distribution



C78.377-2008