



Report of Photometry & Chromaticity for Light Source

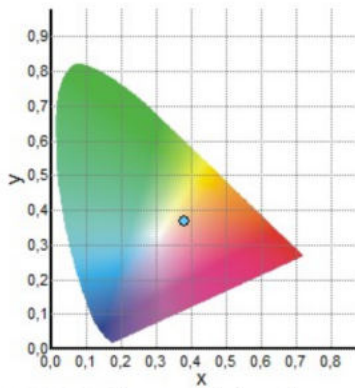
A. Product Description



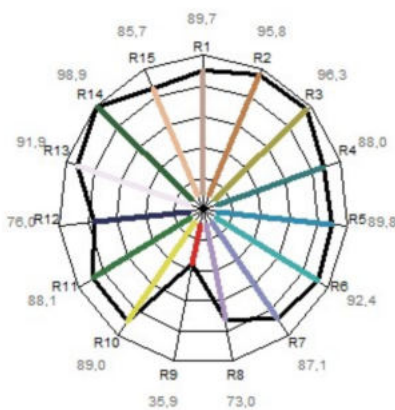
Produktname	Neutralweiß 50cm IP68		
Testobjekt Nummer	7141269676773		
Datum (JJJJ/MM/TT)	2019/8/12 12:23:09		
Hersteller	WellerLED		
Tester	David		
Temperatur(?)	25	Rel. Luftfeuchte(%)	57
Editor			

C. Photometry and Chromaticity

CIE_x	0,3816	Duv	-0,0053
CIE_y	0,3663	λ_d (nm)	582,8
CIE_u'	0,2302	Reinheit(%)	24
CIE_v'	0,4971	FWHM(nm)	157
CCT(K)	3885	SP Verhältnis	1,75
Beleuchtungsstärke (lx)	1137	PPFD 400-700nm($\mu\text{mol}/\text{m}^2 \text{ s}$)	16,72
λ_p (nm)	598	CRI(Ra)	89
TLCI(Qa)	77,8	GAI	79,2
GAI BB8	103	GAI BB15	106
TM-30 Rf	86	TM-30 Rg	98



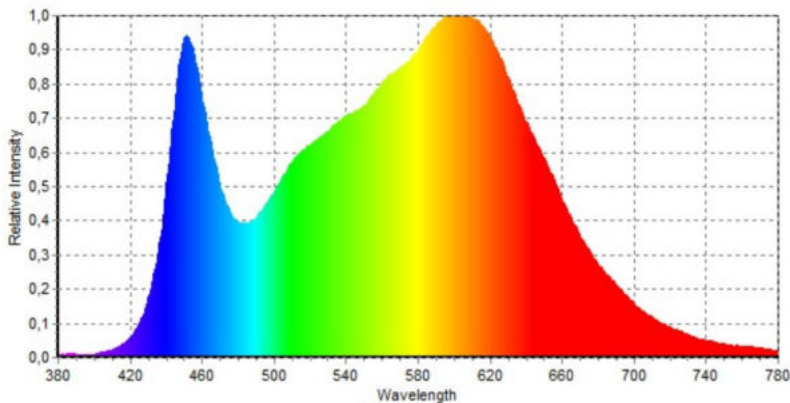
CIE1931 Chromaticity Diagram



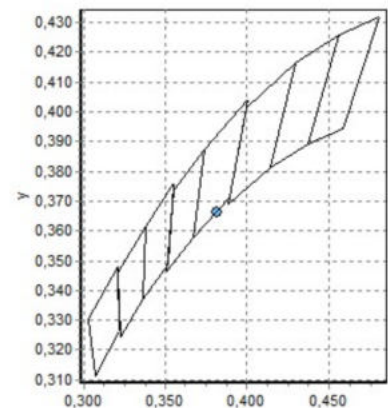
CRI Radardiagramm

CQS-Qa	87	Re(thru R1~R15)	85
R1	89,7	R6	92,4
R2	95,8	R7	87,1
R3	96,3	R8	73,0
R4	88,0	R9	35,9
R5	89,8	R10	89,0
		R11	88,1
		R12	76,0
		R13	91,9
		R14	98,9
		R15	85,7

Flicker Frequency(Hz)	40	Flicker %	0
Flicker Index	0,00		



Spectral Distribution



C78.377-2008