



Report of Photometry & Chromaticity for Light Source

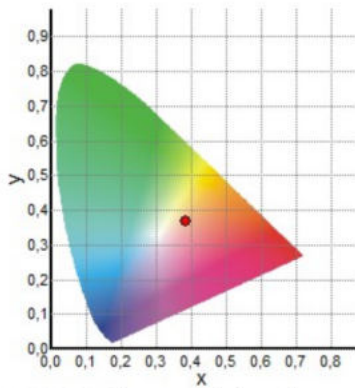
A. Product Description



Produktname	IP68 1m Neutral		
Testobjekt Nummer	7141269675585		
Datum (JJJJ/MM/TT)	2019/8/23 12:50:35		
Hersteller	WellerLED		
Tester	David		
Temperatur(?)	23	Rel. Luftfeuchte(%)	53
Editor			

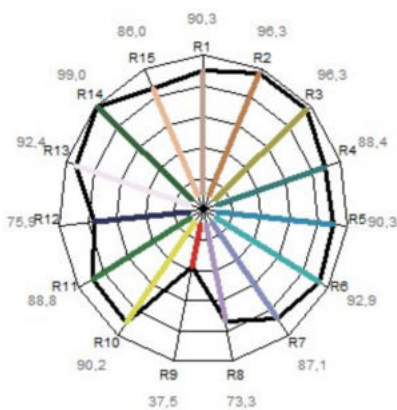
C. Photometry and Chromaticity

CIE_x	0,3855	Duv	-0,0050
CIE_y	0,3693	λ_d (nm)	582,7
CIE_u'	0,2315	Reinheit(%)	26
CIE_v'	0,4990	FWHM(nm)	157
CCT(K)	3804	SP Verhältnis	1,73
Beleuchtungsstärke (lx)	1416	PPFD 400-700nm($\mu\text{mol}/\text{m}^2 \text{ s}$)	$\geq 20,84$
λ_p (nm)	598	CRI(Ra)	89
TLCI(Qa)	79,0	GAI	77,7
GAI BB8	103	GAI BB15	107
TM-30 Rf	87	TM-30 Rg	97



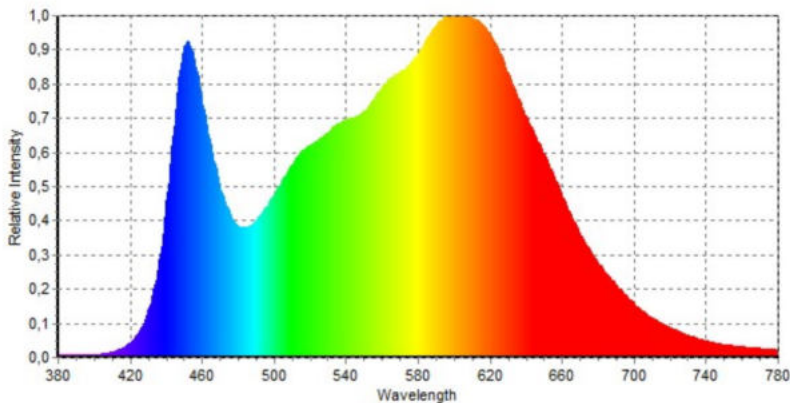
CIE1931 Chromaticity Diagram

CQS-Qa	87	Re(thru R1~R15)	86
R1	90,3	R6	92,9
R2	96,3	R7	87,1
R3	96,3	R8	73,3
R4	88,4	R9	37,5
R5	90,3	R10	90,2
R11	88,8	R12	75,9
R13	92,4	R14	99,0
R15	86,0		

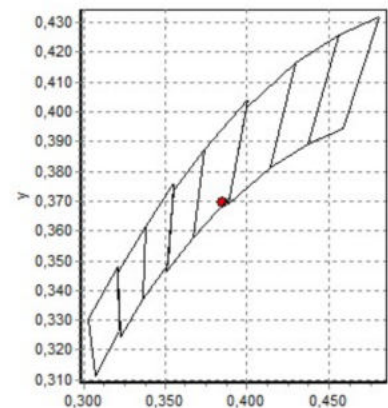


CRI Radardiagramm

Flicker Frequency(Hz)	50	Flicker %	0
Flicker Index	0,00		



Spectral Distribution



C78.377-2008