

Report of Photometry & Chromaticity for Light Source

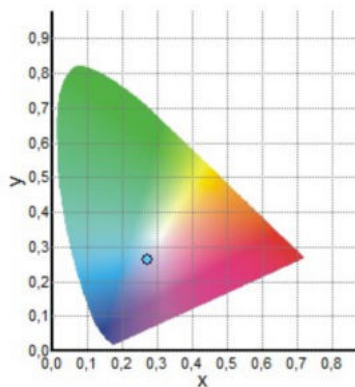
A. Product Description



Produktname	IP68 1m Kalt		
Testobjekt Nummer	7141269675301		
Datum (JJJJ/MM/TT)	2019/8/23 12:55:57		
Hersteller	WellerLED		
Tester	David		
Temperatur(?)	23	Rel. Luftfeuchte(%)	53
Editor			

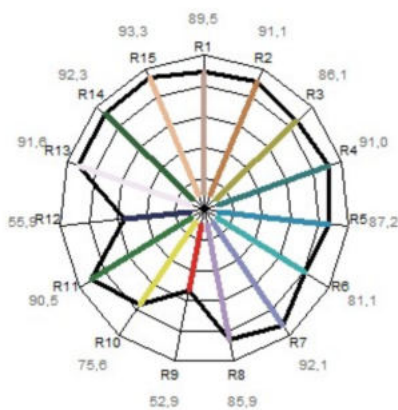
C. Photometry and Chromaticity

CIE_x	0,2709	Duv	-0,0076
CIE_y	0,2625	λ_d (nm)	474,3
CIE_u'	0,1932	Reinheit(%)	28
CIE_v'	0,4212	FWHM(nm)	27
CCT(K)	14245	SP Verhältnis	2,82
Beleuchtungsstärke (lx)	1346	PPFD 400-700nm($\mu\text{mol}/\text{m}^2 \text{ s}$)	22,11
λ_p (nm)	451	CRI(Ra)	88
TLCI(Qa)	71,6	GAI	103,8
GAI BB8	96	GAI BB15	98
TM-30 Rf	80	TM-30 Rg	96



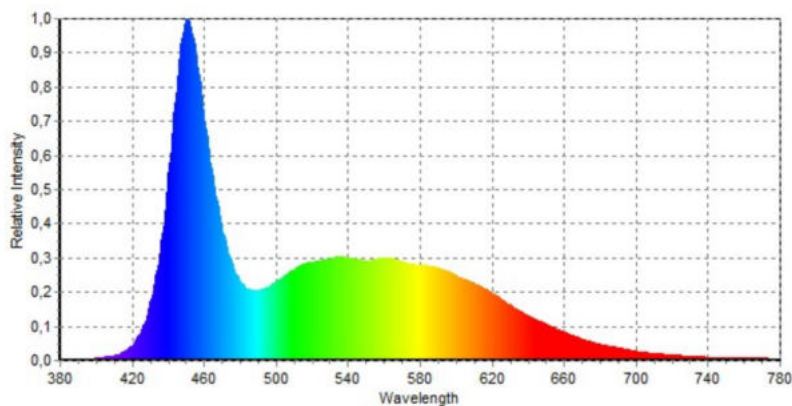
CIE1931 Chromaticity Diagram

CQS-Qa	81	Re(thru R1~R15)	84
R1	89,5	R6	81,1
R2	91,1	R7	92,1
R3	86,1	R8	85,9
R4	91,0	R9	52,9
R5	87,2	R10	75,6
		R11	90,5
		R12	55,9
		R13	91,6
		R14	92,3
		R15	93,3

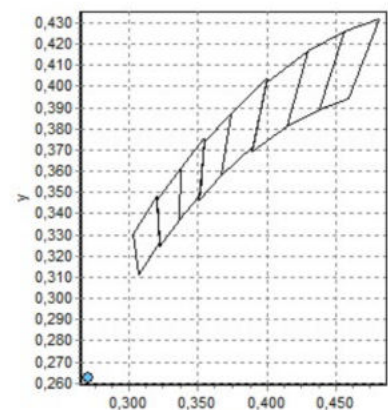


CRI Radardiagramm

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



Spectral Distribution



C78.377-2008