



Report of Photometry & Chromaticity for Light Source

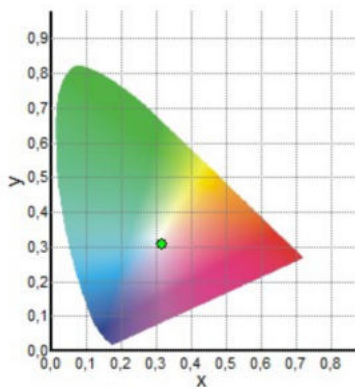
A. Product Description



Produktname	IP68 1m Tag		
Testobjekt Nummer	7141269675486		
Datum (JJJJ/MM/TT)	2019/8/23 12:55:01		
Hersteller	WellerLED		
Tester	David		
Temperatur(?)	23	Rel. Luftfeuchte(%)	53
Editor			

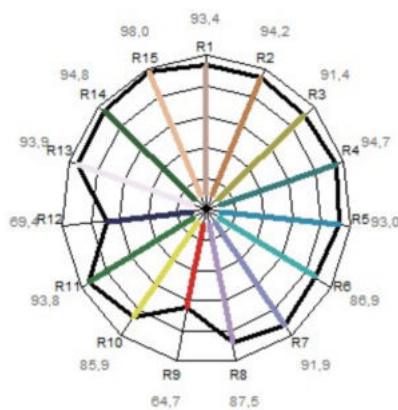
C. Photometry and Chromaticity

CIE_x	0,3155	Duv	-0,0109
CIE_y	0,3055	λ_d (nm)	461,8
CIE_u'	0,2091	Reinheit(%)	9
CIE_v'	0,4556	FWHM(nm)	28
CCT(K)	6534	SP Verhältnis	2,29
Beleuchtungsstärke (lx)	1446	PPFD 400-700nm($\mu\text{mol}/\text{m}^2 \text{ s}$)	22,51
λ_p (nm)	451	CRI(Ra)	92
TLCI(Qa)	81,9	GAI	102,5
GAI BB8	105	GAI BB15	107
TM-30 Rf	85	TM-30 Rg	101



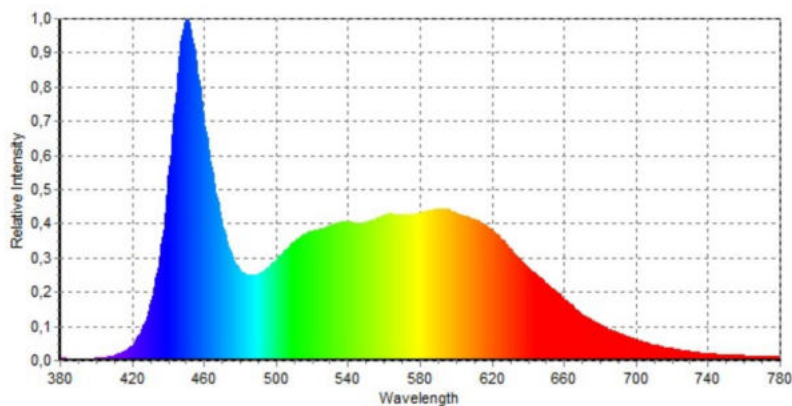
CIE1931 Chromaticity Diagram

CQS-Qa	84	Re(thru R1~R15)	89
R1	93,4	R6	86,9
R2	94,2	R7	91,9
R3	91,4	R8	87,5
R4	94,7	R9	64,7
R5	93,0	R10	85,9
		R11	93,8
		R12	69,4
		R13	93,9
		R14	94,8
		R15	98,0

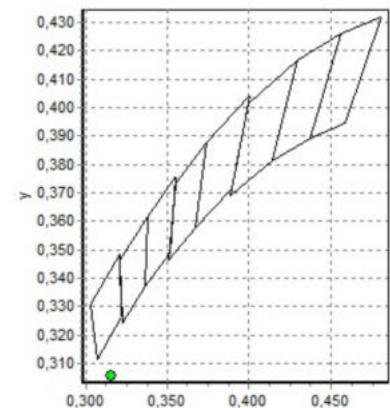


CRI Radardiagramm

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



Spectral Distribution



C78.377-2008