



Report of Photometry & Chromaticity for Light Source

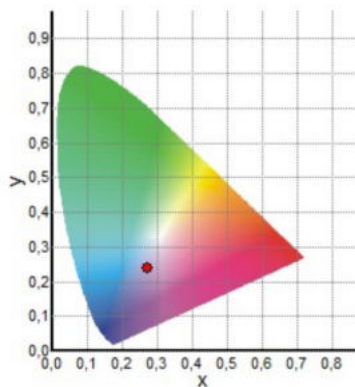
A. Product Description



Produktname	Reptil 50cm IP68		
Testobjekt Nummer	7141269675820		
Datum (JJJJ/MM/TT)	2019/8/12 12:17:01		
Hersteller	WellerLED		
Tester	David		
Temperatur(?)	24	Rel. Luftfeuchte(%)	59
Editor			

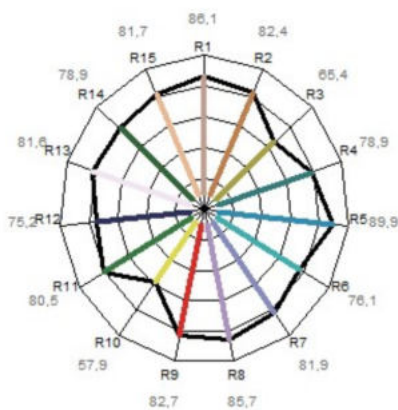
C. Photometry and Chromaticity

CIE_x	0,2742	Duv	-0,0242
CIE_y	0,2380	λ_d (nm)	459,6
CIE_u'	0,2067	Reinheit(%)	31
CIE_v'	0,4036	FWHM(nm)	54
CCT(K)	20925	SP Verhältnis	2,70
Beleuchtungsstärke (lx)	549	PPFD 400-700nm($\mu\text{mol}/\text{m}^2 \text{ s}$)	10,69
λ_p (nm)	447	CRI(Ra)	81
TLCI(Qa)	66,9	GAI	120,0
GAI BB8	110	GAI BB15	108
TM-30 Rf	71	TM-30 Rg	109



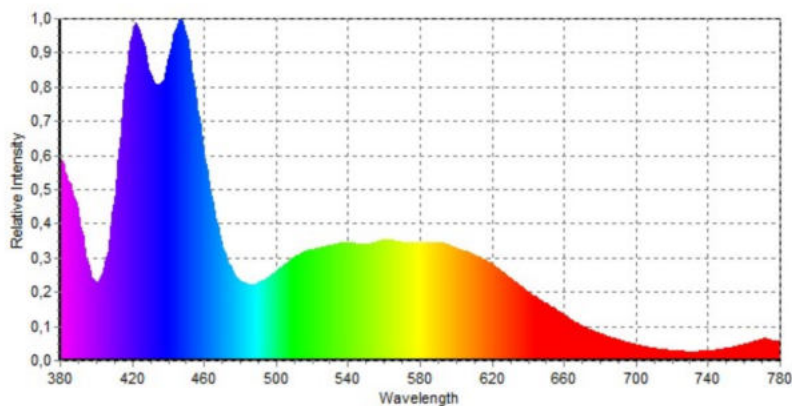
CIE1931 Chromaticity Diagram

CQS-Qa	78	Re(thru R1~R15)	79
R1	86,1	R6	76,1
R2	82,4	R7	81,9
R3	65,4	R8	85,7
R4	78,9	R9	82,7
R5	89,9	R10	57,9
		R11	80,5
		R12	75,2
		R13	81,6
		R14	78,9
		R15	81,7

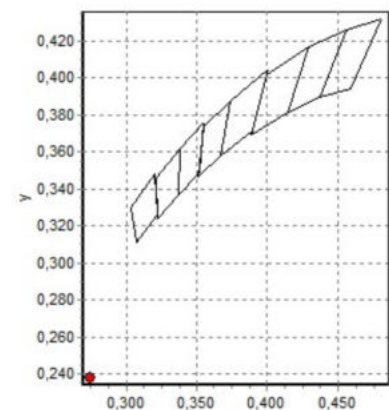


CRI Radardiagramm

Flicker Frequency(Hz)	2	Flicker %	0
Flicker Index	0,00		



Spectral Distribution



C78.377-2008