

Report of Photometry & Chromaticity for Light Source

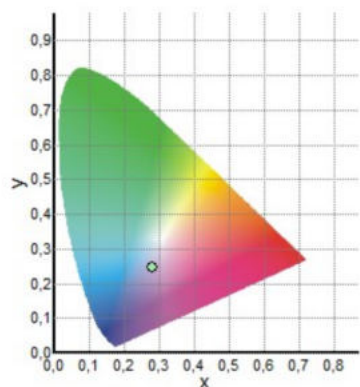
A. Product Description



Produktname	Reptil 1m IP68		
Testobjekt Nummer	7141269674946		
Datum (JJJJ/MM/TT)	2019/8/13 11:54:30		
Hersteller	WellerLED		
Tester	David		
Temperatur(?)	25	Rel. Luftfeuchte(%)	49
Editor			

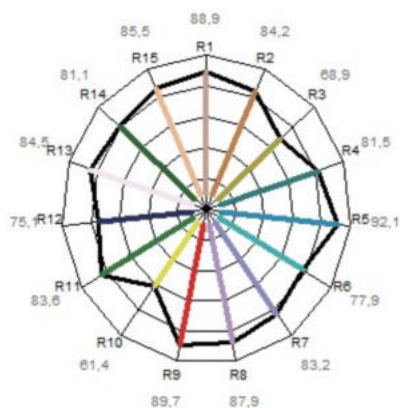
C. Photometry and Chromaticity

CIE_x	0,2792	Duv	-0,0216
CIE_y	0,2484	λ_d (nm)	461,6
CIE_u'	0,2060	Reinheit(%)	28
CIE_v'	0,4123	FWHM(nm)	52
CCT(K)	15023	SP Verhältnis	2,63
Beleuchtungsstärke (lx)	730	PPFD 400-700nm($\mu\text{mol}/\text{m}^2 \text{ s}$)	13,63
λ_p (nm)	447	CRI(Ra)	83
TLCI(Qa)	70,3	GAI	117,9
GAI BB8	109	GAI BB15	107
TM-30 Rf	73	TM-30 Rg	107



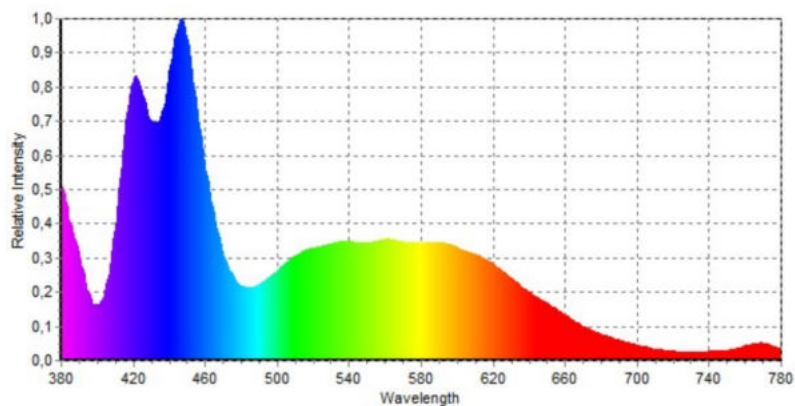
CIE1931 Chromaticity Diagram

CQS-Qa	79	Re(thru R1~R15)	82
R1	88,9	R6	77,9
R2	84,2	R7	83,2
R3	68,9	R8	87,9
R4	81,5	R9	89,7
R5	92,1	R10	61,4
R11	83,6	R15	85,5
R12	75,1		
R13	84,5		
R14	81,1		

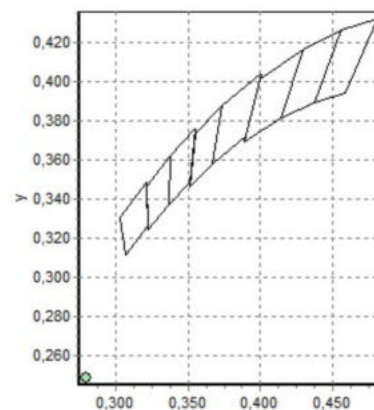


CRI Radardiagramm

Flicker Frequency(Hz)	217	Flicker %	0
Flicker Index	0,00		



Spectral Distribution



C78.377-2008