



# Report of Photometry & Chromaticity for Light Source

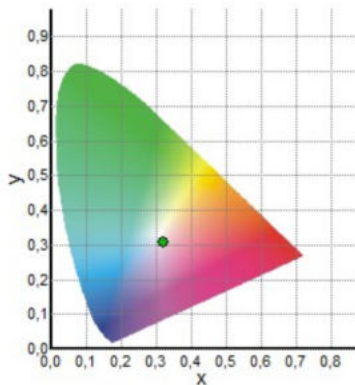
## A. Product Description



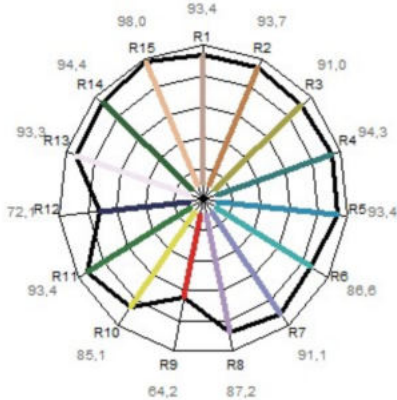
Produktname	Tagweiss gemischt 50cm IP68		
Testobjekt Nummer	7141269676629		
Datum (JJJJ/MM/TT)	2019/8/12 12:27:13		
Hersteller	WellerLED		
Tester	David		
Temperatur(?)	25	Rel. Luftfeuchte(%)	56
Editor			

## C. Photometry and Chromaticity

CIE_x	0,3197	Duv	-0,0130
CIE_y	0,3058	$\lambda_d$ (nm)	421,6
CIE_u'	0,2121	Reinheit(%)	8
CIE_v'	0,4564	FWHM(nm)	28
CCT(K)	6262	SP Verhältnis	2,24
Beleuchtungsstärke (lx)	1077	PPFD 400-700nm( $\mu\text{mol}/\text{m}^2 \text{ s}$ )	16,80
$\lambda_p$ (nm)	450	CRI(Ra)	91
TLCI(Qa)	80,0	GAI	103,2
GAI BB8	107	GAI BB15	108
TM-30 Rf	84	TM-30 Rg	101



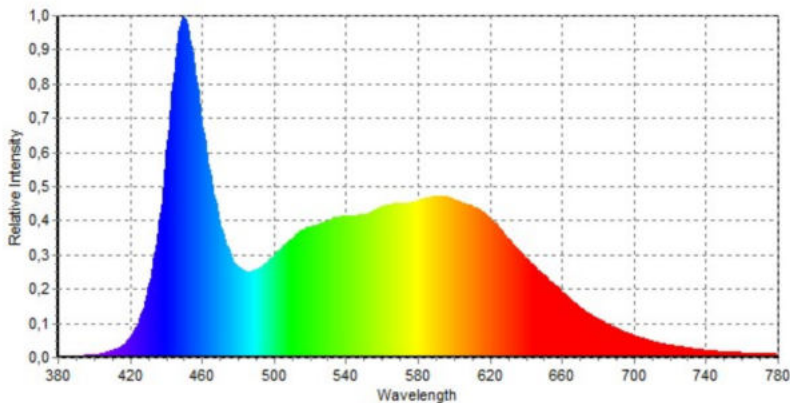
CIE1931 Chromaticity Diagram



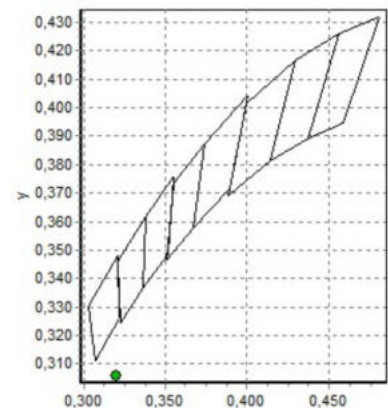
CRI Radardiagramm

CQS-Qa	83	Re(thru R1~R15)	89
R1	93,4	R6	86,6
R2	93,7	R7	91,1
R3	91,0	R8	87,2
R4	94,3	R9	64,2
R5	93,4	R10	85,1
		R11	93,4
		R12	72,1
		R13	93,3
		R14	94,4
		R15	98,0

Flicker Frequency(Hz)	48	Flicker %	0
Flicker Index	0,00		



Spectral Distribution



C78.377-2008