

# Report of Photometry & Chromaticity for Light Source

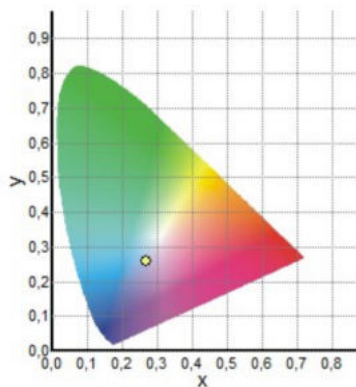
## A. Product Description



Produktname	Kaltweiss 50cm IP68		
Testobjekt Nummer	7141269676346		
Datum (JJJJ/MM/TT)	2019/8/12 12:30:09		
Hersteller	WellerLED		
Tester	David		
Temperatur(?)	26	Rel. Luftfeuchte(%)	55
Editor			

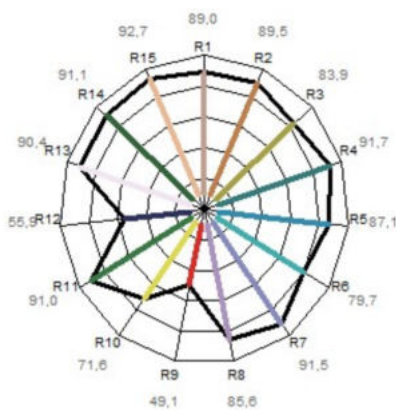
## C. Photometry and Chromaticity

CIE_x	0,2679	Duv	-0,0077
CIE_y	0,2585	$\lambda_d$ (nm)	474,1
CIE_u'	0,1925	Reinheit(%)	30
CIE_v'	0,4180	FWHM(nm)	27
CCT(K)	15852	SP Verhältnis	2,84
Beleuchtungsstärke (lx)	1047	PPFD 400-700nm( $\mu\text{mol}/\text{m}^2 \text{ s}$ )	17,31
$\lambda_p$ (nm)	450	CRI(Ra)	87
TLCI(Qa)	70,2	GAI	103,9
GAI BB8	96	GAI BB15	98
TM-30 Rf	79	TM-30 Rg	96



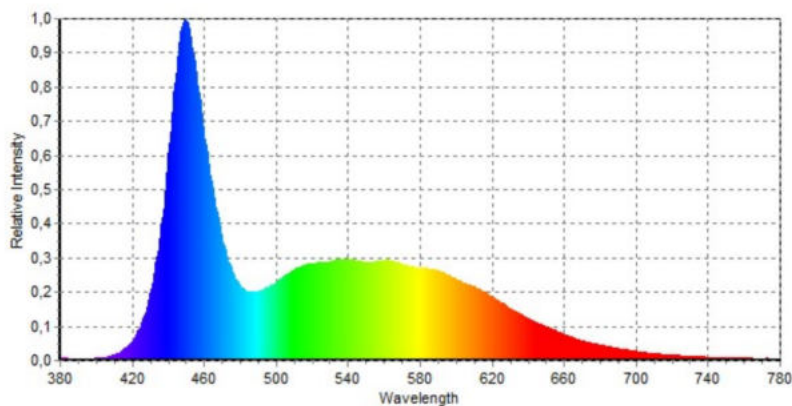
CIE1931 Chromaticity Diagram

CQS-Qa	80	Re(thru R1~R15)	83
R1	89,0	R6	79,7
R2	89,5	R7	91,5
R3	83,9	R8	85,6
R4	91,7	R9	49,1
R5	87,1	R10	71,6
R11	91,0	R11	91,0
R12	55,9	R12	55,9
R13	90,4	R13	90,4
R14	91,1	R14	91,1
R15	92,7	R15	92,7

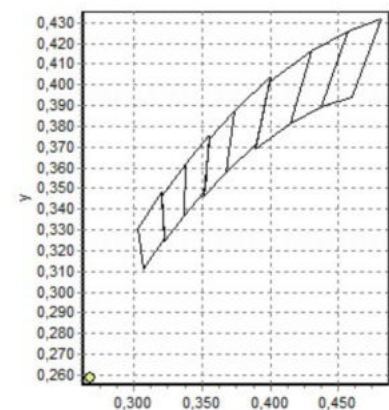


CRI Radardiagramm

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



Spectral Distribution



C78.377-2008