

Report of Photometry & Chromaticity for Light Source

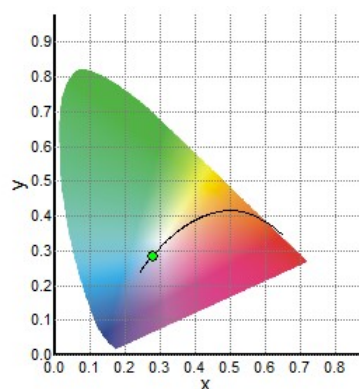


Product Description

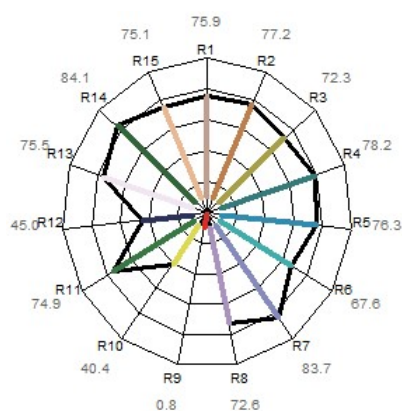
Product Name	Triton Max Zoom 60°		
Sample Number			
Date(YYYY/MM/DD)	2021/3/23 14:16:34		
Manufacturer			
Tester	FOS Technologies		
Temperature(°C)	27	Re. Humidity(%)	36
Reviewer			

Photometry and Chromaticity

CIE_x	0.2802	Duv	-0.0019
CIE_y	0.2843	λ_d (nm)	478.4
CIE_u'	0.1915	Purity(%)	23
CIE_v'	0.4373	FWHM(nm)	31
CCT(K)	10304	SP ratio	2.42
Illuminance(lx)	347	PPFD 400-700nm($\mu\text{mol}/\text{m}^2 \text{ s}$)	5.26
λ_p (nm)	449	CRI(Ra)	75
TLCI(Qa)	51.1	GAI	94.2
GAI BB8	89	GAI BB15	93
TM-30 Rf	70	TM-30 Rg	93



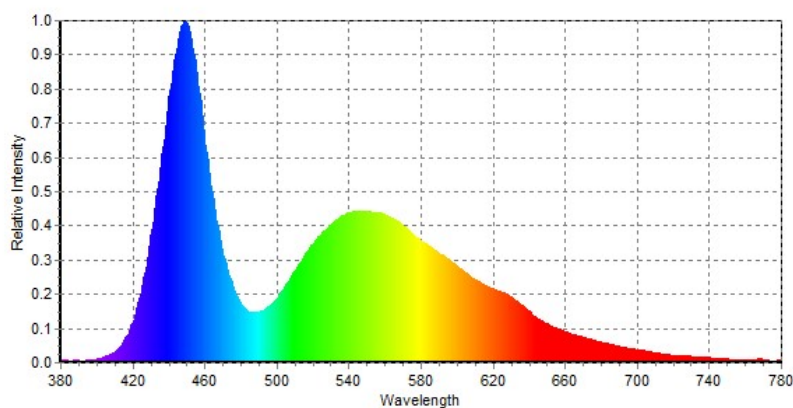
CIE1931 Chromaticity Diagram



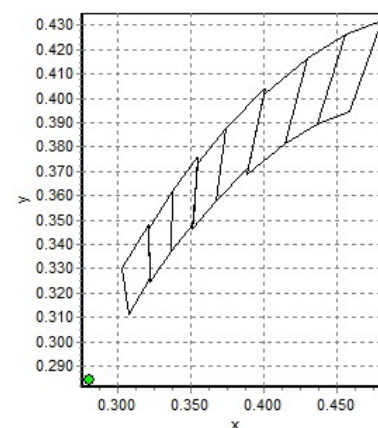
Radar Diagram of CRI

CQS-Qa	71	Re(thru R1~R15)	67
R1 75.9	R6 67.6	R11 74.9	
R2 77.2	R7 83.7	R12 45.0	
R3 72.3	R8 72.6	R13 75.5	
R4 78.2	R9 0.8	R14 84.1	
R5 76.3	R10 40.4	R15 75.1	

Flicker Frequency(Hz)	4	Flicker %	0
Flicker Index	0.00		



Spectral Distribution



C78.377-2008

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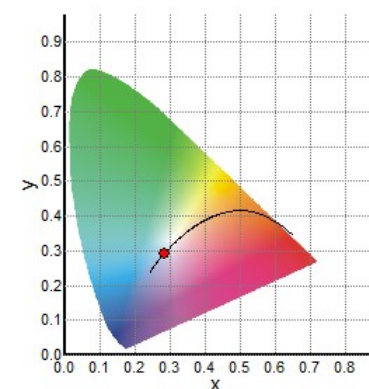


Product Description

Product Name	Triton Min Zoom 10°		
Sample Number	2021/3/23 14:15:00		
Date(YYYY/MM/DD)	FOS Technologies		
Manufacturer	Tester		
Temperature(°C)	27	Re. Humidity(%)	37
Reviewer			

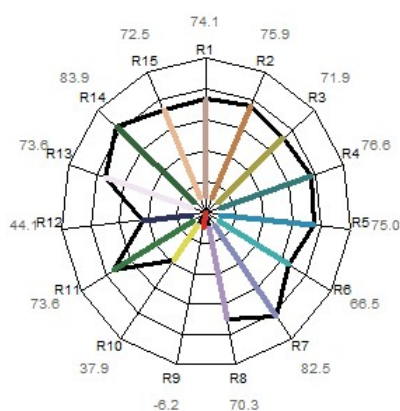
Photometry and Chromaticity

CIE_x	0.2841	Duv	-0.0009
CIE_y	0.2907	λ_d (nm)	479.4
CIE_u'	0.1920	Purity(%)	21
CIE_v'	0.4419	FWHM(nm)	31
CCT(K)	9500	SP ratio	2.35
Illuminance(lx)	16675	PPFD 400-700nm($\mu\text{mol}/\text{m}^2 \cdot \text{s}$)	248.24
λ_p (nm)	449	CRI(Ra)	74
TLCI(Qa)	50.4	GAI	92.9
GAI BB8	89	GAI BB15	93
TM-30 Rf	69	TM-30 Rg	93



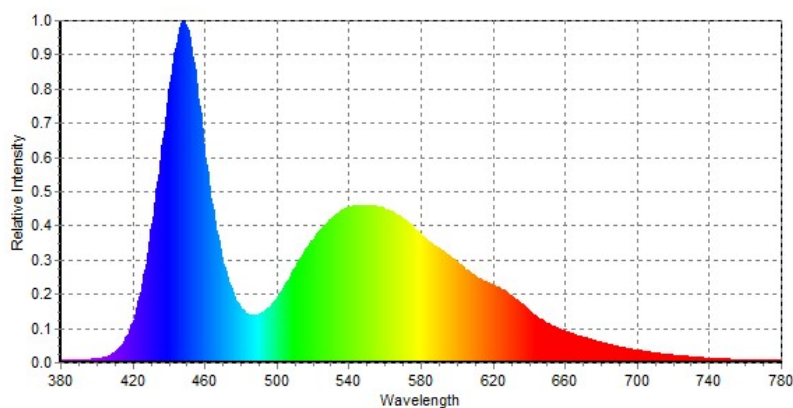
CIE1931 Chromaticity Diagram

CQS-Qa		71	Re(thru R1~R15)		65
 R1	74.1	 R6	66.5	 R11	73.6
 R2	75.9	 R7	82.5	 R12	44.1
 R3	71.9	 R8	70.3	 R13	73.6
 R4	76.6	 R9	-6.2	 R14	83.9
 R5	75.0	 R10	37.9	 R15	72.5

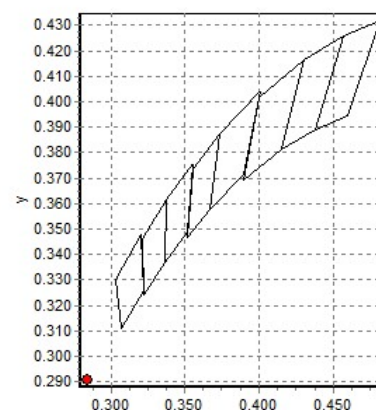


Radar Diagram of CRI

Flicker Frequency(Hz)	2	Flicker %	0
Flicker Index	0.00		



Spectral Distribution



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