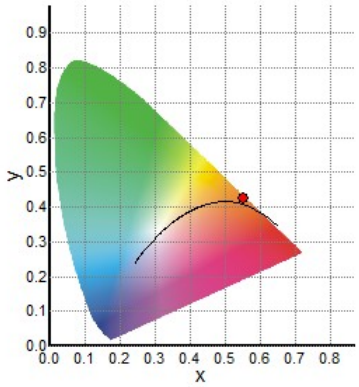
Report of Photometry & Chromaticity for Light Source



Product Description

Product Name	Lux Quadra X4 - 2M
Sample Number	1
Date(YYYY/MM/DD)	2025/6/26 15:24:26
Manufacturer	Blizzard Lighting
Tester	Joe Thomas
Temperature(°C)	Re. Humidity(%)
Reviewer	



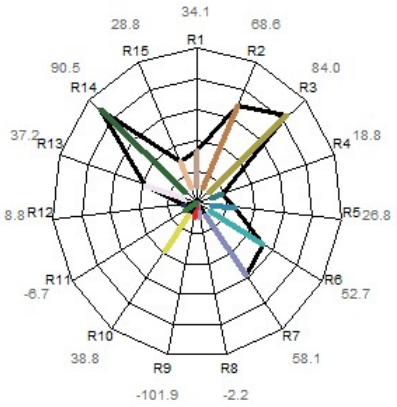
CIE1931 Chromaticity Diagram

Photometry and Chromaticity

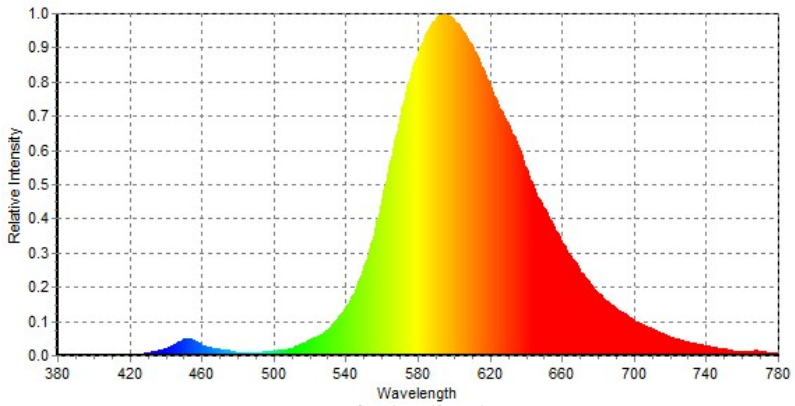
CIE_x	0.5530	Duv	0.0046
CIE_y	0.4246	λd(nm)	588.9
CIE_u'	0.3165	Purity(%)	93
CIE_v'	0.5468	FWHM(nm)	83
CCT(K)	1865	SP ratio	0.49
Illuminance(lx)	450	PPFD(μmol/m² s)	6.4
λp(nm)	595	CRI(Ra)	43
TLCI(Qa)	18.3	GAI	7.1
GAI BB8	35	GAI BB15	42
TM-30 Rf	52	TM-30 Rg	71

CQS-Qa	48	Re(thru R1~R15)	29		
R1	34.1	R6	52.7	R11	-6.7
R2	68.6	R7	58.1	R12	8.8
R3	84.0	R8	-2.2	R13	37.2
R4	18.8	R9	-101.9	R14	90.5
R5	26.8	R10	38.8	R15	28.8

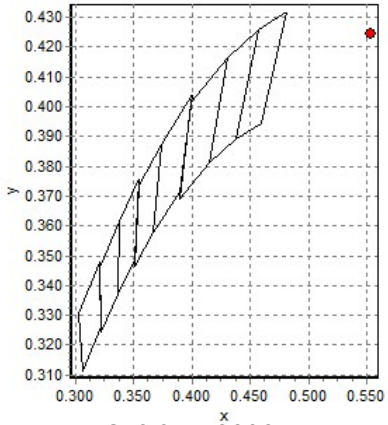
Flicker Frequency(Hz)	Flicker %
Flicker Index	



Radar Diagram of CRI



Spectral Distribution



C78.377-2008

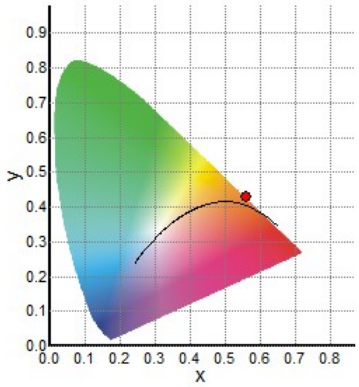
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Report of Photometry & Chromaticity for Light Source



Product Description

Product Name	Lux Quadra X4 - 2.5M
Sample Number	1
Date(YYYY/MM/DD)	2025/6/26 15:26:22
Manufacturer	Blizzard Lighting
Tester	Joe Thomas
Temperature(°C)	Re. Humidity(%)
Reviewer	



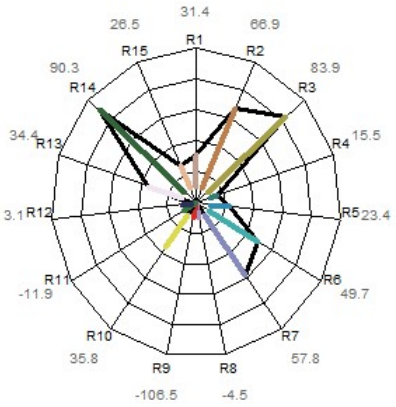
CIE1931 Chromaticity Diagram

Photometry and Chromaticity

CIE_x	0.5605	Duv	0.0059
CIE_y	0.4276	λd(nm)	588.9
CIE_u'	0.3198	Purity(%)	97
CIE_v'	0.5490	FWHM(nm)	82
CCT(K)	1831	SP ratio	0.45
Illuminance(lx)	300	PPFD(μmol/m² s)	4.3
λp(nm)	595	CRI(Ra)	41
TLCI(Qa)	18.9	GAI	3.5
GAI BB8	19	GAI BB15	22
TM-30 Rf	49	TM-30 Rg	58

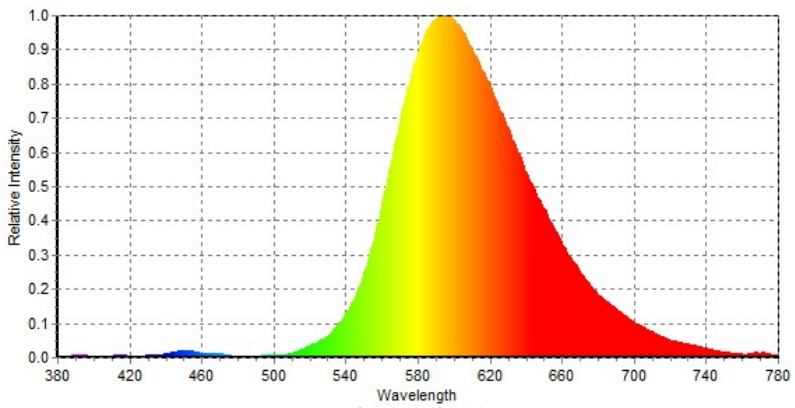
CQS-Qa	27	Re(thru R1~R15)	26

R1	31.4	R6	49.7	R11	-11.9
R2	66.9	R7	57.8	R12	3.1
R3	83.9	R8	-4.5	R13	34.4
R4	15.5	R9	-106.5	R14	90.3
R5	23.4	R10	35.8	R15	26.5

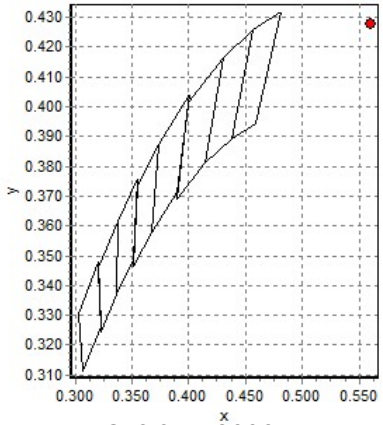


Radar Diagram of CRI

Flicker Frequency(Hz)	Flicker %
Flicker Index	



Spectral Distribution



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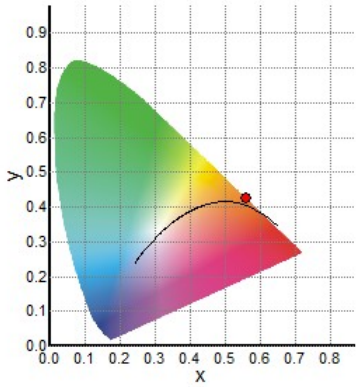
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Report of Photometry & Chromaticity for Light Source



Product Description

Product Name	Lux Quadra X4 - 3M
Sample Number	1
Date(YYYY/MM/DD)	2025/6/26 15:27:34
Manufacturer	Blizzard Lighting
Tester	Joe Thomas
Temperature(°C)	Re. Humidity(%)
Reviewer	



CIE1931 Chromaticity Diagram

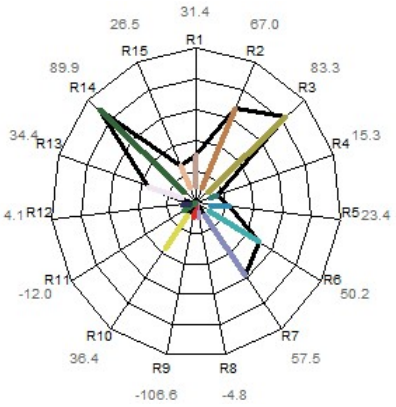
Photometry and Chromaticity

CIE_x	0.5603	Duv	0.0056
CIE_y	0.4264	λd(nm)	589.0
CIE_u'	0.3203	Purity(%)	96
CIE_v'	0.5485	FWHM(nm)	82
CCT(K)	1825	SP ratio	0.45
Illuminance(lx)	221	PPFD(μmol/m² s)	3.2
λp(nm)	594	CRI(Ra)	40
TLCI(Qa)	18.5	GAI	4.0
GAI BB8	21	GAI BB15	25
TM-30 Rf	50	TM-30 Rg	61

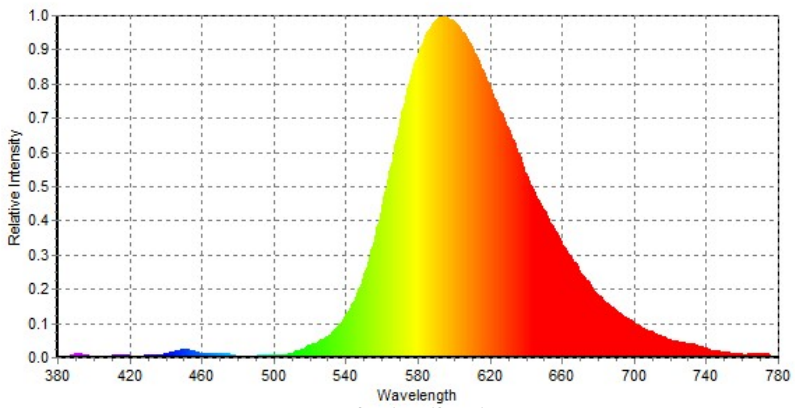
CQS-Qa	31	Re(thru R1~R15)	26

R1	31.4	R6	50.2	R11	-12.0
R2	67.0	R7	57.5	R12	4.1
R3	83.3	R8	-4.8	R13	34.4
R4	15.3	R9	-106.6	R14	89.9
R5	23.4	R10	36.4	R15	26.5

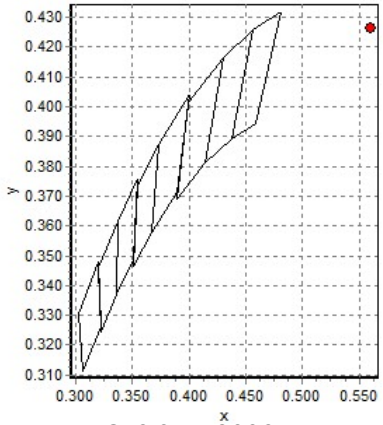
Flicker Frequency(Hz)	Flicker %
Flicker Index	



Radar Diagram of CRI



Spectral Distribution



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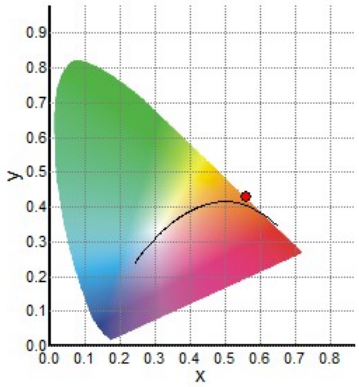
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Report of Photometry & Chromaticity for Light Source



Product Description

Product Name	Lux Quadra X4 - 4M
Sample Number	1
Date(YYYY/MM/DD)	2025/6/26 15:28:30
Manufacturer	Blizzard Lighting
Tester	Joe Thomas
Temperature(°C)	Re. Humidity(%)
Reviewer	



CIE1931 Chromaticity Diagram

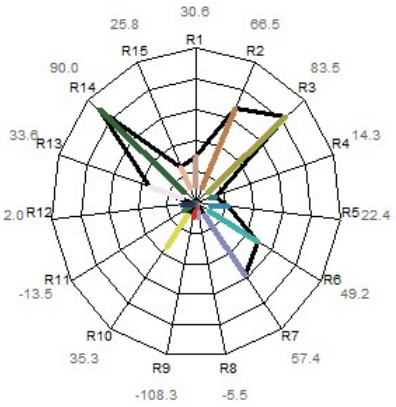
Photometry and Chromaticity

CIE_x	0.5623	Duv	0.0060
CIE_y	0.4274	λd(nm)	589.0
CIE_u'	0.3212	Purity(%)	97
CIE_v'	0.5492	FWHM(nm)	82
CCT(K)	1816	SP ratio	0.44
Illuminance(lx)	129	PPFD(μmol/m² s)	1.8
λp(nm)	594	CRI(Ra)	40
TLCI(Qa)	18.5	GAI	3.0
GAI BB8	16	GAI BB15	19
TM-30 Rf	47	TM-30 Rg	55

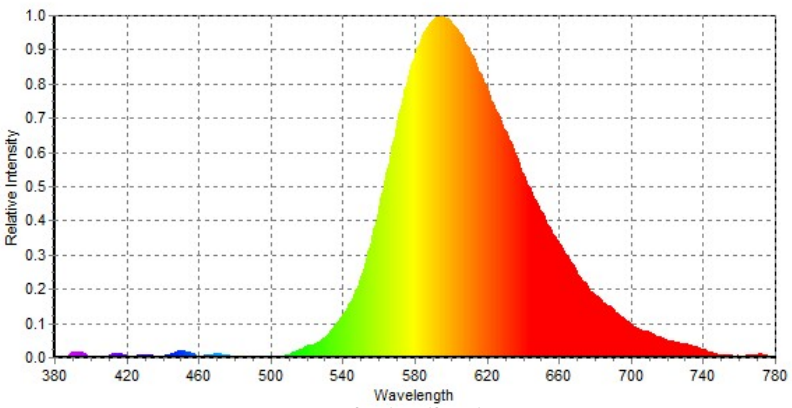
CQS-Qa	22	Re(thru R1~R15)	26

R1	30.6	R6	49.2	R11	-13.5
R2	66.5	R7	57.4	R12	2.0
R3	83.5	R8	-5.5	R13	33.6
R4	14.3	R9	-108.3	R14	90.0
R5	22.4	R10	35.3	R15	25.8

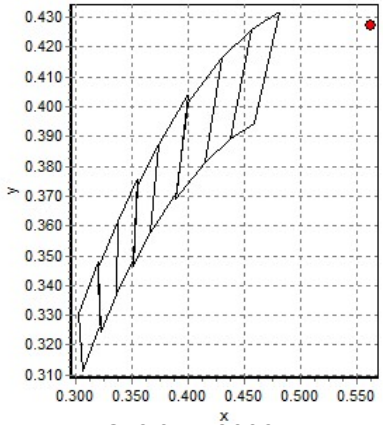
Flicker Frequency(Hz)	Flicker %
Flicker Index	



Radar Diagram of CRI



Spectral Distribution



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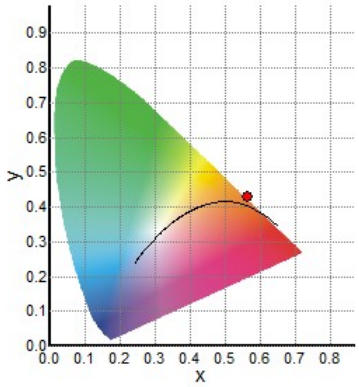
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Report of Photometry & Chromaticity for Light Source



Product Description

Product Name	Lux Quadra X4 - 5M
Sample Number	1
Date(YYYY/MM/DD)	2025/6/26 15:29:10
Manufacturer	Blizzard Lighting
Tester	Joe Thomas
Temperature(°C)	Re. Humidity(%)
Reviewer	



CIE1931 Chromaticity Diagram

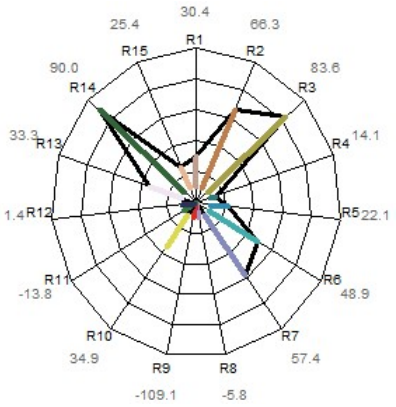
Photometry and Chromaticity

CIE_x	0.5633	Duv	0.0062
CIE_y	0.4278	λd(nm)	589.0
CIE_u'	0.3216	Purity(%)	98
CIE_v'	0.5495	FWHM(nm)	81
CCT(K)	1812	SP ratio	0.43
Illuminance(lx)	84	PPFD(μmol/m² s)	1.2
λp(nm)	594	CRI(Ra)	40
TLCI(Qa)	18.3	GAI	2.4
GAI BB8	13	GAI BB15	15
TM-30 Rf	45	TM-30 Rg	51

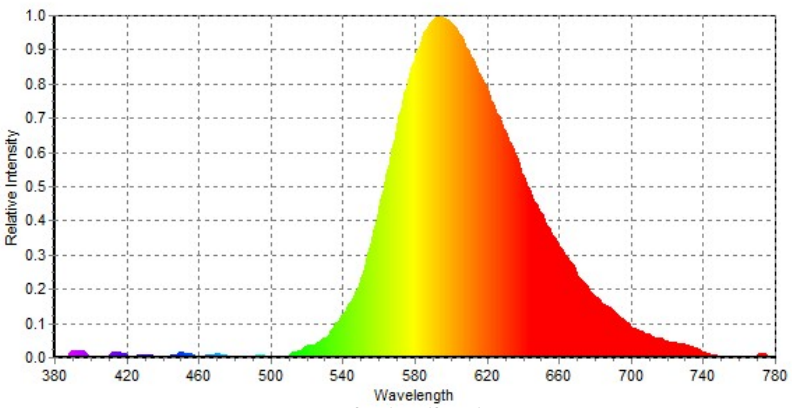
CQS-Qa	16	Re(thru R1~R15)	25

R1	30.4	R6	48.9	R11	-13.8
R2	66.3	R7	57.4	R12	1.4
R3	83.6	R8	-5.8	R13	33.3
R4	14.1	R9	-109.1	R14	90.0
R5	22.1	R10	34.9	R15	25.4

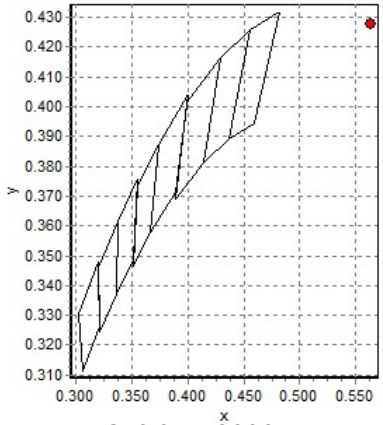
Flicker Frequency(Hz)	Flicker %
Flicker Index	



Radar Diagram of CRI



Spectral Distribution



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