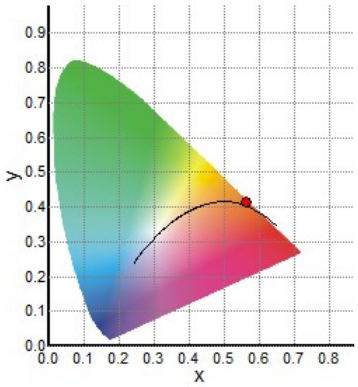
Report of Photometry & Chromaticity for Light Source



Product Description

Product Name	Lux Reactor - 2M
Sample Number	1
Date(YYYY/MM/DD)	2025/6/19 15:39:22
Manufacturer	Blizzard Lighting
Tester	Joe Thomas
Temperature(°C)	Re. Humidity(%)
Reviewer	

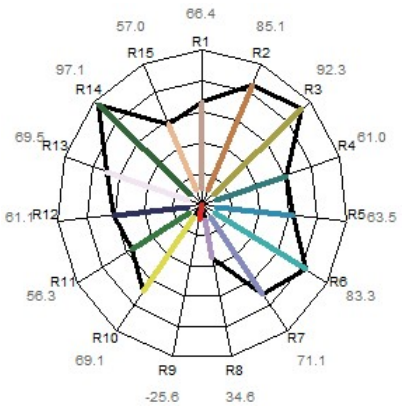


CIE1931 Chromaticity Diagram

Photometry and Chromaticity

CIE_x	0.5631	Duv	0.0023
CIE_y	0.4124	λd(nm)	591.0
CIE_u'	0.3301	Purity(%)	93
CIE_v'	0.5440	FWHM(nm)	90
CCT(K)	1731	SP ratio	0.59
Illuminance(lx)	899	PPFD(μmol/m² s)	16.0
λp(nm)	615	CRI(Ra)	70
TLCI(Qa)	43.8	GAI	9.2
GAI BB8	59	GAI BB15	64
TM-30 Rf	72	TM-30 Rg	86

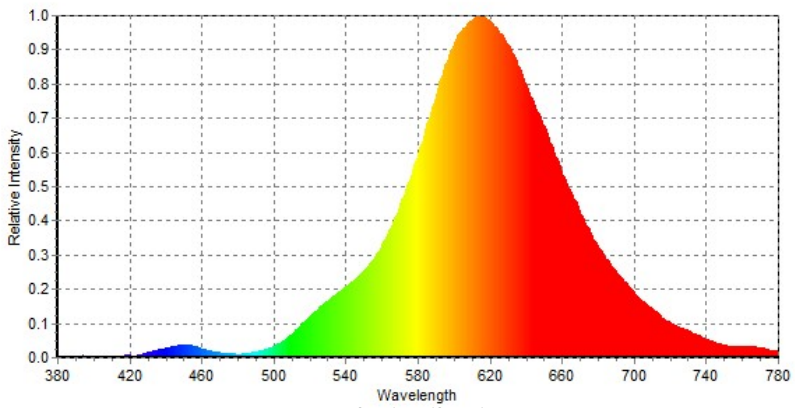
CQS-Qa	69	Re(thru R1~R15)	63		
R1	66.4	R6	83.3	R11	56.3
R2	85.1	R7	71.1	R12	61.1
R3	92.3	R8	34.6	R13	69.5
R4	61.0	R9	-25.6	R14	97.1
R5	63.5	R10	69.1	R15	57.0



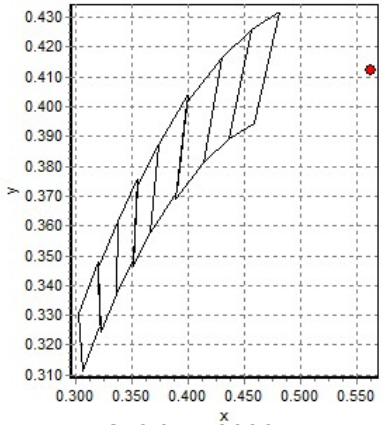
Radar Diagram of CRI

Flicker Frequency(Hz) Flicker %

Flicker Index



Spectral Distribution



C78.377-2008

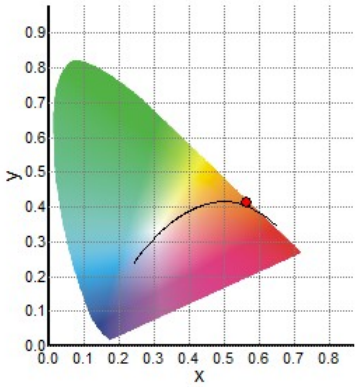
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Report of Photometry & Chromaticity for Light Source



Product Description

Product Name	Lux Reactor - 2.5M
Sample Number	1
Date(YYYY/MM/DD)	2025/6/19 15:40:19
Manufacturer	Blizzard Lighting
Tester	Joe Thomas
Temperature(°C)	Re. Humidity(%)
Reviewer	



CIE1931 Chromaticity Diagram

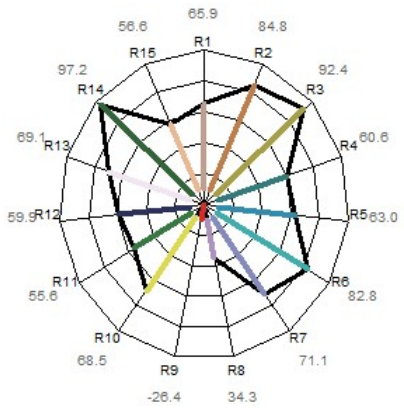
Photometry and Chromaticity

CIE_x	0.5642	Duv	0.0026
CIE_y	0.4133	λd(nm)	590.9
CIE_u'	0.3304	Purity(%)	93
CIE_v'	0.5445	FWHM(nm)	91
CCT(K)	1729	SP ratio	0.58
Illuminance(lx)	554	PPFD(μmol/m² s)	9.9
λp(nm)	615	CRI(Ra)	69
TLCI(Qa)	45.4	GAI	8.3
GAI BB8	54	GAI BB15	59
TM-30 Rf	73	TM-30 Rg	84

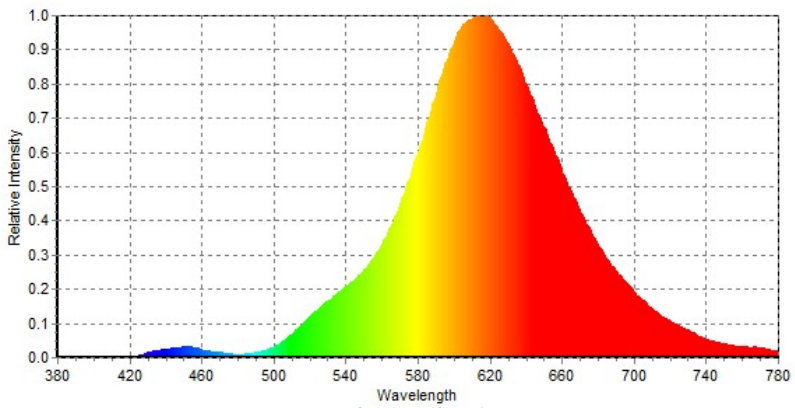
CQS-Qa	66	Re(thru R1~R15)	62

R1	65.9	R6	82.8	R11	55.6
R2	84.8	R7	71.1	R12	59.9
R3	92.4	R8	34.3	R13	69.1
R4	60.6	R9	-26.4	R14	97.2
R5	63.0	R10	68.5	R15	56.6

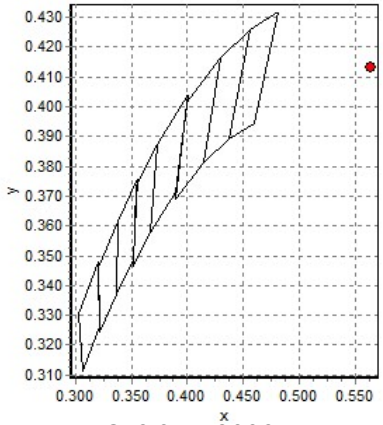
Flicker Frequency(Hz)	Flicker %
Flicker Index	



Radar Diagram of CRI



Spectral Distribution



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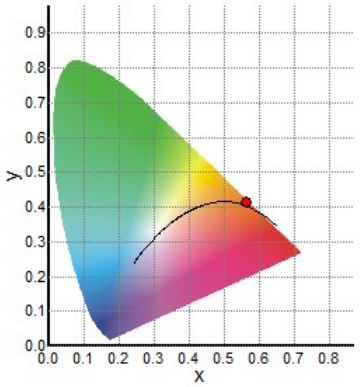
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Report of Photometry & Chromaticity for Light Source



Product Description

Product Name	Lux Reactor - 3M
Sample Number	1
Date(YYYY/MM/DD)	2025/6/19 15:41:31
Manufacturer	Blizzard Lighting
Tester	Joe Thomas
Temperature(°C)	Re. Humidity(%)
Reviewer	



CIE1931 Chromaticity Diagram

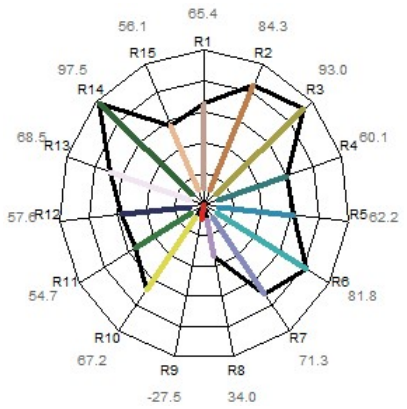
Photometry and Chromaticity

CIE_x	0.5662	Duv	0.0030
CIE_y	0.4143	λd(nm)	590.9
CIE_u'	0.3312	Purity(%)	94
CIE_v'	0.5452	FWHM(nm)	91
CCT(K)	1721	SP ratio	0.57
Illuminance(lx)	196	PPFD(μmol/m² s)	3.5
λp(nm)	612	CRI(Ra)	69
TLCI(Qa)	46.2	GAI	7.1
GAI BB8	47	GAI BB15	51
TM-30 Rf	73	TM-30 Rg	81

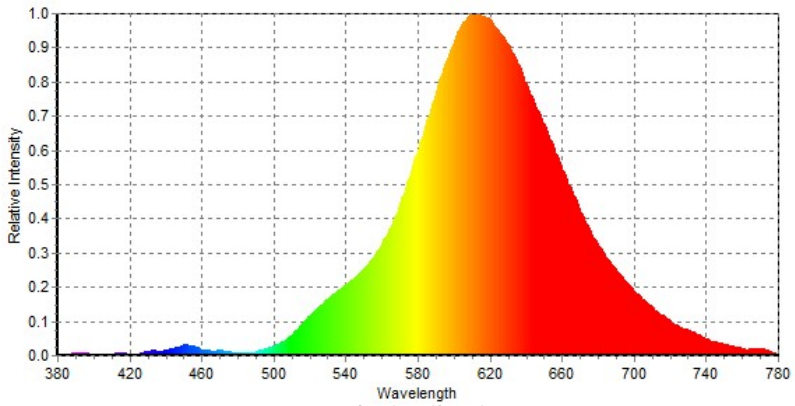
CQS-Qa	60	Re(thru R1~R15)	62

R1	65.4	R6	81.8	R11	54.7
R2	84.3	R7	71.3	R12	57.6
R3	93.0	R8	34.0	R13	68.5
R4	60.1	R9	-27.5	R14	97.5
R5	62.2	R10	67.2	R15	56.1

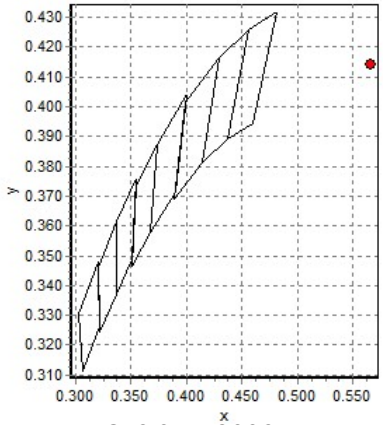
Flicker Frequency(Hz)	Flicker %
Flicker Index	



Radar Diagram of CRI



Spectral Distribution



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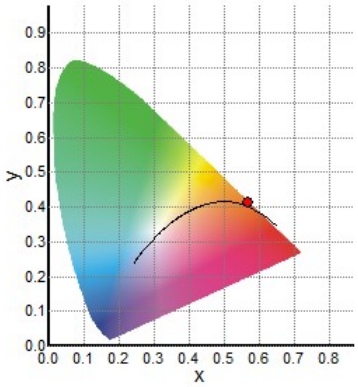
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Report of Photometry & Chromaticity for Light Source



Product Description

Product Name	Lux Reactor - 4M
Sample Number	1
Date(YYYY/MM/DD)	2025/6/19 15:42:25
Manufacturer	Blizzard Lighting
Tester	Joe Thomas
Temperature(°C)	Re. Humidity(%)
Reviewer	



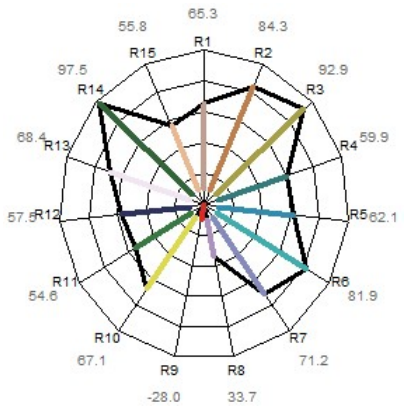
CIE1931 Chromaticity Diagram

Photometry and Chromaticity

CIE_x	0.5672	Duv	0.0031
CIE_y	0.4143	λd(nm)	590.9
CIE_u'	0.3319	Purity(%)	95
CIE_v'	0.5454	FWHM(nm)	90
CCT(K)	1714	SP ratio	0.56
Illuminance(lx)	105	PPFD(μmol/m² s)	1.9
λp(nm)	615	CRI(Ra)	69
TLCI(Qa)	46.4	GAI	6.6
GAI BB8	44	GAI BB15	48
TM-30 Rf	72	TM-30 Rg	79

CQS-Qa	58	Re(thru R1~R15)	62

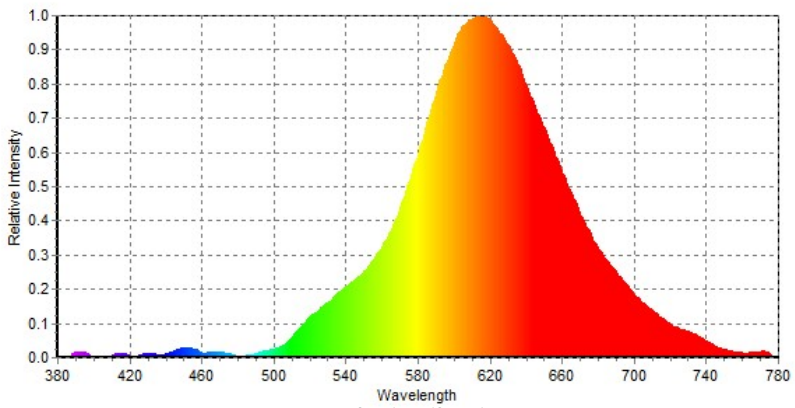
R1	65.3	R6	81.9	R11	54.6
R2	84.3	R7	71.2	R12	57.5
R3	92.9	R8	33.7	R13	68.4
R4	59.9	R9	-28.0	R14	97.5
R5	62.1	R10	67.1	R15	55.8



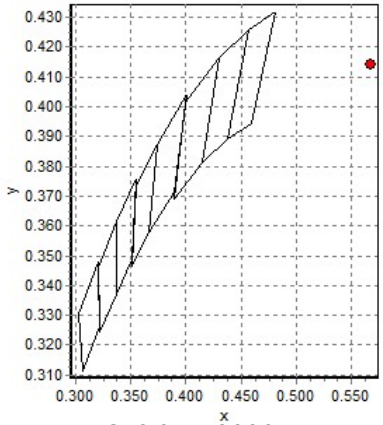
Radar Diagram of CRI

Flicker Frequency(Hz) Flicker %

Flicker Index



Spectral Distribution



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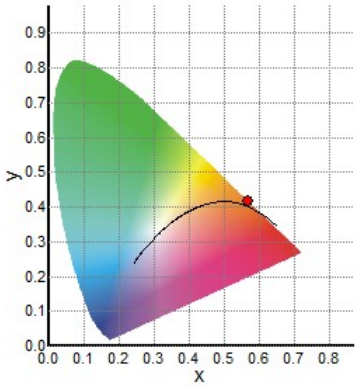
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Report of Photometry & Chromaticity for Light Source



Product Description

Product Name	Lux Reactor - 5M
Sample Number	1
Date(YYYY/MM/DD)	2025/6/19 15:43:12
Manufacturer	Blizzard Lighting
Tester	Joe Thomas
Temperature(°C)	Re. Humidity(%)
Reviewer	



CIE1931 Chromaticity Diagram

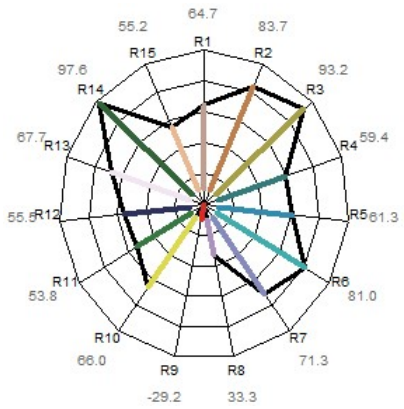
Photometry and Chromaticity

CIE_x	0.5692	Duv	0.0035
CIE_y	0.4152	λd(nm)	590.9
CIE_u'	0.3327	Purity(%)	95
CIE_v'	0.5460	FWHM(nm)	91
CCT(K)	1706	SP ratio	0.55
Illuminance(lx)	67	PPFD(μmol/m² s)	1.2
λp(nm)	615	CRI(Ra)	68
TLCI(Qa)	46.4	GAI	5.4
GAI BB8	37	GAI BB15	40
TM-30 Rf	71	TM-30 Rg	74

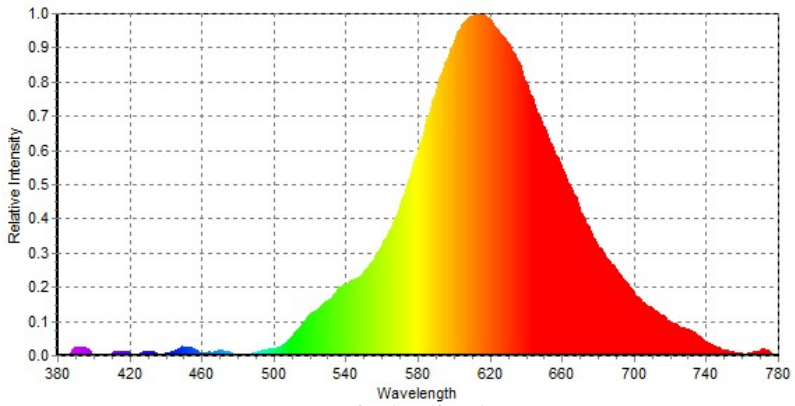
CQS-Qa	49	Re(thru R1~R15)	61

R1	64.7	R6	81.0	R11	53.8
R2	83.7	R7	71.3	R12	55.5
R3	93.2	R8	33.3	R13	67.7
R4	59.4	R9	-29.2	R14	97.6
R5	61.3	R10	66.0	R15	55.2

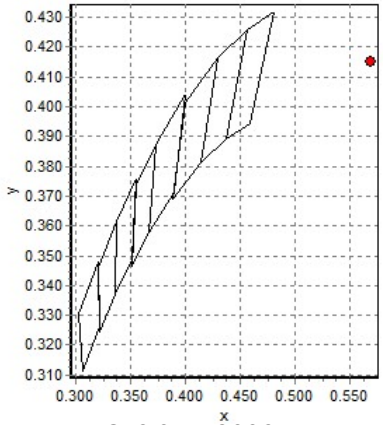
Flicker Frequency(Hz)	Flicker %
Flicker Index	



Radar Diagram of CRI



Spectral Distribution



C78.377-2008

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