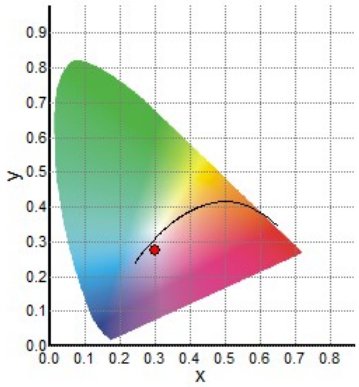
Report of Photometry & Chromaticity for Light Source



Product Description

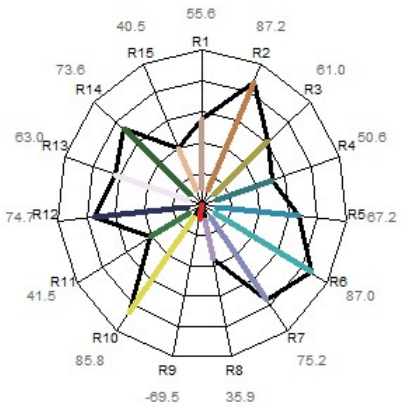
Product Name	LB™ Hex Alloy 2.5M
Sample Number	2
Date(YYYY/MM/DD)	2026/2/19 12:54:27
Manufacturer	Blizzard Lighting
Tester	Joe Thomas
Temperature(°C)	Re. Humidity(%)
Reviewer	



CIE1931 Chromaticity Diagram

Photometry and Chromaticity

CIE_x	0.3000	Duv	-0.0206
CIE_y	0.2736	λd(nm)	449.6
CIE_u'	0.2111	Purity(%)	19
CIE_v'	0.4333	FWHM(nm)	25
CCT(K)	8588	SP ratio	2.57
Illuminance(lx)	4389	PPFD(μmol/m² s)	83.3
λp(nm)	453	CRI(Ra)	65
TLCI(Qa)	68.0	GAI	142.0
GAI BB8	137	GAI BB15	133
TM-30 Rf	74	TM-30 Rg	119

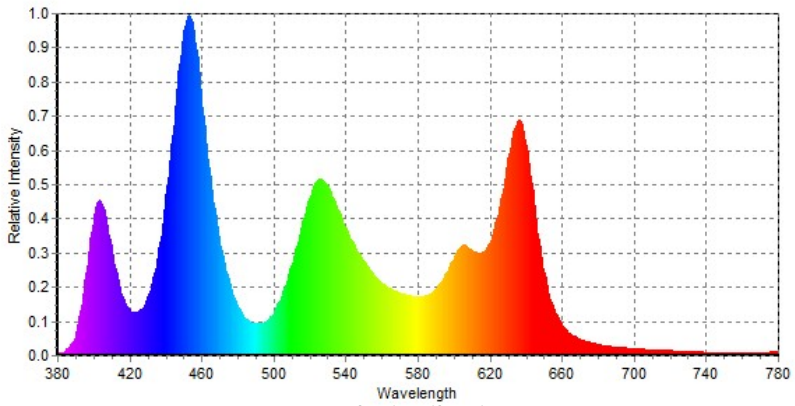


Radar Diagram of CRI

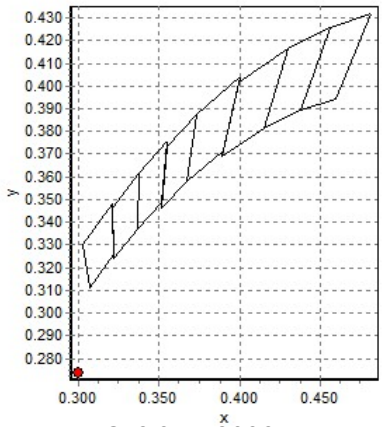
CQS-Qa	85	Re(thru R1~R15)	55		
R1	55.6	R6	87.0	R11	41.5
R2	87.2	R7	75.2	R12	74.7
R3	61.0	R8	35.9	R13	63.0
R4	50.6	R9	-69.5	R14	73.6
R5	67.2	R10	85.8	R15	40.5

Flicker Frequency(Hz) Flicker %

Flicker Index



Spectral Distribution



C78.377-2008

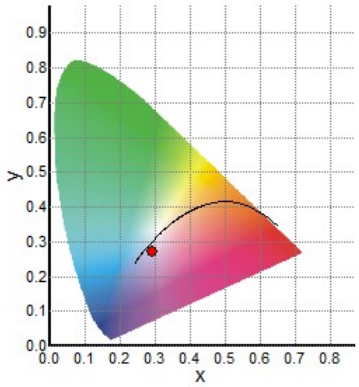
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Report of Photometry & Chromaticity for Light Source



Product Description

Product Name	LB™ Hex Alloy 3M
Sample Number	2
Date(YYYY/MM/DD)	2026/2/19 13:01:35
Manufacturer	Blizzard Lighting
Tester	Joe Thomas
Temperature(°C)	Re. Humidity(%)
Reviewer	



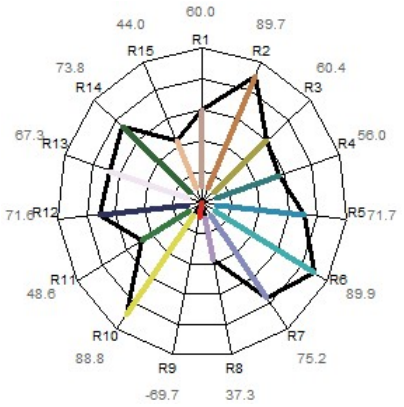
CIE1931 Chromaticity Diagram

Photometry and Chromaticity

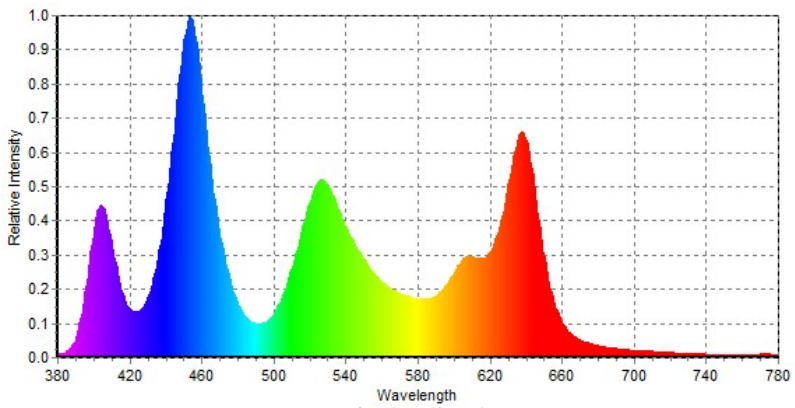
CIE_x	0.2934	Duv	-0.0171
CIE_y	0.2724	λd(nm)	463.4
CIE_u'	0.2065	Purity(%)	21
CIE_v'	0.4314	FWHM(nm)	26
CCT(K)	9432	SP ratio	2.64
Illuminance(lx)	2958	PPFD(μmol/m² s)	56.6
λp(nm)	454	CRI(Ra)	68
TLCI(Qa)	65.1	GAI	139.7
GAI BB8	133	GAI BB15	131
TM-30 Rf	74	TM-30 Rg	117

CQS-Qa	85	Re(thru R1~R15)	58		
R1	60.0	R6	89.9	R11	48.6
R2	89.7	R7	75.2	R12	71.6
R3	60.4	R8	37.3	R13	67.3
R4	56.0	R9	-69.7	R14	73.8
R5	71.7	R10	88.8	R15	44.0

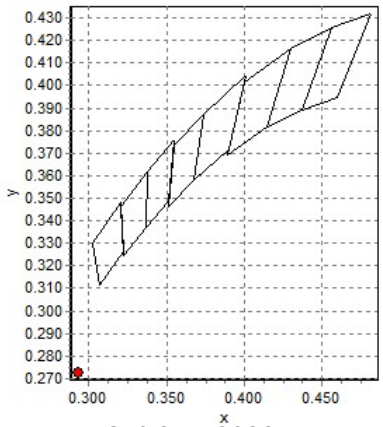
Flicker Frequency(Hz)	Flicker %
Flicker Index	



Radar Diagram of CRI



Spectral Distribution



C78.377-2008

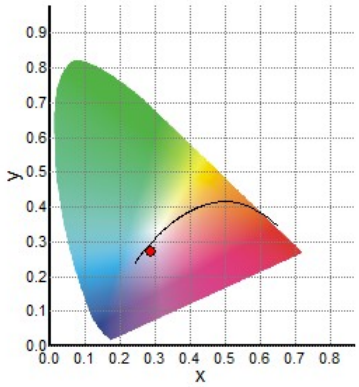
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Report of Photometry & Chromaticity for Light Source



Product Description

Product Name	LB™ Hex Alloy 4M
Sample Number	2
Date(YYYY/MM/DD)	2026/2/19 13:02:40
Manufacturer	Blizzard Lighting
Tester	Joe Thomas
Temperature(°C)	Re. Humidity(%)
Reviewer	



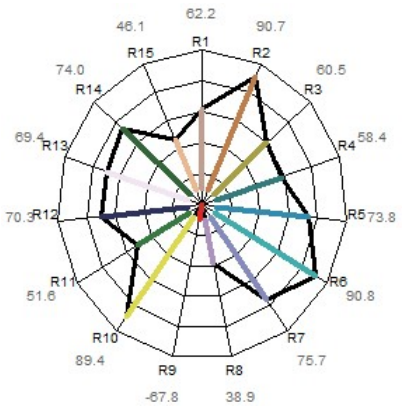
CIE1931 Chromaticity Diagram

Photometry and Chromaticity

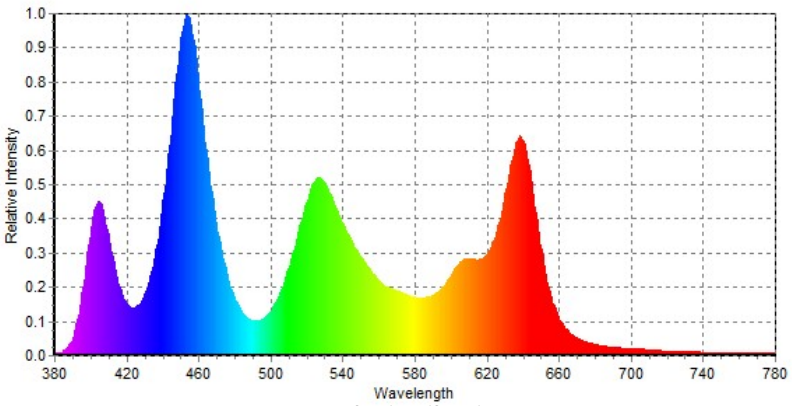
CIE_x	0.2898	Duv	-0.0154
CIE_y	0.2711	λd(nm)	466.9
CIE_u'	0.2043	Purity(%)	22
CIE_v'	0.4301	FWHM(nm)	26
CCT(K)	9975	SP ratio	2.67
Illuminance(lx)	1643	PPFD(μmol/m² s)	31.5
λp(nm)	454	CRI(Ra)	69
TLCI(Qa)	64.4	GAI	138.7
GAI BB8	132	GAI BB15	129
TM-30 Rf	75	TM-30 Rg	116

CQS-Qa	86	Re(thru R1~R15)	59		
R1	62.2	R6	90.8	R11	51.6
R2	90.7	R7	75.7	R12	70.3
R3	60.5	R8	38.9	R13	69.4
R4	58.4	R9	-67.8	R14	74.0
R5	73.8	R10	89.4	R15	46.1

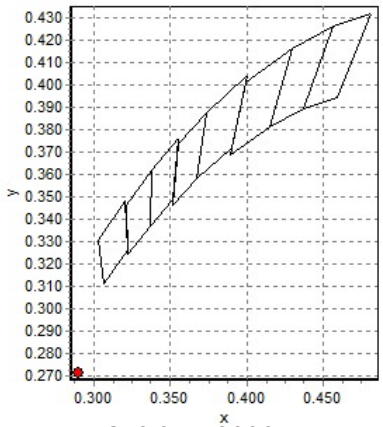
Flicker Frequency(Hz)	Flicker %
Flicker Index	



Radar Diagram of CRI



Spectral Distribution



C78.377-2008

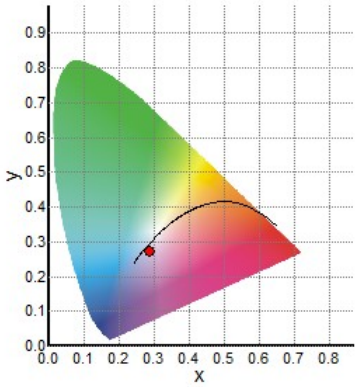
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Report of Photometry & Chromaticity for Light Source



Product Description

Product Name	LB™ Hex Alloy 5M
Sample Number	2
Date(YYYY/MM/DD)	2026/2/19 13:04:09
Manufacturer	Blizzard Lighting
Tester	Joe Thomas
Temperature(°C)	Re. Humidity(%)
Reviewer	



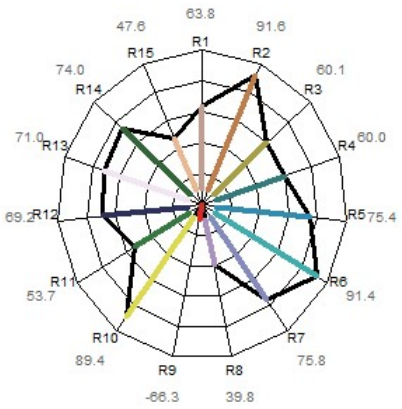
CIE1931 Chromaticity Diagram

Photometry and Chromaticity

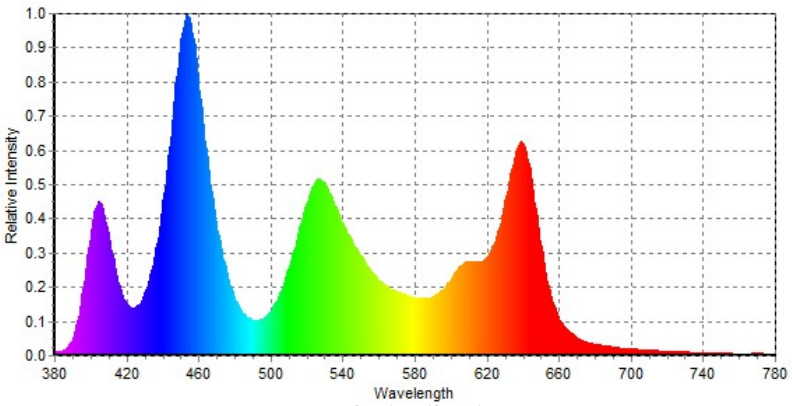
CIE_x	0.2874	Duv	-0.0143
CIE_y	0.2705	λd(nm)	468.6
CIE_u'	0.2028	Purity(%)	22
CIE_v'	0.4293	FWHM(nm)	26
CCT(K)	10340	SP ratio	2.70
Illuminance(lx)	991	PPFD(μmol/m² s)	19.0
λp(nm)	454	CRI(Ra)	70
TLCI(Qa)	63.6	GAI	137.9
GAI BB8	130	GAI BB15	129
TM-30 Rf	75	TM-30 Rg	116

CQS-Qa	86	Re(thru R1~R15)	60		
R1	63.8	R6	91.4	R11	53.7
R2	91.6	R7	75.8	R12	69.2
R3	60.1	R8	39.8	R13	71.0
R4	60.0	R9	-66.3	R14	74.0
R5	75.4	R10	89.4	R15	47.6

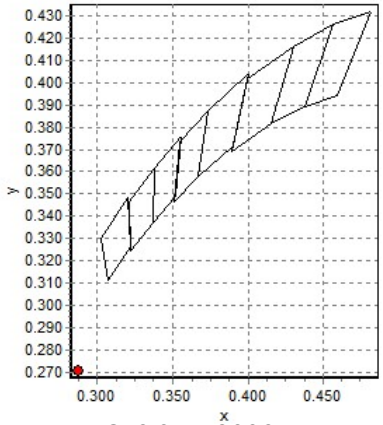
Flicker Frequency(Hz)	Flicker %
Flicker Index	



Radar Diagram of CRI



Spectral Distribution



C78.377-2008

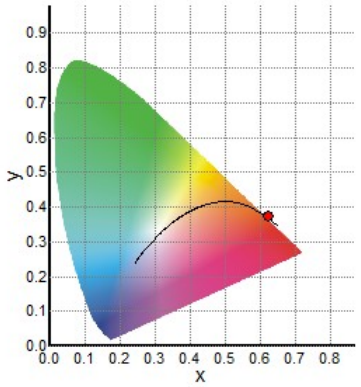
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Report of Photometry & Chromaticity for Light Source



Product Description

Product Name	LB™ Hex Alloy (Amber Only) 2.5M		
Sample Number	2		
Date(YYYY/MM/DD)	2026/2/19 13:33:02		
Manufacturer	Blizzard Lighting		
Tester	Joe Thomas		
Temperature(°C)	0	Re. Humidity(%)	
Reviewer			



CIE1931 Chromaticity Diagram

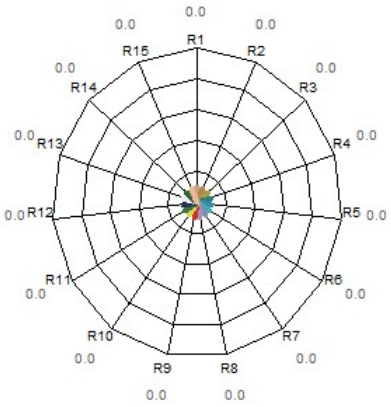
Photometry and Chromaticity

CIE_x	0.6258	Duv	0.0000
CIE_y	0.3726	λd(nm)	599.9
CIE_u'	0.4024	Purity(%)	1E2
CIE_v'	0.5392	FWHM(nm)	21
CCT(K)	1794	SP ratio	0.16
Illuminance(lx)	534	PPFD(μmol/m² s)	6.7
λp(nm)	603	CRI(Ra)	0
TLCI(Qa)	0.0	GAI	0.0
GAI BB8	0	GAI BB15	0
TM-30 Rf	0	TM-30 Rg	0

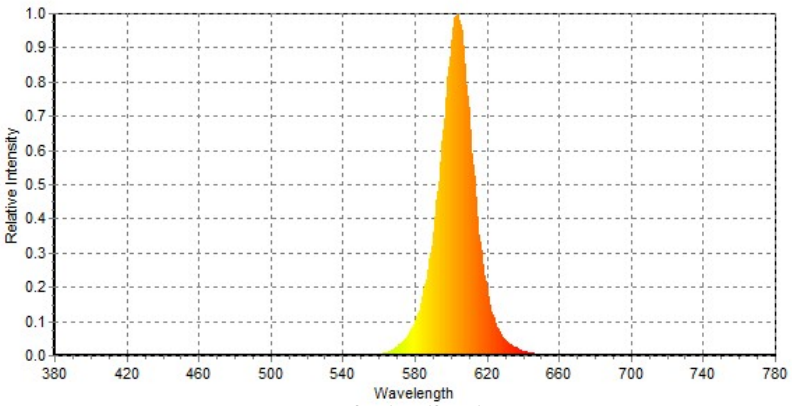
CQS-Qa	0	Re(thru R1~R15)	0

R1	0.0	R6	0.0	R11	0.0
R2	0.0	R7	0.0	R12	0.0
R3	0.0	R8	0.0	R13	0.0
R4	0.0	R9	0.0	R14	0.0
R5	0.0	R10	0.0	R15	0.0

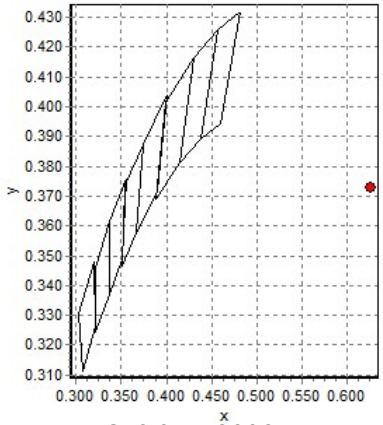
Flicker Frequency(Hz)	Flicker %
Flicker Index	



Radar Diagram of CRI



Spectral Distribution



C78.377-2008

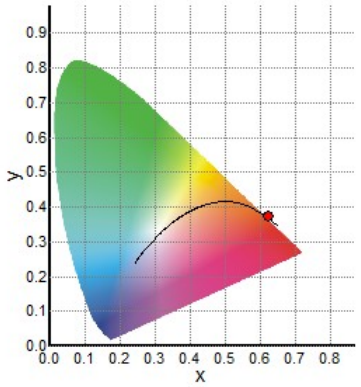
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Report of Photometry & Chromaticity for Light Source



Product Description

Product Name	LB™ Hex Alloy (Amber Only) 5M		
Sample Number	2		
Date(YYYY/MM/DD)	2026/2/19 13:31:40		
Manufacturer	Blizzard Lighting		
Tester	Joe Thomas		
Temperature(°C)	0	Re. Humidity(%)	
Reviewer			



CIE1931 Chromaticity Diagram

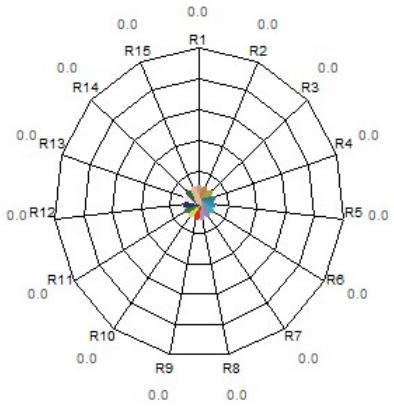
Photometry and Chromaticity

CIE_x	0.6269	Duv	0.0000
CIE_y	0.3725	λd(nm)	600.0
CIE_u'	0.4034	Purity(%)	1E2
CIE_v'	0.5393	FWHM(nm)	21
CCT(K)	1794	SP ratio	0.15
Illuminance(lx)	134	PPFD(μmol/m² s)	1.7
λp(nm)	603	CRI(Ra)	0
TLCI(Qa)	0.0	GAI	0.0
GAI BB8	0	GAI BB15	0
TM-30 Rf	0	TM-30 Rg	0

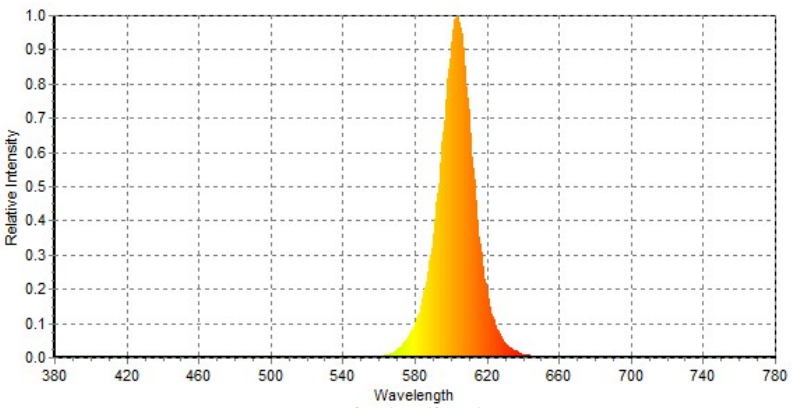
CQS-Qa	0	Re(thru R1~R15)	0

R1	0.0	R6	0.0	R11	0.0
R2	0.0	R7	0.0	R12	0.0
R3	0.0	R8	0.0	R13	0.0
R4	0.0	R9	0.0	R14	0.0
R5	0.0	R10	0.0	R15	0.0

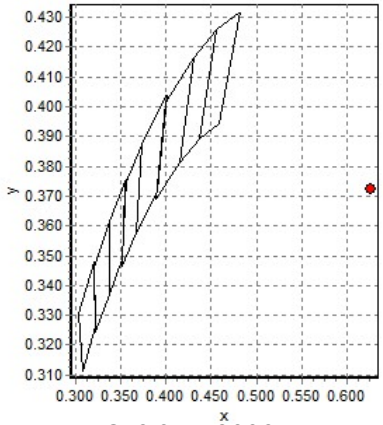
Flicker Frequency(Hz)	Flicker %
Flicker Index	



Radar Diagram of CRI



Spectral Distribution



C78.377-2008

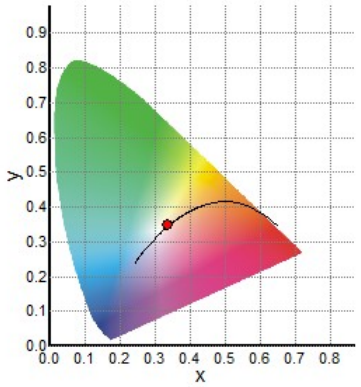
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Report of Photometry & Chromaticity for Light Source



Product Description

Product Name	LB™ Hex Alloy (White Only) 2.5M
Sample Number	2
Date(YYYY/MM/DD)	2026/2/19 12:58:04
Manufacturer	Blizzard Lighting
Tester	Joe Thomas
Temperature(°C)	Re. Humidity(%)
Reviewer	

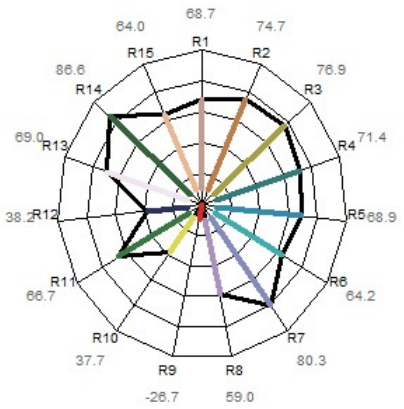


CIE1931 Chromaticity Diagram

Photometry and Chromaticity

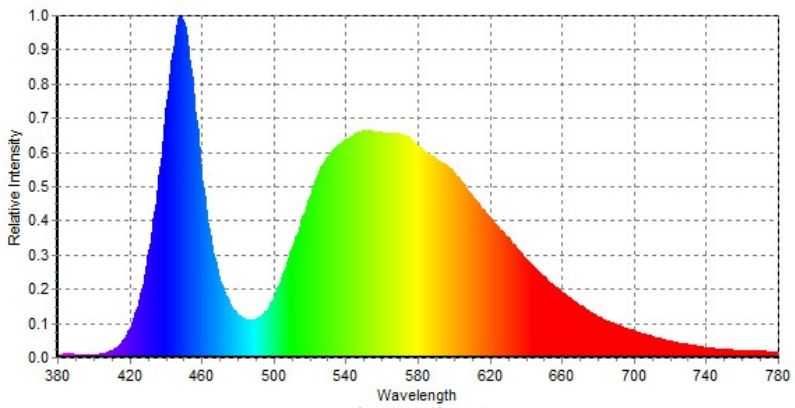
CIE_x	0.3366	Duv	0.0024
CIE_y	0.3494	λd(nm)	562.2
CIE_u'	0.2065	Purity(%)	6
CIE_v'	0.4823	FWHM(nm)	26
CCT(K)	5332	SP ratio	1.79
Illuminance(lx)	2396	PPFD(μmol/m² s)	33.5
λp(nm)	448	CRI(Ra)	71
TLCI(Qa)	46.3	GAI	81.4
GAI BB8	90	GAI BB15	95
TM-30 Rf	68	TM-30 Rg	94

CQS-Qa	69	Re(thru R1~R15)	60		
R1	68.7	R6	64.2	R11	66.7
R2	74.7	R7	80.3	R12	38.2
R3	76.9	R8	59.0	R13	69.0
R4	71.4	R9	-26.7	R14	86.6
R5	68.9	R10	37.7	R15	64.0

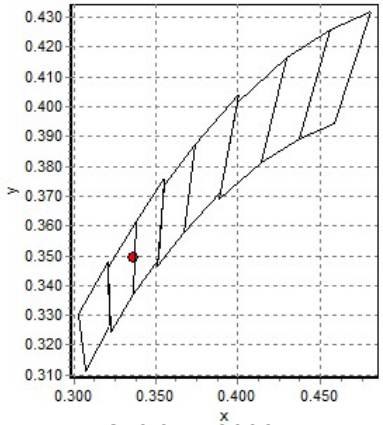


Radar Diagram of CRI

Flicker Frequency(Hz)	Flicker %
Flicker Index	



Spectral Distribution



C78.377-2008

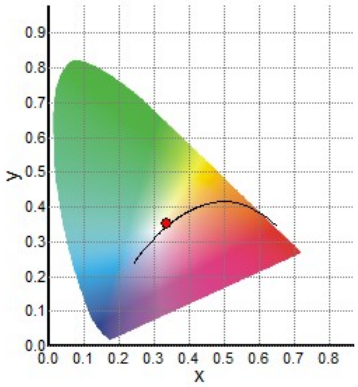
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Report of Photometry & Chromaticity for Light Source



Product Description

Product Name	LB™ Hex Alloy (White Only) 5M
Sample Number	2
Date(YYYY/MM/DD)	2026/2/19 15:54:12
Manufacturer	Blizzard Lighting
Tester	Joe Thomas
Temperature(°C)	Re. Humidity(%)
Reviewer	

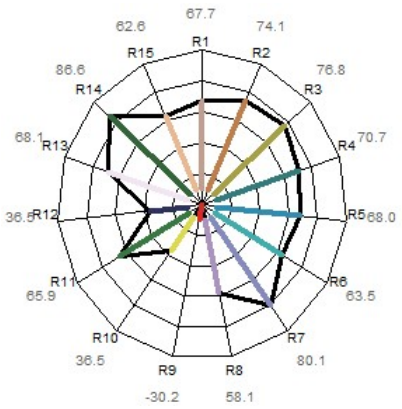


CIE1931 Chromaticity Diagram

Photometry and Chromaticity

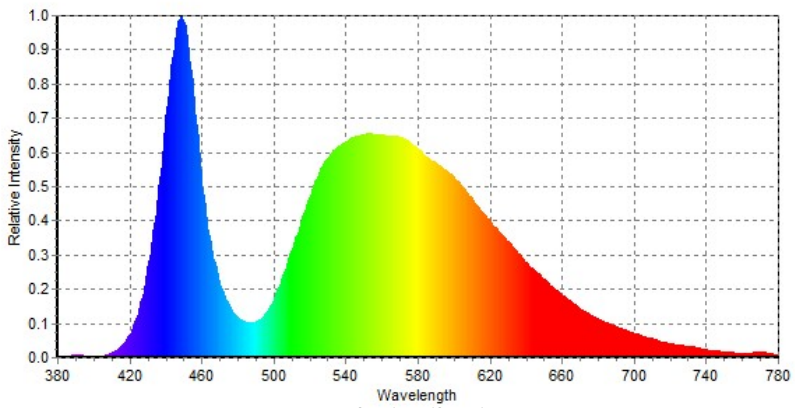
CIE_x	0.3366	Duv	0.0036
CIE_y	0.3518	λd(nm)	561.3
CIE_u'	0.2056	Purity(%)	7
CIE_v'	0.4835	FWHM(nm)	25
CCT(K)	5338	SP ratio	1.79
Illuminance(lx)	578	PPFD(μmol/m² s)	7.9
λp(nm)	449	CRI(Ra)	70
TLCI(Qa)	45.9	GAI	80.4
GAI BB8	88	GAI BB15	94
TM-30 Rf	68	TM-30 Rg	93

CQS-Qa	69	Re(thru R1~R15)	59		
R1	67.7	R6	63.5	R11	65.9
R2	74.1	R7	80.1	R12	36.5
R3	76.8	R8	58.1	R13	68.1
R4	70.7	R9	-30.2	R14	86.6
R5	68.0	R10	36.5	R15	62.6

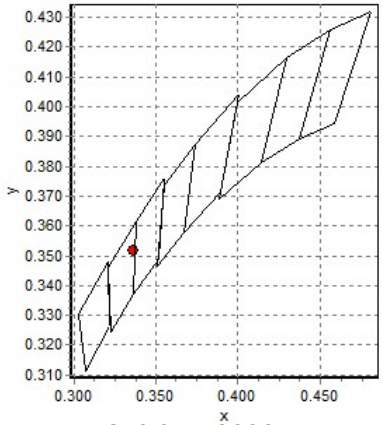


Radar Diagram of CRI

Flicker Frequency(Hz)	Flicker %
Flicker Index	



Spectral Distribution



C78.377-2008

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