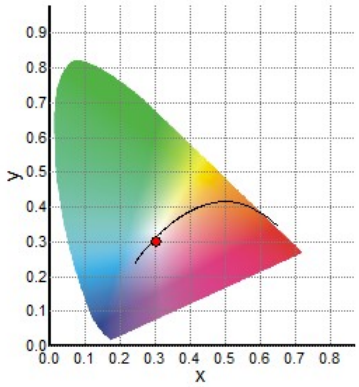
# Report of Photometry & Chromaticity for Light Source



## Product Description

| | |
|---|---|
| Product Name | SkyBox™ G2 RGBALC - 2M |
| Sample Number | 1 |
| Date(YYYY/MM/DD) | 2025/11/20 11:48:24 |
| Manufacturer | Blizzard Lighting |
| Tester | Joe Thomas |
| Temperature( °C) | Re. Humidity(%) |
| Reviewer | |




CIE1931 Chromaticity Diagram

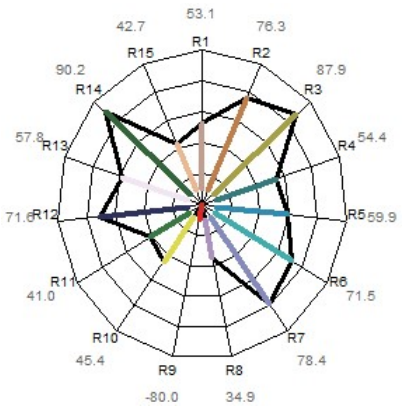
## Photometry and Chromaticity

| | | | |
|---|---|---|---|
| CIE_x | 0.3040 | Duv | -0.0079 |
| CIE_y | 0.2996 | λd(nm) | 474.0 |
| CIE_u' | 0.2031 | Purity(%) | 13 |
| CIE_v' | 0.4504 | FWHM(nm) | 27 |
| CCT(K) | 7438 | SP ratio | 2.88 |
| Illuminance(lx) | 5344 | PPFD(μmol/m² s) | 97.3 |
| λp(nm) | 452 | CRI(Ra) | 65 |
| TLCI(Qa) | 53.5 | GAI | 130.1 |
| GAI BB8 | 129 | GAI BB15 | 125 |
| TM-30 Rf | 74 | TM-30 Rg | 112 |

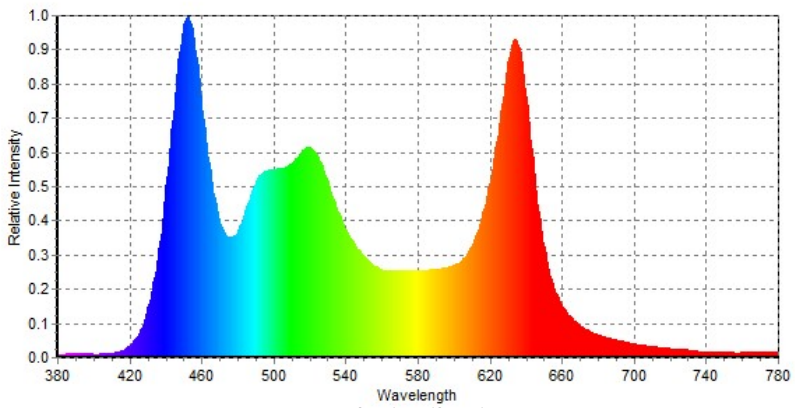
| | | | |
|---|---|---|---|
| CQS-Qa | 80 | Re(thru R1~R15) | 52 |

| | | | | | |
|---|---|---|---|---|---|
| R1 | 53.1 | R6 | 71.5 | R11 | 41.0 |
| R2 | 76.3 | R7 | 78.4 | R12 | 71.6 |
| R3 | 87.9 | R8 | 34.9 | R13 | 57.8 |
| R4 | 54.4 | R9 | -80.0 | R14 | 90.2 |
| R5 | 59.9 | R10 | 45.4 | R15 | 42.7 |

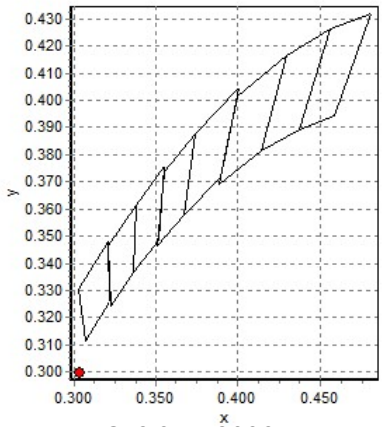
| | |
|---|---|
| Flicker Frequency(Hz) | Flicker % |
| Flicker Index | |




Radar Diagram of CRI




Spectral Distribution




C78.377-2008

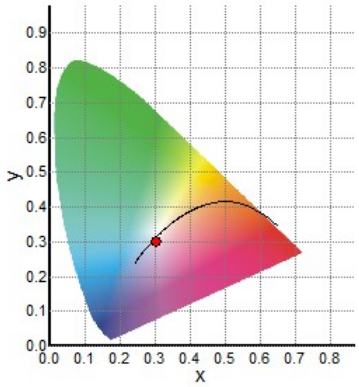
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# Report of Photometry & Chromaticity for Light Source



## Product Description

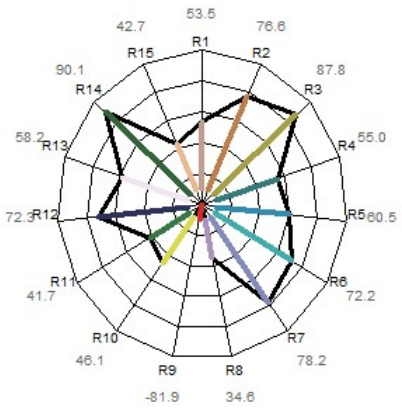
| | |
|---|---|
| Product Name | SkyBox™ G2 RGBALC - 2.5M |
| Sample Number | 1 |
| Date(YYYY/MM/DD) | 2025/11/20 11:50:03 |
| Manufacturer | Blizzard Lighting |
| Tester | Joe Thomas |
| Temperature( °C) | Re. Humidity(%) |
| Reviewer | |




CIE1931 Chromaticity Diagram

## Photometry and Chromaticity

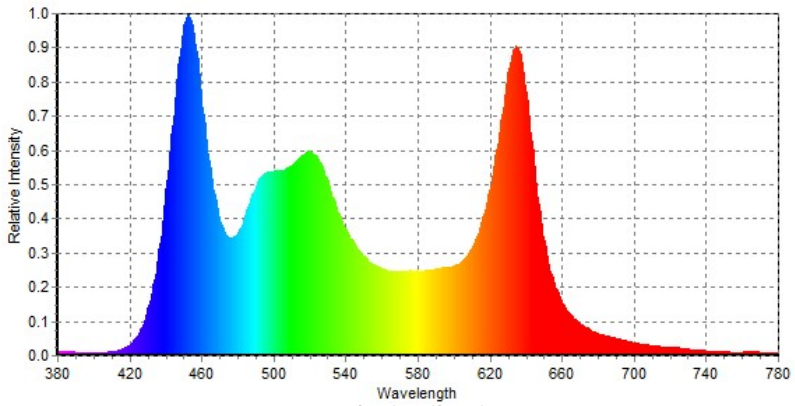
| | | | |
|---|---|---|---|
| CIE_x | 0.3027 | Duv | -0.0077 |
| CIE_y | 0.2986 | λd(nm) | 474.3 |
| CIE_u' | 0.2026 | Purity(%) | 14 |
| CIE_v' | 0.4496 | FWHM(nm) | 27 |
| CCT(K) | 7559 | SP ratio | 2.89 |
| Illuminance(lx) | 3263 | PPFD(μmol/m² s) | 59.4 |
| λp(nm) | 453 | CRI(Ra) | 65 |
| TLCI(Qa) | 53.5 | GAI | 130.3 |
| GAI BB8 | 129 | GAI BB15 | 125 |
| TM-30 Rf | 74 | TM-30 Rg | 113 |



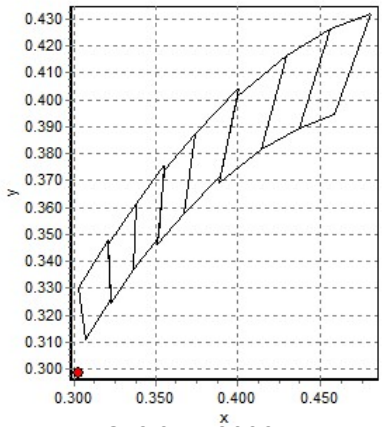

Radar Diagram of CRI

| | | | | | |
|---|---|---|---|---|---|
| CQS-Qa | 81 | Re(thru R1~R15) | 53 | | |
| R1 | 53.5 | R6 | 72.2 | R11 | 41.7 |
| R2 | 76.6 | R7 | 78.2 | R12 | 72.3 |
| R3 | 87.8 | R8 | 34.6 | R13 | 58.2 |
| R4 | 55.0 | R9 | -81.9 | R14 | 90.1 |
| R5 | 60.5 | R10 | 46.1 | R15 | 42.7 |

| | |
|---|---|
| Flicker Frequency(Hz) | Flicker % |
| Flicker Index | |




Spectral Distribution




C78.377-2008

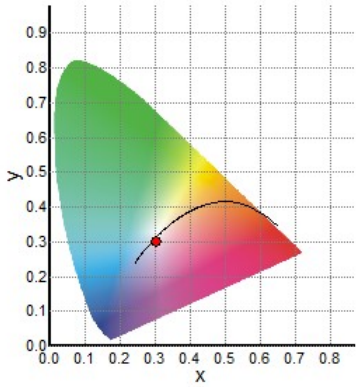
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# Report of Photometry & Chromaticity for Light Source



## Product Description

| | |
|---|---|
| Product Name | SkyBox™ G2 RGBALC - 3M |
| Sample Number | 1 |
| Date(YYYY/MM/DD) | 2025/11/20 11:50:42 |
| Manufacturer | Blizzard Lighting |
| Tester | Joe Thomas |
| Temperature( °C) | Re. Humidity(%) |
| Reviewer | |




CIE1931 Chromaticity Diagram

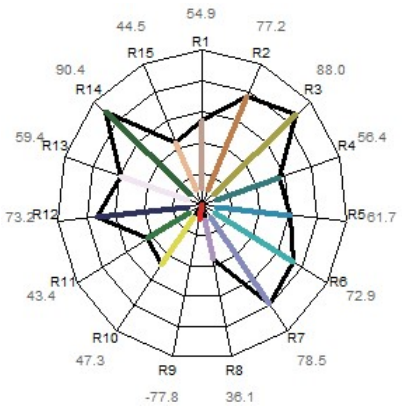
## Photometry and Chromaticity

| | | | |
|---|---|---|---|
| CIE_x | 0.3027 | Duv | -0.0064 |
| CIE_y | 0.3010 | λd(nm) | 475.9 |
| CIE_u' | 0.2016 | Purity(%) | 14 |
| CIE_v' | 0.4510 | FWHM(nm) | 27 |
| CCT(K) | 7511 | SP ratio | 2.89 |
| Illuminance(lx) | 2449 | PPFD(μmol/m² s) | 44.5 |
| λp(nm) | 453 | CRI(Ra) | 66 |
| TLCI(Qa) | 53.4 | GAI | 128.9 |
| GAI BB8 | 127 | GAI BB15 | 124 |
| TM-30 Rf | 74 | TM-30 Rg | 112 |

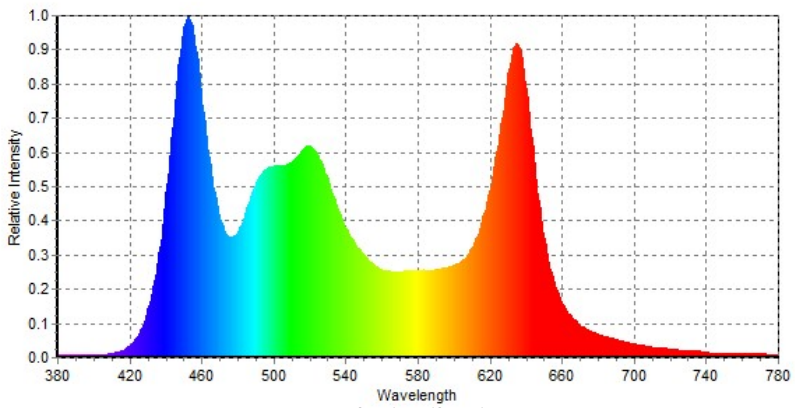
| | | | |
|---|---|---|---|
| CQS-Qa | 81 | Re(thru R1~R15) | 54 |

| | | | | | |
|---|---|---|---|---|---|
| R1 | 54.9 | R6 | 72.9 | R11 | 43.4 |
| R2 | 77.2 | R7 | 78.5 | R12 | 73.2 |
| R3 | 88.0 | R8 | 36.1 | R13 | 59.4 |
| R4 | 56.4 | R9 | -77.8 | R14 | 90.4 |
| R5 | 61.7 | R10 | 47.3 | R15 | 44.5 |

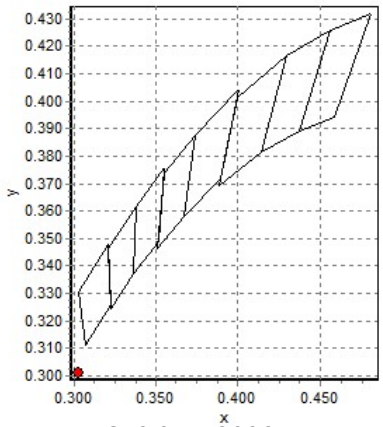
| | |
|---|---|
| Flicker Frequency(Hz) | Flicker % |
| Flicker Index | |




Radar Diagram of CRI




Spectral Distribution




C78.377-2008

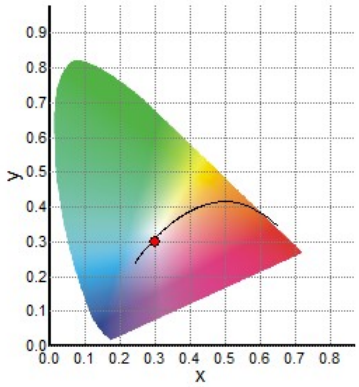
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# Report of Photometry & Chromaticity for Light Source



## Product Description

| | |
|---|---|
| Product Name | SkyBox™ G2 RGBALC - 4M |
| Sample Number | 1 |
| Date(YYYY/MM/DD) | 2025/11/20 11:53:46 |
| Manufacturer | Blizzard Lighting |
| Tester | Joe Thomas |
| Temperature( °C) | Re. Humidity(%) |
| Reviewer | |

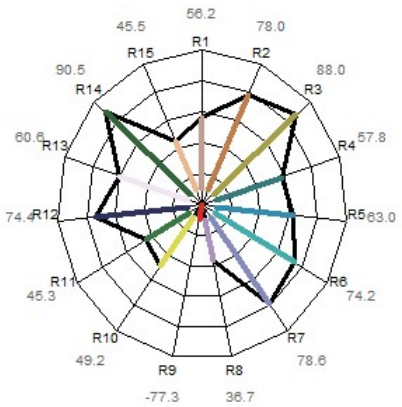



CIE1931 Chromaticity Diagram

## Photometry and Chromaticity

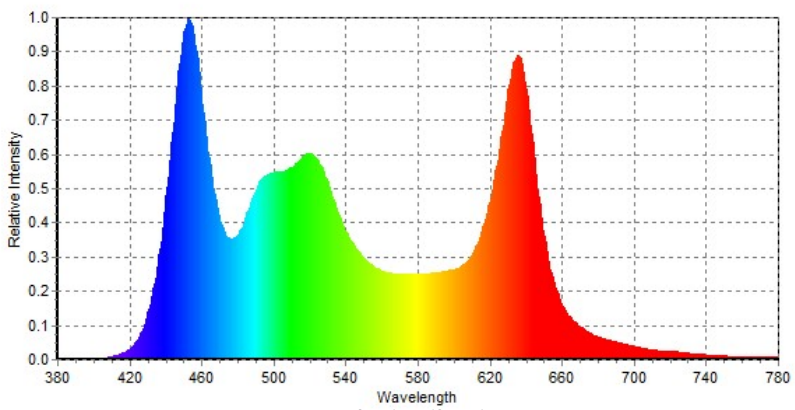
| | | | |
|---|---|---|---|
| CIE_x | 0.3007 | Duv | -0.0059 |
| CIE_y | 0.2999 | λd(nm) | 476.5 |
| CIE_u' | 0.2006 | Purity(%) | 14 |
| CIE_v' | 0.4500 | FWHM(nm) | 27 |
| CCT(K) | 7690 | SP ratio | 2.90 |
| Illuminance(lx) | 1300 | PPFD(μmol/m² s) | 23.6 |
| λp(nm) | 453 | CRI(Ra) | 67 |
| TLCI(Qa) | 54.3 | GAI | 128.7 |
| GAI BB8 | 127 | GAI BB15 | 123 |
| TM-30 Rf | 75 | TM-30 Rg | 112 |

| | | | | | |
|---|---|---|---|---|---|
| CQS-Qa | 81 | Re(thru R1~R15) | 55 | | |
| R1 | 56.2 | R6 | 74.2 | R11 | 45.3 |
| R2 | 78.0 | R7 | 78.6 | R12 | 74.4 |
| R3 | 88.0 | R8 | 36.7 | R13 | 60.6 |
| R4 | 57.8 | R9 | -77.3 | R14 | 90.5 |
| R5 | 63.0 | R10 | 49.2 | R15 | 45.5 |

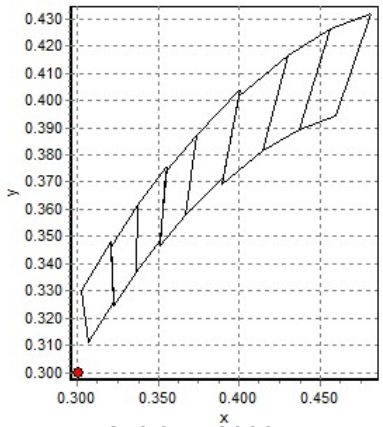



Radar Diagram of CRI

| | |
|---|---|
| Flicker Frequency(Hz) | Flicker % |
| Flicker Index | |




Spectral Distribution




C78.377-2008

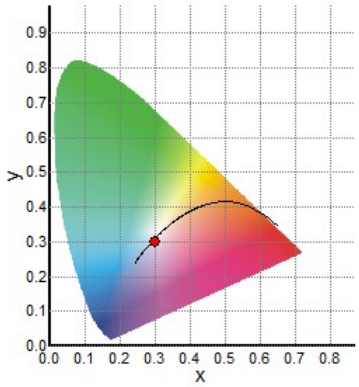
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# Report of Photometry & Chromaticity for Light Source



## Product Description

| | |
|---|---|
| Product Name | SkyBox™ G2 RGBALC - 5M |
| Sample Number | 1 |
| Date(YYYY/MM/DD) | 2025/11/20 11:54:28 |
| Manufacturer | Blizzard Lighting |
| Tester | Joe Thomas |
| Temperature( °C) | Re. Humidity(%) |
| Reviewer | |




CIE1931 Chromaticity Diagram

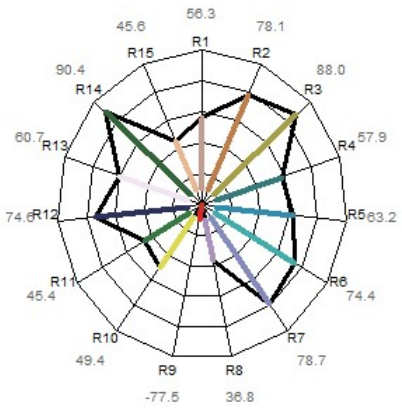
## Photometry and Chromaticity

| | | | |
|---|---|---|---|
| CIE_x | 0.3002 | Duv | -0.0059 |
| CIE_y | 0.2992 | λd(nm) | 476.4 |
| CIE_u' | 0.2005 | Purity(%) | 15 |
| CIE_v' | 0.4496 | FWHM(nm) | 27 |
| CCT(K) | 7745 | SP ratio | 2.90 |
| Illuminance(lx) | 790 | PPFD(μmol/m² s) | 14.4 |
| λp(nm) | 453 | CRI(Ra) | 67 |
| TLCI(Qa) | 54.4 | GAI | 128.9 |
| GAI BB8 | 127 | GAI BB15 | 123 |
| TM-30 Rf | 75 | TM-30 Rg | 112 |

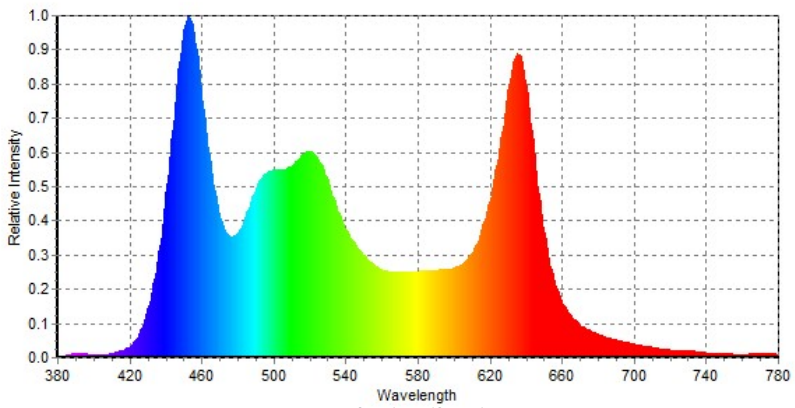
| | | | |
|---|---|---|---|
| CQS-Qa | 81 | Re(thru R1~R15) | 55 |

| | | | | | |
|---|---|---|---|---|---|
| R1 | 56.3 | R6 | 74.4 | R11 | 45.4 |
| R2 | 78.1 | R7 | 78.7 | R12 | 74.6 |
| R3 | 88.0 | R8 | 36.8 | R13 | 60.7 |
| R4 | 57.9 | R9 | -77.5 | R14 | 90.4 |
| R5 | 63.2 | R10 | 49.4 | R15 | 45.6 |

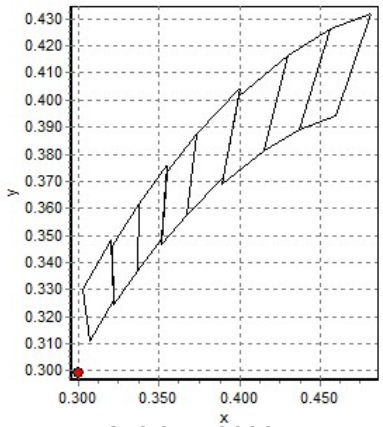
| | |
|---|---|
| Flicker Frequency(Hz) | Flicker % |
| Flicker Index | |




Radar Diagram of CRI




Spectral Distribution




C78.377-2008

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