

# Produktdatenblatt

DELEGIERTE VERORDNUNG (EU) 2019/2015 DER KOMMISSION zur  
Energieverbrauchskennzeichnung von Lichtquellen

**Name oder Handelsmarke des Lieferanten:** ASUS

**Anschrift des Lieferanten:** ASUS Service & Support, ASUS Computer GmbH | Harkortstraße 21 - 23  
| 40880 Ratingen | Germany

**Modellkennung:** ALB01

**Art der Lichtquelle:**

|                                                                         |               |                              |      |
|-------------------------------------------------------------------------|---------------|------------------------------|------|
| Verwendete Beleuchtungstechnologie:                                     | LED           | Ungebündelt oder gebündelt:  | DLS  |
| Art des Sockels der Lichtquelle (oder andere elektrische Schnittstelle) | USB connector |                              |      |
| Netzspannung/Nicht direkt an die Netzspannung angeschlossen:            | NMLS          | Vernetzte Lichtquelle (CLS): | Nein |
| Farblich abstimmbare Lichtquelle:                                       | Nein          | Hülle:                       | -    |
| Lichtquelle mit hoher Leuchtdichte:                                     | Nein          |                              |      |
| Blendschutzschild:                                                      | Nein          | Dimmbar:                     | Ja   |

## Produktparameter

| Parameter                                                                                                                                                                                                  | Wert                                 | Parameter                                                                                                                                                         | Wert        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| <b>Allgemeine Produktparameter:</b>                                                                                                                                                                        |                                      |                                                                                                                                                                   |             |
| Energieverbrauch im Ein-Zustand (kWh/1000 h), auf die nächstliegende ganze Zahl gerundet                                                                                                                   | 4                                    | Energieeffizienzklasse                                                                                                                                            | G           |
| Nutzlichtstrom ( $\phi_{use}$ ) mit Angabe, ob sich der Wert auf den Lichtstrom in einer Kugel ( $360^\circ$ ), in einem breiten Kegel ( $120^\circ$ ) oder in einem schmalen Kegel ( $90^\circ$ ) bezieht | 200 in schmaler Kegel ( $90^\circ$ ) | ähnliche Farbtemperatur, gerundet auf die nächstliegenden 100 K, oder Spanne der einstellbaren ähnlichen Farbtemperaturen, gerundet auf die nächstliegenden 100 K | 2700...6500 |
| Leistungsaufnahme im Ein-Zustand ( $P_{on}$ ) in W                                                                                                                                                         | 4,0                                  | Leistungsaufnahme im Bereitschaftszustand ( $P_{sb}$ ) in W, auf die zweite Dezimalstelle gerundet                                                                | -           |
| Leistungsaufnahme im vernetzten Bereitschaftsbetrieb ( $P_{net}$ )                                                                                                                                         | -                                    | Farbwiedergabeindex, auf die                                                                                                                                      | 95          |

|                                                                                                                             |        |      |                                                                             |                              |
|-----------------------------------------------------------------------------------------------------------------------------|--------|------|-----------------------------------------------------------------------------|------------------------------|
| für CLS in W, auf die zweite Dezimalstelle gerundet                                                                         |        |      | nächstliegende ganze Zahl gerundet, oder Spanne der einstellbaren CRI-Werte |                              |
| äußere Abmessungen, ggf. ohne separates Betriebsgerät, Beleuchtungssteuerungsteile und Nicht-Beleuchtungsteile (Millimeter) | Höhe   | 498  | Spektrale Strahlungsverteilung im Bereich 250 nm bis 800 nm bei Volllast    | Siehe Bild auf letzter Seite |
|                                                                                                                             | Breite | 108  |                                                                             |                              |
|                                                                                                                             | Tiefe  | 117  |                                                                             |                              |
| Angabe zu einer gleichwertigen Leistungsaufnahme <sup>(a)</sup>                                                             |        | -    | Falls ja, gleichwertige Leistungsaufnahme (W)                               | -                            |
|                                                                                                                             |        |      | Farbwertanteile (x und y)                                                   | 0,313<br>0,337               |
| <b>Parameter für Lichtquellen mit gebündeltem Licht:</b>                                                                    |        |      |                                                                             |                              |
| Spitzenlichtstärke (cd)                                                                                                     |        | 300  | Halbwertswinkel in Grad oder Spanne der einstellbaren Halbwertswinkel       | 70                           |
| <b>Parameter für LED- und OLED-Lichtquellen:</b>                                                                            |        |      |                                                                             |                              |
| Wert des R9-Farbwiedergabeindex                                                                                             |        | 95   | Lebensdauerfaktor                                                           | 0,90                         |
| Lichtstromerhalt                                                                                                            |        | 0,96 |                                                                             |                              |

(a) „-“: nicht zutreffend;

(b) „-“: nicht zutreffend;

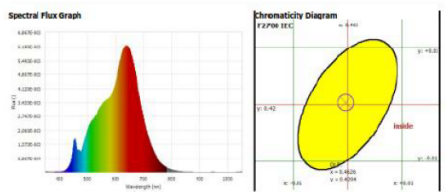
Report No.: 68.140.24.0073.02



Product Service

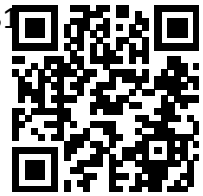
## Attachment 1: Photometric test record

Model: ALB01 with CCT 2700K



| Spectral Result     |               |                          |               |
|---------------------|---------------|--------------------------|---------------|
| Radiant Flux $\Phi$ | 1.00972 (W)   | Luminous Flux $\Phi_v$   | 259.516 (lm)  |
| CUV                 | 0.4071 (m)    | Chrom x                  | 0.426         |
| Chrom y             | 0.4204        | Chrom u                  | 0.2099        |
| Chrom v             | 0.3543        | Duv                      | 0.0034        |
| Chrom u'            | 0.2599        | Chrom v'                 | 0.3314        |
| A (peak)            | 635.2409 (nm) | A (center)               | 614.5728 (nm) |
| A (center)          | 609.8304 (nm) | A (dom)                  | 580.0 (nm)    |
| Planck              | 151.2306 (nm) | Purity                   | 85.1 (%)      |
| CCT                 | 2738 (K)      | Luminous Efficacy $\eta$ | N/A (lm/W)    |
| SDCM/Step           | 0.4 F2700 IEC | PPF                      | 4.576         |
| YFP                 | 4.188         | Ra                       | 97            |
| R1                  | 97            | R2                       | 99            |
| R2                  | 99            | R3                       | 99            |
| R3                  | 97            | R4                       | 99            |
| R4                  | 97            | R5                       | 99            |
| R5                  | 99            | R6                       | 99            |
| R6                  | 99            | R7                       | 99            |
| R7                  | 97            | R8                       | 99            |
| R8                  | 99            | R9                       | 99            |
| R9                  | 97            | R10                      | 99            |
| R10                 | 99            | R11                      | 99            |
| R11                 | 97            | R12                      | 99            |
| R12                 | 99            | R13                      | 99            |
| R13                 | 97            | R14                      | 99            |
| R14                 | 99            | R15                      | 99            |
| R15                 | 97            | R16                      | 99            |
| R16                 | 99            | R17                      | 99            |
| R17                 | 97            | R18                      | 99            |
| R18                 | 99            | R19                      | 99            |
| R19                 | 97            | R20                      | 99            |
| R20                 | 99            | R21                      | 99            |
| R21                 | 97            | R22                      | 99            |
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| R25                 | 97            | R26                      | 99            |
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| R322                | 99            | R323                     | 99            |
| R323                | 97            | R324                     | 99            |
| R324                | 99            | R325                     | 99            |

Das Modell wurde auf dem Unionsmarkt in Verkehr gebracht , und zwar ab dem 31.



**EPREL-Eintragungsnummer** 1952236

<https://eprel.ec.europa.eu/qr/1952236>

**Lieferant:** ASUS Computer GmbH (Bevollmächtigter)

**Website:** <https://www.asus.com/de/>

**Kundenbetreuung:**

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**Website:** <https://www.asus.com/de/support/>

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