

# Product Information Sheet

COMMISSION DELEGATED REGULATION (EU) 2019/2015 with regard to energy labelling of light sources

**Supplier's name or trade mark:** NICHIA

**Supplier's address:** LED, Westerbachstrasse 28, 61476 Kronberg im Taunus, DE

**Model identifier:** NFCWD084B-V3 sm272Q0286R9050

## Type of light source:

|   |            |                                 |      |
|---|------------|---------------------------------|------|
| Lighting technology used:                           | LED        | Non-directional or directional: | NDLS |
| Light source cap-type (or other electric interface) | Solder pad |                                 |      |
| Mains or non-mains:                                 | NMLS       | Connected light source (CLS):   | No   |
| Colour-tuneable light source:                       | No         | Envelope:                       | -    |
| High luminance light source:                        | No         |                                 |      |
| Anti-glare shield:                                  | No         | Dimmable:                       | Yes  |

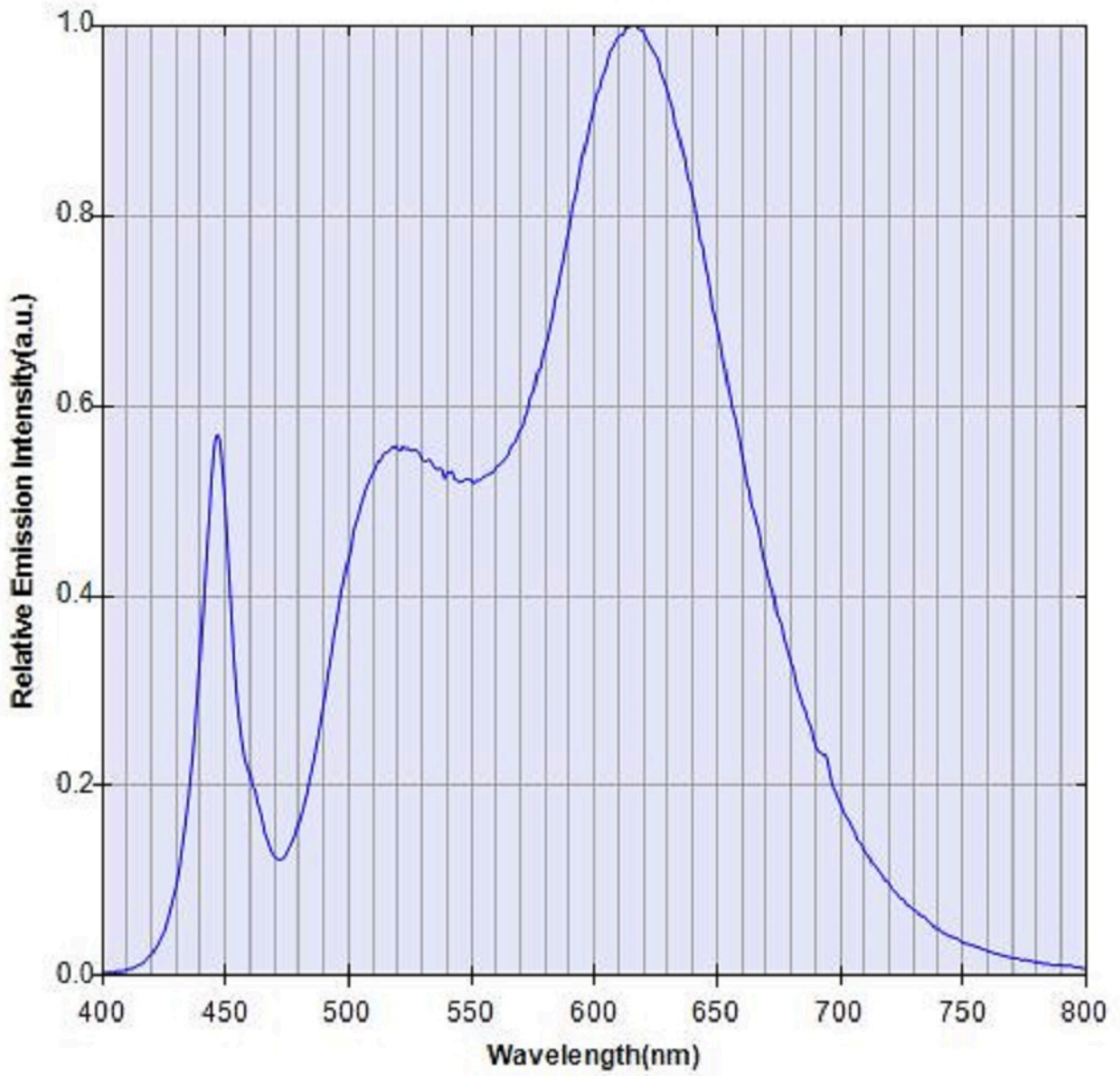
## Product parameters

| Parameter  | Value                     | Parameter  | Value   |
|--|---------------------------|--|---|
| <b>General product parameters:</b>   |                           |  |   |
| Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer  | 24                        | Energy efficiency class  | E   |
| Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°) | 3 180 in Wide cone (120°) | Correlated colour temperature, rounded to the nearest 100 K, or the range of correlated colour temperatures, rounded to the nearest 100 K, that can be set | 2 700   |
| On-mode power ( $P_{on}$ ), expressed in W   | 23,4                      | Standby power ( $P_{sb}$ ), expressed in W and rounded to the second decimal   | 0,00  |
| Networked standby power ( $P_{net}$ ) for CLS, expressed in W and rounded to the second decimal  | -                         | Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set   | 93  |
| Outer dimensions without separate control gear, lighting control   | Height                    | 2  | Spectral power distribution in the range 250 nm to 800 nm, at full-load |
|  | Width                     | 24   |   |
|  | Depth                     | 19   |   |
|  |                           |  | See image in last page  |

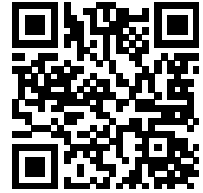
|   |      |                                    |                |
|---|------|------------------------------------|----------------|
| parts and non-lighting control parts, if any (millimetre) |      |                                    |                |
| Claim of equivalent power <sup>(a)</sup>                  | -    | If yes, equivalent power (W)       | -              |
|   |      | Chromaticity coordinates (x and y) | 0,458<br>0,410 |
| <b>Parameters for LED and OLED light sources:</b>         |      |                                    |                |
| R9 colour rendering index value                           | 50   | Survival factor                    | 1,00           |
| the lumen maintenance factor                              | 0,96 |                                    |                |

(a) : not applicable;

(b) : not applicable;



Model placed on the Union market from 22/12/2017



**EPREL registration number:** 1126203

<https://eprel.ec.europa.eu/qr/1126203>

**Supplier:** NICHIA Europe GmbH (Importer)

**Website:** [www.nichia.com](http://www.nichia.com)

**Customer care service:**

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