

# Product Information Sheet

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

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

**Supplier's address:** Nordlux A/S, Østre Havnegade 34, 9000 Aalborg, DK

**Model identifier:** 2112203001

## Type of light source:

|                                                     |            |                                 |     |
|-----------------------------------------------------|------------|---------------------------------|-----|
| Lighting technology used:                           | LED        | Non-directional or directional: | DLS |
| Light source cap-type (or other electric interface) | LED Module |                                 |     |
| 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 |

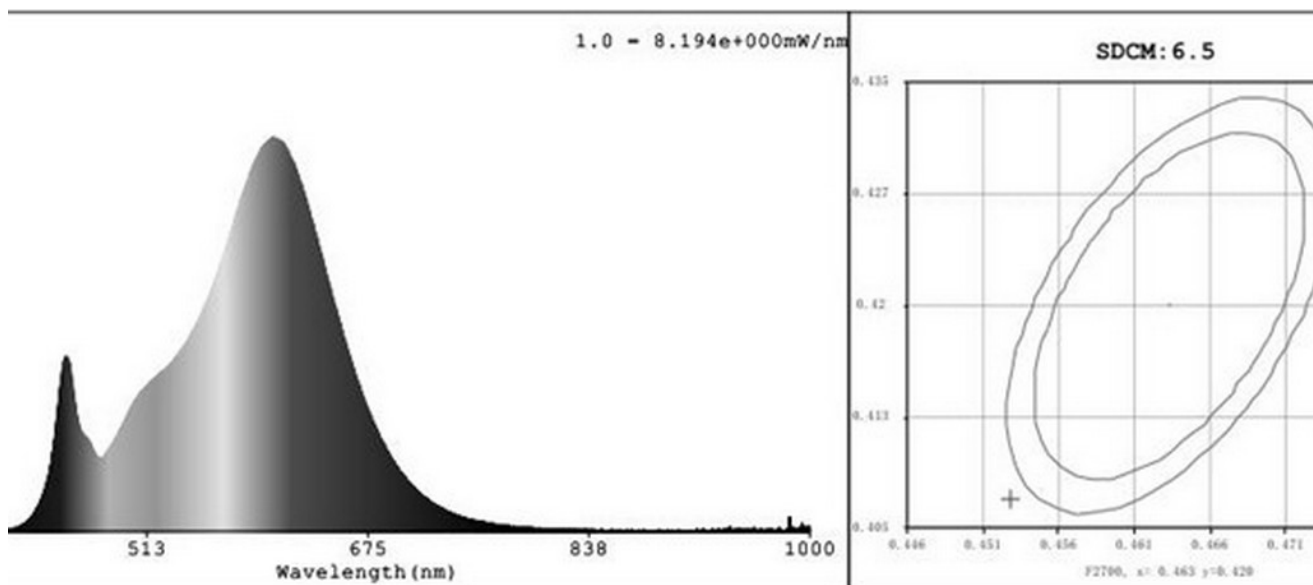
## Product parameters

| Parameter                                                                                                                                      | Value                    | Parameter                                                                                                                                                  | Value                  |
|------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| <b>General product parameters:</b>                                                                                                             |                          |                                                                                                                                                            |                        |
| Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer                                                                  | 4                        | Energy efficiency class                                                                                                                                    | F                      |
| 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°) | 320 in Narrow cone (90°) | 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                                                                                                     | 3,2                      | 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                                                         | 80                     |
| Outer dimensions without                                                                                                                       | Height                   | Spectral power distribution in the                                                                                                                         | See image in last page |
|                                                                                                                                                | Width                    |                                                                                                                                                            |                        |
|                                                                                                                                                | Depth                    |                                                                                                                                                            |                        |

|                                                                                                   |       |  |                                                                    |                |
|---------------------------------------------------------------------------------------------------|-------|--|--------------------------------------------------------------------|----------------|
| separate control gear, lighting control parts and non-lighting control parts, if any (millimetre) |       |  | range 250 nm to 800 nm, at full-load                               |                |
| Claim of equivalent power <sup>(a)</sup>                                                          | -     |  | If yes, equivalent power (W)                                       | -              |
|                                                                                                   |       |  | Chromaticity coordinates (x and y)                                 | 0,463<br>0,420 |
| <b>Parameters for directional light sources:</b>                                                  |       |  |                                                                    |                |
| Peak luminous intensity (cd)                                                                      | 5 563 |  | Beam angle in degrees, or the range of beam angles that can be set | 41             |
| <b>Parameters for LED and OLED light sources:</b>                                                 |       |  |                                                                    |                |
| R9 colour rendering index value                                                                   | 0     |  | Survival factor                                                    | 1,00           |
| the lumen maintenance factor                                                                      | 0,95  |  |                                                                    |                |

(a) : not applicable;

(b) : not applicable;



### Colorimetric Parameters

Color Coordinate:  $x = 0.4525$   $y = 0.4073$  /  $u' = 0.2592$   $v' = 0.5250$  ( $duv = -5.81e-04$ )

80K Prcp WL:  $L_d = 584.0\text{nm}$  Purity=58.1%

$L_p = 605\text{nm}$  FWHM:  $=111.5\text{nm}$  Ratio: R=24.6% G=72.8% B=2.6%

Index:  $R_a = 82.3$

R2 =93 R3 =93 R4 =80 R5 =82 R6 =93 R7 =80

R9 =5 R10=85 R11=80 R12=78 R13=84 R14=97 R15=73

NSI\_2700K

### Colorimetric & Radiometric Parameters

2.02 lm Eff. : 116.80 lm/W  $\Phi_e = 1.1423\text{ W}$

### Electrical parameters

V I = 0.3700 A P = 3.185 W PF = 1.0000 F=0.00 Hz 频率=0.00 Hz