

Product Information Sheet

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

Supplier's name or trade mark: Northern

Supplier's address: Northern.no, Bygdøy allé 68, 0265 Oslo, NO

Model identifier: INK

Type of light source:

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

Product parameters

| Parameter | Value | Parameter | Value |
|--|-------------------------|--|---|
| General product parameters: | | | |
| Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer | 6 | Energy efficiency class | G |
| Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°) | 550 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 | 3 000 |
| On-mode power (P_{on}), expressed in W | 0,1 | Standby power (P_{sb}), expressed in W and rounded to the second decimal | 0,10 |
| 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 | 85 |
| Outer dimensions without separate control gear, lighting control | Height | 8 | Spectral power distribution in the range 250 nm to 800 nm, at full-load |
| | Width | 47 | |
| | Depth | 51 | |
| | | | See image in last page |

| | | | |
|---|------|---------------------------------------|----------------|
| parts and non-lighting control parts, if any (millimetre) | | | |
| Claim of equivalent power ^(a) | - | If yes, equivalent power (W) | - |
| | | Chromaticity coordinates (x and y) | 0,439 0,413 |
| Parameters for LED and OLED light sources: | | | |
| R9 colour rendering index value | 85 | Survival factor | 1,00 |
| the lumen maintenance factor | 0,50 | | |
| Parameters for LED and OLED mains light sources: | | | |
| displacement factor (cos ϕ_1) | 0,00 | Colour consistency in McAdam ellipses | 0 |
| Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage. | -(b) | If yes then replacement claim (W) | - |
| Flicker metric (Pst LM) | 0,0 | Stroboscopic effect metric (SVM) | 0,0 |

(a)-: not applicable;

(b)-: not applicable;



Chroma Parameters

Chro.Coor.: x=0.4392 y=0.4136 u=0.2479 v=0.3503 duv=0.0034

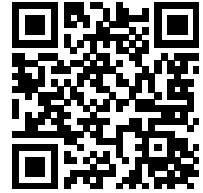
CCT: 3040K Dominant Wave.:581.5nm Purity:56.0%

Flux RGB Ratio:R=22.8%,G=75.8%,B=1.3% Peak Wave:610.8nm Half Width:157.5nm

Rendering Index: Ra= 85.3

| | | | | | | | |
|--------|--------|--------|--------|--------|--------|--------|--------|
| R1 =84 | R2 =89 | R3 =95 | R4 =87 | R5 =85 | R6 =87 | R7 =87 | R8 =69 |
| R9 =29 | R10=76 | R11=87 | R12=70 | R13=84 | R14=97 | R15=78 | |

Model placed on the Union market from 01/01/2018



EPREL registration number: 914852

<https://eprel.ec.europa.eu/qr/914852>

Supplier: Northern.no AS (Manufacturer)

Website: www.northern.no

Customer care service:

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