

# 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

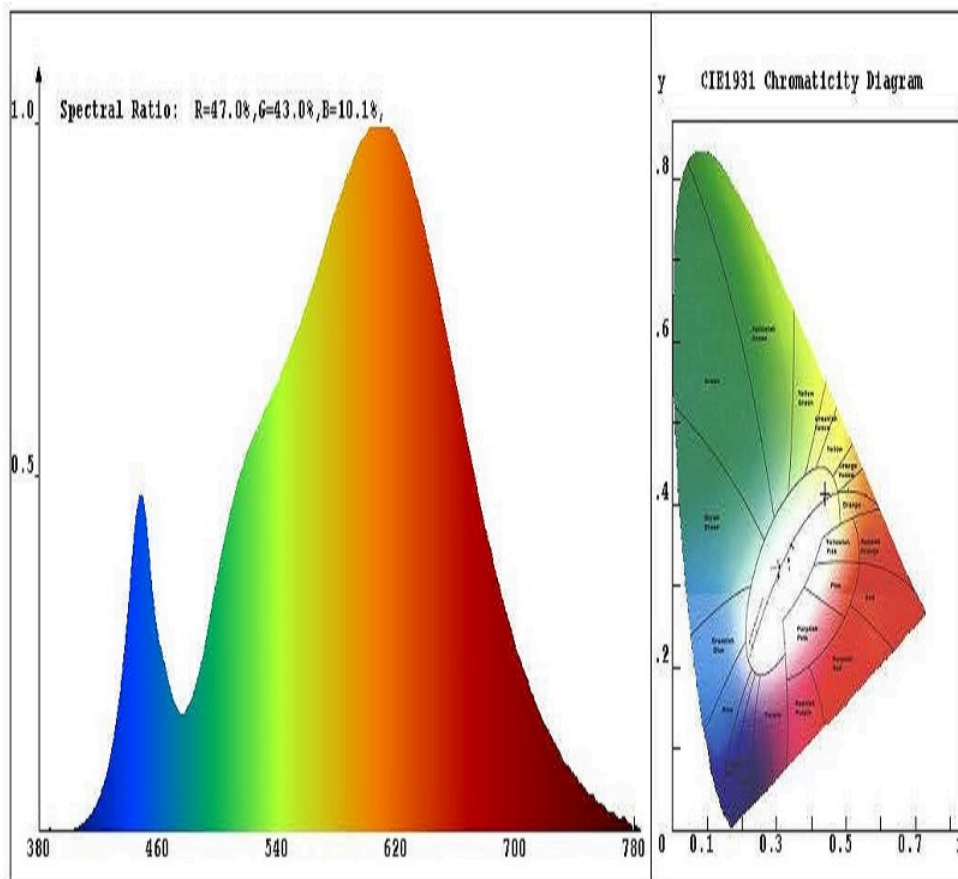
## Product parameters

Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	6	Energy efficiency class	G
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°)	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	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width		
	Depth		

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)	0,439 0,413	
<b>Parameters for LED and OLED light sources:</b>				
R9 colour rendering index value	85	Survival factor	1,00	
the lumen maintenance factor	0,50			
<b>Parameters for LED and OLED mains light sources:</b>				
displacement factor (cos $\phi_1$ )	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.Coar.:  $x=0.4392$   $y=0.4136$   $u=0.2479$   $v=0.3503$   $duv=0.0034$

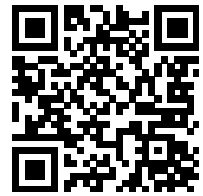
CCT: 3040K Dominant Wave.: 581.5nm Purity: 56.0%

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

Rendering Index:  $R_a=85.3$

$R_1=84$	$R_2=89$	$R_3=95$	$R_4=87$	$R_5=85$	$R_6=87$	$R_7=87$	$R_8=69$
$R_9=29$	$R_{10}=76$	$R_{11}=87$	$R_{12}=70$	$R_{13}=84$	$R_{14}=97$	$R_{15}=78$	

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)

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