

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: 79440029

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
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:	No

Product parameters

Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	2	Energy efficiency class	F
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°)	200 in Sphere (360°)	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	2,0	Standby power (P_{sb}), expressed in W and rounded to the second decimal	-
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 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		

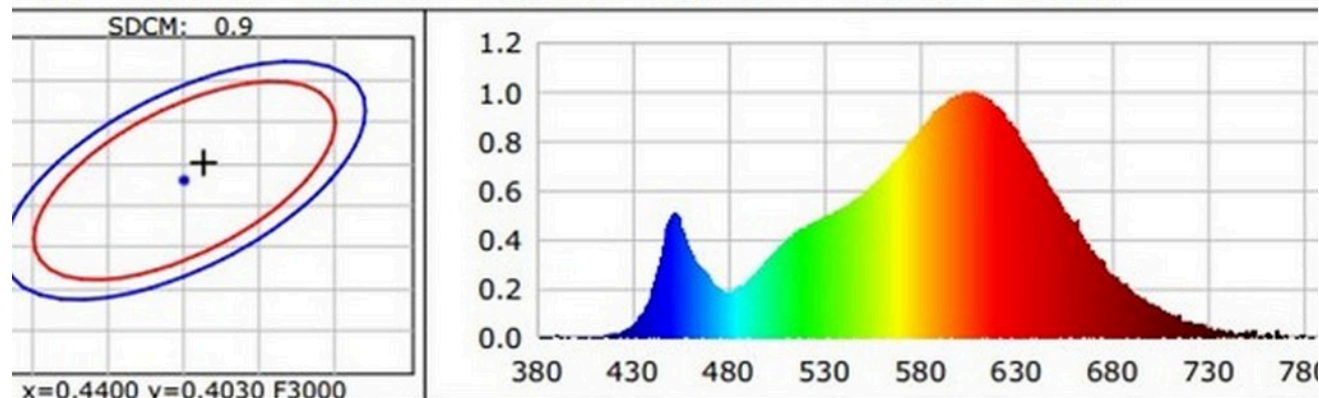
parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-	
		Chromaticity coordinates (x and y)	0,440 0,403	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	3	Survival factor	1,00	
the lumen maintenance factor	0,94			

(a) : not applicable;

(b) : not applicable;

Colorimetric Parameters

Chromaticity coordinates: $x=0.4413$ $y=0.4051$ $u(u')=0.2529$ $v=0.3483$ $v'=0.5225$
 T: $T_c=2937K$ ($duv=-0.00014$) Color Ratio: $R=0.235$ $G=0.739$ $B=0.026$
 Peak Wavelength: 603.1nm Half Bandwidth: 123.5nm
 Dominant Wavelength: 583.1nm Color Purity: 0.541
 I: $R_a=83.2$ TM30: $R_f=85$, $R_g=95$
 I: $GAI_BB_8=93.5$, $GAI_BB_15=101.1$, $GAI_EES=52.0$
 =82 R2=92 R3=96 R4=82 R5=83 R6=91 R7=81 R8=59
 =9 R10=82 R11=81 R12=73 R13=84 R14=99 R15=74
 Color Quality Scale: $Q_a=83.1$, $Q_f=84.9$, $Q_p=84.2$, $Q_g=91.1$
 =78 Q2=95 Q3=84 Q4=81 Q5=84 Q6=85 Q7=84 Q8=87
 =95 Q10=91 Q11=87 Q12=85 Q13=83 Q14=73 Q15=74



Photometric Parameters

Luminous Flux: 112.22 lm Efficiency: 114.51 lm/W Radiant Power: 0.338 W
 CRI: 0.07 Energy Efficiency Class: A++ (EU 874-2012)
 R: 0.330 W PPF: 1.596 $\mu\text{mol/s}$ R/B: 3.1
 L: 0.175 $\mu\text{mol/s}$ (400~500nm) PF2: 0.692 $\mu\text{mol/s}$ (500~600nm)
 B: 0.729 $\mu\text{mol/s}$ (600~700nm) PFfr: 0.046 $\mu\text{mol/s}$ (700~800nm) PPE: 1.629 $\mu\text{mol/s/w}$ PF: 1.642 $\mu\text{mol/s}$

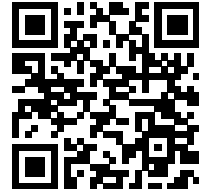
Electric Parameters

Voltage: 12.000V Current: 0.0818A Power: 0.98W
 Power Factor: 1.0000 Frequency: 0.00Hz

Test Information

Wavelength Range: 380~800:1nm Photometric Method: sphere-photometer
 Stabilization Time: 0 Min ALC.: 1.0000 Photometric Condition: Sphere diameter: 1.50m, 4 π
 Intensity of Signal: 44900 (4663) CCD Integration Time: 9350.33 ms

Model placed on the Union market from 03/06/2016



EPREL registration number: 818848

<https://eprel.ec.europa.eu/qr/818848>

Supplier: Nordlux A/S (Manufacturer)

Website: www.nordlux.dk

Customer care service:

Name: Nordlux A/S

Website: <https://www.nordlux.dk>

Email: nordlux@nordlux.dk

Phone: +45 98181611

Address:

Østre Havnegade 34

9000 Aalborg

Denmark