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:	MLS	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	1	Energy efficiency class	F
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	100 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	1,0	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	60	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	60		
Outer dimensions without — Depth	6		

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[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		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,00	Colour consistency in McAdam ellipses	6
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)		1,0	Stroboscopic effect metric (SVM)	0,4

[a] '-' : not applicable;

[b] '-' : not applicable;

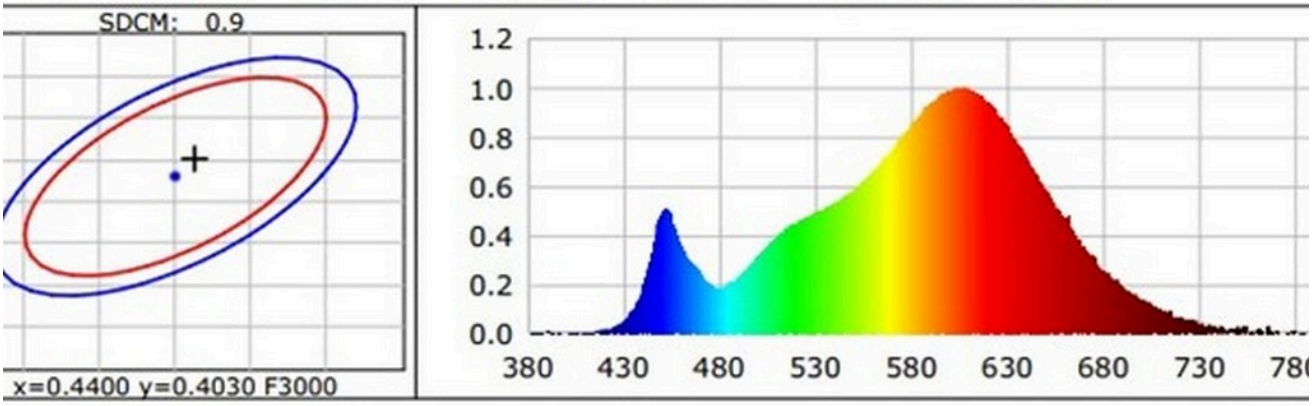
Colorimetric Parameters

romaticity coordinates: x=0.4413 y=0.4051 u(u')=0.2529 v=0.3483 v'=0.5225
T: Tc=2937K (duv=-0.00014) Color Ratio: R=0.235 G=0.739 B=0.026
ak Wavelength: 603.1nm Half Bandwidth: 123.5nm
minant Wavelength: 583.1nm Color Purity: 0.541
I: Ra= 83.2 TM30: Rf= 85, Rg= 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	

lor Quality Scale: Qa= 83.1, Qf= 84.9, Qp= 84.2, Qg= 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	



ometric Parameters

minous Flux: 112.22 lm Efficiency: 114.51 lm/W Radiant Power: 0.338 W
I: 0.07 Energy Efficiency Class: A++ (EU 874-2012)
R: 0.330 W PPF: 1.596 umol/s R/B: 3.1
1:0.175 umol/s(400~500nm) PF2:0.692 umol/s(500~600nm)
3:0.729 umol/s(600~700nm) PFfr:0.046 umol/s(700~800nm) PPE:1.629 umol/s/w PF:1.642 umol/s

ric Parameters

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

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