Product Information Sheet

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

Supplier's name or trade mark: Plejd

Supplier's address: Plejd AB, Krokslätts Fabriker 27A, 43137 Mölndal, SE

Model identifier: DWN-01

Type of light source:

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

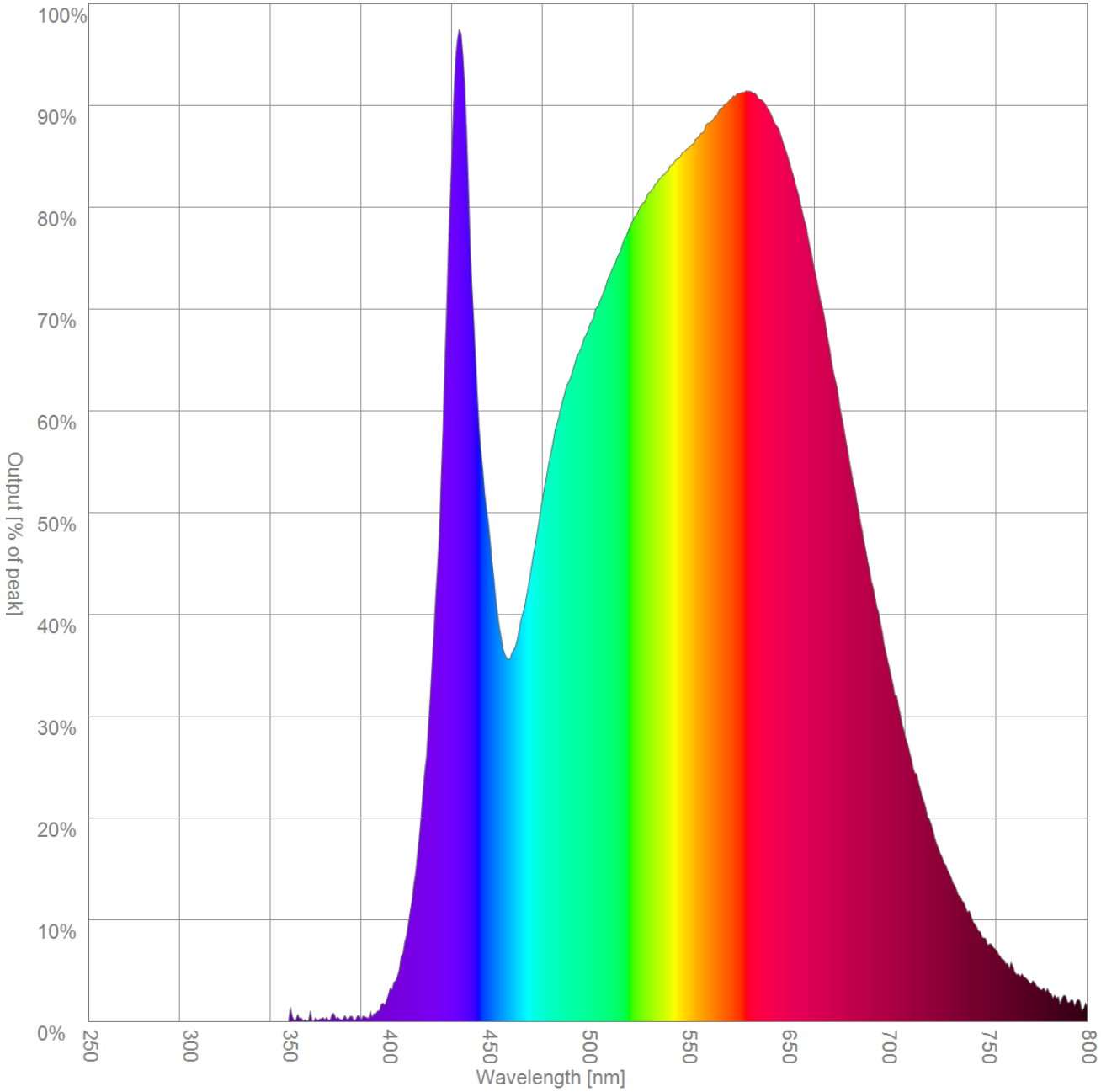
Product parameters

Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	7	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)	515 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	2200...4000
On-mode power (P_{on}), expressed in W	6,8	Standby power (P_{sb}), expressed in W and rounded to the second decimal	0,09
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	90
Outer dimensions without separate control gear, lighting control — Height	94	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
Width	94		
Depth	44		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[(a)]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,384 0,385
Parameters for directional light sources:				
Peak luminous intensity (cd)		900	Beam angle in degrees, or the range of beam angles that can be set	40
Parameters for LED and OLED light sources:				
R9 colour rendering index value		62	Survival factor	1,00
the lumen maintenance factor		0,96		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,93	Colour consistency in McAdam ellipses	3
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)		0,1	Stroboscopic effect metric (SVM)	0,1

[(a)] '-' : not applicable;

[(b)] '-' : not applicable;


100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%
Output [% of peak]
250
300
350
400
450
500
550
650
700
750
800
Wavelength [nm]

Model placed on the Union market from 08/05/2023

EPREL registration number: 1041037

https://eprel.ec.europa.eu/qr/1041037

Supplier: Plejd AB (Manufacturer)

Website: www.Plejd.com

Customer care service:

Name: Plejd AB

Website:

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