

Product Information Sheet

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

Supplier's name or trade mark: Westal

Supplier's address: Produkt, Fabriksvägen 5, 564 35 Bankeryd, SE

Model identifier: WLD R74 2700K

Type of light source:

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

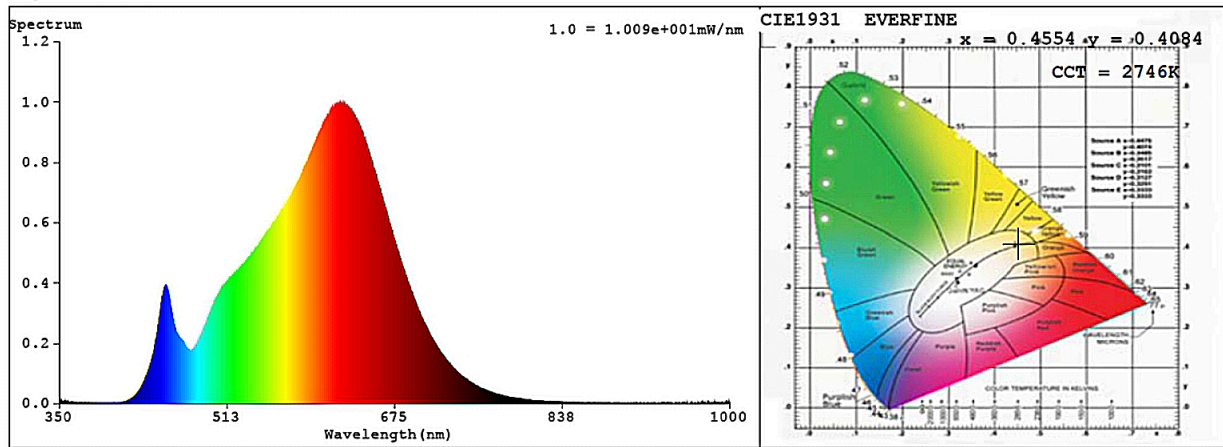
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	5	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	450 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	2 700
On-mode power (P_{on}), expressed in W	5,0	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	90
Outer dimensions without separate control gear, lighting control	Height	12	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	12	
	Depth	2	
			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)	0,463 0,420
Parameters for directional light sources:			
Peak luminous intensity (cd)	182	Beam angle in degrees, or the range of beam angles that can be set	106
Parameters for LED and OLED light sources:			
R9 colour rendering index value	59	Survival factor	1,00
the lumen maintenance factor	0,96		

(a) : not applicable;

(b) : not applicable;

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4554$ $y = 0.4084$ / $u' = 0.2606$ $v' = 0.5258$ ($duv = -4.40e-04$)

CCT= 2746K Prcp WL: $L_d = 584.1\text{nm}$ Purity=59.3%

Peak WL: $L_p = 622\text{nm}$ FWHM: $= 140.8\text{nm}$ Ratio: R=26.3% G=71.1% B=2.6%

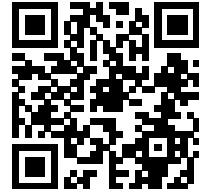
Render Index: $R_a = 93.7$ TM30: $R_f = 92$ $R_g = 100$

R1 =94 R2 =98 R3 =99 R4 =94 R5 =94 R6 =97 R7 =92

R8 =82 R9 =60 R10=94 R11=96 R12=87 R13=95 R14=99 R15=90

CQS Parameters: $Q_a = 93.7$

Model placed on the Union market from 01/09/2021



EPREL registration number: 1612180

<https://eprel.ec.europa.eu/qr/1612180>

Supplier: Westal AB (Manufacturer)

Website:

Customer care service:

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