

Product Information Sheet

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

Supplier's name or trade mark: LUXUS

Supplier's address: NIALL TREANOR, Plantation Rd,, H18CK84 monaghan Monaghan Co. Monaghan, IE

Model identifier: HD-HB152-200WD-C-G3050-Ly

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	INTEGRATED 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
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General product parameters:

Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	199	Energy efficiency class	D
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°)	29 000 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	3000...5000
On-mode power (P_{on}), expressed in W	200,0	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	72
Outer dimensions without separate control gear, light-	Height	280	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	280	
	Depth	160	
			See image in last page

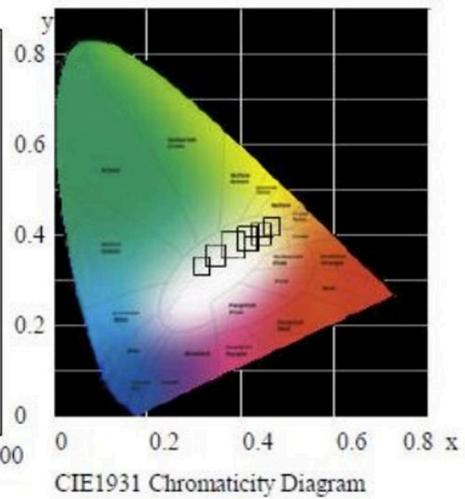
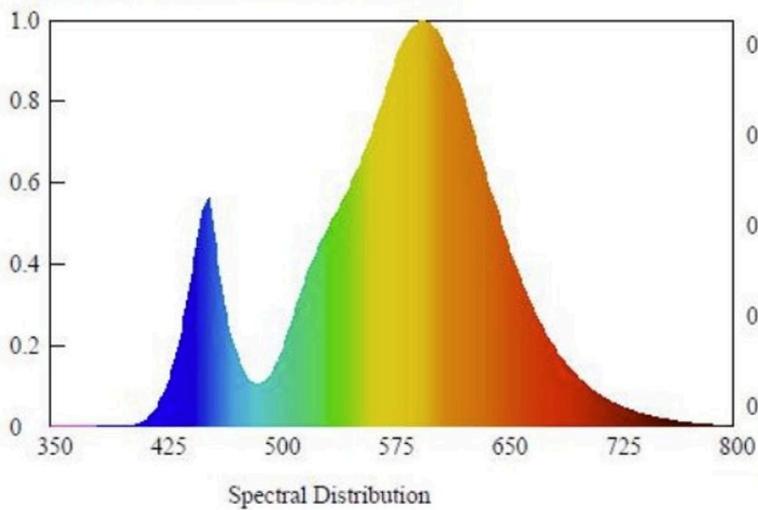
ing control parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,434 0,396
Parameters for LED and OLED light sources:			
R9 colour rendering index value	-28	Survival factor	1,00
the lumen maintenance factor	0,96		
Parameters for LED and OLED mains light sources:			
displacement factor (cos ϕ_1)	0,00	Colour consistency in McAdam ellipses	4
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;

Photometric test record of one lamp at initial measurement

Spectroradiometric Parameters



Chromaticity Coordinates: $x=0.4341$ $y=0.3944$ $u'=0.2529$ $v'=0.5171$

Correlated Color Temperature: 2969 K

Dominant Wavelength: 583.0 nm(E)

Colour Fidelity Index: $R_f=71$

Gamut Index: $R_g=94$

Luminous Flux: 33374.07 lm

Purity: 0.4881

Chromaticity Difference: -0.00351 Duv

Peak Wavelength: 595.0 nm

Color Ratio: $K_r=45.6\%$ $K_g=49.2\%$ $K_b=5.2\%$

Color Tolerance(SDCM): 3.7585

Bandwidth: 112.7nm

Radiant Flux: 56.627 W

Photosynthetically Active Radiation(PAR): 55.36W

Photosynthetic Photon Flux(PPF): 267.33 μ mol/s

Rendering Index: $R_a=72.6$

$R_1=70$ $R_2=84$ $R_3=94$ $R_4=67$ $R_5=68$ $R_6=77$ $R_7=77$ $R_8=44$

$R_9=-28$ $R_{10}=62$ $R_{11}=61$ $R_{12}=53$ $R_{13}=73$ $R_{14}=97$ $R_{15}=63$ $R_e=64$

Model placed on the Union market from 01/09/2023.



EPREL registration number: 1785326

<https://eprel.ec.europa.eu/qr/1785326>

Supplier: Monaghan Electrical Wholesale Ltd (Importer)

Website: <https://www.electricalwholesaler.ie>

Customer care service:

Name: NIAL TREATOR

Website: <https://www.electricalwholesaler.ie/>

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