

Product family datasheet

OSRAM DULUX L LED HF

Special LED lamps



- Offices, public buildings Shops Hotels, restaurants
Industry Outdoor applications only in suitable luminaires

- Quick, simple and safe replacement Simple replacement thanks to similar design as conventional compact fluorescent lamps
Low energy consumption Operation directly on 230 V AC mains possible



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Technical data

	Electrical data						
Product description	Rated wattage	Nominal wattage	Nominal voltage	Operating frequency	Max. lamp no. on circuit break. 10 A (B)	Claimed equiv. conventional lamp power	Nominal current
DULUX L LED HF 1800 W/840 2G11 ¹⁾	18.00 W	18.00 W	220...240 V	50/60 Hz	100	36 W	0.1 A
DULUX L LED HF 8 W/830 2G11 ¹⁾				50/60 Hz		18 W	38 mA
DULUX L LED HF 8 W/840 2G11 ¹⁾				50/60 Hz		18 W	38 mA
DULUX L LED HF 1800 W/830 2G11 ¹⁾	18.00 W	18.00 W	220...240 V	50/60 Hz	100	36 W	0.1 A
		Photometrical data					
Product description	Max. lamp no. on circuit break. 16 A (B)	Nominal luminous flux	Rated luminous flux	Rated color temperature	Color rendering index Ra	Light color (designation)	Color temperature
DULUX L LED HF 1800 W/840 2G11 ¹⁾	160	2300 lm	2300 lm	4000 K	>80	Cool White	4000 K
DULUX L LED HF 8 W/830 2G11 ¹⁾						Warm White	
DULUX L LED HF 8 W/840 2G11 ¹⁾						Cool White	
DULUX L LED HF 1800 W/830 2G11 ¹⁾	160	2070 lm	2070 lm	3000 K	>80	Warm White	3000 K
			Light technical data		Dimensions & weight		
Product description	Standard deviation of color matching	Lumen main.fact.at end of nom.life time	Starting time	Beam angle	Overall length	Diameter	Outer bulb
DULUX L LED HF 1800 W/840 2G11 ¹⁾	≤6 sdc	0.70	< 0.5 s	140 °	413.0 mm	44.0 mm	-
DULUX L LED HF 8 W/830 2G11 ¹⁾				140 °	230.00 mm		
DULUX L LED HF 8 W/840 2G11 ¹⁾				140 °	230.00 mm		
DULUX L LED HF 1800 W/830 2G11 ¹⁾	≤6 sdc	0.70	< 0.5 s	140 °	413.0 mm	44.0 mm	-

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			Temperatures & operating conditions	Lifespan			
Product description	Length	Product weight	Ambient temperature range	Nominal lamp life time	Rated lamp life time	Number of switching cycles	Lumen maintenance at end of service life
DULUX L LED HF 1800 W/840 2G11 ¹⁾	413.0 mm	135.00 g	-20...+45 °C	30000 h	30000 h	200000	0.70
DULUX L LED HF 8 W/830 2G11 ¹⁾		82.00 g	-20...+50 °C				0.7
DULUX L LED HF 8 W/840 2G11 ¹⁾		82.00 g	-20...+50 °C				0.7
DULUX L LED HF 1800 W/830 2G11 ¹⁾	413.0 mm	135.00 g	-20...+45 °C	30000 h	30000 h	200000	0.70

		Additional product data		Capabilities	Certificates & standards			Country specific categorizations
Product description		Base (standard designation)	Mercury-free	Dimmable	Energy efficiency class	Type of protection	Energy consumption	Order reference
DULUX L LED HF 1800 W/840 2G11 ¹⁾	2G11		Yes	No	E	IP20	10 kWh/1000h	DULUX L36LED 18
DULUX L LED HF 8 W/830 2G11 ¹⁾			Yes		E		8.00 kWh/1000h	
DULUX L LED HF 8 W/840 2G11 ¹⁾			Yes		E		8.00 kWh/1000h	
DULUX L LED HF 1800 W/830 2G11 ¹⁾	2G11		Yes	No	E	IP20	10 kWh/1000h	DULUX L36LED 18

		Environmental information	
		Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Product description	Date of Declaration	Primary Article Identifier	Declaration No. in SCIP database
DULUX L LED HF 1800 W/840 2G11 ¹⁾	18-04-2022	4058075135420 4058075557833	In work
DULUX L LED HF 8 W/830 2G11 ¹⁾	18-04-2022	4058075557390	In work
DULUX L LED HF 8 W/840 2G11 ¹⁾	18-04-2022	4058075557499	In work
DULUX L LED HF 1800 W/830 2G11 ¹⁾	18-04-2022	4058075135406 4058075557772	In work

¹⁾ All technical parameters apply to the entire lamp/Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value

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DULUX L LED HF 1800 W/840 2G11,
DULUX L LED HF 1800 W/830 2G11

DULUX L LED HF 8 W/830 2G11,
DULUX L LED HF 8 W/840 2G11

Application advice

For more detailed application information and graphics please see product datasheet.

Ecodesign regulation information:

Separate control gear and light sources must be disposed of at certified disposal companies in accordance with Directive 2012/19/EU (WEEE) in the EU and with Waste Electrical and Electronic Equipment (WEEE) Regulations 2013 in the UK. For this purpose, collection points for recycling centres and take-back systems (CRSO) are available from retailers or private disposal companies, which accept separate control gear and light sources free of charge. In this way, raw materials are conserved and materials are recycled.

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4058075557833	DULUX L LED HF 1800 W/840 2G11	Shipping carton box 10	470 mm x 243 mm x 74 mm	8.45 dm ³	2288.00 g
4058075557390	DULUX L LED HF 8 W/830 2G11	Shipping carton box 10	286 mm x 243 mm x 74 mm	5.14 dm ³	1448.00 g
4058075557499	DULUX L LED HF 8 W/840 2G11	Shipping carton box 10	286 mm x 243 mm x 74 mm	5.14 dm ³	1448.00 g
4058075557772	DULUX L LED HF 1800 W/830 2G11	Shipping carton box 10	470 mm x 243 mm x 74 mm	8.45 dm ³	2288.00 g

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.

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