

Product family datasheet

OSRAM DULUX D LED EM

Special LED lamps



- General illumination within ambient temperatures from -20...+35 °C
- Supermarkets and department stores
- Walkways and corridors
- Hotels, restaurants
- Outdoor applications only in suitable luminaires

- LED replacement for conventional compact fluorescent lamps for use in CCG luminaires or on AC mains
- Quick, simple and safe replacement without rewiring
- Rotatable base around its longitudinal axis ($\pm 90^\circ$)
- Low energy consumption
- Easy relamping thanks to compact design

Product features

- Type of protection: IP20
- Lifetime: up to 30,000 h
- Single-ended two-pin plug-in G24d base



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Product benefits

- LED replacement for conventional compact fluorescent lamps for use in CCG luminaires or on AC mains
- Quick, simple and safe replacement without rewiring
- Rotatable base around its longitudinal axis ($\pm 90^\circ$)
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Areas of application

- General illumination within ambient temperatures from -20...+35 °C
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Technical data

Product description	Electrical data		Photometrical data			Light technical data	Dimensions & weight
	Nominal wattage	Nominal voltage	Nominal luminous flux	Rated color temperature	Light color (designation)	Starting time	Overall length
DULUX D LED EM 7 W/830 100 mm ¹⁾	7.00 W	220...240 V	640 lm	3000 K	Warm White	< 0.5 s	147.5 mm
DULUX D LED EM 7 W/840 100 mm ¹⁾	7.00 W	220...240 V	700 lm	4000 K	Cool White	< 0.5 s	147.5 mm
DULUX D LED EM 10 W/830 200 mm ¹⁾	10.00 W	220...240 V	920 lm	3000 K	Warm White	< 0.5 s	170.5 mm
DULUX D LED EM 10 W/840 200 mm ¹⁾	10.00 W	220...240 V	1000 lm	4000 K	Cool White	< 0.5 s	170.5 mm
DULUX D LED EM & AC Mains 5 W/830 G24d-1 ¹⁾	5.00 W	220...240 V	550 lm	3000 K	Warm White	< 0.5 s	148.0 mm
DULUX D LED EM & AC Mains 5 W/840 G24d-1 ¹⁾	5.00 W	220...240 V	600 lm	4000 K	Cool White	< 0.5 s	148.0 mm

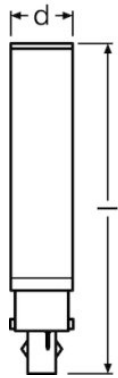
Product description	Lifespan				Additional product data	Capabilities	Certificates & standards
	Nominal lamp life time	Rated lamp life time	Number of switching cycles	Lumen maintenance at end of service life	Base (standard designation)	Dimmable	Energy efficiency class
DULUX D LED EM 7 W/830 100 mm ¹⁾	30000 h	30000 h	200000	0.70	G24d-2	No	A+
DULUX D LED EM 7 W/840 100 mm ¹⁾	30000 h	30000 h	200000	0.70	G24d-2	No	A+
DULUX D LED EM 10 W/830 200 mm ¹⁾	30000 h	30000 h	200000	0.70	G24d-3	No	A+
DULUX D LED EM 10 W/840 200 mm ¹⁾	30000 h	30000 h	200000	0.70	G24d-3	No	A+
DULUX D LED EM & AC Mains 5 W/830 G24d-1 ¹⁾	30000 h	30000 h	200000	0.70	G24d-1	No	A++
DULUX D LED EM & AC Mains 5 W/840 G24d-1 ¹⁾	30000 h	30000 h	200000	0.70	G24d-1	No	A++

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		Country specific categorizations
Product description	Energy consumption	Order reference
DULUX D LED EM 7 W/830 100 mm ¹⁾	8 kWh/1000h	DULUX D18LED 7W
DULUX D LED EM 7 W/840 100 mm ¹⁾	8 kWh/1000h	DULUX D18LED 7W
DULUX D LED EM 10 W/830 200 mm ¹⁾	11 kWh/1000h	DULUX D26LED10W
DULUX D LED EM 10 W/840 200 mm ¹⁾	11 kWh/1000h	DULUX D26LED10W
DULUX D LED EM & AC Mains 5 W/830 G24d-1 ¹⁾	5 kWh/1000h	DULUX D13LED 5W
DULUX D LED EM & AC Mains 5 W/840 G24d-1 ¹⁾	5 kWh/1000h	DULUX D13LED 5W

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 D LED EM 7 W/830 100 mm,
DULUX D LED EM 7 W/840 100 mm,
DULUX D LED EM 10 W/830 200 mm,
DULUX D LED EM 10 W/840 200 mm,
DULUX D LED EM & AC Mains 5
W/830 G24d-1, DULUX D LED EM &
AC Mains 5 W/840 G24d-1

Application advice

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

Logistical Data

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Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4058075024915	DULUX D LED EM 7 W/830 100 mm	Shipping carton box 10	205 mm x 91 mm x 180 mm	3.36 dm ³	802.00 g
4058075024939	DULUX D LED EM 7 W/840 100 mm	Shipping carton box 10	205 mm x 91 mm x 180 mm	3.36 dm ³	802.00 g
4058075024977	DULUX D LED EM 10 W/830 200 mm	Shipping carton box 10	205 mm x 91 mm x 200 mm	3.73 dm ³	942.00 g
4058075024991	DULUX D LED EM 10 W/840 200 mm	Shipping carton box 10	205 mm x 91 mm x 200 mm	3.73 dm ³	942.00 g
4058075135086	DULUX D LED EM & AC Mains 5 W/830 G24d-1	Shipping carton box 10	205 mm x 91 mm x 180 mm	3.36 dm ³	862.00 g
4058075135109	DULUX D LED EM & AC Mains 5 W/840 G24d-1	Shipping carton box 10	205 mm x 91 mm x 180 mm	3.36 dm ³	862.00 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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