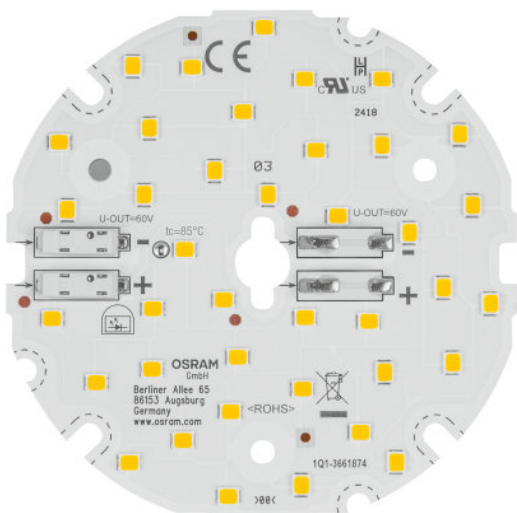


## BA-DISC-G1 1600-830

Basic Disc | Spot-, Down- and Wallmount Light Engines and Modules



### Areas of application

- Hospitality, hotels, restaurants
- Public and commercial buildings
- Offices
- Secondary rooms, garages, storerooms, cellars

### Product family benefits

- For downlights featuring professional performance at an affordable price point
- Easy and quick design-in
- 3 years system guarantee

### Product family features

- Consistent white light: < 3 SDCM
- Available with color temperature: 3,000 K, 4,000 K
- LED module is basic isolated to mounting surface
- Photobiological safety according to IEC/TR 62778, risk group RG1
- Max. working voltage: 60 V (to be operated only on SELV LED control gear)



## Product datasheet

### Technical data

#### Electrical data

Nominal wattage	11.50 W
Rated wattage	11.50 W
Nominal current	0.317 A
Nominal voltage	36.2 V
Type of current	DC
Maximum forward current	360 mA
Maximum voltage	36,62 V

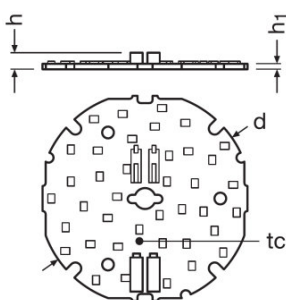
#### Photometrical data

Total useful luminous flux	1600 lm
Luminous efficacy	139 lm/W
Standard deviation of color matching	≤3 sdc <sub>m</sub>
Color temperature	3000 K
Color rendering index Ra	80
Light color (designation)	Warm White

#### Light technical data

Starting time	0.0 s
Warm-up time (60 %)	0.00 s

#### Dimensions & weight



Rated width	80.0 mm
Construction length	80.0 mm
Rated height	5.20 mm
Product weight	19.00 g
Diameter	80.0 mm

### Temperatures & operating conditions

Performance temp. acc. to IEC 62717	65 °C
Maximum temperature at tc test point	85 °C
Ambient temperature range	-20...+50 °C
Temperature range at storage	-30...85 °C

### Lifespan

Lumen main.fact.at end of nom.life time	0.80
Lifespan	50000 h
Nominal lamp life time	50000 h
Rated lamp life time	50000 h
Number of switching cycles	100000

### Additional product data

Maximum thermal load	not applicable W
Product remark	Modules perfectly matched to OSRAM OPTOTRONIC LED drivers (see relevant table)/For current photometric data and important safety, installation and application information (see <a href="http://www.osram.com/led-systems">www.osram.com/led-systems</a> )/All the technical parameters apply to the entire module. In view of the complex manufacturing process for light emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values/Tolerance for optical and electrical data: +/-10%

### Capabilities

Dimmable	Yes
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### Certificates & standards

Energy consumption	12 kWh/1000h
Energy efficiency class	A++
Standards	CE/ENEC

### Logistical data






Commodity code	854140100000
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### Download Data

File
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## Product datasheet

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	Brochures Light is versatile - LED modules for downlights (DE)
	Certificates PL BA ENEC 40031612 161219
	Declarations of conformity CED PL-DISC-G1 9C1-3699778--EN-00 2018-08
	CAD data 3-dim BA DISC G1 1600 80 CAD3PDF 021219
	CAD data PDF BA DISC G1 1600 80 CADPDF 021219

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### Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899600782	BA-DISC-G1 1600-830	Shipping carton box 80	261 mm x 196 mm x 112 mm	5.73 dm <sup>3</sup>	1719.00 g

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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.