



Light is versatile

LED modules for downlights

The new PrevaLED® and Basic Disc LED modules help to implement highly flexible lighting systems in office and retail applications. Thanks to their smart design, both product families enable new designs and also represent an easy upgrade for existing luminaire ranges. Benefit from a variety of lumen packages and find the perfect system for your projects.

Light is OSRAM

OSRAM

Versatile LED modules for flexible downlighting

Downlights offer highly functional lighting systems for general lighting in offices and retail. The product families PrevaLED® Disc and Basic Disc are efficient system solutions for standard cut-outs. While PrevaLED® LED modules offer high visual comfort and high performance, Basic versions focus on the combination of cost optimization and good performance values. Moreover, the various mechanical and electrical interfaces provide a high degree of design-in flexibility.

PrevaLED® Disc

lm/W

Performance



7 Year
OSRAM
System
Guarantee*

High performance

PrevaLED® Disc: High efficiency

PrevaLED® Disc LED modules combine superior efficiency with highly controlled peak brightness for high-quality downlight designs. The ideal solution for applications demanding low glare and highly comfortable lighting. Create perfect lighting systems with matching dimmable and non-dimmable OPTOTRONIC® LED drivers. OTi DALI (10, 15, 25 and 35 W) LED drivers are perfect for DALI dimmable downlights. OT FIT LP (15, 25 and 40 W) are the best choice for non-dimmable lighting systems thanks to their emergency capability (EL) and through-wiring. The OT FIT CS constant-current LED drivers (20 and 30 W) offer simple current setting via DIP switches and optional cable clamps.

High performance and high quality





Multi-purpose interfaces for high design-in flexibility

Options for electrical connection

- 1. Side connector (standard)
- 2. Center cable insert with solder pad, optional connector on request

Options for mechanical connection

- 3. Shared hole pattern with PrevaLED® Cube
- 4. Simple drop-in replacement: Screw pattern in line with the market
- 5. Edge screw pattern
- 6. Center screw

Basic Disc

lm/€

Cost efficiency



5 Year
OSRAM
System
Guarantee*

Good performance

**Basic Disc:
Cost-efficient**

Basic Disc LED modules are the ideal solution for downlights featuring professional performance at an affordable price point. They provide smart brightness balancing and ensure a good level of visual comfort. In combination with cost-efficient OPTOTRONIC® and ELEMENT LED drivers (8, 15, 20 and 30 W), the Basic Disc LED modules form a powerful package that also delivers in terms of performance and lighting technology.

Economical solutions with good light quality

* For more information on the multi-level guarantee and the terms and conditions of the guarantee, visit www.osram.com/system-guarantee

LED modules

Product reference Product portfolio excerpt	GTIN (EAN)	Rated current [mA]	Max. current** [mA]	Lum. flux [lm]	Typ. efficacy [lm/W]	Lum. flux [lm] with LOR e.g. 0.88	Rated voltage [V]	Typ. electrical power [W]	Diameter [mm]
PrevaLED® Disc									
PL-DISC-G1 1100-830	4052899600683	195	360	1100	162	970	35	7	80
PL-DISC-G1 1600-830	4052899600690	265	480	1600	161	1400	38	10	120
PL-DISC-G1 2500-830	4052899600706	490	720	2500	156	2200	33	16	165
PL-DISC-G1 2500-830*	4052899600706	695	720	3400	146	3000	34	23	165
PL-DISC-G1 1100-840	4052899600713	185	360	1100	171	970	35	6	80
PL-DISC-G1 1600-840	4052899600720	250	480	1600	171	1400	38	9	120
PL-DISC-G1 2500-840	4052899600737	465	720	2500	165	2200	33	15	165
PL-DISC-G1 2500-840*	4052899600737	655	720	3400	155	3000	34	22	165
PL-DISC-G1 1100-927	4052899600744	245	360	1100	122	970	37	9	80
PL-DISC-G1 1600-927	4052899600751	330	480	1600	122	1400	40	13	120
PL-DISC-G1 2500-927	4052899600768	620	720	2500	117	2200	35	21	165
Basic Disc									
BA-DISC-G1 1100-830	4052899600775	210	360	1100	151	970	35	7	50
BA-DISC-G1 1600-830	4052899600782	320	360	1600	140	1400	36	11	80
BA-DISC-G1 2500-830	4052899600799	465	480	2500	137	2200	39	18	120
BA-DISC-G1 1100-840	4052899600805	200	360	1100	160	970	35	7	50
BA-DISC-G1 1600-840	4052899600812	300	360	1600	149	1400	36	11	80
BA-DISC-G1 2500-840	4052899600829	440	480	2500	146	2200	39	17	120

* Overdriving to higher luminous flux category

** Feasibility depends on proper thermal management

Notes:

- 1) All values refer to T_p : 65°C
- 2) Tolerance for optical and electrical data: $\pm 10\%$

Suitable LED drivers

DALI – SELV	OT FIT LT2 LP & S – SELV	OT FIT CS G2 – SELV (DIP switch)	ELEMENT – SELV
OTi DALI 10/220...240/700 NFC DIM 4052899562639	OT FIT 15/220...240/500 LT2 LP 4052899490673	OT FIT 20/220...240/500 CS G2 4052899435612	ELEMENT LD 8/220...240/180 4052899947078
OTi DALI 15/220...240/1A4 LT2 NFC 4052899548190	OT FIT 25/220...240/700 LT2 LP 4052899490697	OT FIT 30/220...240/700 CS G2 4052899435636	ELEMENT LD 15/220...240/350 4052899947085
OTi DALI 25/220...240/700 LT2 NFC 4052899548213	OT FIT 40/220...240/1A0 LT2 LP 4052899490734		ELEMENT LD 20/220...240/500 4052899947092
OTi DALI 35/220...240/1A0 LT2 NFC 4052899548237	OT FIT 15/220...240/500 LT2 S 4052899956995		ELEMENT LD 30/220...240/700 4052899947108
	OT FIT 25/220...240/700 LT2 S 4052899957008		
	OT FIT 40/220-240/1A0 LT2 S 4052899957015		

OSRAM GmbH

Headquarters Germany:

Marcel-Breuer-Strasse 6
80807 Munich, Germany
Phone +49 89 6213-0
Fax +49 89 6213-2020
www.osram.com

