

TDL G2 100mm 1000lm 8xx SNC EM MOD +
TDL G2 100mm 1000lm 8x0 SNC EM ECG +
Reflector 90° +
Trim Ring

TDL G2 100mm 1000lm 8xx SNC

TDL G2 150mm 1000/2000lm 8xx SNC

TDL G2 200mm 2000/3000lm 8xx SNC

TDL DOWNLIGHTS

Technical data

Beam characteristic	60° / 90° / 100°
Ambient temperature ta	-20 ... +40 °C
tc temperature (100 mm, 1000lm) ¹	60 °C
tc temperature (150 mm, 1000lm) ¹	55 °C
tc temperature (150 mm, 2000lm) ¹	65 °C
tc temperature (200 mm, 2000lm) ¹	60 °C
tc temperature (200 mm, 3000lm) ¹	65 °C
ESD classification	severity level 2
Risk group (IEC 62471)	RG1
Type of protection	IP20
Lifetime	up to 50,000 h
Guarantee	5 years

* Subject to change without notice.

¹ If the max. temperature limits are exceeded, the life of the system will be greatly reduced or the system may be damaged.

The temperature of the LED engine at the tp-point is to be measured in the thermally stable state with a temperature sensor or or temperature-sensitive sticker as per EN 60598-1

Product description

- LED replacement for downlight with compact fluorescent lamps
- Complete ready2apply solution comprising module, driver, reflector and trim ring
- Ripple current ±5 % and UGR19 (specific model only) makes office installation possible
- Approved emergency solution with EM converterLED
- Optional reflector solution with 60° and 90°
- Nominal lifetime 50,000 h (L70/B50)
- 5 years guarantee

Optical properties

- Colour temperatures 3,000 K and 4,000 K
- Typ. luminous flux category: 1,000 / 2,000 / 3,000 lm
- High colour rendering index CRI > 80
- Small colour tolerance MacAdam 4

Mechanical properties

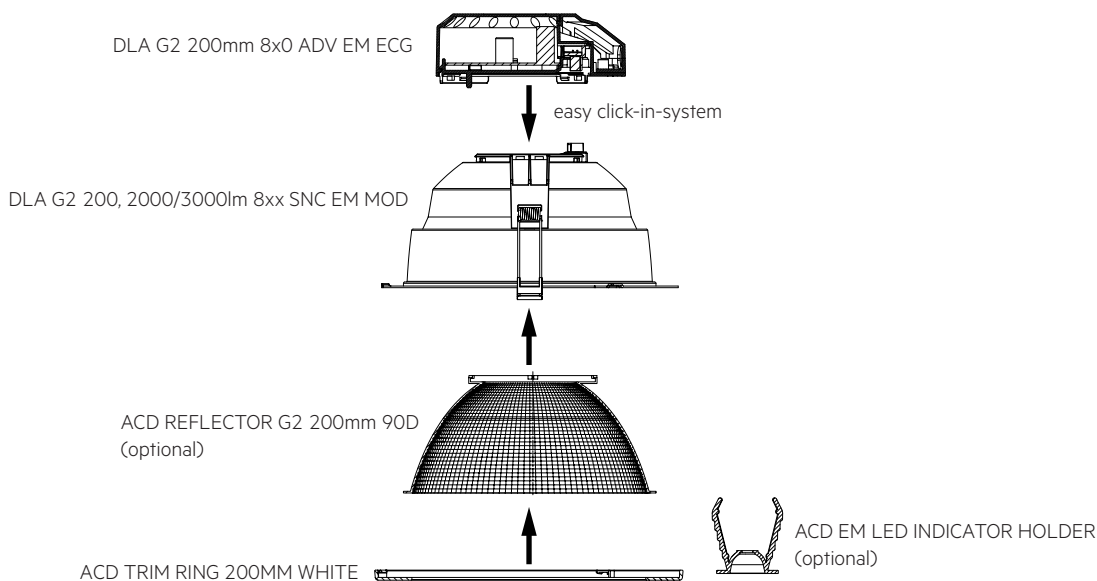
- Fit for ceiling cutout 100, 150 and 200 mm
- Tool-free assembly, simple as push and rotate
- Spring clip pre-assembled

System solution

- High system efficacy up to 111 lm/W

Installation

Assembly of DLA G2 SNC



Mounting hole size

	Mounting hole size
DLA G2 100mm SNC	ø 100 – 108 mm
DLA G2 150mm SNC	ø 145 – 158 mm
DLA G2 200mm SNC	ø 190 – 210 mm

Lifetime

Lifetime, lumen maintenance and failure rate

The light output of an LED module decreases over the lifetime, this is characterized with the L value.

L70 means that the LED module will give 70 % of its initial luminous flux. This value is always related to the number of operation hours and therefore defines the lifetime of an LED module.

As the L value is a statistical value and the lumen maintenance may vary over the delivered LED modules.

The B value defines the amount of modules which are below the specific L value, e.g. L70B10 means 10 % of the LED modules are below 70 % of the initial luminous flux, respectively 90 % will be above 70 % of the initial value. In addition the percentage of failed modules (fatal failure) is characterized by the C value.

The F value is the combination of the B and C value. That means for F degradation and complete failures are considered, e.g. L70F10 means 10 % of the LED modules may fail or be below 70 % of the initial luminous flux.



Option 1	
TDLG2L	LARGE 2000LM, 190mm-210mm cut-out
TDLG2M	MEDIUM 1000LM, 145mm-158mm cut-out
TDLG2S	SMALL 1000LM, 100mm-108mm cut-out
TDLG2LHO	LARGE HIGH OUTPUT 3000LM, 190mm-210mm cut-out
TDLG2MHO	MEDIUM HIGH OUTPUT 2000LM, 145mm-158mm cut-out

Option 2	
30	3000K
40	4000K

Option 3	
-01	LED Standard
-05	c/w Emergency M3
-03	c/w Corridor Function
-04	c/w Microwave & Corridor Function
-05	c/w Emergency M3
-06	c/w Emergency & Microwave
-07	c/w Emergency & Corridor Function
-08	c/w Emergency, Microwave & Corridor Function

Ordering Part no. Format :- Option1Option2Option3

Example:

TDLG2L40-0

TDL Generation2 led boards, Large 4000k c/w emergency

** Please contact our sales office for Dimming & other options*