

GLN119 1120 2800lm 22W 830 I MBB GR Direct/ Indirect DALI

Direct · 3000 K · IP40 · IK05 · any RAL on request



Length 50 mm

APPLICATION

GLN119 Gentleline is a premium suspended linear luminaire designed for modern offices, meeting rooms, reception areas and representative interiors where both visual comfort and appearance are important. Its slim aluminium profile and precise proportions create a clean, elegant look that integrates naturally into contemporary architectural spaces. The luminaire uses high-quality LEDiL BRIANNA optics, developed for comfortable office lighting with excellent glare control and the possibility of achieving $UGR \leq 19$, depending on the luminaire configuration and installation layout. Direct light provides efficient and uniform illumination of working surfaces, while the indirect uplight softly illuminates the ceiling and creates a brighter, more balanced atmosphere in the room. Optics with approximately 60° or 75° beam angles are available. GLN119 can be installed as an individual suspended luminaire or, as an option, connected into continuous light lines. This allows Gentleline to be used both above individual workplaces and as part of a complete architectural lighting system for larger offices and premium public spaces.

2800 lm SYSTEM FLUX	22 W INPUT POWER	127 lm/W EFFICACY	3000 K CCT	≥80 CRI	IP40 INGRESS	IK05 IMPACT	100 000 h L90B10
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ELECTRICAL PARAMETERS

Nominal supply voltage	230 (220–240) V AC	Supply voltage range	198–264 V AC
Type of supply current	AC	Supply frequency	50 / 60 Hz
Rated input power	22W	Power factor (PF)	0.98
Driver efficiency at nominal load	92%	Total harmonic distortion (THDi)	<10%
Protection class (electric shock)	I	Inrush current / time	5A 50μsec
Driver type	Philips	Number of luminaires on MCB 16A type B	22

PHOTOMETRIC PARAMETERS

Luminous flux — system	2800lm	Luminous flux — LED module	3300lm
Luminous efficacy — system	127lm/W	Correlated colour temperature (CCT)	3000 K
Colour rendering index Ra (CRI)	≥80	Init. CRI tolerance	±3
Light distribution type	Direct	Luminaire beam spread	Office beam
Optic type	MBB - Black matt shade	Photobiological safety class	RG1
Flicker — Output PstLM / SVM	≤0.1 / ≤0.2	Colour consistency (SDCM)	< 3 MacAdam steps
Upward light output ratio (ULOR)	0	Luminous flux tolerance	±5 %

CONSTRUCTION & MATERIALS

Luminaire type	Linear suspended	Light source type	LED
Light source replaceable	yes	Cap / base type	Integrated
Housing material	Aluminium profile	Housing coating	Powder coating
Optic material	PMMA	Housing colour (RAL)	any RAL on request
Mounting type	Suspended	Overall dimensions (H × W × L)	50x70x120 as a standard 140x220cm on request
Number of gear units	1 pcs		

PROTECTION & ENVIRONMENT

IP rating — enclosure	IP40	Impact resistance class IK	IK05
Operating temperature range	-40...+35 °C	Storage temperature range	-40...+65 °C
Glow-wire test	650 °C / 5 s	Relative humidity (max)	N/A

CONTROL & DIMMING

Dimmable	Yes	Control protocol / interface	DALI
Built-in motion / presence sensor	Easyair sensor on request		

RELIABILITY & LIFETIME

Light source lifetime	100000@L90 B10h	Lumen maintenance @ 50 000 h	L95B5
Lumen maintenance @ 100 000 h	L90 B10	Control gear failure rate @ 50 000 h	92 %
Control gear failure rate @ 100 000 h	10%	Maximum case temperature Tc	75°C

CERTIFICATIONS

Warranty period	5 years	CE marking	CE marked
ENEC mark	No	ENEC+ mark	No
UKCA marking	UKCA marked	D4i certified (DALI)	No
EU RoHS compliant	Yes		

STANDARDS & SUSTAINABILITY

Applicable standard	EN-IEC 62722-2-89	ETIM Class	Not determined
Recyclable content ratio	Not determined	Non-virgin material ratio	Not determined
Sustainability rating	Not determined	EAN / UPC	Not determined

Application areas **Modern offices, meeting rooms, reception areas and representative interiors**

Environmental data. Embedded carbon, recyclable content and sustainability ratings are provided per article where determined.

Documents. Photometric files (IES / LDT) and installation instructions are available at takton.ee.