



frigi
INDUSTRIAL

Origi Industrial

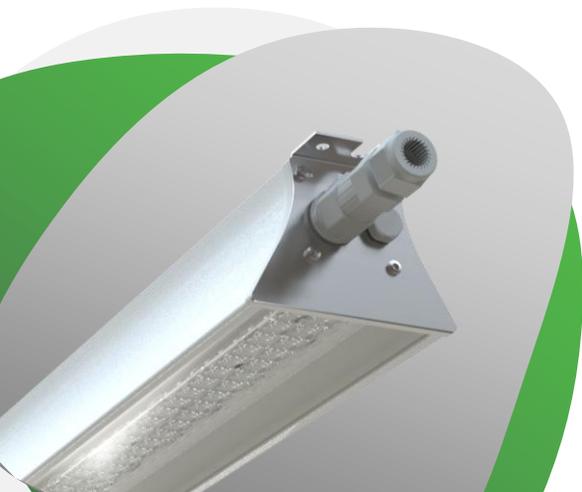


Origi Industrial is a high quality professional luminaire for industrial buildings, taking the life cycle of industrial lighting to a new era. The design and philosophy of the luminaire makes it completely exceptional compared to any other luminaire on the market. With its long warranty, unlimited serviceability and stunning light output, Origi is the last luminaire you'll ever need to buy.

For the lighting designer and user, Origi provides high quality lighting with low glare, supporting visual efficiency, work safety and flawlessness. The luminaire meets the highest requirements of the EN-12464-1 indoor lighting standard. The Origi body is designed to be eternal and reusable and is made of recycled aluminium, minimising the impact on nature.

Area of use: industry

Installation: ceiling surface, suspension and hanging rail



GREENLED

PATENT PENDING -
FINNISH INNOVATION

BENEFITS

Life cycle: Origi is the first professional luminaire designed to last forever without compromising on components. Energy efficiency (146-188lm/W), intelligence and optics, guaranteeing low kWh/m² results. L90/100 000 h and CLO allow the use of a low maintenance factor in lighting design, supporting EPBD efficient w/m² calculation.

Design.

Luminaire-specific sensor: Versions equipped with a motion and presence sensor, has an NLC Bluetooth or Casambi sensor embedded in the end cap for improved wireless network coverage.

Maintainability: the luminaire is maintainable with Zhaga standard components by Greenled and other lighting professionals. It is compatible with Zhaga Book 7 standard linear LED cards and optics and all Zhaga Book 15 standard LED cards and optics. In addition, the luminaire can be used with Zhaga Book 13 linear LED drivers. The Zhaga Book 20 and Zhaga Book 25 standards ensure serviceability and availability of spare parts.

DALI2 data support for smart homes (EPBD-SRI), and DiiA certified features (251, 252, 253) allow data storage, energy reporting, diagnostics (overvoltage and thermal) and proactive failure information 1000-5000 h before end of life (control management system support required).

Price and warranty: despite its superior life cycle, Origi is very price competitive compared to any similar product.

SUITABILITY

Industrial applications where quality and ease of maintenance are important. The original serviceability allows a radical reduction of the maintenance costs of the building, as well as comfort. The luminaire is available in 3 different lengths.

Installation. Connection of the luminaire from the end with a quick coupling.

Origi is suitable for both **wireless and wired** control



VARIANTS

Model	Type code	Power	Luminous flux	Luminaire efficacy	Lifetime	Operating temperature
Origi industrial 1200	GLORIN12069	69 W	11927 lm	172 lm/W	L90B50 >100 000h, C10 100 000h	-25 - +50°C
Origi industrial 1200	GLORIN12093	93 W	15139 lm	163 lm/W	L90B50 >100 000h, C10 100 000h	-25 - +50°C
Origi industrial 1200	GLORIN12122	122 W	18790 lm	154 lm/W	L90B50 >100 000h, C10 100 000h	-25 - +40°C
Origi industrial 1200	GLORIN12151	151 W	22041 lm	146 lm/W	L90B50 >100 000h, C10 100 000h	-25 - +30°C
Origi industrial 1800	GLORIN18145	145 W	27295 lm	188 lm/W	L90B50 >100 000h, C10 100 000h	-25 - +40°C
Origi industrial 1800	GLORIN18204	204 W	30944 lm	151 lm/W	L90B50 >100 000h, C10 100 000h	-25 - +35°C
Origi industrial 1800	GLORIN18250	250 W	35801 lm	143 lm/W	L90B50 >100 000h, C10 100 000h	-25 - +25°C
Origi industrial 2400	GLORIN24138	138 W	23853 lm	173 lm/W	L90B50 >100 000h, C10 100 000h	-25 - +50°C
Origi industrial 2400	GLORIN24179	179 W	30290 lm	169 lm/W	L90B50 >100 000h, C10 100 000h	-25 - +50°C
Origi industrial 2400	GLORIN24231	231 W	36393 lm	157 lm/W	L90B50 >100 000h, C10 100 000h	-25 - +40°C
Origi industrial 2400	GLORIN24281	281 W	42208 lm	150 lm/W	L90B50 >100 000h, C10 100 000h	-25 - +35°C

Notes

All values at +25°C ambient temperature, CCT 4000K, CRI 80, luminous flux +/-10% tolerance, power +/-10% tolerance. The luminaire is 10% CLO compensated. Please note LMS (lumen maintenance factor).

DIMENSIONS

Model	Type code	Length (L)	Height (H)	Width (W)
Origi industrial 1200	GLORIN12069	1161mm	78mm	108mm
Origi industrial 1200	GLORIN12093	1161mm	78mm	108mm
Origi industrial 1200	GLORIN12122	1161mm	78mm	108mm
Origi industrial 1200	GLORIN12151	1161mm	78mm	108mm
Origi industrial 1800	GLORIN18145	1738mm	78mm	108mm
Origi industrial 1800	GLORIN18204	1738mm	78mm	108mm
Origi industrial 1800	GLORIN18250	1738mm	78mm	108mm
Origi industrial 2400	GLORIN24138	2315mm	78mm	108mm
Origi industrial 2400	GLORIN24179	2315mm	78mm	108mm
Origi industrial 2400	GLORIN24231	2315mm	78mm	108mm
Origi industrial 2400	GLORIN24281	2315mm	78mm	108mm



GENERAL DESCRIPTION

Colour temperature
3000, 4000, 5000, K (1)

Colour rendering index
RA ≥ 80

Light source shield
PMMA

Enclosure class
IP65

Supply voltage:
220-240 Vac

Frequency:
50-60 Hz

PF:
> 0.90

THD:
< 20%

Connection:
1pc quick connector, 2pc quick connector chainable
max 5*2,5mm² OR max 3*2,5mm² and DALI +/-.

Controllability:
DALI2 data, On/Off(CLO), NLC node, NLC + PIR
sensor, Casambi+ PIR sensor

Colour:
Aluminium

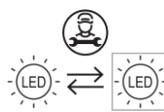
Material of the luminaire body:
Recycled aluminium

Guarantee:
5 years or 8 years. Luminaire-specific sensors 2 years
or 5 years

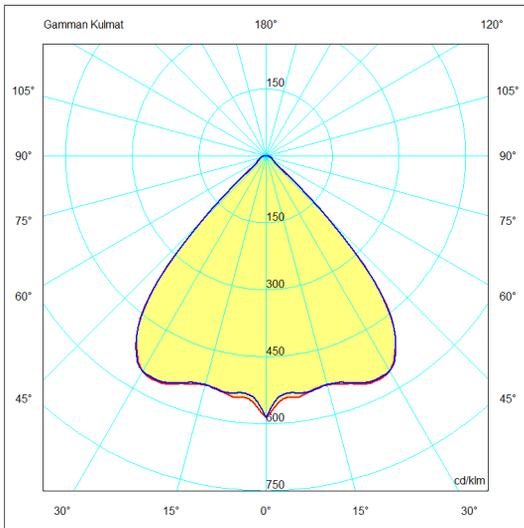
CLO (Constant Light Output).
CLO: the luminaire maintains the same light output
throughout its 100 000h life. CLO programming 10%.
All ON/OFF, DALI and wireless LED drivers

Accessories (installation):
E1500191 Origi adjustable roof bracket, E1500187 Origi
MEK bracket 50-80mm RST, E1500198 Origi MEK
bracket 80-120mm RST, E1500200 Origi adjustable
mek 70mm bracket, E1500199 Origi adjustable mek
110-120mm bracket, E1500196 Origi Origi Suspension
wire bracket 3m, E1500195 Origi Origi Suspension
wire bracket 5m, E1500201 Origi Horizontal wire
bracket

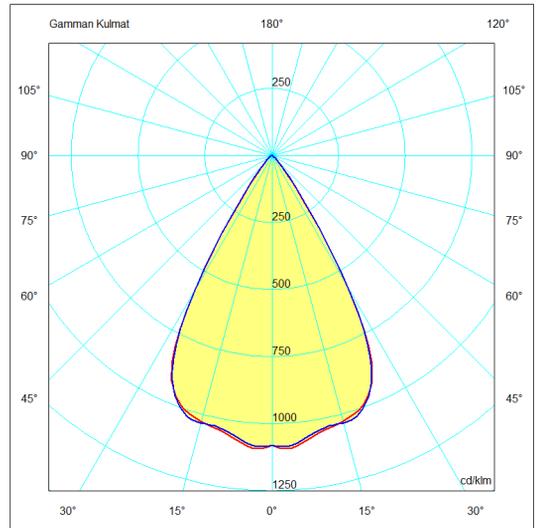
Notes:
1) SDCM ≤ 3



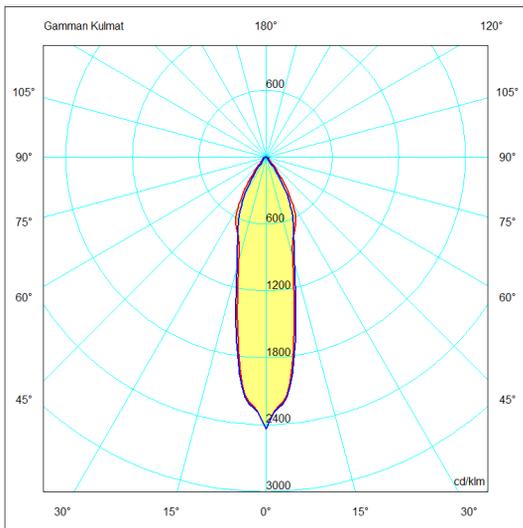
LIGHT DISTRIBUTION



Origi industrial wide

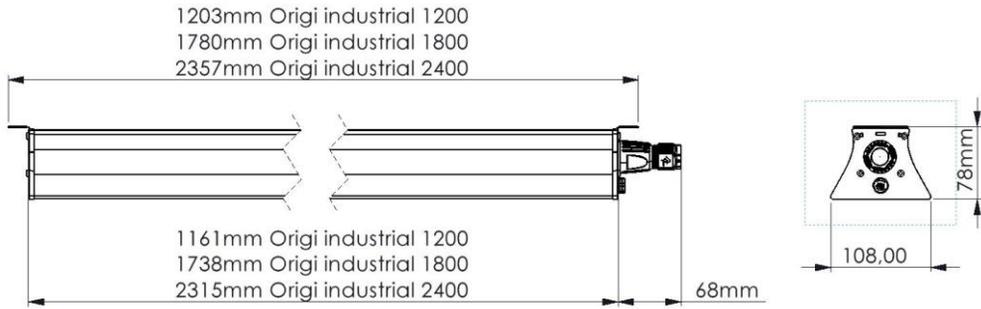


Origi industrial medium



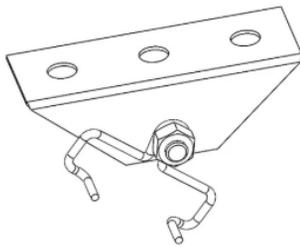
Origi industrial narrow

DIMENSIONS

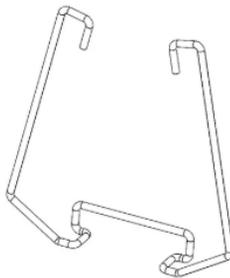


BRACKETS

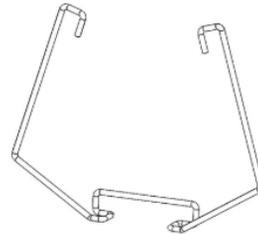
E1500191 Origi adjustable roof bracket



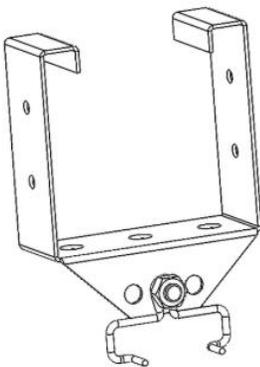
E1500187 Origi MEK bracket 50-80mm RST



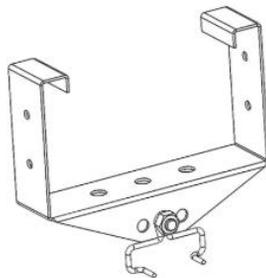
E1500198 Origi MEK bracket 80-120mm RST



E1500200 Origi adjustable mek 70mm bracket



E1500199 Origi adjustable mek 110-120mm bracket



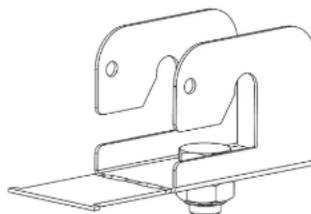
E1500196 Origi Suspension wire bracket 3m



E1500195 Origi Suspension wire bracket 5m



E1500201 Origi Horizontal wire bracket





CIRCUIT BREAKERS

	B10	B16	B20	C10	C16	C20
69 -151W	8	13	16	12	20	24
152-300W	7	11	13	11	17	20

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