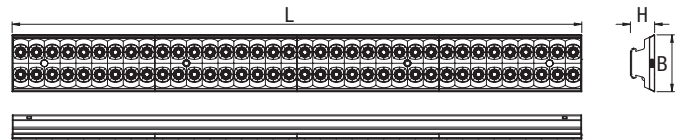


Lens Fila LED

Indoor luminaire

This luminaire is designed for mounting end to end in continuous rows using corresponding connecting kit for mechanical connection and through wiring kit. It is perfect to illuminate big areas such as retail and supermarkets.



W*	• Dimensions (mm) •			Weight max. kg
	L	H	I	
2× 18	572	114	48	1.3
2× 36	1 140	114	48	2.5
2× 58	1 140	114	48	2.5
2× 80	1 425	114	48	3.5



GENERAL CHARACTERISTICS

Equivalent Power* 2× 18 W, 2× 36 W, 2× 58 W, 2× 80 W

Power supply **SD Version:** Universal Multi Voltage
93–265 V_{AC} 50/60 Hz
176–250 V_{DC}
ED Version: 230 V_{AC} ±10 % 50 Hz

Standard EN 60598-1, EN 60598-2-1,
EN 60598-2-22 (fundamental
requirements), EN62471
(Photobiological hazard)

Protection grade IP44

Working temp. -20 ÷ +40 °C

Mounting ceiling, suspended mounting

Body galvanised Sheet steel painted with
polyester powders RAL 9003

Lenses transparentní PMMA

UGR <19

Screen micro-prismatic Tempered glass

Driver **SD Version:**
Electronic SD (cos φ ≥ 0.96)
Electronic intelligent dimming system
ED Version:
Electronic ED (cos φ ≥ 0.95)

MTFB control gear** 80 000 h

Luminous flux maintenance** >60 000 h (L80B20)

Colour deviation 3 SDCM

* Equivalent power for comparison with fluorescent tubefixtures

** At environmental reference temperature of 25 °C

Accessories **SD**

supplied

Order code Description

15039 OPTICOM PHOTOSENSOR

Accessories

to be ordered separately

Order code Description

20128 LENS FILA SUSPENSION CABLE

20129 ADAPTOR PLAFONE MULTILENS ED

20133 LENS FILA SUSPENSION WIRE 3M

20134 LENS FILA BRACKET BOX

20138 LENS FILA POWER HEAD 5P

20139 LENS FILA CAP

20137 LENS FILA 1500 BLIND 5P

20136 LENS FILA 1200 BLIND 5P

20135 LENS FILA 600 BLIND 5P

20126 LENS FILA BOX

20127 LENS FILA SUSPENSION WIRE 1.5M

Building automation **SD**

to be ordered separately

Order code Description

20102 BUILDING AUTOMATION CENTRAL UNIT

20124 BUILDING AUTOMATION CENTRAL UNIT WIFI

20104 2 INPUT INTERFACE – RADIO TRANSMITTER

15022 BUILDING AUTOMATION RADIO MODULE

15024 DALI MODULE

15034 1-10V MODULE

SPECIAL VARIANTS: COLOUR TEMPERATURE ON REQUEST, COLOUR RENDERING ≥90
Contact the Beghelli sales network

DOMOTIC RADIO MODULE

1÷10V MODULE

DALI MODULE

PLUG&LIGHT MODULE

OPTIONAL MODULES TO EXTEND BEGHELLI SD TO RADIO CONTROL OR DALI / 1-10V SYSTEMS AND EMERGENCY



INTELLIGENT PHOTOSENSOR

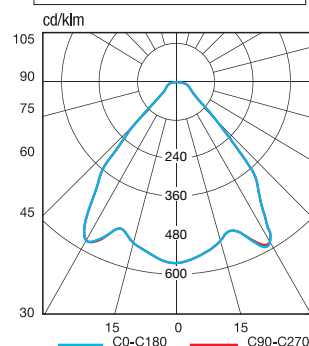
1. **Autodimmer Natural Light**
2. **Autodimmer Dynamic Light**
3. **opticom TECHNOLOGY Smartphone Interface to control and set up system**

Efficiency and dimming

The increase in luminous efficacy (lm/W) and the useful life of the device may vary significantly according to the degree to which it is dimmed. Assuming an average level of 50% of the luminous flux, the following results are obtained with the Lens Fila LED:

Dimming 50 %
Device duration +40 %
Luminous efficiency +10 %

Polar Diagram



EMERGENCY WITH LED INVERTER

TR AT LG LGFM

INVERTER	19358 INVERTER PLUG&LIGHT LED SE/SA 1H 20-60V <i>to be ordered separately</i>
	19359 INVERTER PLUG&LIGHT LED SE/SA 3H 20-60V <i>to be ordered separately</i>
	19364 INV LED IP65 AT/LG 123H (addressable) <i>to be ordered separately</i>
	19365 INV LED IP65 LGFM 123H (addressable) <i>to be ordered separately</i>
	RA02*** AUTORIPARA INVERTER BATTERY 7.2V 1.7Ah <i>to be ordered separately</i>

***Contact the Beghelli sales network for availability

Lens Fila LED

SmartDriver

Power* W	Order code	Description	LED Power W	Colour Temp. K	Colour rendering	Power consumption max. W	N°LEDs	Flux of LEDs lm (Tj=25°C)	Flux of fixture lm	lm/W	Energy Class	Packaging
2x 18	LF218SD	LENS FILA LED 2x18 SD	32	4 000	≥80	30	36	4 700	4 000	133	A++	1
2x 36	LF236SD	LENS FILA LED 2x36 SD	47	4 000	≥80	60	72	9 300	8 000	133	A++	1
2x 80	LF280SD	LENS FILA LED 2x80 SD	67	4 000	≥80	74	90	11 600	9 900	133	A++	1

Lens Fila LED

Eco Driver

Power* W	Order code	Description	LED Power W	Colour Temp. K	Colour rendering	Power consumption max. W	N°LEDs	Flux of LEDs lm (Tj=25°C)	Flux of fixture lm	lm/W	Energy Class	Packaging
2x 18	LF218ED	LENS FILA LED 2x18 ED	21	4 000	≥80	23	36	3 500	3 000	133	A++	1
2x 36	LF236ED	LENS FILA LED 2x36 ED	41	4 000	≥80	45	72	7 000	6 000	133	A++	1
2x 58	LF258ED	LENS FILA LED 2x58 ED	50	4 000	≥80	56	90	8 800	7 500	133	A++	1

Version LF258SD and LF280ED on request