



GENERAL CHARACTERISTICS

Power supply **SD Luminaire:** Universal Multy

Voltage 93±265Vac 50÷60Hz
176±250Vdc

ED Luminaire: 230Vac ±10% 50Hz

Standard EN 60598-1, EN 60598-2-1,
EN 60598-2-22 (basic requirements),
EN62471 (photobiological hazard free)

Protection grade IP40**

Working temp. -20°C ÷ +40°C

Mounting ceiling mounting, suspended mounting

Body Polyester powder-coated pre-galvanised
steel sheet, RAL 9003

Optic Clear PMMA multi-lenticular

Driver **SD Luminaire:**
SELV Electronic SD (Cos $\varphi \geq 0,96$)
with smart dimming
ED Luminaire:
SELV Electronic ED (Cos $\varphi \geq 0,95$)

MTBF Control gear** 80.000 h

Luminous flux maintenance*
>60.000h (L80B20)

Colour deviation 3 SDCM

* At the reference working temperature of 25°C

** The IP rating refers to the lamp in single configuration

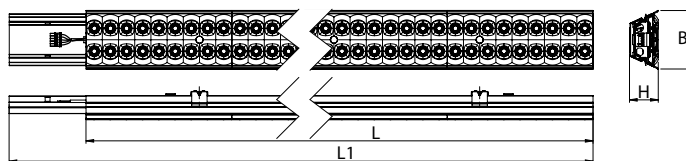
Lens Fila LED

Indoor luminaire

Luminaire specifically designed for continuous row mounting in large environments. Pass-through wiring and quick access system to the terminal board for quick and safe installation.

Multi-lenticular optic designed for the correct lighting of shopping centres and large Retail spaces.

The luminaire can be equipped with a wide range of emergency lighting inverters



Nominal length (mm)	L	• Dimensions (mm) •		H	Weight max kg
		L1	B		
600	569	719	114	56	1.3
1200	1138	1288	114	56	2.5
1500	1422	1572	114	56	3.5

Accessories

included

Order code Description

15039 OPTICOM SMART PHOTOSENSOR

Home automation

to be ordered separately

Order code Descrizione

20102 HOME AUTOMATION CONTROL UNIT

20124 WiFi HOME AUTOMATION CONTROL UNIT

20104 HOME AUTOMATION REMOTE CONTROL TRANSMITTER

15022 HOME AUTOMATION REMOTE CONTROL MODULE

15024 DALI MODULE

15034 1-10V MODULE

Accessories

to be ordered separately

Order cod Descrizione

20126 LENS FILA BOX

20127 LENS FILA SUSPENSION WIRE 1,5m

20133 LENS FILA SUSPENSION WIRE 3m

20134 LENS FILA BRACKET BOX

20135 LENS FILA 600 BLIND 5P

20136 LENS FILA 1200 BLIND 5P

20137 LENS FILA 1500 BLIND 5P

20138 LENS FILA POWER HEAD 5P

20139 LENS FILA CAP

20140 MORS 5P F 90° L1 N L2 T L3

20141 MORS 5P M 90° L3 T L2 N L1

20142 MORS 5P F-DP 90° L1 N L2 T L3

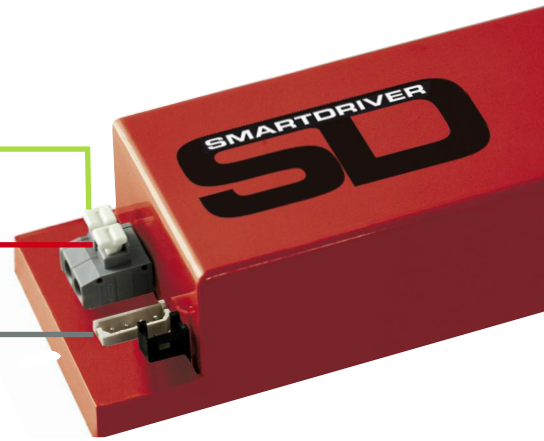
20144 LENS FILA CABLE 5P FEMALE

20145 LENS FILA CABLE 5P 2X FEMALE

20146 LENS FILA CABLE 5P MALE-FEMALE

20147 LF CABLE 5P FEMALE-2X FEMALE

SPECIAL VERSIONS: CHROMATIC YIELD ≥ 90 - COLOUR TEMPERATURE ON REQUEST
Contact Beghelli's sales network



SMART MODULES THAT CAN BE CONNECTED TO THE BEGHELLI SMARTDRIVER



SMART PHOTONSENSOR

1. Autodimmer Natural Light
2. Autodimmer Dynamic Light
3. Smartphone Interface Luminaire programming and control system

Efficacy and dimming

The increase in luminous efficacy (lm/W) and the useful life of the luminaire can vary considerably depending on the level of dimming to which it is subjected. The data to the right refers to the Lens Fila LED considering an average dimming level equal to 50% of the luminous flux:

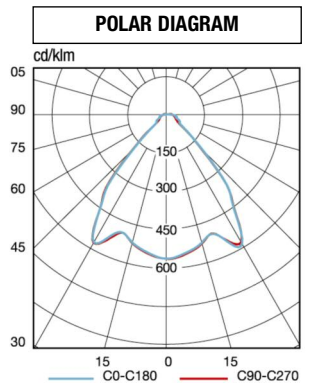
Dimming SD	50%
Luminaire useful life	+40%
Luminous efficiency	+10%

Number of lamps in continuous row per phase

Nominal length (mm)	No. of lamps 230Vac	Cable section mm ²	Line length m 230Vac
600	-	2,5	-
1200	46	2,5	52
1500	37	2,5	52

INVERTER	EMERGENCY WITH LED INVERTER		TR	AT	LG	LGFM
		19358 PLUG&LIGHT LED INVERTER SE/SA 1H 20-60V	to be ordered separately			
		19359 PLUG&LIGHT LED INVERTER SE/SA 3H 20-60V	to be ordered separately			
		19355* FULL LED INVERTER LG 6W 55V 123H	to be ordered separately			
		19372* FULL LED INVERTER LG 8W 55V 123H	to be ordered separately			
		19390* EXTREME INVERTER AT/LG AR 15W 55V LTO	to be ordered separately			
		19391* EXTREME INVERTER AT/LG AR 15W 55V LiFe	to be ordered separately			

LG technology inverters can be turned into LGFM using a special accessory, code 19375
The inverters cannot be used with codes LF218SD and LF218ED



Lens Fila LED

SmartDriver electronic ballast

Nominal length (mm)	Order Code	Description	Power LED W	Temperature Colour K	Yield Chromatic	Absorption Max W	N° LED	Flux LED lm (Tj=25°C)	Flux Luminaire lm	Class Energy	Efficiency Luminous lm/W	Pack
** 600	LF218SD	LENS FILA LED 2x18 SD 4K	27	4000	≥80	30	36	4700	4000	A++	133	1
1200	LF236SD	LENS FILA LED 2x36 SD 4K	54	4000	≥80	60	72	9300	8000	A++	133	1
1500	LF280SD	LENS FILA LED 2x80 SD 4K	67	4000	≥80	74	90	11600	9900	A++	133	1

** Products that can be installed ONLY at the beginning of a row and ALWAYS with the code 20138
They CANNOT be installed with codes 20126 and 20134

Lens Fila LED

Eco Driver Electronic ballast

Nominal length (mm)	Order Code	Description	Power LED W	Temperature Colour K	Yield Chromatic	Absorption Max W	N° LED	Flux LED lm (Tj=25°C)	Flux Luminaire lm	Class Energy	Efficiency Luminous lm/W	Pack
** 600	LF218ED	LENS FILA LED 2x18 ED 4K	24	4000	≥80	27	36	4200	3600	A++	135	1
1200	LF236ED	LENS FILA LED 2x36 ED 4K	49	4000	≥80	54	72	8600	7300	A++	135	1
1500	LF280ED	LENS FILA LED 2x80 ED 4K	60	4000	≥80	67	90	10500	9000	A++	135	1

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They CANNOT be installed with codes 20126 and 20134