Canes LED

Ceiling, suspension

Canes LED is a LED luminaire designed for separate ceiling and suspended mounting. Housing is made of a steel sheet finished with powder technology varnishing, white colour RAL 9003 with highly polished parabolic louvre. The luminaire is suitable for offices, corridors and stairways, shops, lecture halls. Available with an emergency LED inverter for emergency usage.
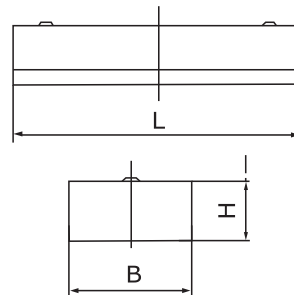
opticom TECHNOLOGY | **SD** SMARTDRIVER | **ED** ECODRIVER

DARK LIGHT | **PLUG&LIGHT** | **NO FLICKER** | **IP20** | **IK05** | **C E**

GENERAL CHARACTERISTICS

Equivalent Power*	2× 36, 2× 58 W
Power supply	**SD Version:** 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), EN 62471 (photobiological hazard)
Protection grade	IP20
Working temp.	-20 °C ÷ +40 °C
Mounting	separate mounting on a ceiling or suspension
Body	steel sheet finished with powder technology varnishing, white colour RAL 9003
Driver	**SD Version:** SmartDriver (cos φ≥ 0.96) **ED Version:** Eco Driver (cos φ≥ 0.95)
MTFB control gear**	65 000 h
Luminous flux maintenance**	>60 000 h (L80B20)
Colour deviation	3 SDCM

* Equivalent power for comparison with fluorescent tube fixtures
** At environmental reference temperature of 25 °C

W	• Dimensions (mm) •			Weight kg
	L	B	H	
2× 36	934	225	45	2.8
2× 58	934	225	45	2.8

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 Canes LED:

Dimming **SD**		**50 %**
Device duration		**+40 %**
Luminous efficiency		**+15 %**

Accessories **SD**   supplied

Order code	Description
15039	OPTICOM PHOTOSENSOR

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

Accessories   to be ordered separately

Order code	Description
99-080/120/ES	WIRE PENDANT WITHOUT POWER CABLE (120 cm)
90-081/120/ES	WIRE PENDANT WITH 3× 1.5 mm² POWER CABLE (120 cm)
90-082/120/ES	WIRE PENDANT WITH 5× 1.5 mm² POWER CABLE (120 cm)

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

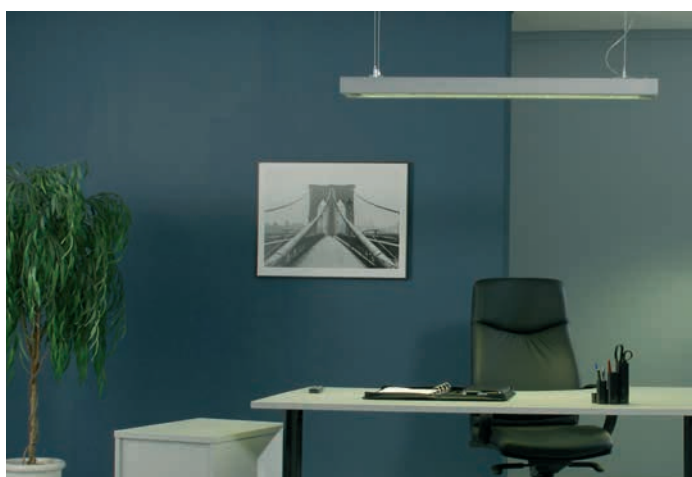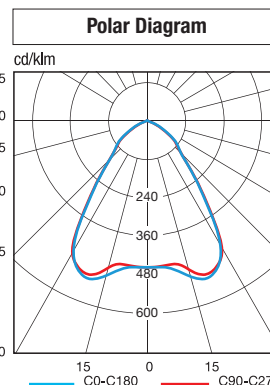| DOMOTIC RADIO MODULE | 1÷10V MODULE | DALI MODULE | PLUG&LIGHT MODULE | SMARTDRIVER SD |

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

DARK LIGHT OPTIC

Polar Diagram

cd/klm

C0-C180   C90-C270

EMERGENCY WITH LED INVERTER

		TR	AT	LG	LGFM

INVERTER

19358	INVERTER PLUG&LIGHT LED SE/SA 1H 20-60V	to be ordered separately
19359	INVERTER PLUG&LIGHT LED SE/SA 3H 20-60V	to be ordered separately
19355	INV LED AT/LG 6W 55V 123H	to be ordered separately
19356	INV LED LGFM 6W 55V 123H	to be ordered separately

Canes LED   SmartDriver SD

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
2× 36	A39-10148CSD	CEILING LED 2x36 SD 4000K	31	4 000	>80	36	140	4 800	4 000	111	A+	1
2× 58	A39-10149CSD	CEILING LED 2x58 SD 4000K	42	4 000	>80	47	140	6 160	5 100	109	A+	1

Canes LED   Eco Driver ED

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
2× 36	A39-10148C	CEILING LED 2x36 4000K	34	4 000	>80	39	140	5 640	4 700	120	A+	1
2× 58	A39-10149C	CEILING LED 2x58 4000K	46	4 000	>80	52	140	7 200	6 000	115	A+	1