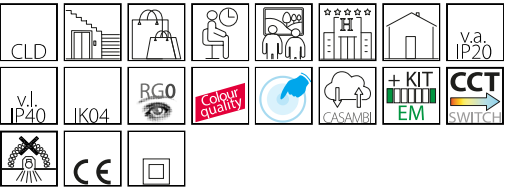


Spark 1 - Q120 - CCT DIP SWITCH

Code: 22161911-00



This range includes both round and square recessed spotlights, available in fixed and adjustable versions. It is perfect for replacing existing spotlights and represents the technological evolution in recessed lighting. The main advantages of this latest-generation product are energy savings, exceptional flexibility of use, and significantly higher quality lighting. These spotlights feature the CCT switch technology, allowing colour changes, and a DIP switch with a single driver, offering various currents and, consequently, multiple luminous fluxes and wattages. Thanks to the innovative driver with DIP switch, achieving the perfect light for any lighting project is simple. With a single code, it provides installers with a wide range of choices readily available.

By selecting the LED driving current according to specific needs, the appropriate power for any design condition is guaranteed. Therefore, choosing a lower current will increase the efficiency and improve energy savings, while a higher current will provide brighter light and make it possible to reduce the number of luminaires needed.



GENERAL INFORMATION

Article	Spark 1 - Q120 - CCT DIP SWITCH
Code	22161911-00

DIMENSIONS AND WEIGHT

Length (mm)	120 mm
Width (mm)	120 mm
Height (mm)	86 mm
Weight (Kg)	0.4 kg

INSTALLATION

Min. recessed cut-out hole (mm)	110 mm
Max. recessed cut-out hole (mm)	115 mm

ELECTRICAL CHARACTERISTICS AND CONTROLS

Voltage type	AC
Min Voltage (V)	220 V
Max Voltage (V)	240 V
Min Frequency (Hz)	50 Hz
Max Frequency (Hz)	60 Hz
Frequency (Hz)	50 Hz
Wiring name	CLD
Power factor	>0.9
Rated Current	350 mA
Insulation class	Class II
Controllability	Yes (Integrated)
Integrated Function	CCT adjustable with Dip Switch, Flux/power settings (factory)

Spark 1 - Q120 - CCT DIP SWITCH

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PHOTOMETRIC DATA



Lighting source	LED COB
CRI	>90
Luminous flux (output) (lm)	1229 lm
Power absorption (total) (W)	14 W
CCT	4000 K
Beam angle	38 °
LED flux maintenance	50000 hr, L 90, B 10

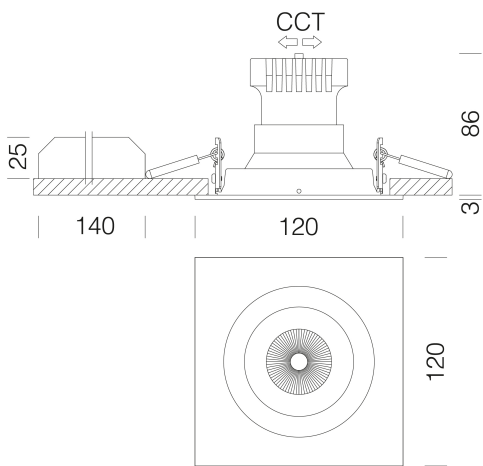
MECHANICAL CHARACTERISTICS

Impact resistance rating (IK)	IK04
IP (vl)	40
IP (va)	20

Spark 1 - Q120 - CCT DIP SWITCH

Code: 22161911-00

MATERIALS AND COLOURS



DOWNLOAD

MOUNTS

AssemblyInstructions FosnovaDownlights rev7.pdf

DESIGNS

TechnicalDrawing Spark 1 Q120.dxf



Housing	made of die-cast aluminium with spring clips for recessed mounting.
Optics	Reflector: made in painted black aluminium. Lens: in PMMA with high efficiency output and very low glare rate.
Heat sink	built-in.
Coating	epoxy polyester powder coating resistant to UV rays.
Colour	Black, White
Luminous flux maintenance 80%: 70.000h (L80B10) o luminous flux maintenance 90%: 50.000h (L90B10).	

EMERGENCY LIGHTING

Emergency power supply type	Not present
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STANDARDS AND COMPLIANCE

Photobiological safety class	RG0
Markings and tests	CE
Reference standards	EN60598-1. With degree of protection according to EN60529.
Energy Label	E

WARRANTY

After sales warranty	5 yr
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Spark 1 - Q120 - CCT DIP SWITCH

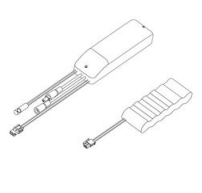
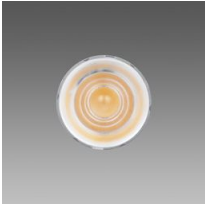
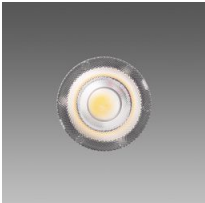
Wiring	LED	TotW	K - Lumen Output - CRI – Degrees
CLD	200	8	2700K - 666m - CRI>90 – 38°
CLD	250	10	2700K - 833lm - CRI>90 – 38°
CLD	300	12	2700K - 961lm - CRI>90 – 38°
CLD	350	14	2700K - 1100lm - CRI>90 – 38°
CLD	200	8	3000K - 715 - CRI>90 – 38°
CLD	250	10	3000K - 888lm - CRI>90 – 38°
CLD	300	12	3000K - 1037lm - CRI>90 – 38°
CLD	350	14	3000K - 1209lm - CRI>90 – 38°
CLD	200	8	4000K - 746m - CRI>90 – 38°
CLD	250	10	4000K - 924lm - CRI>90 – 38°
CLD	300	12	4000K – 1073lm - CRI>90 – 38°
CLD	350	14	4000K - 1229lm - CRI>90 – 38°



Please contact the Consulting and Design Centre for any technical information. The reported luminous flux is the flux emitted by the light source with a tolerance of ± 10% compared to the indicated value. The total wattage absorbed by the system will not exceed 10% of the reported value. Technical lighting data may be subject to changes and improvements due to the fast evolution of the technology. Monday, July 20, 2026

Spark 1 - Q120 - CCT DIP SWITCH

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	Kit Q EM		Interchangeable LED module precision lens - 20°
	Interchangeable LED module precision lens - 26°		Interchangeable LED module precision lens - 60°
	Interchangeable LED module precision lens - asymmetrical		Interchangeable LED module precision lens - elliptical
	Safety cord		