## Coaxial Light ES100 - Technical data



- LED Coaxial Light for continuous / switch operation
- active light field 100 mm x 100 mm
- 196 high performance 5 mm LEDs
- applicable as a coaxial, homogeneous incident illumination
- · integrated illumination controller
- brightness can be regulated internally (potentiometer) or externally with a VC analogue input
- robust industrial model, Aluminium casing, IP40
- 150 mm cable with an M16 12-pin plug
- drag chain connection cable with an M16 12-pin socket in different lengths available as accessory please note page 211 of the main product catalogue

With the following table you can assemble your desired type of lighting:\*

\* A detailed product key explanation can be found on Page 4 of the main product catalogue.

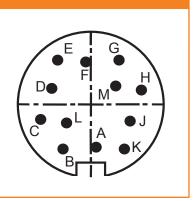
Available illumination variants

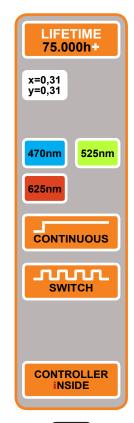
Model Illumination colour Brightness regulation

R
W
W
Potentiometer, optional VC

Operation mode	Continuous / switch	VC analogue input with up to 30 V DC	
Operation voltage	1930 V DC	wide range voltage input	
Max. current	1,0 A	at 24 V	
Brightness regulation	Potentiometer / VC	Potentiometer: 0100 % (deactivated VC - models) or VC: 0100 % when connected to a voltage of 110 V DC on the VC analogue input (potentiometer deactivated)	
Switching (Load-free)	20ms on time up to continuous operation, VC-voltage 10-30 VDC	Switching rate max. 10 Hz; brightness regulation via VC-input not possible (potentiometer must be deactivated)	
Ambient temperature	5 - 45 °C / 37 - 113 °F	non-condensing	
Weight	2,0 kg		
Protection class	IP 40		
Connection	M16 12-pin plug	150 mm drag chain cable with an M16 12-pin plug, IP67	

Pin arrangement M16 plug				
A+K	white	GND	GND Operation voltage	
B+L	brown	U <sub>B</sub>	Operation voltage	
С	green	NC	NC	
D	yellow	VC	Brightness regulation 110 V DC	
Е	grey	NC	NC	
F	pink	NC	NC	
G	blue	NC	NC	
Н	Shield	Shield	Shield connection	
J	nc	NC	NC	
М	nc	NC	NC	







## Coaxial Light ES100 - Technical drawing

