Area Light SQCB160 - Technical data



- · LED Area Light with camera hole for continuous / switch operation
- active light field 160 mm x 160 mm x D40 mm
- 368 high performance 5 mm LEDs
- applicable as a clear, diffused or polarised incident illumination or as a transmitted 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

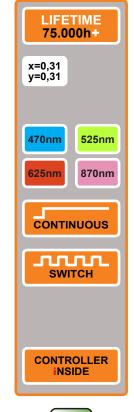
With the following table you can assemble your desired type of lighting:*

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

Available illumination variants						
Model	Diffusing panel	Illumination colour	Brightness regulation			
SQCB160	ALK ALD DL	R IR870 W B	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	1,3 A	at 24 V	
Brightness regulation	Potentiometer / VC	Potentiometer: 0100 % (deactivated with 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	1,4 kg		
Protection class	IP 40		
Connection	M16 12-pin plug	150 mm drag chain cable with an M16 12-pin plug, IP67	

Pin arrangem	ent M16 plug			
A+K	white	GND	GND Operation voltage	
B+L	brown	U _B	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	\c
Н	Shield	Shield	Shield connection	\
J	nc	NC	NC	
М	nc	NC	NC	





Area Light SQCB160 - Technical drawing

