

Area Flash Light LGCB4030FL - Technical data



- LED Area Light with camera hole for flash operation
- light field 400 mm x 300 mm x D50 mm
- light guide technology with 80 laterally coupled Power LED
- directed homogeneous collimated light
- integrated illumination controller
- brightness can be regulated internally (potentiometer) or externally with a VC analogue input
- adjustable flash times up to 220 µs
- different trigger modes
- robust industrial model, Aluminium casing, IP50
- 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](#)

LIFETIME
75.000h+

x=0,31
 y=0,31

850nm

625nm

528nm*

470nm*

*on request

Strobe / Flash

CONTROLLER
INSIDE



Price list: [page 256 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	Trigger	Flash time
LGCB4030FL	KOL	R IR850 W B (on request) G (on request)	Potentiometer, VC	SPS TTL	100 220

Operation mode	Flash	
Operation voltage	21...30 V DC	wide range voltage input
Max. current	6 A	at 24 V
Trigger modes	TTL / SPS	TTL: rising slope at trigger input, min. 3 V DC, max. 30 V DC SPS: rising slope at trigger input, min. 15 V DC, max. 30 V DC
Flash times	10 - 100 µs / 20 - 220 µs	adjustable with potentiometer, max. flash frequency 100 Hz or 35 Hz
Brightness regulation	Potentiometer / VC	Potentiometer: 0...100 % (deactivated with VC - models) or VC: 0 - 100 % with VC-analogue input 2...10 V DC VC-voltage > 1 VDC -> potentiometer deactivated automatically, recommendation: turn the potentiometer fully anti-clockwise (left)
Ambient temperature	5 - 45 °C / 37 - 113 °F	non-condensing
Weight	5,5 kg	
Protection class	IP 50	
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 _b	Operation voltage	
C	green	NC	NC	
D	yellow	VC	Brightness regulation 2...10 V DC	
E	grey	+ ON / OFF TTL	Switching input, TTL > 3 V DC	
F	pink	+ ON / OFF SPS	Switching input, SPS > 15 V DC	
G	blue	GND ON / OFF	GND switch circuit	
H	Shield	Shield	Shield connection	
J	nc	NC	NC	
M	nc	NC	NC	

Area Flash Light LGCB4030FL - Technical drawing

