

Dark Field Ring Light DFL50 - Technical data



- LED Dark Field Ring Light for continuous / switch operation
- light field diameter 50 mm
- 60 high performance SMD LEDs
- integrated diffusor
- an external illumination controller PLC2 necessary
 ↪ *please note page 204 of the main product catalogue*
- brightness can be regulated with a external controller
- robust industrial model, Aluminium casing, IP40
- 1,5 m drag chain cable with M16 plug for connecting to the PLC2

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
DFL50	R W B G	↪ <i>observe controller PLC2</i>

Operation mode	Continuous / switch	external controller PLC2 necessary
Operation voltage	↪ <i>observe controller PLC2</i>	wide range voltage input
Max. current	0,25 A	at 24 V
Brightness regulation	Potentiometer / VC	adjustable with external controller FLC2
Switching (Load-free)	VC	↪ <i>observe controller PLC2</i>
Ambient temperature	5 - 45 °C / 37 - 113 °F	non-condensing
Weight	0,21 kg	
Protection class	IP 40	
Connection cable	1,5 m cable	drag chain cable, bending radius min. 72 mm, Lumberg 6-pin plug, for connecting to the controller PLC2

LIFETIME
75.000h+

x=0,31
y=0,31

470nm

525nm

625nm

CONTINUOUS

SWITCH

~~CONTROLLER
INSIDE~~



Price list: page 333 of the main product catalogue

Dark Field Ring Light DFL50 - Technical drawing

