



### DLOBML-IR860 860 NM Infrared LED

Works with cameras having a night-shot function such as Somikon DV-883IR, Sony HDR-XR550/HDR-CX730E/DCR-TRV355E/PMW-100 and Canon XA10/XA20/XA25.

### DLOBML-IR960 960 NM Infrared LED

Works with special night-vision surveillance cameras.

- World's first focusing near infrared illuminator that focuses like a dedolight.
- With focusing range of 4° to 56°

- Even light distribution in all focusing positions.
- Dimmable down to 4%.
- Illumination up to 40 m (130 ft) (tested with Sony Nightshot Camcorder)
- Powers from any 6V to 18V DC power source.
- Power consumption is only 6W
- Operates from -40°C up to +40°C.
- Various power cable and mounting accessories are available
- Works with most night vision equipment
- Optional battery shoe for Panasonic, Sony, Canon and Nikon 7.2 V Li-Ion batteries
- NPF550 7.2V, 2000 mA, 105 minute run time.
- NPF750 7.2V, 4000 mA, 210 minute run time.
- NPF950 7.2V, 6000 mA, 330 minute run time.
- Optional power cables are available for Anton/Bauer and PAG systems, car cigarette lighter outputs or battery belts/packs
- The light projected from an 860 nm infrared LED is invisible to the human eye, however you may see a dull red glow when looking

directly at the front lens. Also available in a 960 nm version (completely invisible for special IR-Sensor)

- Applications:
  - Infrared illumination for cameras (night shot)
  - Infrared photography
  - Surveillance systems
  - Machine vision systems
  - Wildlife observation
  - Criminology

Light head	radiation	
	flood 1m	spot 1m
DLOBML-IR860	9 mW/m <sup>2</sup>	98 mW/m <sup>2</sup>
DLOBML-IR960	9 mW/m <sup>2</sup>	61 mW/m <sup>2</sup>



# FLUORES-ZILLA



### DLOBML-UV400 UV 400 LED

### DLOBML-UV365 UV 365 LED

- Amazing light output with dedolight double aspheric optics
- Worldwide first black light source that focuses like a dedolight from 4° to 56°
- No heat emission in exiting rays

- No other focusing long-wave 400 nm UV-A LED light source has comparable focus range
- Perfectly even light distribution in each focus position
- Extremely gentle dimming from full intensity to 5% without change of color
- Power supply from 6V – 18V DC
- 1500 mW output
- Power consumption, 6W
- Operating from -40°C to +40°C
- LED power indicator
- Optional battery shoe for Sony, Panasonic, Canon and Nikon 7.2 V Li-Ion batteries.
- NPF550 7.2V, 2000 mA, 105 min. run time
- NPF750 7.2V, 4000 mA, 210 min. run time
- NPF950 7.2V, 6000 mA, 330 min. run time
- When dimmed to 50%, power consumption is lowered accordingly, resulting in twice the run time.
- Alternative power supply from Anton/Bauer or PAG system, cigarette lighter adapter or battery belt.

- In comparison to 365nm LEDs Fluoreszilla with 400 nm LED shows higher percentage of violet. Many materials reacting to fluorescent light appear in double brightness.
- Fields of application:
  - Black light effect / UV-active body paint
  - UV-active deco material
  - Magic ink / Edding UV-marker
  - Fluorescent wall paint (paintings)
  - Bank note – document testing
  - Mineralogy
  - Criminology

Light head	radiation	
	flood 1m	spot 1m
DLOBML-UV365	6 mW/m <sup>2</sup>	51 mW/m <sup>2</sup>
DLOBML-UV400	8 mW/m <sup>2</sup>	71 mW/m <sup>2</sup>



# DLED – UV AND IR LED SPECIAL LIGHT HEADS

## DLED2 Special – Infrared



**DLED2-IR960**

### INFRARED:

- 20 W IR LED comes in two DLED2 yoke versions.

- DLED2Y-IR860** works at 860 nm and may be used on cameras with NIGHT SHOT / NIGHT VISION mode. The LED chip itself show red color when switched on
- DLED2Y-IR960** works at 960 nm which is suitable for military cameras. The LED chip itself shows no visible light, even if switched on. Completely invisible light source.
- Separate **DT2-BAT-IR** and **DLED2POW** extension cables in three sizes available 55 cm (1.8'), 140 cm (4.6'), 300 cm (9.8')



- LED power indicator
- Mains power: DPLS12-30 universal AC power supply, 30 W
- Optional battery belt holder for Sony NPF 7.2 V Li-Ion batteries (DLBCA2-NPF)
- Compatible with DLED2 light shaping accessories

Light head	radiation	
	flood 1m	spot 1m
DLED2Y-IR860	30 mW/m <sup>2</sup>	160 mW/m <sup>2</sup>
DLED2Y-IR960	23 mW/m <sup>2</sup>	102 mW/m <sup>2</sup>

## DLED4 Special – Infrared and UV



**DLED4-IR860**

### INFRARED:

- 40 W IR LED comes in DLED4 housing
- DLED4-IR860 infrared LED for cameras with NIGHT SHOT / NIGHT VISION mode.



**DLED4-UV400**

### ULTRA-VIOLET („black light“):

- 40 W UV LED comes in two DLED4 versions:
  - DLED4-UV365 works at 365 mn wavelength.
  - DLED4-UV400 works at 400 mn wavelength.

### INFRARED / ULTRA-VIOLET:

- AC and battery powered operation for all DLED4 IR / UV lights:
  - AC: DT4
  - DC: DT4-BAT and DDCC cable
- Compatible to DLED4/CLASSIC SERIES light shaping accessories

Light head	radiation	
	flood 1m	spot 1m
DLED4-IR860	38 mW/m <sup>2</sup>	300 mW/m <sup>2</sup>
DLED4-UV365	19 mW/m <sup>2</sup>	190 mW/m <sup>2</sup>
DLED4-UV400	70 mW/m <sup>2</sup>	920 mW/m <sup>2</sup>

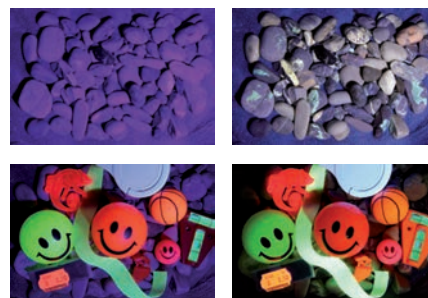
## DLED9 Special – UV 400



**DLED9-UV400**

### ULTRA-VIOLET („black light“):

- 80 W DLED9-UV365 works at 365 mn wavelength.
- DLED9-UV400 works at 400 mn wavelength.
- AC and battery powered operation for all DLED9 UV lights:
  - AC: DT9 (see page 24)
  - DC: DT9-BAT-AB (see page 25)
- Compatible to DLED9/Series 400 light shaping accessories



Light head	radiation	
	flood 1m	spot 1m
DLED9-UV365	43 mW/m <sup>2</sup>	142 mW/m <sup>2</sup>
DLED9-UV400	75 mW/m <sup>2</sup>	650 mW/m <sup>2</sup>