HELLA VALUEFIT

BRIEF INFORMATION
HELLA VALUEFIT thermal management series

→ Work lamps with innovative thermal management
→ Powerful light output despite a compact design
→ Modern and elegant look with its black design

PRODUCT FEATURES

The new HELLA VALUEFIT work lamp series offers powerful light output in a compact and stylish design. The housing and bracket are black, which gives the work lamp a thoroughly modern and elegant design. The salt spray resistance has been increased by perfectly adapting design and function with black, oxidised screws and a black, powder-coated U-bracket.
The TS3000 / TR3000 achieves an incredible 3,000 lumen at an ambient temperature of 25 °C and is thus one of the most powerful HELLA VALUEFIT work lamps. And despite its compact size, the TS1700 / TR1700 also reaches 1,700 lumen. This makes the headlamps of this series not only suitable as a halogen headlamp replacement, but also as the perfect solution for applications that require more light. The new HELLA VALUEFIT work lamp series is also equipped with a thermal sensor that adapts to the ambient temperature. This new feature not only prevents overheating or LED failure, but also increases light output when the ambient temperature is low. In this way the user is given the optimum light under all conditions. This means that even the very compact TS1700 / TR1700 can achieve an impressive light output of up to 2,000 lumen in cold environments, making it the most powerful HELLA VALUEFIT work lamp of this size. And the TS3000 / TR3000 can reach up to 4,800 lumen in cold environments courtesy of this new technology.

This is particularly advantageous at night, when it is dark and therefore also colder, as the lighting is adapted to the ambient temperature. In cold regions, where cover lenses are often iced up or snowed in, the stronger light can, for example, penetrate the lens better and the heat emitted causes the ice to melt more quickly. In environments that tend to be warmer and usually brighter, the work lamp then automatically dims down, extending the lifetime of the LEDs.

LED work lamps are also completely maintenance-free and offer a significantly longer lifetime than the bulb of a halogen headlamp. From the TS1700 series, reverse lamp variants are also available in accordance with ECE-R23.

The HELLA VALUEFIT products are safe and reliable and enable a cost-effective changeover to LED technology.

HELLA

TECHNICAL DETAILS
TS1700

Technical Data

Variant	Work lamps	Reverse lamps
Operating voltage	Multi-voltage (10 – 30 V)	
Rated voltage	12 V/ 24 V	
Power consumption	24 W	
Light output	1,700 lm	
Light source	4 LEDs	
Colour temperature	5,700 K	
Material	Housing: Aluminium	
Protection class	IP 6K7, IP 6K9K	
Type approval	ECE-R23	
EMC protection	ECE-R10	
Mounting	Upright and pendant	
Recommended angle of inclination	15°	52°

Dimensional sketch

70.5   41
95   85

1.000 lm	+50 °C
1.700 lm	+25 °C
2.000 lm	-40 °C
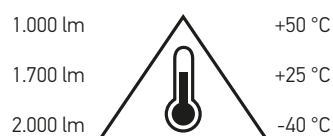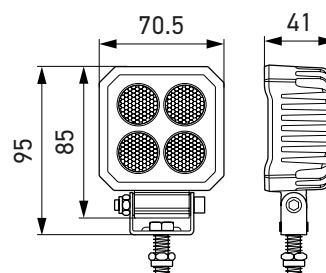
TECHNICAL DETAILS
TR1700

Technical Data

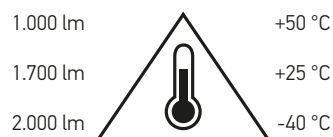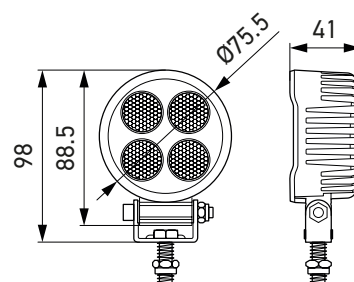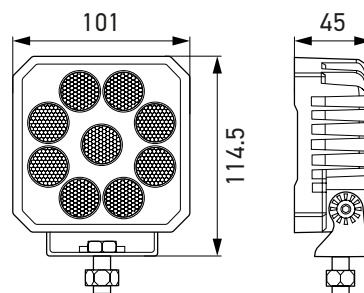| Operating voltage	Multi-voltage (10 – 30 V)
Rated voltage	12 V/ 24 V
Power consumption	24 W
Light output	1,700 lm
Light source	4 LEDs
Colour temperature	5,700 K
Material	Housing: Aluminium
Protection class	IP 6K7, IP 6K9K
EMC protection	ECE-R10
Mounting	Upright and pendant
Recommended angle of inclination	15°

Dimensional sketch

Ø75.5   41
98   88.5

1.000 lm	+50 °C
1.700 lm	+25 °C
2.000 lm	-40 °C

TECHNICAL DETAILS
TS3000

Technical Data

Operating voltage	Multi-voltage (10 – 30 V)
Rated voltage	12 V/ 24 V
Power consumption	31 W
Light output	3,000 lm
Light source	9 LEDs
Colour temperature	5,700 K
Material	Housing: Aluminium
Protection class	IP 6K7, IP 6K9K
EMC protection	ECE-R10
Mounting	Upright and pendant
Recommended angle of inclination	15°

Dimensional sketch

101
45
114.5

2.300 lm		+50 °C
3.000 lm		+25 °C
4.800 lm		-40 °C

TECHNICAL DETAILS
TR3000

Technical Data

|	
Operating voltage	Multi-voltage (10 – 30 V)
Rated voltage	12 V/ 24 V
Power consumption	31 W
Light output	3,000 lm
Light source	9 LEDs
Colour temperature	5,700 K
Material	Housing: Aluminium
Protection class	IP 6K7, IP 6K9K
EMC protection	ECE-R10
Mounting	Upright and pendant
Recommended angle of inclination	15°

Dimensional sketch

Ø109
45
120

2.300 lm		+50 °C
3.000 lm		+25 °C
4.800 lm		-40 °C

PROGRAM OVERVIEW

Product Image	Variant	Product Name	Illumination	Connection	Weight	Part Number
		TS1700	Close-range illumination	800 mm cable, open cable ends	300 g	**1GA 357 110-002**
				3,000 mm cable, open cable ends	400 g	**1GA 357 110-012**
		TR1700	Close-range illumination	800 mm cable, open cable ends	300 g	**1G0 357 111-002**
	Work lamps	TS3000	Close-range illumination	800 mm cable, open cable ends	550 g	**1GA 357 112-002**
				3,000 mm cable, open cable ends	650 g	**1GA 357 112-012**
		TR3000	Close-range illumination	800 mm cable, open cable ends	550 g	**1G0 357 113-002**
	Reverse lamp	TS1700	Close-range illumination	200 mm cable, open cable ends	276 g	**2ZR 357 110-501**
				3,000 mm cable, open cable ends	400 g	**2ZR 357 110-511**
				200 mm cable with DEUTSCH DT connector	282 g	**2ZR 357 110-521**
				200 mm cable with AMP SUPERSEAL	282 g	**2ZR 357 110-531**

LIGHT DISTRIBUTION
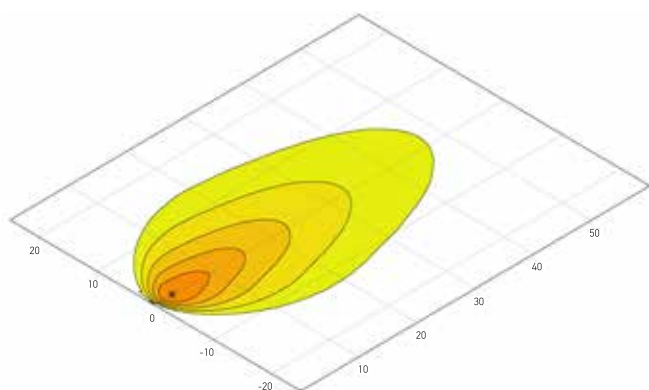
TS1700 / TR1700 – Close-range illumination
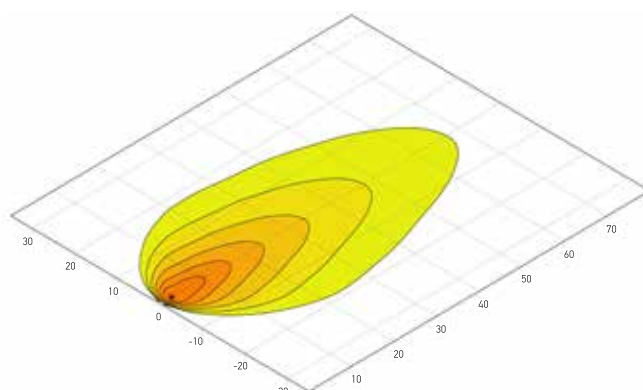
TS3000 / TR3000 – Close-range illumination

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