

FLAT LED

INGENIOUSLY INTEGRATED LED TECHNOLOGY.

It has practically become essential for the luminaires integrated in the increasingly compact machines to be small and powerful. This is precisely why Waldmann developed the FLAT LED: Its 6 LEDs provide optimum area light in spite of their compressed construction and low integration depth.

- Compact
- Constantly high lighting quality in the long term
- For strong, wide-range and even lighting
- Direct connection to 24 V without additional components
- No surface that is subject to the bombardment of chips
- Resistance-tested with many cooling agents and lubricants
- High system of protection
- Maintenance-free: LED life of up to 50,000 hours and more
- For tough application conditions

LED

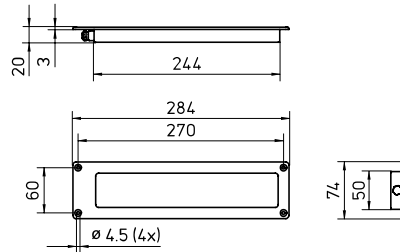




Integrated machine luminaires

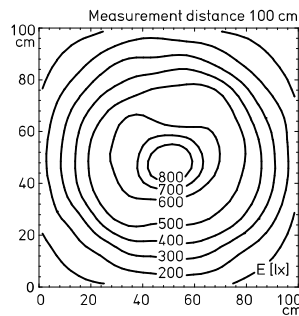


efficient *light*



Features at a glance

- 6 x HIGH POWER LED
- Color temperature daylight white 6,500 K
- 60° angle of illumination
- Black aluminum anodized housing, 4 mm thick safety glass
- Integration in recess with screws
- Without switch
- System of protection IP67 and IPX9K in accordance with DIN 40050-9; class of protection III
- Supplied with 3 m mains lead and free stranded wires
- Driver to connect to the mains voltage as an accessory



Illuminance 13 W

10 – 40 VDC						
CONSUMPTION	OPERATING DEVICE	DIMENSIONS	SPECIAL FEATURE	E_m / E_{max}^*	MODEL	ORDER NO.
13 W	–	284 x 74 mm	–	347/869 lx ¹	MYEL 6 S	112 560 001 - 000 031 66
10 – 30 VAC						
CONSUMPTION	OPERATING DEVICE	DIMENSIONS	SPECIAL FEATURE	E_m / E_{max}^*	MODEL	ORDER NO.
13 W	–	284 x 74 mm	–	347/869 lx ¹	MYEL 6 S	112 560 003 - 000 062 73

* E_m = medium illuminance; E_{max} = maximum illuminance; ¹ Measuring range 100 cm x 100 cm / Measuring distance 100 cm
 Also available as a surface-mounted luminaire

FLAT LED

LED MEETS THE ART OF ENGINEERING.

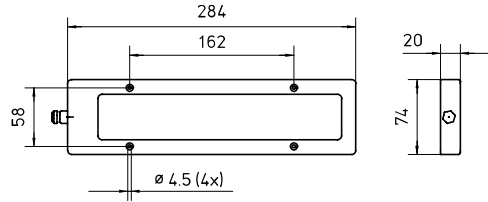


It's not possible to integrate a luminaire in the machine wall? In such cases, FLAT LED provides a convincing solution. To avoid significantly changing the interference contour, even in compact workrooms, this luminaire compresses the maximum luminous power in the flattest possible space: With a combination of six HIGH POWER LEDs and Waldmann's special lens technology, which evenly disperses the beam over an entire area.

- Constantly high lighting quality in the long term
- For strong, wide-range and even lighting
- Excellent glare-free features
- Direct connection to 24 V without additional components
- For tough application conditions
- High system of protection
- Resistance-tested with many cooling agents and lubricants
- Maintenance-free: LED life of up to 50,000 hours and more



efficient *light*



Integrated machine luminaires

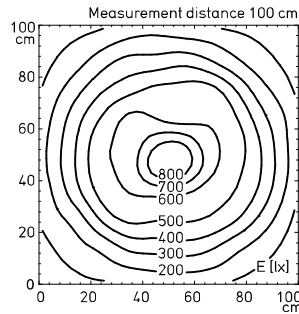


Surface-mounted luminaires



Features at a glance

- 6 x HIGH POWER LED
- Color temperature daylight white 6,500 K
- 60° angle of illumination
- Black aluminum anodized housing, 4 mm thick safety glass
- Screw-mounted
- Without switch
- System of protection IP67 and IPX9K in accordance with DIN 40050-9; class of protection III
- Supplied with 3 m mains lead and free stranded wires
- Bracket angle to adjust the luminaire and driver to connect to the mains voltage as accessories



Illuminance 13 W

10 – 40 VDC							cETLus
CONSUMPTION	OPERATING DEVICE	DIMENSIONS	SPECIAL FEATURE	E_m/E_{max}^*	MODEL	ORDER NUMBER	
13 W	–	284 x 74 mm	–	347/869 lx ¹	MYAL 6 S	112 560 000 - 000 030 69	

10 – 30 VAC						
CONSUMPTION	OPERATING DEVICE	DIMENSIONS	SPECIAL FEATURE	E_m/E_{max}^*	MODEL	ORDER NUMBER
13 W	–	284 x 74 mm	–	347/869 lx ¹	MYAL 6 S	112 560 002 - 000 062 72

* E_m = Medium illuminance; E_{max} = Maximum illuminance; ¹ Measuring range 100 cm x 100 cm / Measuring distance 100 cm
 Also available as an integrated machine luminaire