

WBL/WBS | ABL/ABS Flashing Lights



Powerful
Extremely bright and highly visible flashing strobe light for signaling in large manufacturing areas and warehouses as well as outdoor spaces.

Robust and reliable
With corrosion resistant anodised aluminum housing and mounting bracket, as well as a high strength polycarbonate lens, the signal light is ideal for tough industrial requirements.

Flash tube
Xenon strobe generates highly visible light without sensitive filaments. A steel fixing clamp provides additional resistance to shock and vibration.

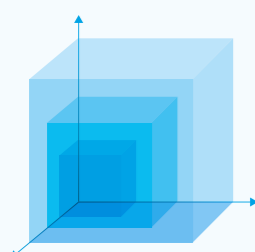
IP 54 enclosure rating
Suitable for use in all weather conditions due to the provided protection against driving rain, snow, ice, and dust.

GL
Germanischer Lloyd approved versions available for maritime applications and areas prone to high shock and vibration conditions.

Integrated fault-monitoring
Optional version WBL-M with integrated fault-monitoring relay for enhanced human safety applications such as with x-ray and laser equipment.



3D-Coverage performance data, A x B x C



WBL/WBS

Indicate	63 x 62.1 x 62.1 m
Warn	28 x 27.6 x 27.6 m
Alarm	14 x 13.8 x 13.8 m

ABL/ABS

Indicate	127.8 x 160.2 x 160.2 m
Warn	56.8 x 71.2 x 71.2 m
Alarm	28.4 x 35.6 x 35.6 m

Coverage area according to the applications „Indicate“, „Warn“ and „Alarm“ (EN 54-23) with clear lens. To determine the exact signaling area for your needs, please use the online available Pfannenberg Sizing Software PSS.

FLASHING LIGHTS

IP 54
protection system

+55 °C
-40 °C
operating temperatures (WBL/WBS | ABL/ABS)

+55 °C
-20 °C
operating temperatures (WBL-M)



PRODUCT		WBL	WBS	WBL-M	ABL	ABS
ARTICLE NO.	●	21003103000	21003803000	21003103156	21001103000	21001803000
ARTICLE NO.	●	21003104000	21003804000	on request	21001104000	21001804000
ARTICLE NO.	●	21003105000	21003805000	21003105156	21001105000	21001805000

DATA	
Light source	xenon flash tube
Operating range	185–255 V
	AC 50 60 Hz
Nominal current consumption	0.07 A
	0.25 A
Max. switching voltage	250 V AC
Flash energy and flash rate	5 J @ 1 Hz = 60 flashes/min
Light intensity (DIN 5037) ¹	61 cd
Max. viewing distance	181 m
Operating temperature	-40 ... +55 °C
Protection system according to EN 60529	IP 54
Service life of light source	light emission still 70 % after 8,000,000 flashes
Material	lens
	housing
	base
Dimensions (X x Y)	54 x 200 mm

¹ with a clear lens



Models with alternative features available upon request

ABL/ABS WBL/WBS in 115 V AC and other operating voltages like 127 110 48 42 24 V AC or 110 60 48 36 12 V DC.	Choice of lens colours: clear white yellow amber red green blue.	WBL-M with 42 V AC supply.	WBS-M with 12 24 48 V DC supply.	WBL-PX – WBL with inrush current limitation below 6 A for only 110 µs.	DWBL/DWBS – 2.5 Joule, 54 mm diameter aluminium enclosure.	Versions with 30 45 90 120 flashes per minute.
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