

Diana Light A55 Surface Mounted Light

Diana Leuchten A55 Surface Mounted Light

Surface-mounted luminaires from the A55 series: an extremely slim design

Area of applications:

Machining centers, CNC machines, Lathes, Printing machines, Erosion machines, Damp room lighting, Surface grinding machines, Milling machines, Track building machines, Woodworking machines, Industrial washing machines, Cold rooms, Plastics processing, Machine lighting, Machine room lighting, Metalworking, Micro precision machines, Polishing machines, Pool lighting, Production equipment, High pollution test benches, Railway, Switch cabinets, Grinding machines, Cabinet lighting, Special vehicles, Special machines, Injection molding machines, Punching automation, Textile machines, Tunnel lighting, Packaging machines, Showcase lighting, Machine tools

Industries:

Agriculture, plant engineering, automation, automotive, printing, electronics, electrical engineering, wood industry, industry, industrial image processing, aviation, mechanical engineering, medicine, quality assurance, railway, space travel, robotics, sa, special mechanical engineering, textile industry, transport & logistics, traffic, packaging industry.

Highlights:

- Optimal combination of brightness, performance, design & production class
- Extremely resilient
- Different lengths selectable
- High protection class IP68
- Resistant to most common coolants and lubricants
- No glare due to diffuser
- No multiple shadow
- Flicker-free illumination
- Luminous efficacy 150 lm/W
- UL US LISTED low voltage luminaire E503650

Specifications:

- **Operating voltage 22-28 VDC**
- Operating temperature -20 °C up to +40°C
- Connection M12 plug
- Protection IP68
- Protection Class III and risk group 0
- Width 55 mm and height 20 mm
- Material Anodized aluminium, tempered float glass
- Material Anodized aluminium, acrylic glass
- Light color standard 5.000 K White
- Lifetime >60.000 hour
- Optional dimmable on request

Version with Acrylic Glass and anodized aluminium:

Article No.	Description	Lumen	Colour Kelvin	Beam angle	Power	Length in mm
	LMA0743-0WW0C	1.050	5.000K	120°	7 W	165 mm
	LMA0743-0WW2C	1.950	5.000K	120°	13 W	300 mm
	LMA0743-0WW3C	3.750	5.000K	120°	25 W	550 mm

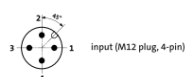
Version with Tempered Float Glass and anodized aluminium:

Article No.	Description	Lumen	Colour Kelvin	Beam angle	Power	Length in mm
	LMA0743-0WW0A	1.050	5.000K	120°	7 W	165 mm
	LMA0743-0WW2A	1.950	5.000K	120°	13 W	300 mm
	LMA0743-0WW3A	3.750	5.000K	120°	25 W	550 mm

Diana Leuchten Connection Cables 3- wire M12:

Article No.	Description	Shape plug	Length mm
83DN70012357	ZKBM12G-0203A	Straight	2.000 mm
83DN70012266	ZKBM12G-0503A	Straight	5.000 mm
83DN70012371	ZKBM12G-1003A	Straight	10.000 mm

Article No.	Description	Shape plug	Length mm
83DN70012372	ZKBM12W-0203A	Angled	2.000 mm
83DN70012373	ZKBM12W-0503A	Angled	5.000 mm
83DN70012374	ZKBM12W-1003A	Angled	10.000 mm



Diana Leuchten Plugged Power supplies M12 plug

Article No.	Description	Input voltage	Output voltage	Power	Output Current
	MVS0596-2402B	90-264Vac (47-63 Hz)	24 V	25 W	0-2,5 A
	MVS0822-2401B	90-264Vac (47-63 Hz)	24 V	60 W	0-2,5 A



Diana Leuchten DIN Rail Power supplies:

Area of applications:

Power supply of high-power light-emitting diodes and driver units for machine, camera and architectural lighting applications

Article No.	Description	Input voltage	Output voltage	Power	Output Current	Efficiency	Operating temperature
	MVH0513-02424	85-264Vac (47-63 Hz)	24 V	24 W	0-1 A	1%	-20 ... +70° C
	MVH0513-06024	85-264Vac (47-63 Hz)	24 V	60 W	0-1 A	1%	-40 ... +85° C
	MVH0513-12024	90-264Vac (47-63 Hz)	24 V	120 W	0...5 A	1%	-40 ... +85° C
	MVH0513-24024	90-264Vac (47-63 Hz)	24 V	240 W	0...10 A	1%	-40 ... +85° C

