

# Diana Light Q40 Surface Mounted Light

## Diana Leuchten Q40 Surface Mounted Light

Surface-mounted luminaires from the Q40 series: the new LED masterpiece!



### 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:

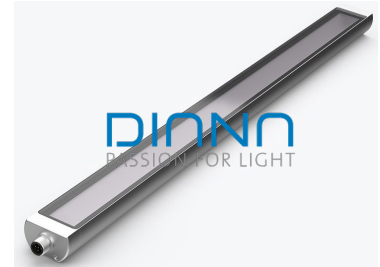
Agriculture, plant engineering, automation, automotive, printing, electronics, electrical engineering, wood industry, industry, industrial image processing, aviation, mechanical engineering, medicine, quality assurance, railway, space travel, robotics, sa, special mechanical engineering, textile industry,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

### Highlights:

- Homogeneous and large area illumination
- Extremely resilient
- Dimmable on request
- Different lengths selectable
- High protection class IP67
- Resistant to most common coolants and lubricants
- No glare due to diffuser
- No multiple shadow
- Flicker-free illumination
- Luminous efficacy 150 lm/W

### Specifications:

- **Operating voltage 22-28 VDC**
- Operating temperature -20 °C up to +40°C
- Connection M12 plug
- Protection IP67
- Protection Class III
- Risk group 0
- Diameter 40 mm
- Material Anodized aluminium, tempered float glass
- Light color standard 5.000 K White
- Lifetime >60.000 hour
- Not dimmable



Article No.	Description	Lumen	Colour Kelvin	Beam angle	Power	Length in mm
	Q40 LMA0850-0WQAA	1.200	5.000K	100°	8 W	190 mm
	Q40 LMA0850-0WQBA	1.800	5.000K	100°	12 W	280 mm
	Q40 LMA0850-0WQCA	2.400	5.000K	100°	16 W	365 mm
	Q40 LMA0850-0WQDA	3.600	5.000K	100°	24 W	540 mm
	Q40 LMA0850-0WQEA	4.800	5.000K	100°	32 W	715 mm
	Q40 LMA0850-0WQFA	7.200	5.000K	100°	48 W	1040 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



## Diana Leuchten Mounting Bracket for Q40:

Article No.	Description
	Mounting Bracket set 30 mm for Q40 LED Luminaires ZMH00-W850F



## 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



# Diana Light Q40-C Surface Mounted Light

## Diana Leuchten Q40-C Surface Mounted Light



Surface-mounted luminaires from the Q40 series: the new LED masterpiece!

### 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:

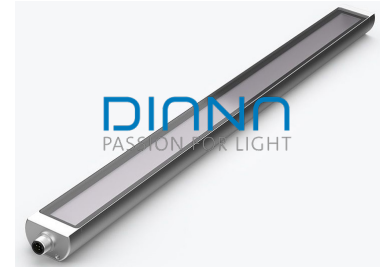
Agriculture, plant engineering, automation, automotive, printing, electronics, electrical engineering, wood industry, industry, industrial image processing, aviation, mechanical engineering, medicine, quality assurance, railway, space travel, robotics, sa, special mechanical engineering, textile industry,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

### Highlights:

- Homogeneous and large area illumination
- Light intensity and soft on/off feature configurable via smartBOX
- Extremely resilient
- Dimmable on request
- Different lengths selectable
- High protection class IP67
- Resistant to most common coolants and lubricants
- No glare due to diffuser
- No multiple shadow
- Flicker-free illumination
- Luminous efficacy 150 lm/W
- ON/OFF interface for load-free switching
- Increased service life with ECO mode

### Specifications:

- **Operating voltage 22-28 VDC**
- Operating temperature -20 °C up to +40°C
- Connection M12 plug
- Protection IP67
- Protection Class III
- Risk group 0
- Diameter 40 mm
- Material Anodized aluminium, tempered float glass
- Light color standard 5.000 K White
- Lifetime >60.000 hour
- Dimmable optional via smartBOX



Article No.	Description	Lumen	Colour Kelvin	Beam angle	Power	Length in mm
	Q40 LMA0850-CWQAA	1.200	5.000K	100°	8 W	190 mm
	Q40 LMA0850-CWQBA	1.800	5.000K	100°	12 W	280 mm
	Q40 LMA0850-CWQCA	2.400	5.000K	100°	16 W	365 mm
	Q40 LMA0850-CWQDA	3.600	5.000K	100°	24 W	540 mm
	Q40 LMA0850-CWQEA	4.800	5.000K	100°	32 W	715 mm
	Q40 LMA0850-CWQFA	7.200	5.000K	100°	48 W	1040 mm



### Diana Leuchten Connection Cables 4-wire M12:

Article No.	Description	Shape plug	Length mm
	ZKBM12G-0204A	Straight	2.000 mm
	ZKBM12G-0504A	Straight	5.000 mm
	ZKBM12G-1004A	Straight	10.000 mm



### Diana Leuchten Mounting Bracket for Q40:

Article No.	Description
	Mounting Bracket set 30 mm for Q40 LED Luminaires ZMH00-W850F



### Diana Leuchten smartBOX for Q40-C:

55x15x75mm WxHxL, material: anodized aluminium

Article No.	Description
	SmartBOX for Q40-C LED luminaires MID0806-0850A

### 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



# Diana Light Q40-D Surface Mounted Light

## Diana Leuchten Q40-D Surface Mounted Light

Surface-mounted luminaires from the Q40 series: the new LED masterpiece!



### 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:

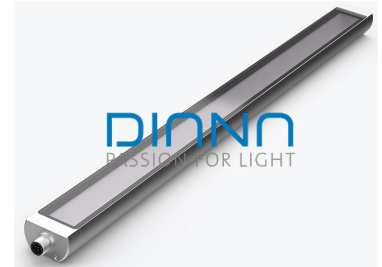
Agriculture, plant engineering, automation, automotive, printing, electronics, electrical engineering, wood industry, industry, industrial image processing, aviation, mechanical engineering, medicine, quality assurance, railway, space travel, robotics, sa, special mechanical engineering, textile industry,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

### Highlights:

- Homogeneous and large area illumination
- Extremely resilient
- Dimmable on request
- Different lengths selectable
- High protection class IP67
- Resistant to most common coolants and lubricants
- No glare due to diffuser
- No multiple shadow
- Flicker-free illumination
- Luminous efficacy 150 lm/W
- ON/OFF interface for load-free switching

### Specifications:

- **Operating voltage 22-28 VDC**
- Operating temperature -20 °C up to +40°C
- Connection M12 plug
- Protection IP67
- Protection Class III
- Risk group 0
- Diameter 40 mm
- Material Anodized aluminium, tempered float glass
- Light color standard 5.000 K White
- Lifetime >60.000 hour
- Dimmable



Article No.	Description	Lumen	Colour Kelvin	Beam angle	Power	Length in mm
	Q40 LMA0850-DWQAA	1.200	5.000K	100°	8 W	190 mm
	Q40 LMA0850-DWQBA	1.800	5.000K	100°	12 W	280 mm
	Q40 LMA0850-DWQCA	2.400	5.000K	100°	16 W	365 mm
	Q40 LMA0850-DWQDA	3.600	5.000K	100°	24 W	540 mm
	Q40 LMA0850-DWQEA	4.800	5.000K	100°	32 W	715 mm
	Q40 LMA0850-DWQFA	7.200	5.000K	100°	48 W	1040 mm



### Diana Leuchten Connection Cables 4-wire M12:

Article No.	Description	Shape plug	Length mm
	ZKBM12G-0204A	Straight	2.000 mm
	ZKBM12G-0504A	Straight	5.000 mm
	ZKBM12G-1004A	Straight	10.000 mm



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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

