LED industrial articulated luminaire

GSL

LED articulated luminaire for industrial workplaces - bright, durable, Made in Germany.



COLOUR RENDERING
CRI > 80

LIGHT COLOUR
4,000 / 5,000 K

ILLUMINANCE
up to 4,500 lx
at 50 cm

SERVICE LIFE
72,000 h

Head length 300 mm

> 1,500 lm · 2,100 lx · 8 W



GSL	
4,000 K	GSL8.840S
5,000 K	GSL8.850S

Head length 350 mm

> 2,000 lm · 3,000 lx · 12 W



GSL	
4,000 K	GSL12.840sd
5,000 K	GSL12.850sd

Head length 445 mm

> 3,000 lm · 4,100 lx · 18 W



GSL	
4,000 K	GSL18.840sd
5,000 K	GSL18.850sd

Head length 585 mm

> 4,000 lm · 4,500 lx · 24 W



GSL	
4,000 K	GSL24.840sd
5,000 K	GSL24.850sd

Technical data

Values per head length. Values shaded grey apply to every version, otherwise they depend on the version.

	HEAD LENGTH **300 mm** 8 W	HEAD LENGTH **350 mm** 12 W	HEAD LENGTH **445 mm** 18 W	HEAD LENGTH **585 mm** 24 W
Item no. per version				
4,000 K	GSL8.840S	GSL12.840sd	GSL18.840sd	GSL24.840sd
5,000 K	GSL8.850S	GSL12.850sd	GSL18.850sd	GSL24.850sd
Light				
Luminous flux	> 1,500 lm	> 2,000 lm	> 3,000 lm	> 4,000 lm
Illuminance (50 cm)	2,100 lx	3,000 lx	4,100 lx	4,500 lx
Colour temperature	neutral white (4000 Kelvin) / neutral white (5000 Kelvin)			
Colour rendering	CRI > 80 (typ. 84)			
Dimming	non-dimmable	1-100 % stepless	1-100 % stepless	1-100 % stepless
Power	8 W	12 W	18 W	24 W
Design & material				
Dimensions of luminaire head (L × W × H)	300 × 111 × 35.5 mm	350 × 111 × 35.5 mm	445 × 111 × 35.5 mm	585 × 111 × 35.5 mm
Weight	2.8 kg	3.1 kg	3.3 kg	3.5 kg
Colour	Silver grey RAL 9006			
Housing material	Aluminium, luminaire head natural anodised			
LED cover	Micro-prism diffuser plus additional high-tech diffuser film (reversible for two different degrees of diffusion)			
Arm length	380 + 415 mm			
Joint type	Friction-joint arm			
Technology				
Supply voltage	220-240 V / 50-60 Hz			
Service life	72,000 h (L80/B10)			
Protection class	IP 20			
Risk group	RG 0			
Operation				
Switch	Switch in the articulated arm (ON/OFF)	Multifunction button in the arm (ON/OFF/DIM)	Multifunction button in the arm (ON/OFF/DIM)	Multifunction button in the arm (ON/OFF/DIM)

Highlights

FRICTION-JOINT ARM

380 + 415 mm
Upper and lower arm

360°
rotatable at the base

The friction joints hold the arm in any position.

LED SERVICE LIFE

72,000 h

Calculated 36 years at 8 hours on 250 working days per year.

Aluminium joints

More robust and durable than plastic joints.

Less glare

Micro-prism diffuser plus additional high-tech diffuser film (reversible for two different degrees of diffusion).

Bright and flicker-free

High illuminance that is easy on the eyes.

Precise light alignment

Tilt and rotate the luminaire head into the desired direction at the head joint.

Low heat build-up

No heat load in the direction of light output, the luminaire stays cool.

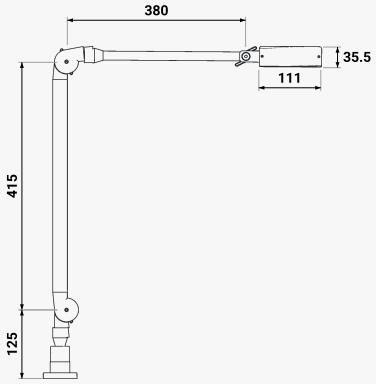
Versatile mounting

Screw-on flange included; table base, table clamp and wall bracket available as accessories.

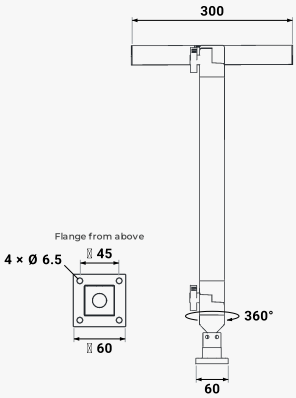
Dimensions

All dimensions in mm.

SIDE VIEW

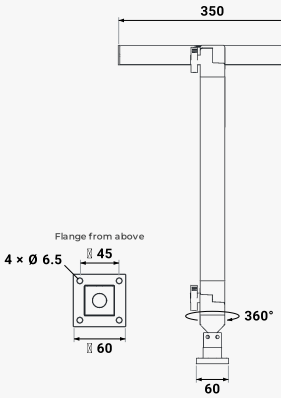


HEAD LENGTH 300 MM · 8 W



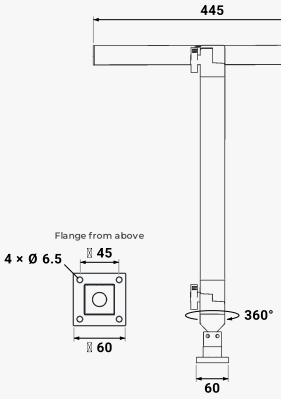
HEAD (L × W × H)	WEIGHT
300 × 111 × 35.5 mm	2.8 kg

HEAD LENGTH 350 MM · 12 W



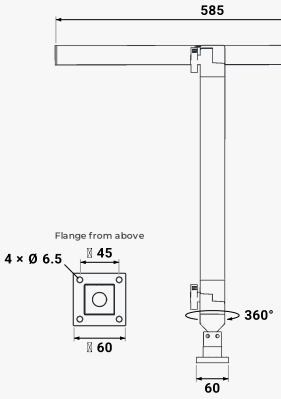
HEAD (L × W × H)	WEIGHT
350 × 111 × 35.5 mm	3.1 kg

HEAD LENGTH 445 MM · 18 W



HEAD (L × W × H)	WEIGHT
445 × 111 × 35.5 mm	3.3 kg

HEAD LENGTH 585 MM · 24 W



HEAD (L × W × H)	WEIGHT
585 × 111 × 35.5 mm	3.5 kg

Accessories

Available separately.

	ITEM	ITEM NO.
	**Table base 10.5 kg · Silver**	31796 for all versions
	**Table clamp (0-44 mm) · Silver**	00395 for all versions
	**Table clamp (16-85 mm) · Silver**	00495 for all versions
	**Wall bracket · Silver**	00295 for all versions

Scope of delivery: Screw-on flange, LED light source

Contact

Questions about the industrial articulated luminaire GSL?

We advise you personally, including lighting design for your workplace.

PHONE
+49 9723 9082788

EMAIL
info@rmd-leuchten.de

ADDRESS
Zum Weiherlein 16
97509 Kolitzheim, Germany

OPENING HOURS
Mon - Fri 9:00 am - 6:00 pm (CET)

PRODUCT PAGE OPEN