

**BEGA****51 062.1**

Track spotlight for indoor use



Project · Reference number


Date

## Product data sheet

### Application

Ceiling mounted track spotlight · indoor luminaire for 3-phase Eurostandard-Plus® track systems. The optical system of the washer is swivel-mounted and rotatable. Symmetrical wide beam light distribution. Optical diffuser filters are available as accessories for changing the light distribution. With BEGA Hybrid Optics®: Highly efficient and low-loss light distribution, thanks to reflector and optical lens.

### Product description

GENIUS Track spotlight with adapter  
Cast aluminium luminaire housing,  
finish Colour velvet white,  
Polycarbonate track adapter with integrated  
LED power supply unit  
Trim ring · Chrome finish  
Safety glass, with internal optical diffuser filter  
Optical silicone lens · BEGA Hybrid Optics®  
Reflector surface made of pure aluminium  
LED power supply unit  
220-240 V ~ 50/60 Hz  
DALI-controllable  
Basic insulation is provided between the mains  
and control cables  
Safety class II   
**CE** – Conformity mark  
Weight: 1.1 kg  
This product contains light sources of energy  
efficiency class(es) E

### Inrush current

Inrush current: 5 A / 50 µs  
Maximum number of luminaires of this  
type per miniature circuit breaker:  
B 10 A: 31 luminaires  
B 16 A: 50 luminaires  
C 10 A: 52 luminaires  
C 16 A: 85 luminaires

### Lamp

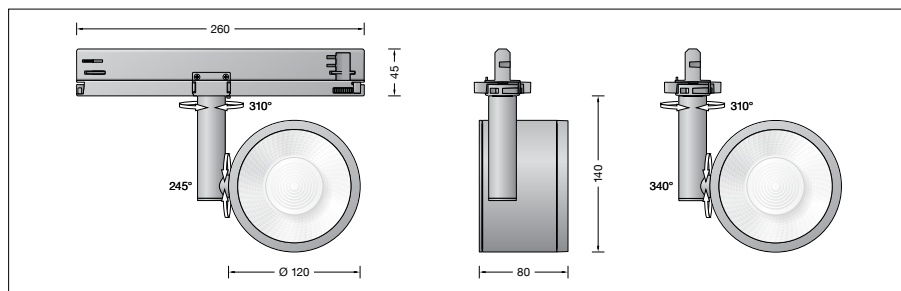
Module connected wattage 31.6 W  
Luminaire connected wattage 37.5 W  
Rated temperature  $t_a = 25^\circ\text{C}$   
Ambient temperature  $t_{a\text{ max}} = 35^\circ\text{C}$

### 51 062.1 K3

Module designation LED-0800/930  
Colour temperature 3000 K  
Colour rendering index CRI > 90  
Module luminous flux 4220 lm  
Luminaire luminous flux 2985 lm  
Luminaire luminous efficiency 79,6 lm/W

### 51 062.1 K4

Module designation LED-0800/930  
Colour temperature 4000 K  
Colour rendering index CRI > 90  
Module luminous flux 4285 lm  
Luminaire luminous flux 3031 lm  
Luminaire luminous efficiency 80,8 lm/W



### Service life · Ambient temperature

Rated temperature  $t_a = 25^\circ\text{C}$   
LED psu: > 50,000 h  
LED module: 110,000 h (L 80 B 50)

Ambient temperature max.  $t_a = 35^\circ\text{C}$  (100 %)  
LED psu: 50,000 h  
LED module: 90,000 h (L 80 B 50)

### Light technique

Track spot · surface washer with adjustable optical system.  
Optical system 0-340° swivel-mounted and  $\pm 310^\circ$  infinitely rotatable around the vertical luminaire axis.  
Wide beam rotationally symmetrical light distribution. Half beam angle  $70^\circ$   
Luminaire data for the light planning program DIALux for outdoor lighting, street lighting and indoor lighting, as well as luminaire data in EULUMDAT and IES format are available on the BEGA website at [www.bega.com](http://www.bega.com).

### Accessories · Optical diffuser filter

**13 288** Diffuser filter flat beam  
**13 312** Diffuser filter symmetrical, diffuse  
**13 311** Diffuser filter asymmetrical

For the accessories a separate instructions for use can be provided upon request.

### Article No. 51 062.1

LED colour temperature optionally 3000 K or 4000 K  
3000 K – Article number + **K3**  
4000 K – Article number + **K4**

### Optional finishes

- Velvet white
- Velvet black

Code number **.1**  
Code number **.5**