

BEGA**51 038.1**

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 filters are available as accessories for changing the light distribution. 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 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
Number of DALI addresses: 1
Basic insulation is provided between the mains and control cables
Safety class II 
CE – Conformity mark
Weight: 0.65 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 10A: 31 luminaires
B 16A: 50 luminaires
C 10A: 52 luminaires
C 16A: 85 luminaires

Lamp

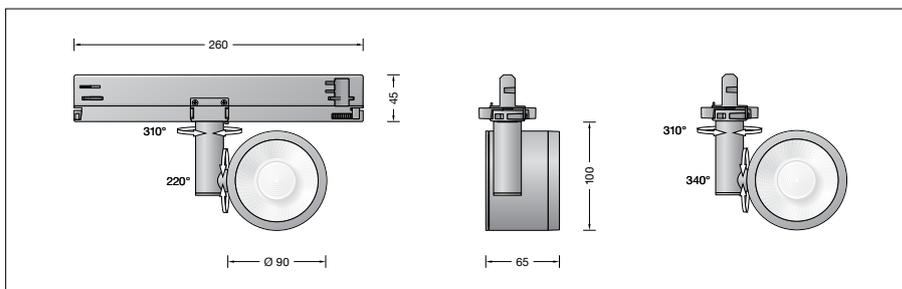
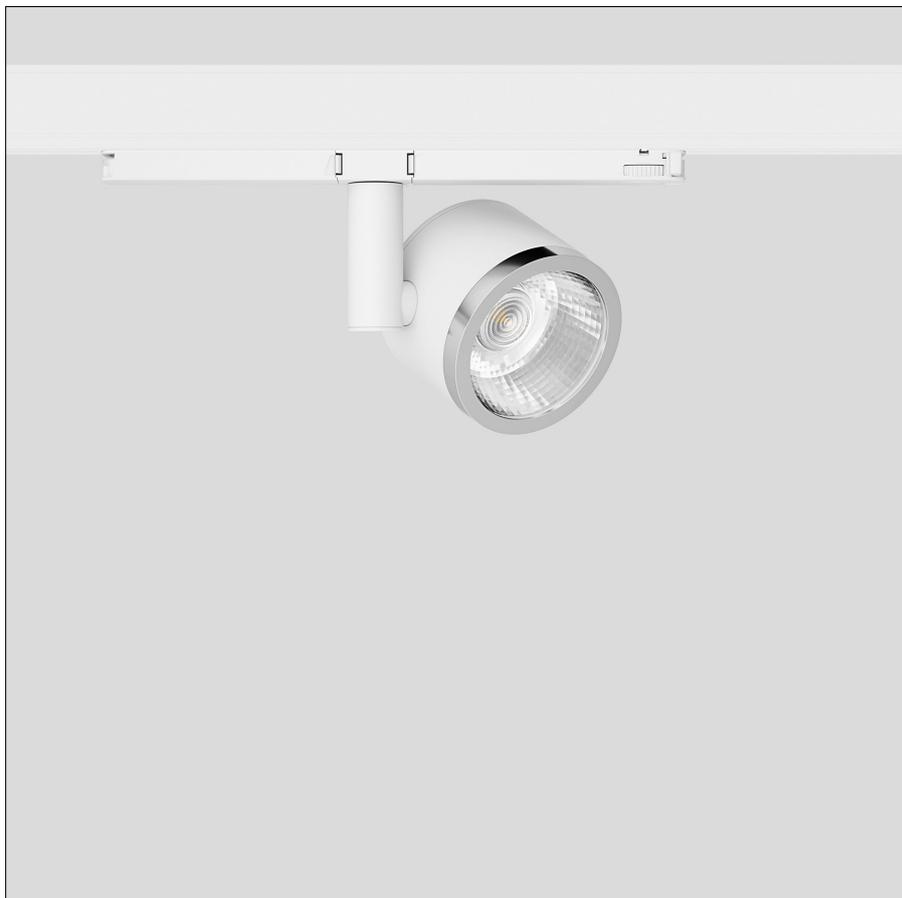
Module connected wattage 12.3 W
Luminaire connected wattage 14.5 W
Rated temperature $t_a = 25\text{ °C}$
Ambient temperature $t_{a\text{ max}} = 55\text{ °C}$

51 038.1 K3

Module designation LED-0986/930
Colour temperature 3000 K
Colour rendering index CRI > 90
Module luminous flux 1685 lm
Luminaire luminous flux 1220 lm
Luminaire luminous efficiency 84,1 lm/W

51 038.1 K4

Module designation LED-0986/940
Colour temperature 4000 K
Colour rendering index CRI > 90
Module luminous flux 1710 lm
Luminaire luminous flux 1238 lm
Luminaire luminous efficiency 85,4 lm/W



Service life · Ambient temperature

Rated temperature $t_a = 25\text{ °C}$
LED psu: > 50,000 h
LED module: 170,000 h (L 80 B 50)
50,000 h (L 90 B 50)

Ambient temperature max. $t_a = 55\text{ °C}$ (100 %)
LED psu: 50,000 h
LED module: 100,000 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 55°
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.

Accessories · Optical filters

13 287 Optical filter flat beam
13 310 Optical filter symmetrical, diffuse
13 309 Optical filter asymmetrical

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

Article No. 51 038.1

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**