

BEGA**51 067.5**

Track zoom spotlight for indoor use



Project · Reference number

Date

Product data sheet

Application

Track zoom spotlight · Indoor luminaire with adapter for 3-phase EUROSTANDARD PLUS® track systems.

The spotlight's optical system can be swivelled and rotated.

Symmetrical light distribution.

To change the light distribution, optical filters are available as accessory parts.

Changing the half beam angle between 16° and 40° by twisting the lens unit.

Product description

Track zoom spotlight with adapter

Cast aluminium luminaire housing,

finish Colour velvet black,

Polycarbonate track adapter with integrated

LED power supply unit

Optical lens made of silicate glass

Adjustable metal adapter ring with PMMA lens combination and integrated optical filter.

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: 1.1 kg

This product contains light sources of energy efficiency class(es) F

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 25.7 W

Luminaire connected wattage 29.5 W

Rated temperature $t_a = 25^\circ\text{C}$

Ambient temperature $t_{a\text{ max}} = 35^\circ\text{C}$

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Module designation LED-1145/930

Colour temperature 3000 K

Colour rendering index CRI > 90

Module luminous flux 3140 lm

Luminaire luminous flux 1660 lm

Luminaire luminous efficiency 56,3 lm/W

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Module designation LED-1145/940

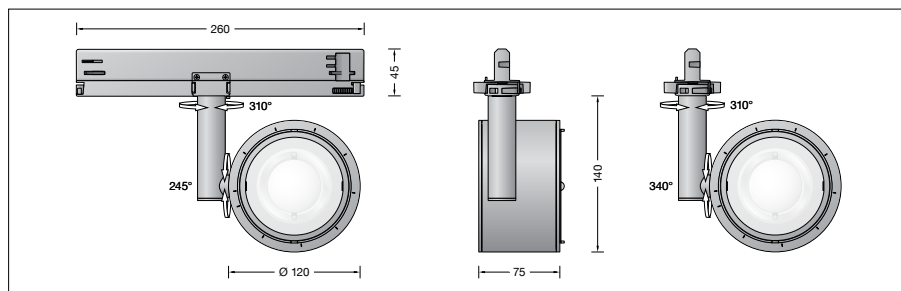
Colour temperature 4000 K

Colour rendering index CRI > 90

Module luminous flux 3300 lm

Luminaire luminous flux 1744 lm

Luminaire luminous efficiency 59,1 lm/W



Service life · Ambient temperature

Rated temperature $t_a = 25^\circ\text{C}$

LED psu: > 50,000 h

LED module: 65,000 h (L 80 B 50)

Ambient temperature max. $t_a = 35^\circ\text{C}$ (100 %)

LED psu: 50,000 h

LED module: 50,000 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 16/40°

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

13 294 flat beam

13 296 symmetrical, diffuse

13 295 asymmetrical

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

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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**