

ZESS

Last information update: Feb 2021



track mounted luminaire Ø =55 mm - Warm White - 90 CRI

Product code  
035101-11xxx3

## Technical description

Track light made of die-cast aluminium; surface powder coated in white or black; spotlight head 355° rotatable and 90° tiltable; converter integrated in the power track adapter; COB (Chip on Board) technology for maximum efficiency; no multiple shadows; energy-efficient LEDs with very good colour rendering; binning initial  $\leq 3$  MacAdam; available in the light colours 3000K and 4000K; CRI  $\geq 90$ ; min. 85% of the luminous flux after 50000 hours; high-quality, aluminium, vapour deposition coated reflector with faceted lens design; precise radiation characteristic with four different beam angles; good glare reduction due to recessed light point plane; optical attachments available as accessories; degree of protection IP 20; PC I; adapter for toolless insertion or movement on a variety of 4-phase power tracks; optionally non-dimmable or DALI-2 control

## Installation

Turn the lock lever to unlock position, press the track adaptor inside the track channel, turn the dial to and lever to lock position.

Dimension (mm)  
150 (h) x 90 (d)Colour  
Black / White, Trim options : White / Black / GoldWeight (Kg)  
0.4Mounting  
2-Wire EU standard track

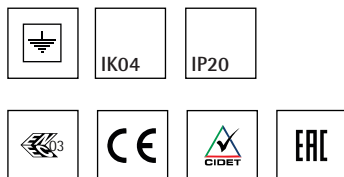
## Wiring

Product inclusive of 85-240 VAC external electronic control gear intrack ( Phase dimmable, DALI versions separately ordered ).

## Notes

Ip20 degree of protection on the product.

Complies with EN60598-1 and pertinent regulations



The lighting fixtures were designed and tested to withstand ambient temperature upto 55 degree, longer run in increased temperatures may cause damage or degradation of the luminaire.

Product configuration: 035101-3000K-CRI90

## Product characteristics

Total lighting output [Lm]: 1164

Total power [W]: 12.4

Luminous efficacy [Lm/W]: 93.8

Life Time: 35,000h - L80 - B10 (Ta 35°C)

Ambient temperature range: from -20°C to +50°C. (\*)

Voltage [V]: 220 - 240

Life Time: 45,000h - L70 - B10 (Ta 25°C)

Number of optical assemblies: 1

Power factor (pf): 0.9

\* Preliminary data, lumen output may differ according to co-relative colour temperature.

## Optical assembly Characteristics

Type 1

Light Output Ratio (L.O.R.) [%]: 91

Lamp code: CITIZEN T1203C4 30 90

ZVEI Code: LED

Nominal power [W]: 9.8

Nominal luminous [Lm]: 1280

Lamp maximum intensity [cd]: /

Beam angle [°]: N-15°/ M-24°

Number of lamps for optical assembly: 1

Ballast Efficiency [%]: 82

Ballast losses [W]: 2.6

Colour temperature [K]: 3000

CRI: 90

Current draw [mA]: 250

MacAdam Step: 3