



# Magnetic Sys

## Mag L Spotlight 12.5W 1130lm 40K 24D

Magnetic Sys, 12.5 W, 1130 lm, 4000 K, Beam angle 24°, Black

Magnetic Sys offers excellent experience for the consumer, which includes eye comfort, reliable quality and outstanding performance. Also an ideal solution for easy installation and DIY design friendly.

### Product data

| General Information      |         |
|--------------------------|---------|
| Light source replaceable | Yes     |
| Number of gear units     | 1 unit  |
| Driver included          | No      |
| Switching Cycle          | 12,500  |
| Lighting Technology      | LED     |
| Warranty period          | 1 years |

| Light Technical                    |                   |
|------------------------------------|-------------------|
| Luminous Flux                      | 1,130 lm          |
| Correlated Color Temperature (Nom) | 4000 K            |
| Luminous Efficacy (rated) (Nom)    | 90.00 lm/W        |
| Color rendering index (CRI)        | 90                |
| Light source color                 | 940 neutral white |
| Optic type                         | Beam angle 24°    |
| Luminaire light beam spread        | 24°               |

| Operating and Electrical |      |
|--------------------------|------|
| Input Voltage            | 48 V |
| Line Frequency           | - Hz |
| Input Frequency          | - Hz |

|                               |                        |
|-------------------------------|------------------------|
| Power Consumption             | 12.5 W                 |
| Power Factor (Fraction)       | -                      |
| Connection                    | Connection unit 2-pole |
| Suitable for random switching | No                     |
| Protection class IEC          | Safety class III       |

| Controls and Dimming          |                                     |
|-------------------------------|-------------------------------------|
| Dimmable                      | No                                  |
| Driver/power unit/transformer | Power supply unit external (On/Off) |
| Constant light output         | No                                  |

| Mechanical and Housing |               |
|------------------------|---------------|
| Housing Material       | Metal-Plastic |
| Reflector material     | Polycarbonate |
| Optic material         | Polycarbonate |
| Optical cover material | Polycarbonate |
| Fixation material      | Polyamide     |
| Housing Color          | Black         |
| Optical cover finish   | Textured      |
| Overall length         | 336 mm        |
| Overall width          | 22 mm         |

# Magnetic Sys

|                                     |                         |
|-------------------------------------|-------------------------|
| Overall height                      | 43 mm                   |
| Dimensions (Height x Width x Depth) | 43 x 22 x 336 mm        |
| Net weight                          | 0.23 kg                 |
| Ingress protection code             | IP20 [Finger-protected] |
| Mech. impact protection code        | IK03 [0.3 J]            |
| Net Weight (Piece)                  | 0.230 kg                |

## Approval and Application

|                           |   |
|---------------------------|---|
| Glow-wire test            | Temperature 650 °C, duration 30 s           |
| Flammability mark         | For mounting on normally flammable surfaces |
| EU RoHS compliant         | Yes   |
| Warranty                  | 3 year(s)                                   |
| EyeComfort                | Yes   |
| Ambient temperature range | -20 to +40 °C                               |

## Initial Performance (IEC Compliant)

|                         |                           |
|-------------------------|---------------------------|
| Luminous flux tolerance | +/-10%                    |
| Initial chromaticity    | (( , 0.3818, 0.3833 )) <5 |

|                             |        |
|-----------------------------|--------|
| Power consumption tolerance | +/-10% |
|-----------------------------|--------|

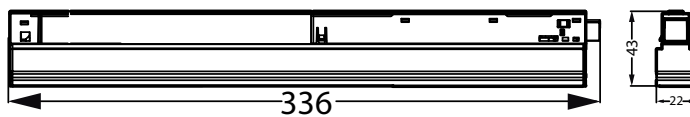
## Over Time Performance (IEC Compliant)

|                               |                |
|-------------------------------|----------------|
| Driver failure rate at 5000 h | 1.5 %          |
| Median useful life L70B50     | 25,000 hour(s) |

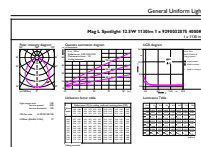
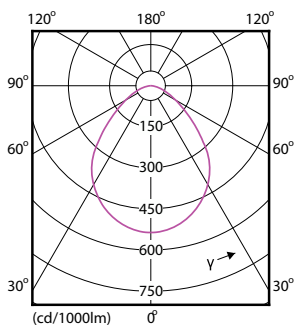
## Product Data

|                                 |                                      |
|---------------------------------|--------------------------------------|
| Order product name              | Mag L Spotlight 12.5W 1130lm 40K 24D |
| Full product name               | Mag L Spotlight 12.5W 1130lm 40K 24D |
| Full product code               | 692234195481800                      |
| Order code                      | 929003207510                         |
| Material Nr. (12NC)             | 929003207510                         |
| Numerator - Quantity Per Pack   | 1                                    |
| EAN/UPC - Product/Case          | 6922341954818                        |
| Numerator - Packs per outer box | 20                                   |
| EAN/UPC - Case                  | 6922341954825                        |

## Dimensional drawing



## Photometric data



General uniform lighting - Mag L Spotlight 12.5W 1130lm 40K 24D

Light Distribution Diagram - Mag L Spotlight 12.5W 1130lm 40K 24D

General uniform lighting - Mag L Spotlight 12.5W 1130lm 40K 24D

