LIGHTING SYSTEMS

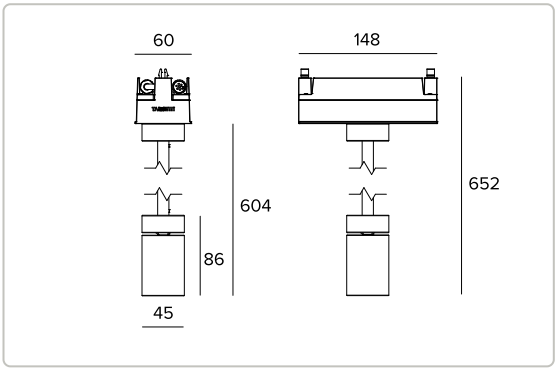
# Ivy Stem mounted projector



**Code**
## 1E4090EL

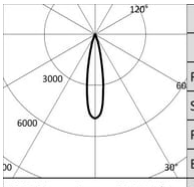
| LIGHT COLOUR | LIGHT DISTRIBUTION | OUTPUT |
|---|---|---|
| 3000K<br>90 | SP<br>21° | 7.1W<br>598lm |

| POWER SUPPLY CONTROL | COLOUR |
|---|---|
| 48Vdc | |




**The figures on the drawing are expressed in mm.**




| 3000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 21° | |
| Fixture Power | 7W | 1 | 0.38 | 3496 |
| Source Flux | 709lm | 2 | 0.75 | 874 |
| Fixture Flux | 598lm | 3 | 1.13 | 388 |
| Efficacy | 84lm/W | 4 | 1.51 | 218 |
| Imax | 3496cd | 5 | 1.89 | 140 |

## Technical Data

### Concept

Adjustable LED 1x light module with rigid suspension, powered at low voltage, to be installed into the installation profile.

### Source

| | |
|---|---|
| High efficiency Chip on Board LED Ra90. | |
| Energy efficiency class | F |
| Nominal power | 6,4W |
| Nominal flux | 709lm |
| Colour rendering index | 90 |
| Rf | 92 |
| Rg | 101 |
| CCT nominal | 3000K |
| SDCM | 3 |
| Lifetime (L80/B10) | 52000h tq +25°C |
| Lifetime (L90/B10) | 52000h tq +25°C |

TARGETTI

CCIAA Firenze
Share Capital: € 500.000,00
VAT N. (IT): 01537660480
R.E.A: FI-275656

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Due to the technological evolution of the electronic components, the data provided may be updated, and as such, confirmation must be requested during the order process.
Luminous flux and power supply have +/-10% tolerances with respect to the indicated value. tq +25°C (CIE 121).

We reserve the right to make technical changes.

## Technical Data

### Illuminotechnical characteristics

SP beam. Optic equipped with an acrylic collimator lens and integrated holographic diffusive filter.

| | |
|---|---|
| Optic | SP |
| Beam angles | SP |
| Optical efficiency | 84.35% |
| Fixture flux | 598lm |
| Luminous efficacy | 84lm/W |
| Photobiological safety | Compliant with RG1 low risk group |

### Mechanical characteristics

Cylindrical aluminium body obtained through CNC machinining process and protected with a layer of black anodization with a minimum thickness of 15µ. Tempered extra clear front glass. Aluminium joint with locking system and rigid suspension in black anodized aluminium. Adjustability of the optical unit of 90° on the vertical plane (friction locking system) and 355° on the horizontal plane with the possibility of mechanical aiming locking through no tools system. Electronic components hosted inside a polymeric plastic box sealed by a silicone rubber gasket.

| | |
|---|---|
| Colour and finish | Black anodized |
| Dimensions | AxBxH 148x60x652mm |
| Weight | 0.52Kg |
| Version | ON-OFF |
| Degree of protection | IP65 |

### Electrical characteristics

| | |
|---|---|
| Fixture Power | 7.1W |
| Power supply | 48Vdc |
| Insulation Class | CLASS 3 |
| Ambient temperature | -25°C / +35°C |

### Installation

Fast connection system of the modules through anodized aluminium clips. Free positining all over the installion profile according to installation needs with mechanical lock through Hex Key. Designed for connection in series through H05RN-F (0.15m + 0.15m) cable completed with male/female miniaturised IP65 connectors.

### Notes

Electronic ON-OFF version.

### Regulations and Certifications

CE

### Warranty

5 years.

### Warning

Luminaire designed for disposal/recycling at end-of-life. Replaceable (LED only) light source by a professional. Replaceable control gear by a professional.

## Related codes

### Power Supply



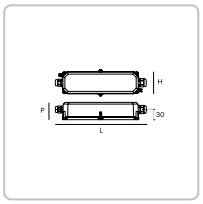
| CODE | COLOUR | DRIVER |
|---|---|---|
| 1E4169 | ● | ON-OFF |

48Vdc driver box (IP65).
L=450mm 90W.
Equipped with connection cable H05RN-F (0.15m + 0.15m) complete with male/female IP65 connectors for 220V and miniaturized female IP65 connector for 48V.



| CODE | COLOUR | DRIVER |
|---|---|---|
| 1E4175 | ● | ON-OFF |

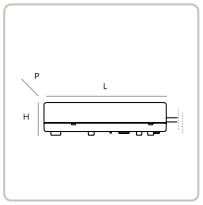
48Vdc driver box (IP65).
L=450mm 150W.
Equipped with connection cable H05RN-F (0.15m + 0.15m) complete with male/female IP65 connectors for 220V and miniaturized female IP65 connector for 48V.



| CODE | IP | OUTPUT VOLTAGE | POWER SUPPLY | POWER | LXHXP |
|---|---|---|---|---|---|
| 1E2320 | IP67 | 48Vdc | 220-240Vac | 70W | 225x51x65mm |
| 1E2321 | IP67 | 48Vdc | 220-240Vac | 150W | 225x51x65mm |

Electronic ON-OFF power supply.
Cable length 0.5m (IN and OUT).

To be completed with Connection kit 1E4184.



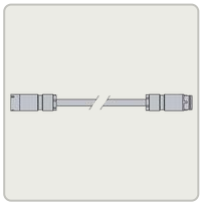
| CODE | IP | OUTPUT VOLTAGE | POWER SUPPLY | POWER | LXHXP |
|---|---|---|---|---|---|
| 1T6917EL | IP20 | 48Vdc | 220-240Vac | 60W | 225x36x60mm |
| 1T6916EL | IP20 | 48Vdc | 220-240Vac | 130W | 240x49x60mm |

Electronic ON-OFF power supply.

To be completed with Connection kit 1E4184.

## Accessories

### Cable



| CODE | L |
|---|---|
| 1E4270 | 500mm |
| 1E4181 | 1000mm |
| 1E4182 | 2000mm |
| 1E4183 | 3000mm |

Connection cable complete with male/female connectors.



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## Tool

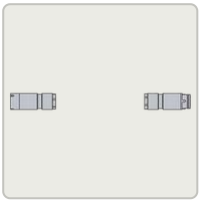


**CODE**

**1E4171**

Microscrewdriver with hexagonal head (diameter 0.9mm) for wiring 1E4184 connection kit.

## Connector



**CODE**

**1E4184**

Connection kit 24/48V.

Wire not included.
Maximum cable diameter 7.5mm.
To be used for lengths >3m.



**CODE**

**1E2769**

Linear connection box IP66/IP68.
5 poles max. wire section 1.5mm².
Cable diameter range from 7 to 12mm.

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