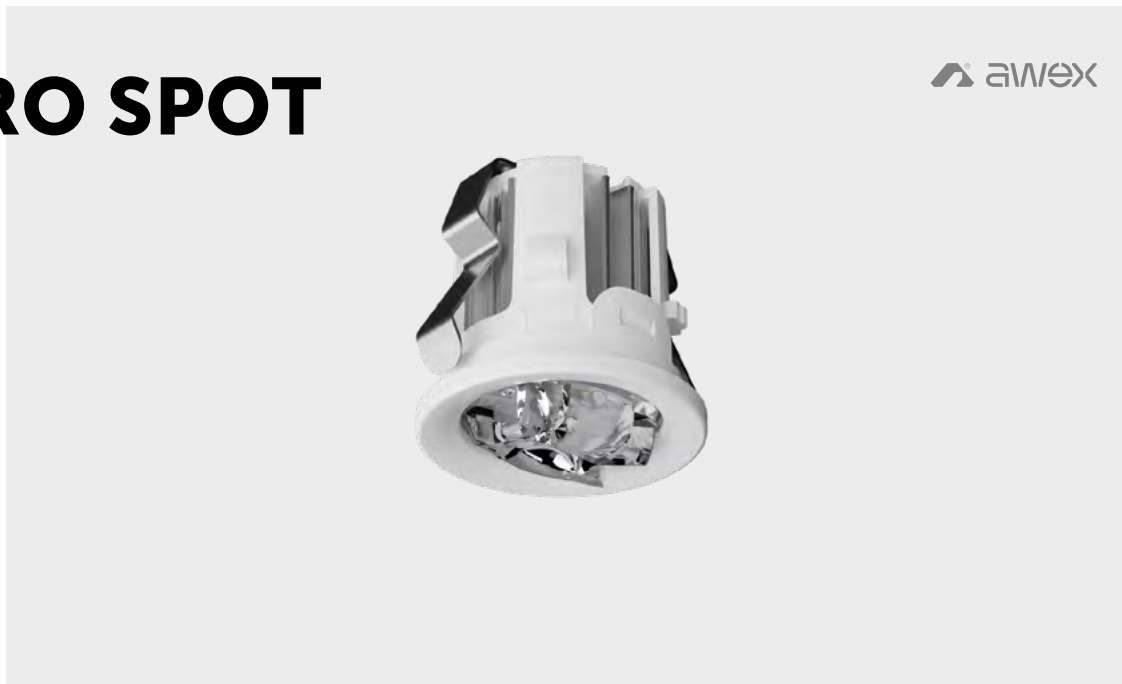


MICRO SPOT



AC
220-240V
50/60Hz

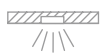
DC
176-275V

DC
48V

LED

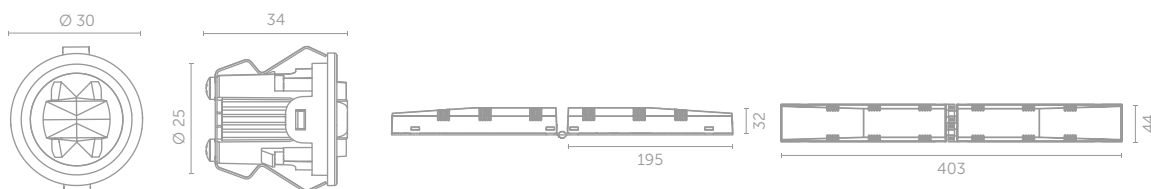
IP20

IK08



| | |
|-------------------------------|---|
| MATERIALS | White, grey or black polycarbonate body |
| MOUNTING | Recessed |
| POWER SUPPLY | Self contained – 220 - 240VAC - 50/60Hz Central battery – 220 - 240VAC - 50/60Hz; 176 - 275VDC Central battery FZLV II – 48VDC |
| LIGHT SOURCE | 1W, 2W, 3W LED Optics: U – universal • R – escape route Colour temperature: 6000K Lifetime: 50000h |
| CHARGING | Standard: max. 24h Premium: max. 12h; energy-saving electronic charger |
| AUTONOMY AND BATTERIES | Standard: 1h or 3h, Ni-Cd 3,6V batteries Premium: 1h or 3h, LiFePO ₄ 6,4V batteries |
| INSULATION CLASS | II or III |
| IP & IK RATING | IP20, IK08 |
| AMBIENT TEMPERATURE | Self-contained: t _a : 0°C ÷ 40°C Central battery: t _a : 0°C ÷ 50°C |
| OPTIONS | SE – non maintained • SA – maintained • AT – autotest • RU – Rubic UNA central monitoring • RD – DALI central monitoring • FZLV2 – central battery FZLV II 48VDC • CB – central battery |
| ADDITIONAL INFORMATION | LED indicator signalizes mains power supply and battery charge • Deep discharge protection • III class of insulation of FZLV II version • Electronic gear and battery package installed in a separate box |

DIMENSIONS [mm]



SELF-CONTAINED CONFIGURATION

| | CODE | POWER | MODULE | AUTONOMY [h] | | MODE | | | OPTIONS | | | COLOR | | |
|-----------------|------------|-------|--------|--------------|---|------|----|----|---------|----|----|-------|----|--|
| | | | | | | SE | SA | AT | X | WH | GR | BL | | |
| STANDARD | MSU MSR | 1W | E C | 1 | 3 | SE | SA | AT | X | WH | GR | BL | | |
| | | 2W | E C | 1 | 3 | SE | SA | AT | X | WH | GR | BL | | |
| | | 3W | E C | 1 | 3 | SE | SA | AT | X | WH | GR | BL | | |
| PREMIUM | MSU MSR | 1W | B | 1 | 3 | SE | SA | AT | RU | RD | WH | GR | BL | |
| | | 2W | B | 1 | 3 | SE | SA | AT | RU | RD | WH | GR | BL | |
| | | 3W | B | 1 | 3 | SE | SA | AT | RU | RD | WH | GR | BL | |

OUTPUT IN EMERGENCY MODE [lm]

| | OUTPUT [lm] | | |
|-----------------|-------------|-----|-----|
| | POWER | MSU | MSR |
| STANDARD | 1W | 170 | 165 |
| | 2W | 290 | 280 |
| | 3W | 400 | 385 |
| PREMIUM | 1W | 185 | 175 |
| | 2W | 345 | 330 |
| | 3W | 460 | 460 |

CENTRAL BATTERY CONFIGURATION - NON-ADDRESSABLE

| CODE | POWER | MODULE | SYSTEM | OPTIONS | | COLOR | | |
|------------|-------|--------|--------|---------|---|-------|----|----|
| | | | | CBS | X | WH | GR | BL |
| MSU MSR | 1W | F | CB | CBS | X | WH | GR | BL |
| | 2W | F | CB | CBS | X | WH | GR | BL |
| | 3W | F | CB | CBS | X | WH | GR | BL |

OUTPUT IN EMERGENCY MODE [lm]

| | OUTPUT [lm] | | |
|----|-------------|-----|-----|
| | POWER | MSU | MSR |
| 1W | 185 | 175 | |
| 2W | 345 | 330 | |
| 3W | 460 | 460 | |

CENTRAL BATTERY CONFIGURATION – ADDRESSABLE

| CODE | POWER | MODULE | SYSTEM | OPTIONS | | COLOR | | |
|------------|-------|--------|--------|---------|---|-------|----|----|
| | | | | ADE | X | WH | GR | BL |
| MSU MSR | 1W | Z | CB | ADE | X | WH | GR | BL |
| | 2W | Z | CB | ADE | X | WH | GR | BL |
| | 3W | Z | CB | ADE | X | WH | GR | BL |

OUTPUT IN EMERGENCY MODE [lm]

| | OUTPUT [lm] | | |
|----|-------------|-----|-----|
| | POWER | MSU | MSR |
| 1W | 185 | 175 | |
| 2W | 345 | 330 | |
| 3W | 460 | 460 | |

FZLV SYSTEM CONFIGURATION

| CODE | POWER | SYSTEM | COLOR | | |
|------------|-------|--------|-------|----|----|
| | | | WH | GR | BL |
| MSU MSR | 1W | FZLV2 | WH | GR | BL |
| | 2W | FZLV2 | WH | GR | BL |
| | 3W | FZLV2 | WH | GR | BL |

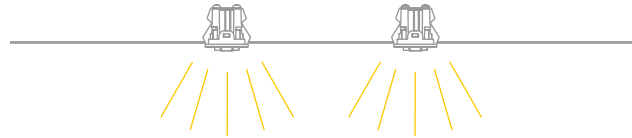
OUTPUT IN EMERGENCY MODE [lm]

| | OUTPUT [lm] | | |
|----|-------------|-----|-----|
| | POWER | MSU | MSR |
| 1W | 185 | 175 | |
| 2W | 345 | 330 | |
| 3W | 460 | 460 | |

LEGEND:

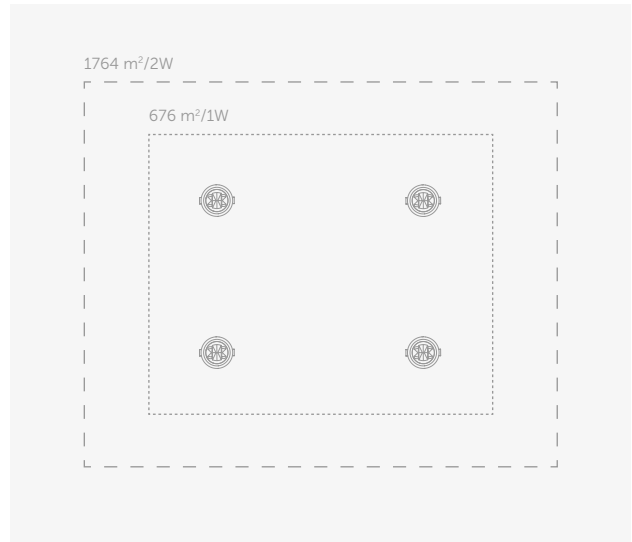
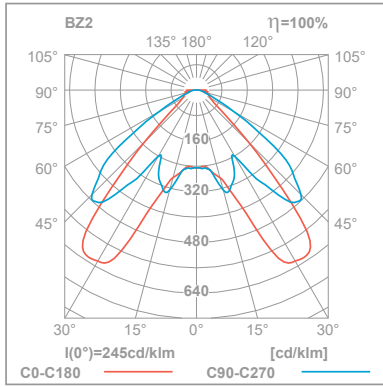
| | | | |
|------|--|-------|---|
| MSU | fixture MICRO SPOT with optic for universal uses | AT | autotest |
| MSR | fixture MICRO SPOT with optics for escape route | RU | Rubic UNA central monitoring |
| E, C | electronic gear for STANDARD self-contained fittings | RD | DALI central monitoring |
| B | electronic gear for PREMIUM self-contained fittings | FZLV2 | central battery FZLV II 48 VDC |
| F | electronic gear for central battery fittings | CB | central battery version |
| Z | electronic gear for addressable central battery fittings | CBS | central battery for circuit monitoring |
| SE | non maintained | ADE | address module for CBS 2.0 – SMART technology |
| SA | maintained | WH | white color |
| X | fitting without additional options | GR | grey color |
| | | BL | black color |

MICRO SPOT EXAMPLE OF PHOTOMETRY



Optic U for universal uses

simulation for four luminaires and min 0,5 lx (area)



Optic R for escape route

simulation for two luminaires and min 1 lx (distance)

