

# EYE LED Round



**AC**  
220-240V  
50-60Hz

**DC**  
176-275V

**DC**  
24V

**DC**  
48V

**LED**

**IP20**

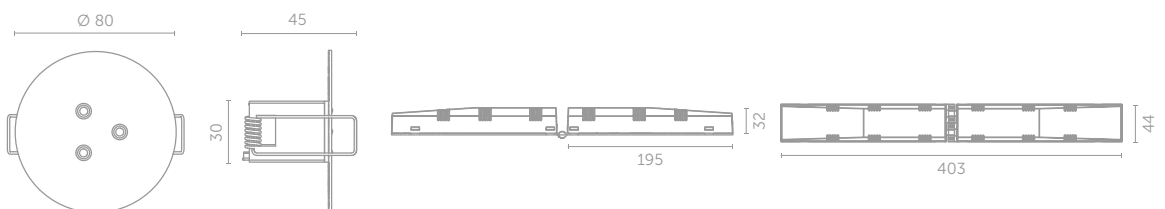
**IK08**



KM 618355  
BS-EN 60598-2-22



|                               |  |
|-------------------------------|--|
| <b>MATERIALS</b>              | Body made of stainless steel or steel painted white  |
| <b>MOUNTING</b>               | Recessed   |
| <b>POWER SUPPLY</b>           | Self contained – 220 - 240VAC/50 - 60Hz<br>Central battery – 220 - 240VAC/50 - 60Hz; 176 - 275VDC<br>Central battery FZLV II – 48VDC<br>Central battery FZLV – 24VDC   |
| <b>LIGHT SOURCE</b>           | 1W, 2W, 3W, 3x1W LED<br><b>Optics:</b> O – open area • U – universal • R – escape route • C - corridor<br><b>Colour temperature:</b> 6000K<br><b>Lifetime:</b> 50000h  |
| <b>CHARGING</b>               | <b>Standard:</b> max. 24h<br><b>Premium:</b> max. 12h; energy-saving electronic charger  |
| <b>AUTONOMY AND BATTERIES</b> | <b>Standard:</b> 1h or 3h, Ni-Cd 3,6V batteries<br><b>Premium:</b> 1h or 3h, LiFePO <sub>4</sub> 6,4V batteries  |
| <b>INSULATION CLASS</b>       | II or III  |
| <b>IP &amp; IK RATING</b>     | IP20, IK08   |
| <b>AMBIENT TEMPERATURE</b>    | <b>Self-contained:</b> t <sub>g</sub> : 0°C ÷ 40°C<br><b>Central battery:</b> t <sub>g</sub> : 0°C ÷ 50°C  |
| <b>OPTIONS</b>                | SE – non maintained • SA – maintained • AT – autotest • RU – Rubic UNA central monitoring<br>• RD – DALI central monitoring • FZLV – central battery FZLV 24VDC • FZLV2 – central battery FZLV II 48VDC • CB – central battery |
| <b>ADDITIONAL INFORMATION</b> | LED indicator signalizes mains power supply and battery charge • Deep discharge protection • III class of insulation of FZLV and FZLV II version • Electronic gear and battery package installed in a separate box             |
| <b>DIMENSIONS [mm]</b>        |  |



## SELF-CONTAINED CONFIGURATION

|          | CODE | POWER | MODULE | AUTONOMY [h] |   | MODE |    | OPTIONS |    | COLOR |    |    |
|----------|------|-------|--------|--------------|---|------|----|---------|----|-------|----|----|
|          |      |       |        |              |   |      |    |         |    |       |    |    |
| STANDARD | EYR  | 1W    | E C    | 1            | 3 | SE   | SA | AT      | X  | ST    | WH |    |
|          | EYU  | 2W    | E C    | 1            | 3 | SE   | SA | AT      | X  | ST    | WH |    |
|          | EYO  | 3W    | E C    | 1            | 3 | SE   | SA | AT      | X  | ST    | WH |    |
|          | EYC  | 3x1W  | E C    | 1            | 3 | SE   | SA | AT      | X  | ST    | WH |    |
| PREMIUM  | EYR  | 1W    | B      | 1            | 3 | SE   | SA | AT      | RU | RD    | ST | WH |
|          | EYU  | 2W    | B      | 1            | 3 | SE   | SA | AT      | RU | RD    | ST | WH |
|          | EYO  | 3W    | B      | 1            | 3 | SE   | SA | AT      | RU | RD    | ST | WH |
|          | EYC  | 3x1W  | B      | 1            | 3 | SE   | SA | AT      | RU | RD    | ST | WH |

## OUTPUT IN EMERGENCY MODE [lm]

|          | POWER | OUTPUT [lm] |     |     |     |     |
|----------|-------|-------------|-----|-----|-----|-----|
|          |       | EYR         | EYU | EYO | EYC | EY  |
| STANDARD | 1W    | 165         | 180 | 170 | 175 | –   |
|          | 2W    | 290         | 290 | 290 | 290 | –   |
|          | 3W    | 380         | 410 | 380 | 385 | –   |
|          | 3x1W  | –           | –   | –   | –   | 390 |
| PREMIUM  | 1W    | 185         | 190 | 180 | 185 | –   |
|          | 2W    | 340         | 350 | 340 | 340 | –   |
|          | 3W    | 460         | 460 | 460 | 460 | –   |
|          | 3x1W  | –           | –   | –   | –   | 460 |

## CENTRAL BATTERY CONFIGURATION - NON-ADDRESSABLE

|                          | CODE | POWER | MODULE | SYSTEM | OPTIONS |    | COLOR |  |
|--------------------------|------|-------|--------|--------|---------|----|-------|--|
|                          |      |       |        |        |         |    |       |  |
| EYR<br>EYU<br>EYO<br>EYC | 1W   | F     | CB     | CBS    | X       | ST | WH    |  |
|                          | 2W   | F     | CB     | CBS    | X       | ST | WH    |  |
|                          | 3W   | F     | CB     | CBS    | X       | ST | WH    |  |
| EY                       | 3x1W | F     | CB     | CBS    | X       | ST | WH    |  |

## OUTPUT IN EMERGENCY MODE [lm]

|      | POWER | OUTPUT [lm] |     |     |     |    |
|------|-------|-------------|-----|-----|-----|----|
|      |       | EYR         | EYU | EYO | EYC | EY |
| 1W   | 185   | 190         | 180 | 185 | –   |    |
| 2W   | 340   | 350         | 340 | 340 | –   |    |
| 3W   | 460   | 460         | 460 | 460 | –   |    |
| 3x1W | –     | –           | –   | –   | 460 |    |

## CENTRAL BATTERY CONFIGURATION – ADDRESSABLE

|                          | CODE | POWER | MODULE | SYSTEM | OPTIONS |    | COLOR |  |
|--------------------------|------|-------|--------|--------|---------|----|-------|--|
|                          |      |       |        |        |         |    |       |  |
| EYR<br>EYU<br>EYO<br>EYC | 1W   | Z     | CB     | ADE    | ADP     | ST | WH    |  |
|                          | 2W   | Z     | CB     | ADE    | ADP     | ST | WH    |  |
|                          | 3W   | Z     | CB     | ADE    | ADP     | ST | WH    |  |
| EY                       | 3x1W | Z     | CB     | ADE    | ADP     | ST | WH    |  |

## OUTPUT IN EMERGENCY MODE [lm]

|      | POWER | OUTPUT [lm] |     |     |     |    |
|------|-------|-------------|-----|-----|-----|----|
|      |       | EYR         | EYU | EYO | EYC | EY |
| 1W   | 185   | 190         | 180 | 185 | –   |    |
| 2W   | 340   | 350         | 340 | 340 | –   |    |
| 3W   | 460   | 460         | 460 | 460 | –   |    |
| 3x1W | –     | –           | –   | –   | 460 |    |

## FZLV SYSTEM CONFIGURATION

|                          | CODE | POWER | SYSTEM |    | COLOR |  |
|--------------------------|------|-------|--------|----|-------|--|
|                          |      |       |        |    |       |  |
| EYR<br>EYU<br>EYO<br>EYC | 1W   | FZLV  | FZLV2  | ST | WH    |  |
|                          | 2W   | FZLV  | FZLV2  | ST | WH    |  |
|                          | 3W   | FZLV  | FZLV2  | ST | WH    |  |
| EY                       | 3x1W | FZLV  | FZLV2  | ST | WH    |  |

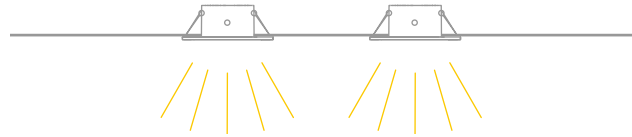
## OUTPUT IN EMERGENCY MODE [lm]

|      | POWER | OUTPUT [lm] |     |     |     |    |
|------|-------|-------------|-----|-----|-----|----|
|      |       | EYR         | EYU | EYO | EYC | EY |
| 1W   | 185   | 190         | 180 | 185 | –   |    |
| 2W   | 340   | 350         | 340 | 340 | –   |    |
| 3W   | 460   | 460         | 460 | 460 | –   |    |
| 3x1W | –     | –           | –   | –   | 460 |    |

## LEGEND:

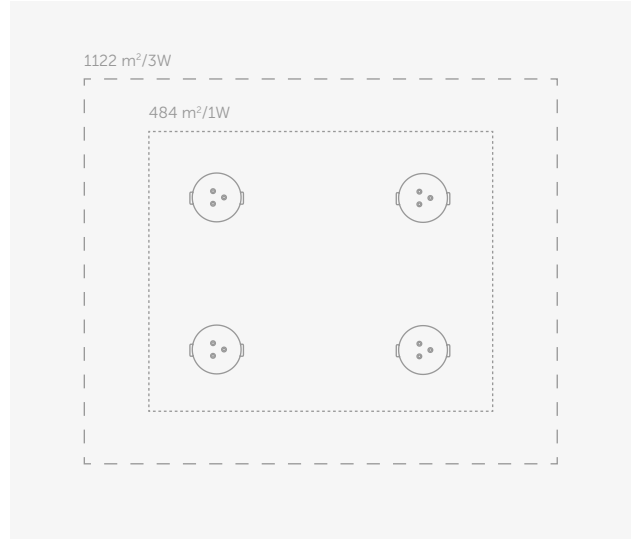
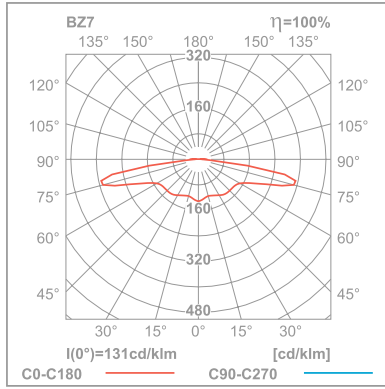
|      |  |    |  |       |   |
|------|--|----|--|-------|---|
| EYR  | fixture EYE LED round with optics for escape route   | B  | electronic gear for PREMIUM self-contained fittings      | RD    | DALI central monitoring                       |
| EYU  | fixture EYE LED round with universal optics          | F  | electronic gear for central battery fittings             | FZLV  | central battery FZLV 24 VDC                   |
| EYO  | fixture EYE LED round with optics for open area      | Z  | electronic gear for addressable central battery fittings | FZLV2 | central battery FZLV II 48 VDC                |
| EYC  | fixture EYE LED round with optics for corridor       | SE | non maintained   | CB    | central battery version                       |
| EY   | fixture EYE LED round without optics                 | SA | maintained   | CBS   | central battery for circuit monitoring        |
| E, C | electronic gear for STANDARD self-contained fittings | X  | fitting without additional options                       | ADP   | address module for CBS 1.0 – SMART technology |
|      |  | AT | autotest   | ADE   | address module for CBS 2.0 – SMART technology |
|      |  | RU | Rubic UNA central monitoring                             | ST    | stainless steel                               |
|      |  |    |  | WH    | white color                                   |

**EYE LED ROUND EXAMPLE OF PHOTOMETRY**



Optic O for open area

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



Optic C for corridor

simulation for two luminaires and min 1 lx (distance)

