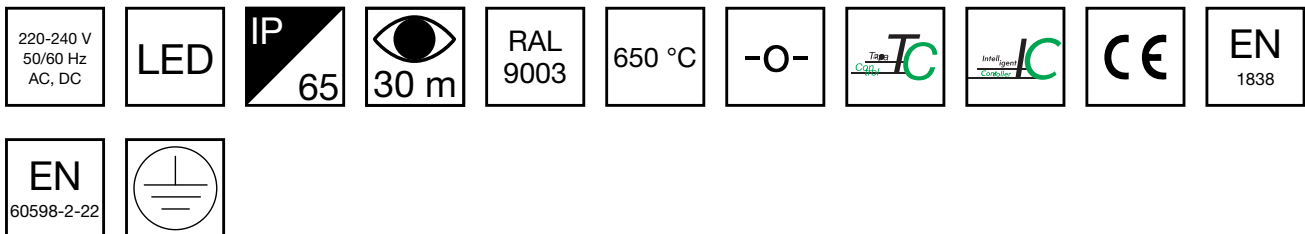


# ESC / SAFE 29 LED EMERGENCY / EXIT LIGHT TWT2951WK



## 230 V centrally supplied LED emergency light

Safe 29 is suited for demanding environmental conditions. It has a plastic frame, and combines functional design with a high protection rating. For emergency lighting applications, an 18 W model is also available. It allows a higher mounting height. The double insulated construction material is of shock-resistant plastic. Safe 29 is available with either a long-life LEDs, or a fluorescent lamp. The luminaires in the Safe 29 product line are suited for interior and exterior applications.

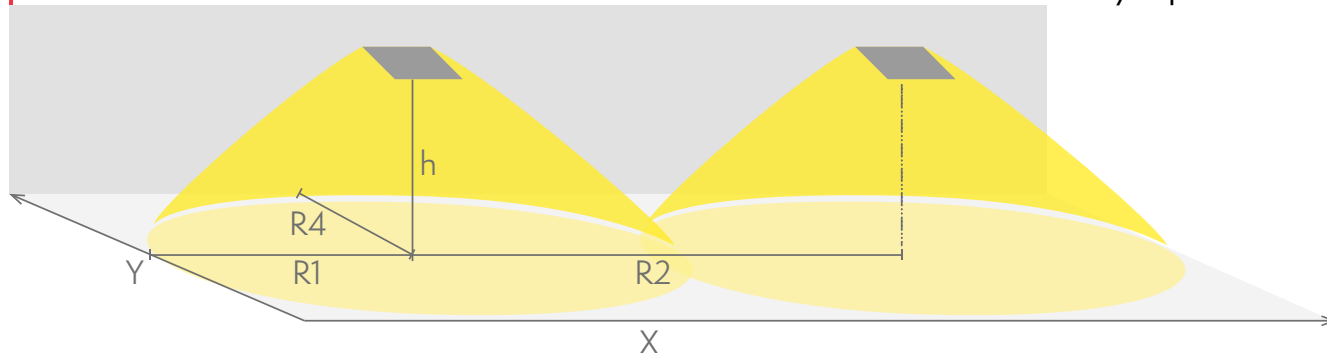
Thanks to the improved LED technology, the new ESCAP models are now available, offering longer mounting distance for both open area (TWS2992WAC) and escape routes (TWS2992WAB). With these new ESCAP models, also 4 m mounting height is now possible.

|                                     |                                       |
|-------------------------------------|---------------------------------------|
| Product Code                        | TWT2951WK                             |
| Feature                             | Intelligent Controller, Tapsa Control |
| Mounting (standard)                 | ceiling, wall, surface                |
| Mounting (optional)                 | recess                                |
| Customs Code                        | 94056080                              |
| GTIN Code                           | 6438045006369                         |
| ETIM Product Class                  | EC001957                              |
| Length                              | 341 mm                                |
| Width                               | 94 mm                                 |
| Height                              | 189 mm                                |
| Weight                              | 1,2 kg                                |
| Max Input Power VA                  | 8,3 VA                                |
| Max Input Power W                   | 4,6 W                                 |
| Nominal Supply Voltage              | 220-240 V, 50/60 Hz AC, DC            |
| Protection Class                    | I                                     |
| IP Class                            | IP65                                  |
| Temperature Range Min - Max         | -30...+50 °C                          |
| Glow Wire Test of Plastic Materials | 650 °C                                |
| Viewing Distance                    | 30 m                                  |
| Light Source                        | LED                                   |
| Body Material                       | plastic                               |
| Aperture for Recess Mounting        | 350 x 215 mm                          |
| Colour                              | RAL9003                               |
| Electrical Installation             | 3 x 2,5 mm <sup>2</sup>               |
| Luminous Flux                       | 190 lm                                |

## Emergency lighting for escape routes (ceiling mounting)

Table of 1 lux for escape routes in the middle line according to the norm EN 1838.

Level of measurement 0,02 m, measurement result with battery operation.



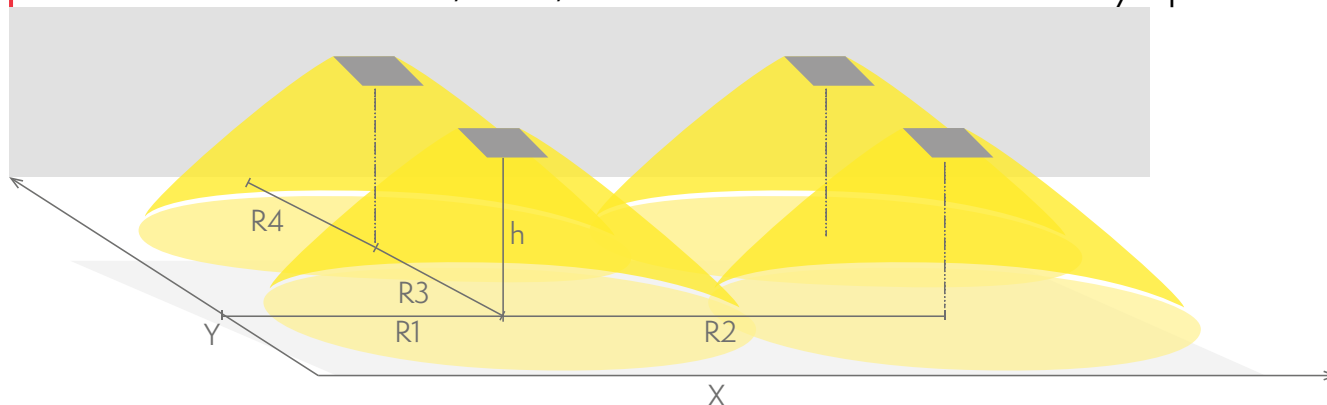
R1 distance from wall (X axis)  
R2 installation distance between lights (X axis)  
R4 distance from wall (Y axis)

TWT2951WK

| Mounting height (m) | Below the light lux | R1 (m) | R2 (m) | R4 (m) |
|---------------------|---------------------|--------|--------|--------|
|                     |                     | 1 lux  | 1 lux  | 1 lux  |
| 2,5                 | 13,8                | 4      | 8      | 2,8    |
| 4                   | 3,5                 | 4      | 8      | 2,5    |

## Emergency lighting for open areas (ceiling mounting)

Table of 0,5 lux for open areas according to the norm EN 1838, 0,5 m edge district is considered in the table.  
Level of measurement 0,02 m, measurement result with battery operation.



R1 distance from wall (X axis)  
R2 installation distance between lights (X axis)  
R3 installation distance between lights (Y axis)  
R4 distance from wall (Y axis)

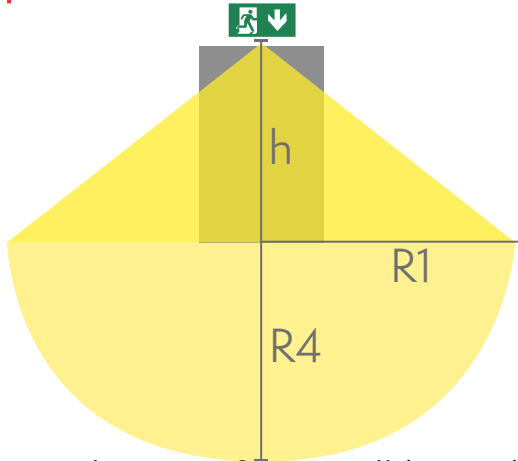
TWT2951WK

| Mounting height (m) | Below the light lux | R1 (m)  | R2 (m)  | R3 (m)  | R4 (m)  |
|---------------------|---------------------|---------|---------|---------|---------|
|                     |                     | 0,5 lux | 0,5 lux | 0,5 lux | 0,5 lux |

| Mounting height (m) | Below the light lux | R1 (m) | R2 (m) | R3 (m) | R4 (m) |
|---------------------|---------------------|--------|--------|--------|--------|
| 2,5                 | 13,8                | 4,5    | 8      | 7      | 3,5    |
| 4                   | 3,5                 | 5,5    | 10     | 7      | 3,5    |

## Downlight chart for Exit Lights

Tables of 1 lux and 0,5 lux, under the Exit Light.  
Level of measurement 0,02 m, measurement result with battery operation.



R1 distance from wall (X axis)  
R4 distance from wall (Y axis)

TWT2951WK

| Mounting height (m) | Below the light lux | R1 (m) | R4 (m) | R1 (m)  | R4 (m)  |
|---------------------|---------------------|--------|--------|---------|---------|
|                     |                     | 1 lux  | 1 lux  | 0,5 lux | 0,5 lux |
| 2                   | 4                   | 2      | 2      | 3       | 3       |
| 2,5                 | 2                   | 2      | 2      | 3       | 3       |
| 3                   | 1,5                 | 2,5    | 2,5    | 3,5     | 3,5     |

## NFPA

Table of 10,8 lux for open areas according to the norm EN 1838, 0,5 m edge district is considered in the table.  
Level of measurement 0,02 m, measurement result with battery operation.

TWT2951WK

| Mounting height (m) | Below the light lux |
|---------------------|---------------------|
| 3                   | 13,8                |

# OPTIONAL ACCESSORIES:

## SHOCK PROTECTING COVERS FOR EMERGENCY LIGHTS



| Product Code | Product Name                    | Compatible Product Groups                                                                                                                                      |
|--------------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TW77510B     | Shock protecting cover TW77510B | ESC 10 Emergency Exit Lights, DISCONTINUED: ESC 6L Emergency Exit Lights, ESC 29 Emergency Exit Lights, Safe 29 Emergency Lights, ESC 81 Emergency Exit Lights |

## OPTIONAL MOUNTING ACCESSORIES FOR EMERGENCY EXIT LIGHTS



| Product Code | Product Name            | Compatible Product Groups                              |
|--------------|-------------------------|--------------------------------------------------------|
| XWT2904      | Ceiling bracket XWT2904 | Safe 29 Emergency Lights, ESC 29 Emergency Exit Lights |

# SPARE PARTS:

## SPARE PARTS FOR EMERGENCY LIGHTS



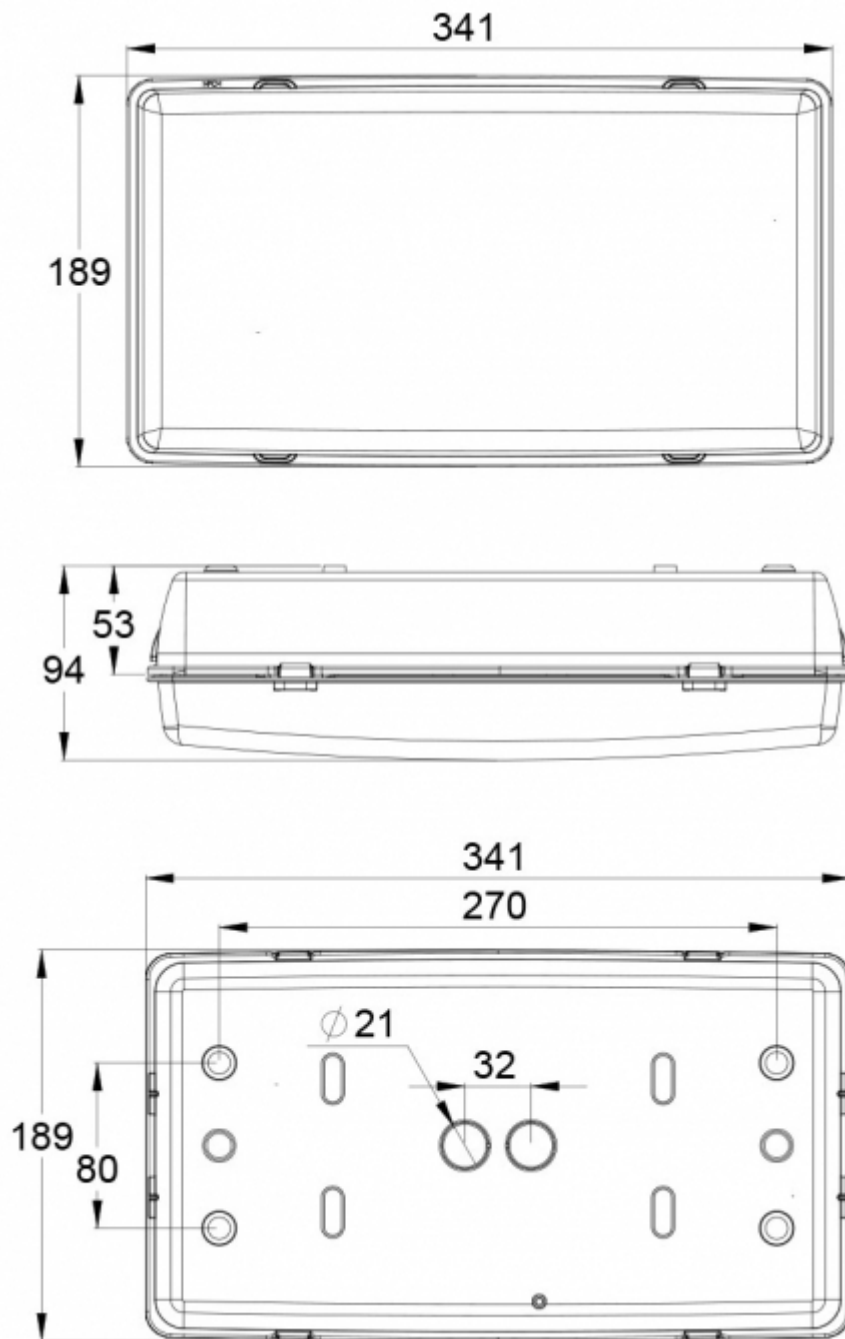
| Product Code | Product Name               | Compatible Product Groups                                                                                         |
|--------------|----------------------------|-------------------------------------------------------------------------------------------------------------------|
| W100001      | Ballast W100001            | Addressable 230 V Centrally Supplied Emergency Lights, Addressable 230 V Centrally Supplied Emergency Exit Lights |
| W130009      | LED board W130009          |                                                                                                                   |
| W130010      | LED board W130010          |                                                                                                                   |
| W140002      | Diffuser W140002           | Safe 29 Emergency Lights, ESC 29 Emergency Exit Lights                                                            |
| W200008      | Spare part package W200008 |                                                                                                                   |



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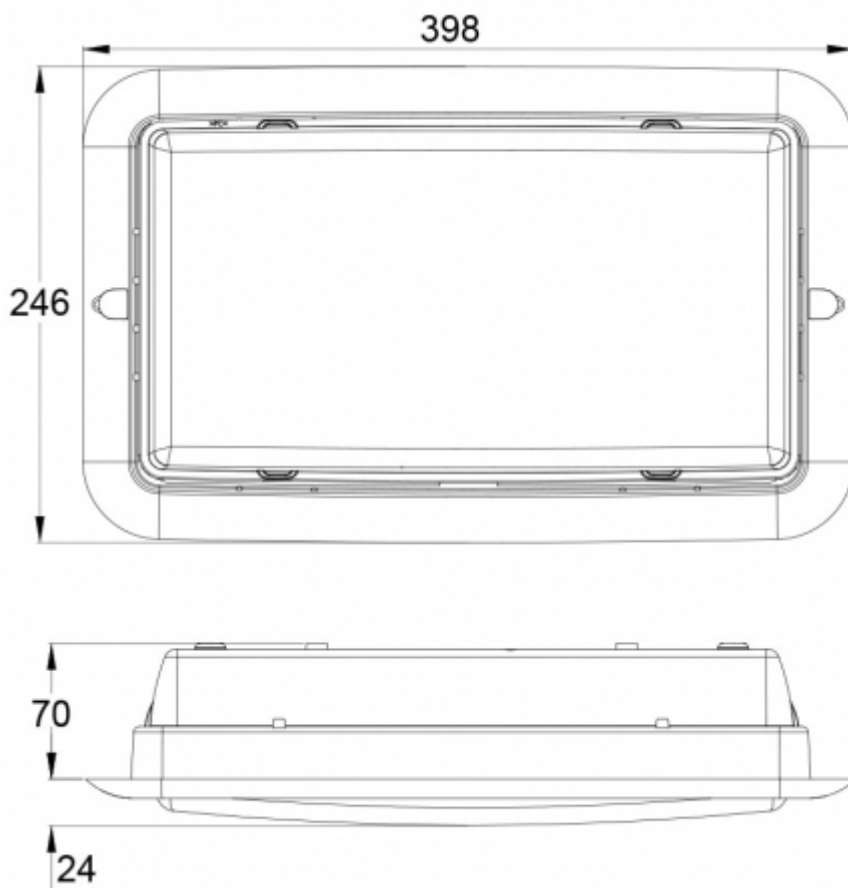




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