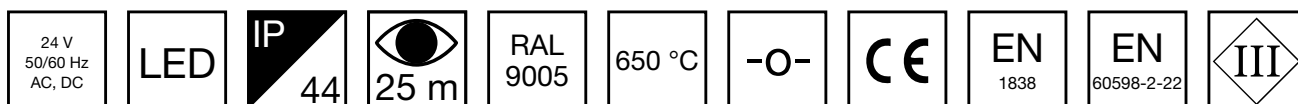


# ESC 90 EMERGENCY EXIT LIGHT TWT9041WT



## 24 V centrally supplied emergency exit light

The ESC 90 is an emergency exit light that combines cutting-edge technology with modern lighting design. Thanks to high quality electronics, optics and mechanical design, the luminaire has uniformly illuminated pictograms and low power consumption.

Changing the pictograms is easy and the plastic sheet slides easily into place. The ESC 90 exit light is easy to install on the ceiling or on a wall. It can be used 1 or 2 sided, with either recess or surface mounting. The ESC 90 is particularly easy and fast to install thanks to the separate mounting piece, which the power supply is also connected to.

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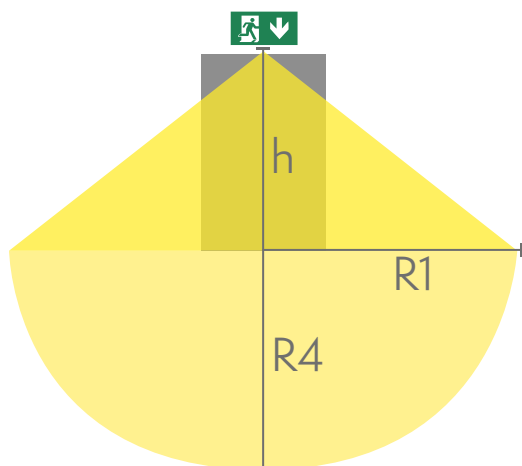
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Tel +358 3 883 020 | VAT-number FI01494751 | [teknoware.com](https://teknoware.com) | [emexit@teknoware.com](mailto:emexit@teknoware.com)



|                                     |                           |
|-------------------------------------|---------------------------|
| Product Code                        | TWT9041WT                 |
| Mounting (standard)                 | ceiling, wall             |
| Mounting (optional)                 | recess, flag, pendel      |
| Customs Code                        | 94056080                  |
| GTIN Code                           | 06438045028651            |
| ETIM Product Class                  | EC001957                  |
| Length                              | 268 mm                    |
| Width                               | 40 mm                     |
| Height                              | 202 mm                    |
| Weight                              | 0,44 kg                   |
| Max Input Power VA                  | 2 VA                      |
| Max Input Power W                   | 2,5 W                     |
| Nominal Supply Voltage              | 24 V, 50/60 Hz AC, DC     |
| Protection Class                    | III                       |
| IP Class                            | IP44                      |
| Temperature Range Min - Max         | -30...+50 °C              |
| Glow Wire Test of Plastic Materials | 650 °C                    |
| Viewing Distance                    | 25 m                      |
| Light Source                        | LED                       |
| Body Material                       | plastic                   |
| Aperture for Recess Mounting        | 45 x 275 mm               |
| Colour                              | RAL9005                   |
| Electrical Installation             | 2/3 x 2,5 mm <sup>2</sup> |

## 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)

TWT9041WT

| 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                   | 1,5                 | 0,5    | 0,5    | 1       | 1       |
| 2,5                 | 1,1                 | 0,5    | 0,5    | 1       | 1       |

ONE OR MORE OF THESE IS ALSO REQUIRED:

PICTOGRAMS FOR EMERGENCY EXIT LIGHTS



| Product Code | Pictogram | Viewing Distance (m) | Compatible Product Groups    |
|--------------|-----------|----------------------|------------------------------|
| PB401        |           | 25                   | ESC 90 Emergency Exit Lights |
| PB9004       |           | 25                   | ESC 90 Emergency Exit Lights |
| PB9005       |           | 25                   | ESC 90 Emergency Exit Lights |
| PB9006       |           | 25                   | ESC 90 Emergency Exit Lights |

OPTIONAL ACCESSORIES:

SHOCK PROTECTING COVERS FOR EMERGENCY LIGHTS



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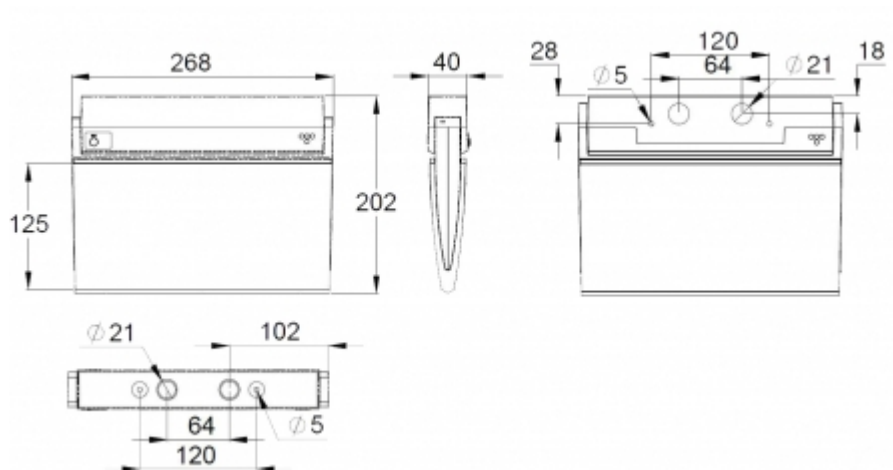
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| Product Code | Product Name                       | Compatible Product Groups                                                                                          |
|--------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| TW77508B     | Shock protecting cover<br>TW77508B | ESC 0,5 Emergency Exit Lights, ESC 4 Emergency Exit Lights, ESC 90 Emergency Exit Lights, Safe 82 Emergency Lights |

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