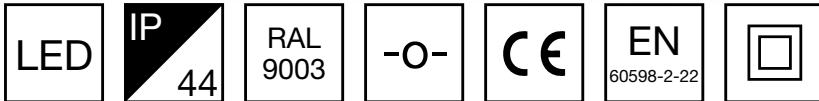


SAFE 82 EMERGENCY LIGHTS



SAFE 82 is a high ceiling area LED emergency light, with ceiling and wall mounting as standard. SAFE 82 can be installed at a height of 4-20 meters.

SAFE 82 is particularly easy and quick to install thanks to a separate mounting plate.

SAFE 82 family of luminaires are splash water proof and suitable for damp areas and, for example, parking halls and outdoor roofed shelters.

The product codes starting with letter Y include an individually packed luminaire. The product codes starting with TW include the luminaire only.

ADDRESSABLE 230 V CENTRALLY SUPPLIED EMERGENCY LIGHTS

| Product Code | Nominal Supply Voltage | Feature |
|--------------|----------------------------|---------------|
| TWT8251WKH | 220-240 V, 50/60 Hz AC, DC | Tapsa Control |
| Y8251WKH | 220-240 V, 50/60 Hz AC, DC | Tapsa Control |

NON-ADDRESSABLE 230 V CENTRALLY SUPPLIED EMERGENCY

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LIGHTS

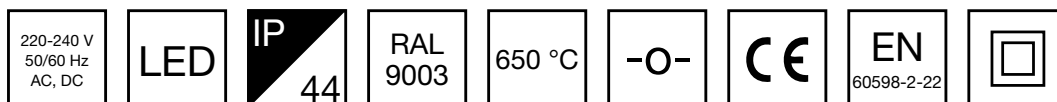
| Product Code | Nominal Supply Voltage | Feature |
|--------------|----------------------------|---------|
| TWT8251WH | 220-240 V, 50/60 Hz AC, DC | |
| Y8251WH | 220-240 V, 50/60 Hz AC, DC | |

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SAFE 82 LED EMERGENCY LIGHT TWT8251WH



230 V centrally supplied LED emergency light for high mounting

SAFE 82 is a high ceiling area LED emergency light, with ceiling and wall mounting as standard. SAFE 82 can be installed at a height of 4-20 meters.

SAFE 82 is particularly easy and quick to install thanks to a separate mounting plate.

SAFE 82 family of luminaires are splash water proof and suitable for damp areas and, for example, parking halls and outdoor roofed shelters.

INDIVIDUALLY PACKED LIGHTS

The product codes starting with letter Y include an individually packed luminaire. The product codes starting with TW include the luminaire only.

| Product Code | IP Class | Luminous Flux (lm) |
|--------------|----------|--------------------|
| Y8251WH | IP44 | 1005 |

| | |
|-------------------------------------|----------------------------|
| Product Code | TWT8251WH |
| Mounting (standard) | wall, ceiling |
| Customs Code | 94056080 |
| GTIN Code | 6438045008905 |
| ETIM Product Class | EC001957 |
| Length | 350 mm |
| Width | 93 mm |
| Height | 125 mm |
| Weight | 0,9 kg |
| Max Input Power VA | 16 VA |
| Max Input Power W | 14 W |
| Nominal Supply Voltage | 220-240 V, 50/60 Hz AC, DC |
| Protection Class | II |
| IP Class | IP44 |
| Temperature Range Min - Max | -30...+50 °C |
| Glow Wire Test of Plastic Materials | 650 °C |
| Light Source | LED |
| Body Material | plastic |
| Colour | RAL9003 |
| Electrical Installation | 3 x 2,5 mm ² |

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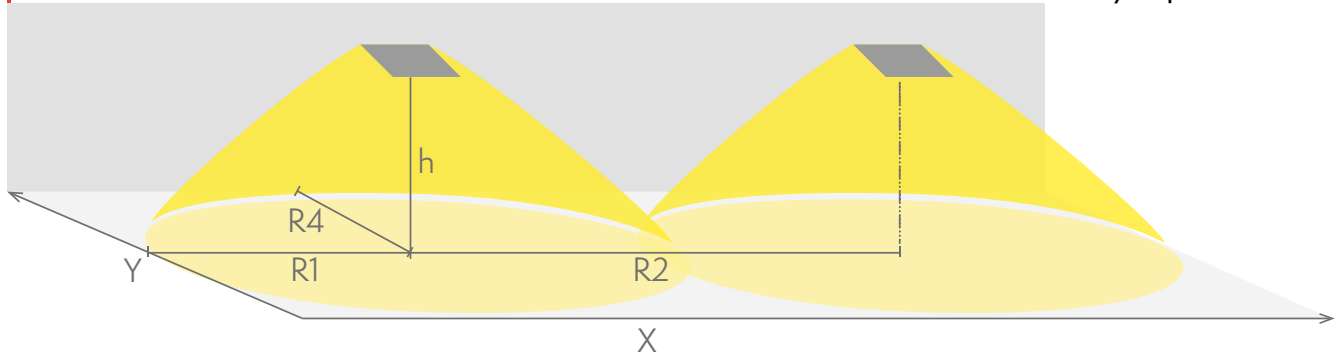
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Emergency lighting for escape routes (ceiling mounting)

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)

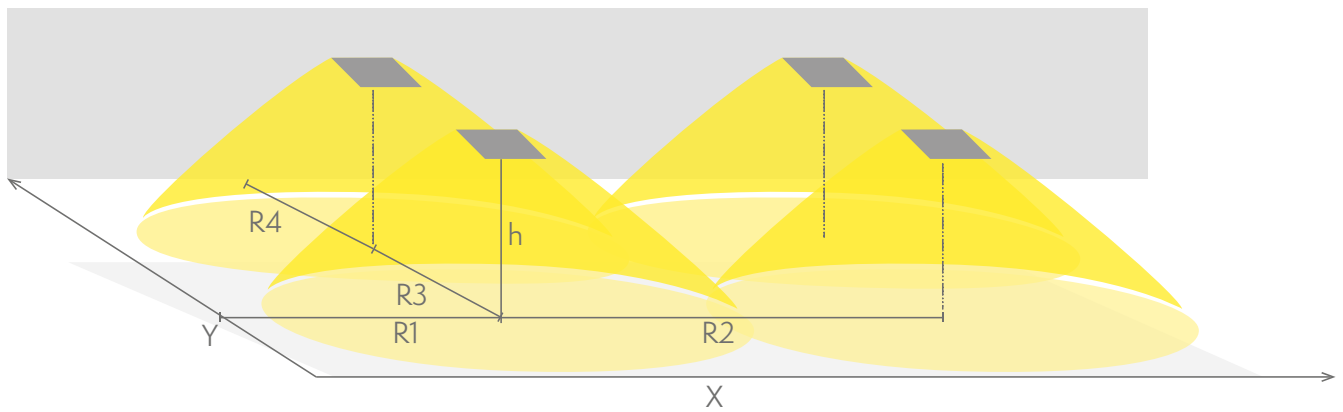
TWT8251WH

| Mounting height (m) | Below the light lux | R1 (m) | R2 (m) | R4 (m) |
|---------------------|---------------------|--------|--------|--------|
| | | 1 lux | 1 lux | 1 lux |
| 4 | 32 | 8 | 18 | 6,5 |
| 6 | 14 | 9 | 22 | 8,5 |
| 8 | 8 | 9 | 24 | 8,5 |
| 10 | 5 | 9 | 24 | 8 |

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)

TWT8251WH

| 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 |
| 4 | 32 | 10,2 | 14 | 14 | 7,5 |
| 6 | 14 | 11,7 | 16 | 16 | 8,5 |
| 8 | 8 | 13,2 | 16 | 16 | 8,5 |
| 10 | 5 | 13,2 | 16 | 16 | 8,5 |
| 12 | 3 | 13,2 | 16 | 16 | 8,5 |
| 14 | 2,5 | 13,2 | 16 | 16 | 8,5 |
| 16 | 2 | 10 | 14 | 14 | 7 |
| 18 | 1,5 | 8 | 12 | 12 | 6 |
| 20 | 1 | 7 | 8 | 8 | 5 |

OPTIONAL ACCESSORIES:

SHOCK PROTECTING COVERS FOR EMERGENCY LIGHTS



| Product Code | Product Name | Compatible Product Groups |
|--------------|---------------------------------|--|
| TW77508B | Shock protecting cover 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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SPARE PARTS:

SPARE PARTS FOR EMERGENCY LIGHTS



| Product Code | Product Name | Compatible Product Groups |
|--------------|-----------------|---|
| W100004 | Ballast W100004 | Addressable 230 V Centrally Supplied Emergency Lights |

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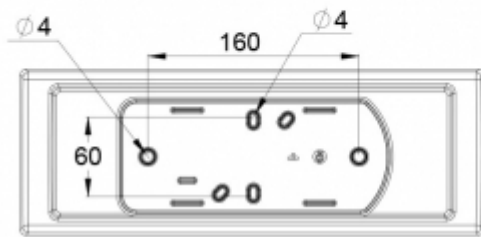
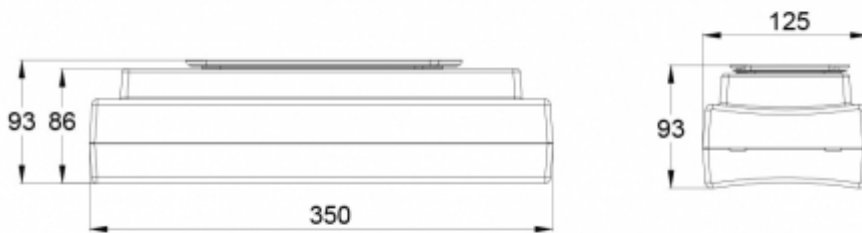
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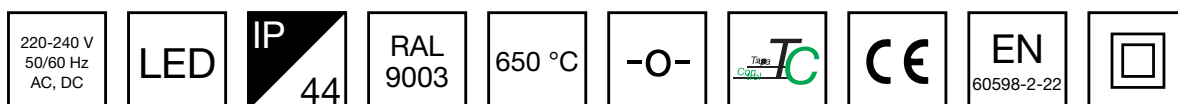


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SAFE 82 LED EMERGENCY LIGHT TWT8251WKH



Addressable 230 V centrally supplied LED emergency light for high mounting

SAFE 82 is a high ceiling area LED emergency light, with ceiling and wall mounting as standard. SAFE 82 can be installed at a height of 4-20 meters.

SAFE 82 is particularly easy and quick to install thanks to a separate mounting plate.

SAFE 82 family of luminaires are splash water proof and suitable for damp areas and, for example, parking halls and outdoor roofed shelters.

INDIVIDUALLY PACKED LIGHTS

The product codes starting with letter Y include an individually packed luminaire. The product codes starting with TW include the luminaire only.

| Product Code | IP Class | Luminous Flux (lm) |
|--------------|----------|--------------------|
| Y8251WKH | IP44 | 1005 |

| | |
|-------------------------------------|----------------------------|
| Product Code | TWT8251WKH |
| Feature | Tapsa Control |
| Mounting (standard) | wall, ceiling |
| Customs Code | 94056080 |
| GTIN Code | 6438045008912 |
| ETIM Product Class | EC001957 |
| Length | 350 mm |
| Width | 93 mm |
| Height | 125 mm |
| Weight | 0,9 kg |
| Max Input Power VA | 40 VA |
| Max Input Power W | 18 W |
| Nominal Supply Voltage | 220-240 V, 50/60 Hz AC, DC |
| Protection Class | II |
| IP Class | IP44 |
| Temperature Range Min - Max | -30...+50 °C |
| Glow Wire Test of Plastic Materials | 650 °C |
| Light Source | LED |
| Body Material | plastic |
| Colour | RAL9003 |

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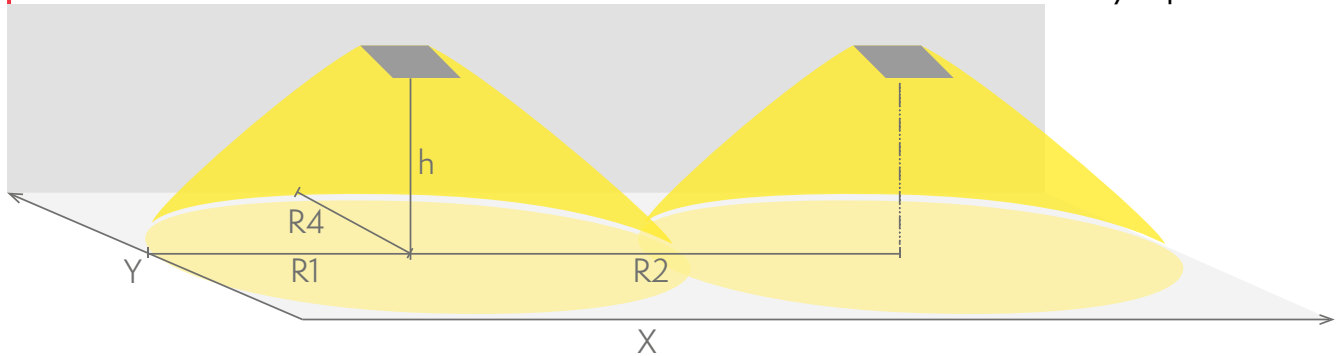


| | |
|-------------------------|-------------------------|
| Electrical Installation | 3 x 2,5 mm ² |
| Luminous Flux | 1005 lm |

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)

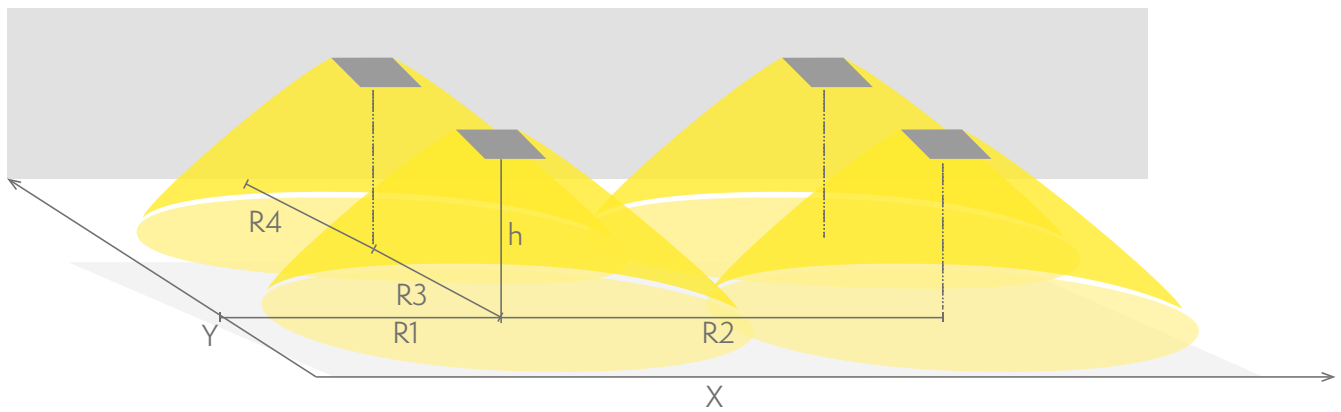
TWT8251WKH

| Mounting height (m) | Below the light lux | R1 (m) | R2 (m) | R4 (m) |
|---------------------|---------------------|--------|--------|--------|
| | | 1 lux | 1 lux | 1 lux |
| 4 | 32 | 8 | 18 | 6,5 |
| 6 | 14 | 9 | 22 | 8,5 |
| 8 | 8 | 9 | 24 | 8,5 |
| 10 | 5 | 9 | 24 | 8 |

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)

TWT8251WKH

| 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 |
| 4 | 32 | 10,2 | 14 | 14 | 7,5 |
| 6 | 14 | 11,7 | 16 | 16 | 8,5 |
| 8 | 8 | 13,2 | 16 | 16 | 8,5 |
| 10 | 5 | 13,2 | 16 | 16 | 8,5 |
| 12 | 3 | 13,2 | 16 | 16 | 8,5 |
| 14 | 2,5 | 13,2 | 16 | 16 | 8,5 |
| 16 | 2 | 10 | 14 | 14 | 7 |
| 18 | 1,5 | 8 | 12 | 12 | 6 |
| 20 | 1 | 7 | 8 | 8 | 5 |

OPTIONAL ACCESSORIES:

SHOCK PROTECTING COVERS FOR EMERGENCY LIGHTS

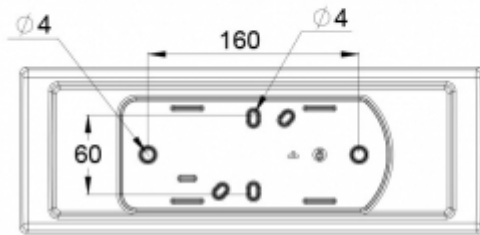
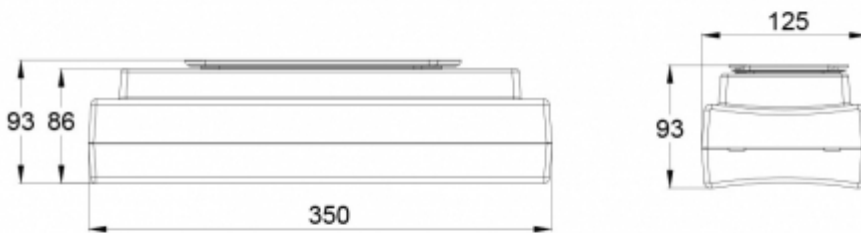


| Product Code | Product Name | Compatible Product Groups |
|--------------|---------------------------------|--|
| TW77508B | Shock protecting cover TW77508B | ESC 0,5 Emergency Exit Lights, ESC 4 Emergency Exit Lights, ESC 90 Emergency Exit Lights, Safe 82 Emergency Lights |

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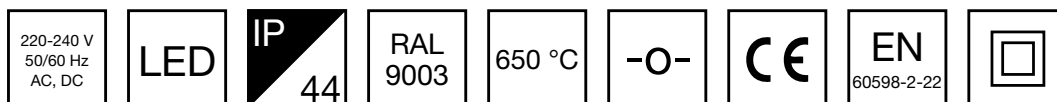


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SAFE 82 LED EMERGENCY LIGHT Y8251WH



230 V centrally supplied LED emergency light for high mounting (Individually packed TWT8251WH)

SAFE 82 is a high ceiling area LED emergency light, with ceiling and wall mounting as standard. SAFE 82 can be installed at a height of 4-20 meters.

SAFE 82 is particularly easy and quick to install thanks to a separate mounting plate.

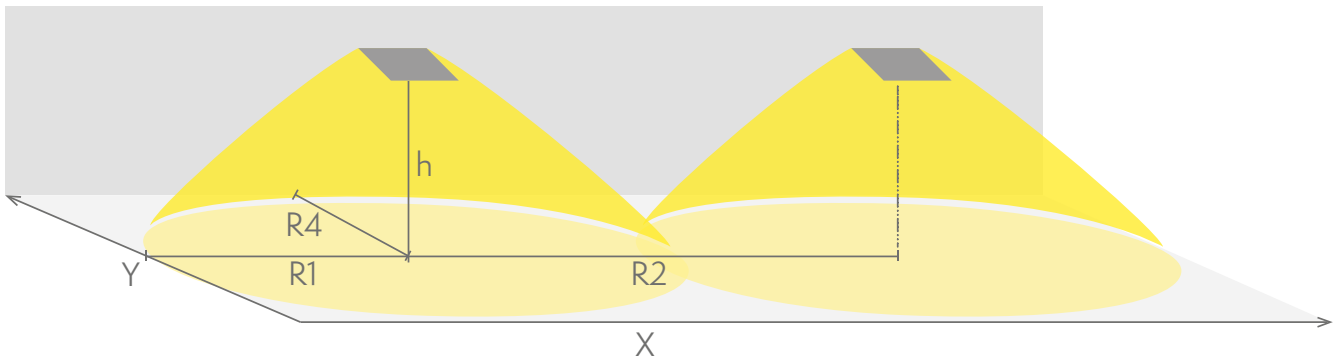
SAFE 82 family of luminaires are splash water proof and suitable for damp areas and, for example, parking halls and outdoor roofed shelters.

| | |
|-------------------------------------|----------------------------|
| Product Code | Y8251WH |
| Mounting (standard) | ceiling, wall |
| Customs Code | 94056080 |
| GTIN Code | 6438045017808 |
| ETIM Product Class | EC001957 |
| Length | 350 mm |
| Width | 125 mm |
| Height | 95 mm |
| Weight | 0,9 kg |
| Max Input Power VA | 16 VA |
| Max Input Power W | 14 W |
| Nominal Supply Voltage | 220-240 V, 50/60 Hz AC, DC |
| Protection Class | II |
| IP Class | IP44 |
| Temperature Range Min - Max | -30...+50 °C |
| Glow Wire Test of Plastic Materials | 650 °C |
| Light Source | LED |
| Body Material | plastic |
| Colour | RAL9003 |
| Electrical Installation | 3 x 2,5 mm ² |
| Luminous Flux | 1005 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.



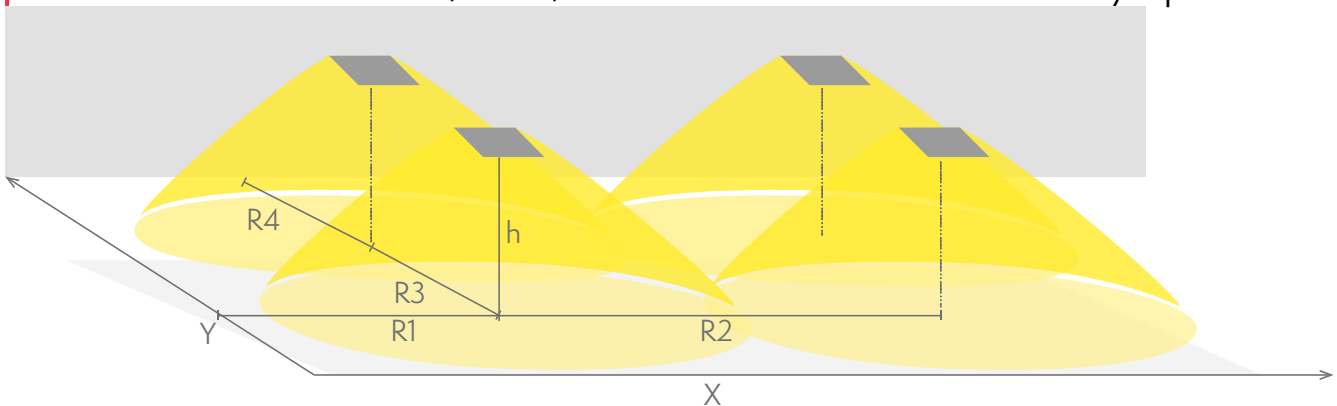
- R1 distance from wall (X axis)
- R2 installation distance between lights (X axis)
- R4 distance from wall (Y axis)

Y8251WH

| Mounting height (m) | Below the light lux | R1 (m) | R2 (m) | R4 (m) |
|---------------------|---------------------|--------|--------|--------|
| | | 1 lux | 1 lux | 1 lux |
| 4 | 32 | 8 | 18 | 6,5 |
| 6 | 14 | 9 | 22 | 8,5 |
| 8 | 8 | 9 | 24 | 8,5 |
| 10 | 5 | 9 | 24 | 8 |

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)

Y8251WH

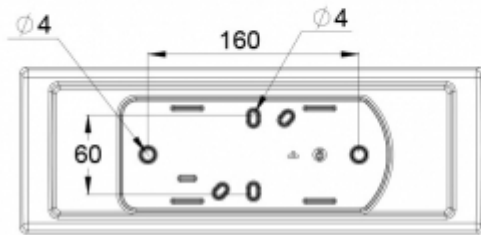
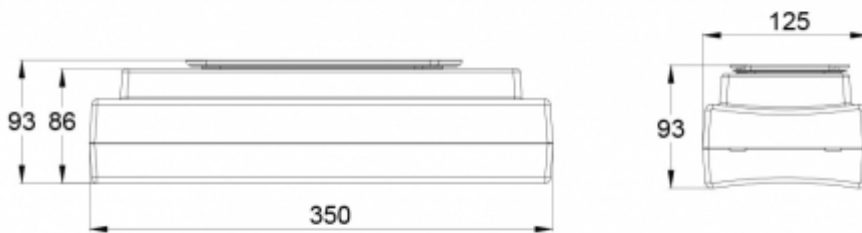
| Mounting height (m) | Below the light lux | R1 (m) | R2 (m) | R3 (m) | R4 (m) |
|---------------------|---------------------|---------|---------|---------|---------|
| | | 0,5 lux | 0,5 lux | 0,5 lux | 0,5 lux |
| 4 | 32 | 10,2 | 14 | 14 | 7,5 |
| 6 | 14 | 11,7 | 16 | 16 | 8,5 |
| 8 | 8 | 13,2 | 16 | 16 | 8,5 |
| 10 | 5 | 13,2 | 16 | 16 | 8,5 |
| 12 | 3 | 13,2 | 16 | 16 | 8,5 |
| 14 | 2,5 | 13,2 | 16 | 16 | 8,5 |
| 16 | 2 | 10 | 14 | 14 | 7 |
| 18 | 1,5 | 8 | 12 | 12 | 6 |
| 20 | 1 | 7 | 8 | 8 | 5 |

OPTIONAL ACCESSORIES:

SHOCK PROTECTING COVERS FOR EMERGENCY LIGHTS



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

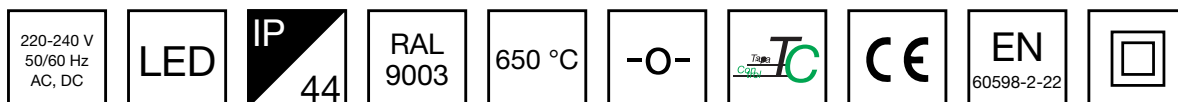


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SAFE 82 LED EMERGENCY LIGHT Y8251WKH



Addressable 230 V centrally supplied LED emergency light for high mounting (Inividually packed TWT8251WKH)

SAFE 82 is a high ceiling area LED emergency light, with ceiling and wall mounting as standard. SAFE 82 can be installed at a height of 4-20 meters.

SAFE 82 is particularly easy and quick to install thanks to a separate mounting plate.

SAFE 82 family of luminaires are splash water proof and suitable for damp areas and, for example, parking halls and outdoor roofed shelters.

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| | |
|-------------------------------------|----------------------------|
| Product Code | Y8251WKH |
| Feature | Tapsa Control |
| Mounting (standard) | ceiling, wall |
| Customs Code | 94056080 |
| GTIN Code | 6438045017815 |
| ETIM Product Class | EC001957 |
| Length | 350 mm |
| Width | 125 mm |
| Height | 95 mm |
| Weight | 0,9 kg |
| Max Input Power VA | 17 VA |
| Max Input Power W | 15 W |
| Nominal Supply Voltage | 220-240 V, 50/60 Hz AC, DC |
| Protection Class | II |
| IP Class | IP44 |
| Temperature Range Min - Max | -30...+50 °C |
| Glow Wire Test of Plastic Materials | 650 °C |
| Light Source | LED |
| Body Material | plastic |
| Colour | RAL9003 |
| Electrical Installation | 3 x 2,5 mm ² |
| Luminous Flux | 1005 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.

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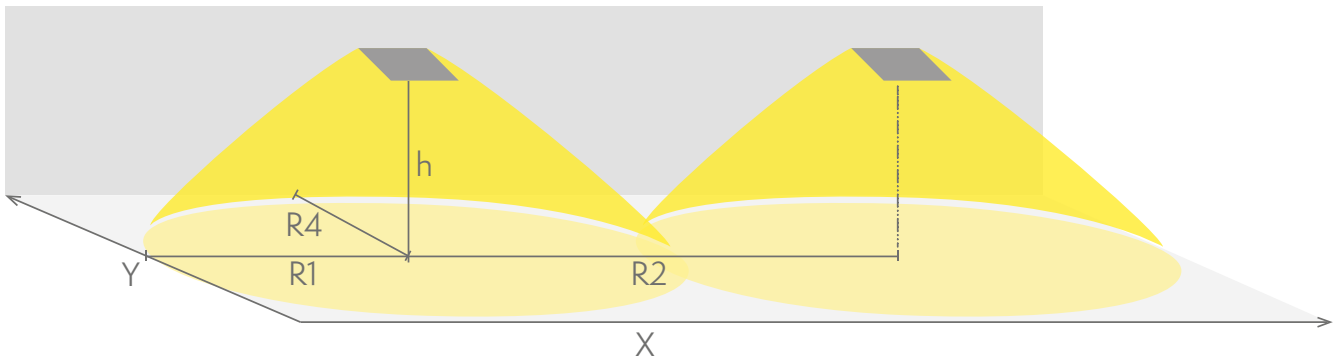
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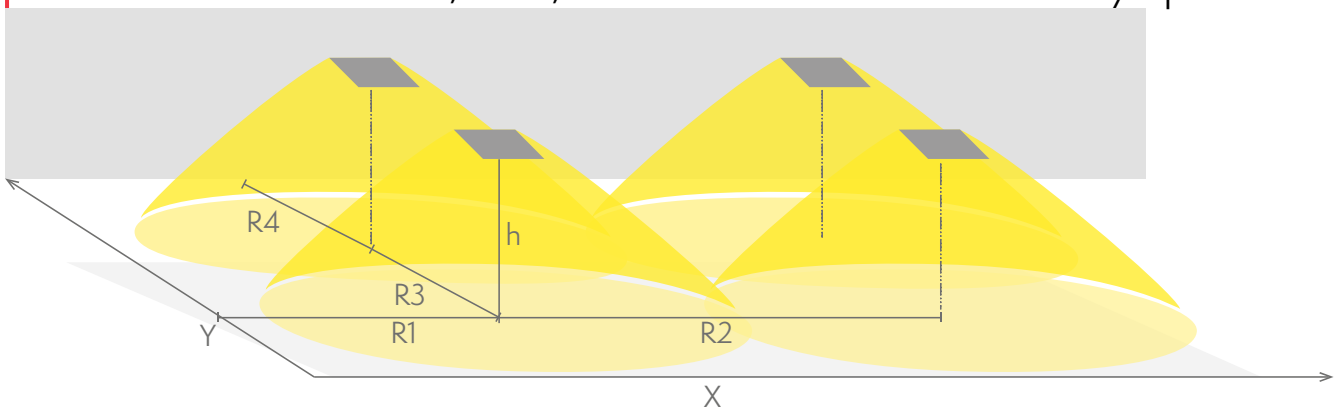
- R1 distance from wall (X axis)
- R2 installation distance between lights (X axis)
- R4 distance from wall (Y axis)

Y8251WKH

| Mounting height (m) | Below the light lux | R1 (m) | R2 (m) | R4 (m) |
|---------------------|---------------------|--------|--------|--------|
| | | 1 lux | 1 lux | 1 lux |
| 4 | 32 | 8 | 18 | 6,5 |
| 6 | 14 | 9 | 22 | 8,5 |
| 8 | 8 | 9 | 24 | 8,5 |
| 10 | 5 | 9 | 24 | 8 |

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)

Y8251WKH

| 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 |
| 4 | 32 | 10,2 | 14 | 14 | 7,5 |
| 6 | 14 | 11,7 | 16 | 16 | 8,5 |
| 8 | 8 | 13,2 | 16 | 16 | 8,5 |
| 10 | 5 | 13,2 | 16 | 16 | 8,5 |
| 12 | 3 | 13,2 | 16 | 16 | 8,5 |
| 14 | 2,5 | 13,2 | 16 | 16 | 8,5 |
| 16 | 2 | 10 | 14 | 14 | 7 |
| 18 | 1,5 | 8 | 12 | 12 | 6 |
| 20 | 1 | 7 | 8 | 8 | 5 |

OPTIONAL ACCESSORIES:

SHOCK PROTECTING COVERS FOR EMERGENCY LIGHTS



| Product Code | Product Name | Compatible Product Groups |
|--------------|---------------------------------|--|
| TW77508B | Shock protecting cover 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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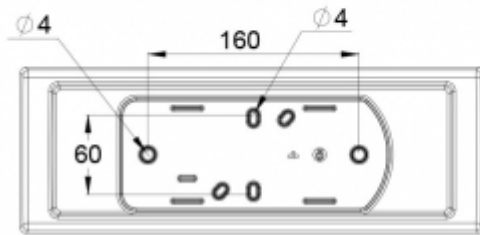
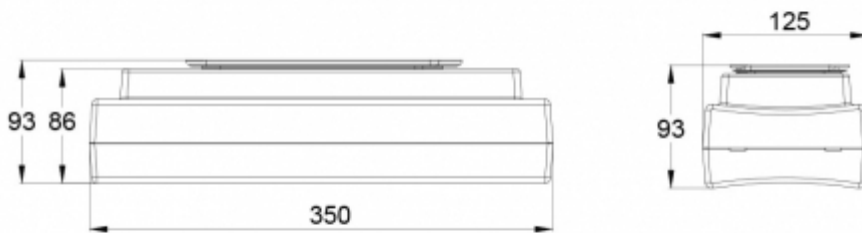
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