



Escape Sign Luminaires



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Luminaires with Emergency Lighting Components



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Note

Information to standard luminaires
 with emergency lighting as
 supplementary equipment:

☞ appendix

Further Escape Sign Luminaires | Signage Luminaires



Lunis R® | Lunis® E
 ☞ chapter 5 recessed downlights



Lunis R® | Lunis® C
 ☞ chapter 4 surface mounted downlights



Escape Sign Luminares



LED Luminaire

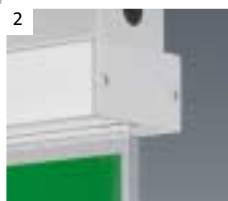
features compact sectional aluminium luminaire¹⁾, silver (similar to RAL 9006) for legend panel²⁾ (PMMA) | brilliant white light with LED | self-contained supply with NiCd rechargeable batteries | suitable for surface mounted ceiling and wall installation

visibility range: 28m
 complies with norms DIN EN 1838 and EN60598-2-22
 protection rating: IP40
 protection class: I

- benefits
- long maintenance intervals
 - high-grade design and finish
 - reliable electronics conforming to the latest EU guidelines (recognition distance, legends etc.)
 - installation- and maintenance-friendly
 - continuous operation with 50% brightness possible
 - selections for monitoring and test functions
 - maintenance-free NiCd batteries



1. 25 white LEDs illuminate the legend panel
2. sideways insertion of legend panel



| Order No. | Lamps (W) | Operating Time/ Back-Up Source |
|--|--------------------------|--------------------------------|
| surface mounted ceiling or wall installation ¹⁾ | | |
| non-maintained operation | | |
| 5ME 442 2-1S | LED white 5W | 1h |
| 5ME 442 2-ZS | LED white 5W | central |
| 5ME 442 2-3S | LED white 5W | 3h |
| maintained operation | | |
| 5ME 441 2-1S | LED white 5W | 1h |
| 5ME 441 2-3S | LED white 5W | 3h |
| legend panel, visibility range 28m | | |
| 5ME 994 1 | arrow - both sides, down | |
| 5ME 994 3 | arrow - left | |
| 5ME 994 4 | arrow - right | |

1) please order luminaire and legend panel separately
 □ luminaire dimensions: L x B x H = 321 x 65 x 215mm

reference

description of legend panels and installation accessories 9 | 8





Acrylic Panel Luminaire

features

luminaire with robust white sheet steel housing¹⁾ for legend panel¹⁾ (PMMA), printed optionally on one or both sides | combination of reliable T16 lamping with electronic ballast or inverter | self-contained supply with NiCd rechargeable battery | suitable for surface mounted ceiling and wall installation or recessed ceiling installation

visibility range: 34m
 complies with norms DIN EN 1838 and EN60598-2-22
 protection rating: IP40
 protection class: I

benefits

- long service life
- low energy consumption due to reliable ballast electronics
- conforms to the latest EU guidelines (recognition distance, legends etc.)
- installation- and maintenance-friendly
- selections for monitoring and test functions
- maintenance-free NiCd batteries



1. recessed luminaire, legend panel with down arrow and mounting springs (accessory)

| Order No. | Lamps (W) | CG | Operating Life/ Back-Up Source |
|---|-------------------------------|----------|--------------------------------|
| <i>ceiling or wall installation¹⁾</i> | | | |
| <i>non-maintained operation</i> | | | |
| 5ME 342 2-1L | 1xT16 8W | inverter | 1h |
| 5ME 342 7-ZL | 1xT16 8W | HFG | central |
| 5ME 342 2-3L | 1xT16 8W | inverter | 3h |
| <i>maintained operation</i> | | | |
| 5ME 341 7-1L | 1xT16 8W | HFG | 1h |
| 5ME 341 7-3L | 1xT16 8W | HFG | 3h |
| <i>recessed ceiling installation¹⁾</i> | | | |
| <i>non-maintained operation</i> | | | |
| 5ME 312 2-1L | 1xT16 8W | inverter | 1h |
| 5ME 312 7-ZL | 1xT16 8W | HFG | central |
| 5ME 312 2-3L | 1xT16 8W | inverter | 3h |
| <i>maintained operation</i> | | | |
| 5ME 311 7-1L | 1xT16 8W | HFG | 1h |
| 5ME 311 7-3L | 1xT16 8W | HFG | 3h |
| <i>symbol panel, visibility range 34m</i> | | | |
| 5ME 992 5 | arrow - both sides, down | | |
| 5ME 992 6 | arrow - both sides left/right | | |
| 5ME 992 1 | arrow - down | | |
| 5ME 992 3 | arrow - left | | |
| 5ME 992 4 | arrow - right | | |

1) please order luminaire and symbol panel separately

□ luminaire dimensions: L x B x H = 327 x 70 x 275mm

reference

▣ description of legend panels and installation accessories 9 | 8

Escape Sign Luminaires

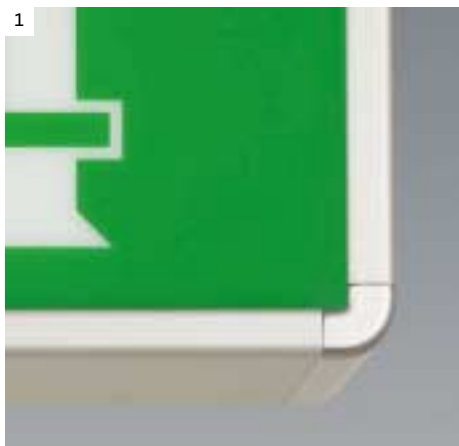


Opal Panel Luminaire

features sectional aluminium luminaire¹⁾, silver anodised for legend panel¹⁾ (PMMA) | with directive lighting | combination of reliable T16 lamping with electronic ballast or inverter | self-contained supply with NiCd rechargeable battery | suitable for surface mounted ceiling and wall installation

visibility range: 34m or 26m
 complies with norms DIN EN 1838 and EN60598-2-22
 protection rating: IP40
 protection class: I

- benefits
- long service life
 - low energy consumption due to reliable ballast electronics
 - can be used as lighting source for routeways conforms to the latest EU guidelines (recognition distance, legends etc.)
 - installation- and maintenance-friendly
 - selections for monitoring and test functions
 - maintenance-free NiCd batteries



1. sectional aluminium housing, silver anodised | rounded edges

| Order No. | Type |
|--------------------------|---------------|
| legend panel | |
| for visibility range 34m | |
| 5ME 993 1 | arrow - down |
| 5ME 993 3 | arrow - left |
| 5ME 993 4 | arrow - right |
| legend panel | |
| for visibility range 26m | |
| 5ME 991 1 | arrow - down |
| 5ME 991 3 | arrow - left |
| 5ME 991 4 | arrow - right |

| Order No. | Lamps (W) | CG | Operating Life/ Back-Up Source |
|--|-----------|----------|--------------------------------|
| ceiling installation, visibility range 34m ¹⁾²⁾ | | | |
| non-maintained operation | | | |
| 5ME 222 2-1L3 | 1xT16 8W | inverter | 1h |
| 5ME 222 7-ZL3 | 1xT16 8W | HFG | central |
| 5ME 222 2-3L3 | 1xT16 8W | inverter | 3h |
| maintained operation | | | |
| 5ME 221 7-1L3 | 1xT16 8W | HFG | 1h |
| 5ME 221 7-3L3 | 1xT16 8W | HFG | 3h |
| wall installation, visibility range 34m ¹⁾²⁾ | | | |
| non-maintained operation | | | |
| 5ME 232 2-1L3 | 1xT16 8W | inverter | 1h |
| 5ME 232 7-ZL3 | 1xT16 8W | HFG | central |
| 5ME 232 2-3L3 | 1xT16 8W | inverter | 3h |
| maintained operation | | | |
| 5ME 231 7-1L3 | 1xT16 8W | HFG | 1h |
| 5ME 231 7-3L3 | 1xT16 8W | HFG | 3h |
| ceiling installation, visibility range 26m ¹⁾³⁾ | | | |
| non-maintained operation | | | |
| 5ME 222 2-1L2 | 1xT16 8W | inverter | 1h |
| 5ME 222 7-ZL2 | 1xT16 8W | HFG | central |
| 5ME 222 2-3L2 | 1xT16 8W | inverter | 3h |
| maintained operation | | | |
| 5ME 221 7-1L2 | 1xT16 8W | HFG | 1h |
| 5ME 221 7-3L2 | 1xT16 8W | HFG | 3h |
| wall installation, visibility range 26m ¹⁾³⁾ | | | |
| non-maintained operation | | | |
| 5ME 232 2-1L2 | 1xT16 8W | inverter | 1h |
| 5ME 232 7-ZL2 | 1xT16 8W | HFG | central |
| 5ME 231 7-3L2 | 1xT16 8W | inverter | 3h |
| maintained operation | | | |
| 5ME 232 2-3L2 | 1xT16 8W | HFG | 1h |
| 5ME 231 7-1L2 | 1xT16 8W | HFG | 3h |

1) please order luminaire and legend panel separately
 2) luminaire dimensions: L x B x H = 390 x 94 x 190mm
 3) luminaire dimensions: L x B x H = 320 x 94 x 150mm

| reference |
|---|
| description of legend panels and installation accessories 9 8 |



ABS Luminaire

features

complete luminaire of robust ABS with opal cover¹⁾ (PMME) and self-adhesive legend foils | combination of reliable T16 lamping with electronic ballast or inverter | self-contained supply with NiCd rechargeable battery | suitable for surface mounted ceiling and wall installation or recessed ceiling installation

visibility range: 14m
 complies with norms DIN EN 1838 and EN60598-2-22
 protection rating: IP40
 protection class: I

benefits

- long service life
- low energy consumption due to reliable ballast electronics
- extensive accessories
conforms to the latest EU guidelines (recognition distance, legends etc.)
- installation- and maintenance-friendly
- selections for monitoring and test functions
- maintenance-free NiCd batteries



1. screw-fastened plastic enclosure

| Order No. | Lamps (W) | CG | Operating Life/ Back-Up Source |
|------------------------------|-----------|----------|--------------------------------|
| ceiling or wall installation | | | |
| non-maintained operation | | | |
| 5ME 142 2-1L | 1xT16 8W | inverter | 1h |
| 5ME 142 1-1L | 1xT16 8W | HFG | 1h |
| 5ME 142 1-ZL | 1xT16 8W | HFG | central |
| 5ME 142 2-3L | 1xT16 8W | inverter | 3h |
| maintained operation | | | |
| 5ME 141 7-1L | 1xT16 8W | HFG | 1h |
| 5ME 141 7-3L | 1xT16 8W | HFG | 3h |

1) inc. 3 legend foils, self-adhesive (arrow right, left and down)
 luminaire dimensions: L x B x H = 352 x 85 x 85mm






reference

installation accessories 9 | 8



Escape Sign Luminaires, Optical Equipment and Installation Accessories

| Luminaire | LED Luminaire | Acrylic Panel Luminaire | Opal Panel Luminaire | ABS Luminaire |
|---|---|--|---|---|
| |  |  |  |  |
| Accessories for Wall Installation | detail | detail | detail | detail |
| wall bracket | | | | |
| at right angles to wall | 5ME 931 1 | 5ME 921 1 | 5ME 911 1 | 5ME 901 1 |
| parallel to wall | 5ME 931 2 | 5ME 921 2 | 5ME 911 2 | |
| recess housing | | | | 5ME 900 1 |
| Accessories for Ceiling Installation | | | | |
| pendant suspension | 5ME 931 3 | | 5ME 911 3 | 5ME 901 3 |
| Attachment Parts | | | | |
| protective basket | | | | 5ME 900 2 |

| Legend Panel | visibility range 28m | visibility range 34m | visibility range 26m 34m | visibility range 14m |
|--------------------------------------|---|-------------------------|-----------------------------|---|
| arrow - down |  | 5ME 992 1 | 5ME 991 1 5ME 993 1 | included in delivery: 3 self-adhesive legend foils |
| arrow - left |  | 5ME 994 3 | 5ME 991 3 5ME 993 3 | |
| arrow - right |  | 5ME 994 4 | 5ME 991 4 5ME 993 4 | |
| arrow - both sides down |  | 5ME 994 1 | | |
| arrow - both sides left/right |  | | 5ME 992 6 | |



| LED Luminaire | | Acrylic Panel Luminaire | | | |
|----------------------|--|--|----|---|--|
| 1 |  | wall bracket for mounting of luminaire at right-angles to wall steel, silver (sim. to RAL 9006) | 5 |  | wall bracket for mounting of luminaire at right-angles to wall steel, white (sim. to RAL 9010) |
| 2 |  | parallel wall bracket for installation of luminaire parallel to wall steel, silver (sim. to RAL 9006) | 6 |  | parallel wall bracket for installation of luminaire parallel to wall steel, white (sim. to RAL 9010) |
| 3 |  | pendant suspension white canopy white pendant, dia. = 13mm drop height: 500mm with screw thread for height adjustment | 7 |  | legend panel with legend PMMA, printed on one side for visibility range 34m symbols: arrow - down arrow - left arrow - right |
| 4 |  | legend panel with legend PMMA, printed on one side for visibility range 28m symbols: arrow - down arrow - left arrow - right | 8 |  | legend panel with legend PMMA, printed on one side for visibility range 34m symbols: arrow - both sides down arrow - both sides left/right |
| Opal Panel Luminaire | | ABS Luminaire | | | |
| 9 |  | wall bracket for installation of luminaire at right-angles to wall steel, silver (sim. to RAL 9006) | 13 |  | wall bracket for installation of luminaire at right-angles to wall steel, white (sim. to RAL 9010) |
| 10 |  | parallel wall bracket for installation of luminaire parallel to wall steel, silver (sim. to RAL 9006) | 14 |  | wall bracket for installation of luminaire at right-angles to wall steel, white (sim. to RAL 9010) |
| 11 |  | pendant suspension white canopy white pendant, dia. = 13mm drop height: 400mm with screw thread for height adjustment | 15 |  | recess housing for recessed wall installation of luminaire sheet steel, white |
| 12 |  | legend panel with legend PMMA, printed on one side for visibility range 26m or 34m symbols: arrow - down arrow - left arrow - right | 16 |  | wire guard to protect against vandalism steel mesh, galvanised |





DUS® Plus Emergency Lighting Element

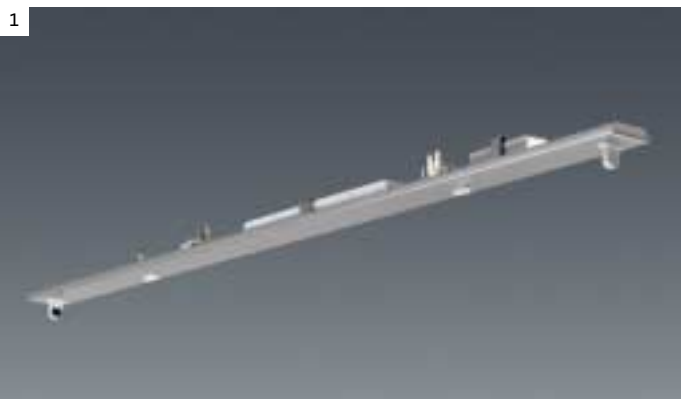
features

DUS®-Plus emergency lighting element for installation on DUS® system track | open lamp distribution* | with HFG** as standard, optionally with or without changeover relay for operation from a second power supply or else with single battery emergency power supply (operating life 1h) | sheet steel silver housing (sim. to RAL 9006)**

protection rating: IP20
protection class: I

benefits

- changeover relay connection with 5-pole plug connector (3-pole 'normal supply' and 2-pole 'emergency supply')
- automatic, optically displayed self-test functioning for single battery (duty period 1h)
- flexible arrangement of luminaire elements (grid dimensions: 307mm)
- flexible electrical connection with circuit selection
- safe and simple installation with metal rotary catches
- NiCd or MiMh high temperature batteries, suitable for maintained and non-maintained operation
- extensive accessories



| Order No. | Lamps (W) | L x B x H (mm) |
|--|---------------|----------------|
| <i>emergency lighting element with changeover relay¹⁾²⁾</i> | | |
| 5LJ 968 7-1UD2 | 1xT16 54W | 1228 60 45 |
| 5LJ 968 7-2UD2 | 2xT16 54W | 1228 60 45 |
| <i>emergency lighting element without changeover relay³⁾³⁾</i> | | |
| 5LJ 968 7-1UD3 | 1xT16 54W | 1228 60 45 |
| 5LJ 968 7-2UD3 | 2xT16 54W | 1228 60 45 |
| <i>emergency lighting element with single battery emergency supply (duty time 1h)⁴⁾</i> | | |
| 5LJ 968 7-1UD01 | 1xT16 54W | 1228 60 45 |
| 5LJ 968 7-1XD01 | 1xT16 80W | 1535 60 45 |
| 5LJ 968 7-2UD01 | 2xT16 54W | 1228 60 45 |
| 5LJ 968 7-2XD01 | 2xT16 80W | 1535 60 45 |
| <i>E27 emergency lighting element</i> | | |
| 5LJ 968 0-0XK | 1xA60 max.60W | 307 60 45 |

- 1) for operation with a second external power supply connection with 7-core wired DUS® system track
- 2) with disconnection of the mains power the changeover relay switches to the terminal block of the second power supply. When the second supply has been activated the fluorescent lamp resumes operation
- 3) luminaire element operated solely with a secondary external power supply
- 4) 4-pole connection in the DUS® system track. With the unconnected phase the battery is charged and the power function is monitored. The luminaire element is constructed for operation with the 5-core wired DUS® system track, circuit selection is only partially possible.

1. DUS® 1x80W emergency lighting element with single battery emergency supply
2. DUS® E27 emergency lighting element with terminal block for second external power supply (with separate, on-site supplementary wiring in the system track)



related products



* can be supplemented with reflectors, specular inserts or louvres
** the luminaires are optionally available in a dimmable version and also in pure white (similar to RAL 9010) as standard (see appendix for order number code)



Monsun® Damp-Proof Luminaire

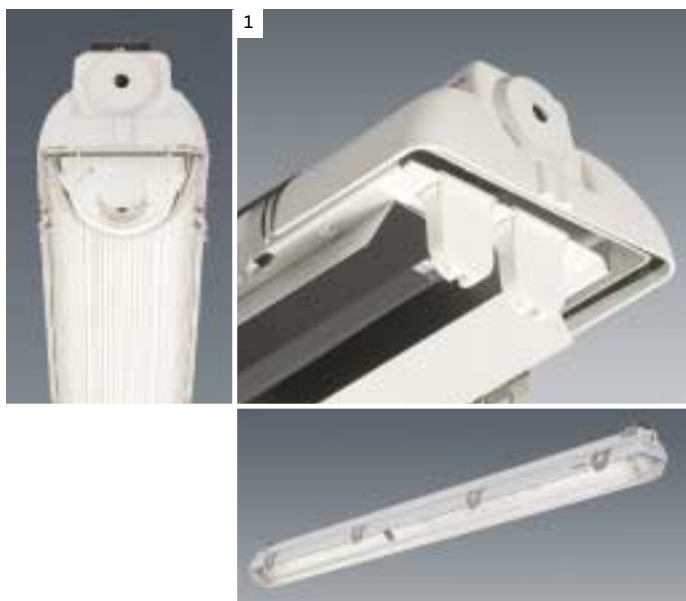
features

Monsun® damp-proof diffuser luminaire, direct wide beam distribution | with injection-moulded prismatic diffuser of PMMA or PC | with HFG and single battery emergency supply (operating life 1h or 3h) | glass-fibre reinforced polyester housing, grey | V₂A diffuser catches

protection rating:
IP65 (PMMA diffuser), IP65.7 (PC diffuser)
protection class: I
(inc. chain hanger)

benefits

- damp-proof diffuser luminaire with high-grade materials and high protection class
- installation-friendly with clips as standard
- light distribution with prisma technology for good, even illumination
- extensive accessories



1. 2-lamp version with specular anodised supplementary reflector (accessory), narrow beam distribution

| Order No. | Lamps (W) | L x B x H (mm) |
|--|-----------|----------------|
| luminaires with single battery emergency supply (duty time 3h) | | |
| PMMA diffuser, IP 65 | | |
| 5LS 412 7-1EA05 | 1xT26 58W | 1577 84 102 |
| 5LS 412 7-2EA05 | 2xT26 58W | 1577 130 110 |
| PC-Wanne, IP65.7 | | |
| 5LS 422 7-1CC05 | 1xT26 36W | 1277 84 102 |
| 5LS 422 7-1EC05 | 1xT26 58W | 1577 84 102 |
| 5LS 422 7-2CC05 | 2xT26 36W | 1277 130 110 |
| 5LS 422 7-2EC05 | 2xT26 58W | 1277 130 110 |
| luminaires with single battery emergency supply (duty time 1h) | | |
| PMMA diffuser, IP 65 | | |
| 5LS 412 7-1EA04 | 1xT26 58W | 1577 84 102 |
| 5LS 412 7-2EA04 | 2xT26 58W | 1577 130 110 |

- with 2-lamp luminaires: in emergency lighting situations operation with one lamp
- 4-pole terminal block (3-pole for normal supply, 1-pole for additional unconnected phase for emergency inverter). With the unconnected phase, the battery is recharged and the power function is monitored.
- inc. V₂A chain hanger
- narrow beam distribution or asymmetrical distribution with supplementary reflector (Monsun® accessory)

related products



■ Monsun® ch. 8



FR200 Damp-Proof Luminaire

features FR200 damp-proof diffuser luminaire | direct wide beam distribution with ceiling illumination | with extruded prismatic diffuser (PMMA) | with HFG and single battery emergency supply (duty time 1h) as standard | glass-fibre reinforced polyester housing, grey

protection rating: IP65
protection class: I

- benefits**
- damp-proof diffuser luminaire with high-grade materials and high protection class
 - light distribution with computer-optimised prism technology creates a pleasant lighting atmosphere
 - extensive accessories



| Order No. | Lamps (W) | L x B x H (mm) |
|---|-----------|----------------|
| Luminaires with single battery emergency supply (duty time 1h) PMMA diffuser, IP65 | | |
| 5LS 322 7-1EA04 | 1 x 58W | 1577 127 108 |
| 5LS 322 7-2EA04 | 2 x 58W | 1577 160 125 |

- with 2-lamp luminaires: in emergency lighting situations operation with one lamp
- 4-pole terminal block (3-pole for normal supply, 1-pole for additional unconnected phase for emergency inverter). With the unconnected phase, the battery is recharged and the power function is monitored.
- narrow beam with supplementary reflector (FR200 accessory)



1. snap-lock catch



related products



FR200 ch. 8



FR100 Damp-Proof Luminaire

features

FR100 damp-proof diffuser luminaire | direct wide beam distribution | with stippled diffuser (PMMA) | with HFG as standard, optionally with single battery emergency supply (duty time 1h or 3hrs) or with E14 emergency lamp socket | glass-fibre reinforced polyester housing, grey

protection rating: IP65

protection class: I

(version with E14 emergency lamp socket: with Osram Halolux T60W tungsten halogen lamp)

benefits

- robust damp-proof diffuser luminaire for challenging industrial uses
- installation-friendly with clips as standard
- for good, even illumination of working areas
- extensive accessories



| Order No. | Lamps (W) | L x B x H (mm) |
|--|--------------------------|----------------|
| luminaires with single battery emergency supply (duty time 3hrs) ¹⁾ | | |
| PMMA diffuser, IP65 | | |
| 5LS 329 7-1EA05 | 1xT26 58W | 1577 105 116 |
| luminaires with single battery emergency supply (duty time 1h) ²⁾ | | |
| PMMA diffuser, IP65 | | |
| 5LS 329 7-1EA04 | 1xT26 58W | 1577 105 116 |
| 5LS 329 7-2EA04 | 2xT26 58W | 1577 136 132 |
| luminaires with E14 emergency lamp socket ²⁾ | | |
| PMMA diffuser, IP65 | | |
| 5LS 329 7-1EA01 | 1xT26 58W + E14 max. 60W | 1577 105 116 |
| 5LS 329 7-2EA01 | 2xT26 58W + E14 max. 60W | 1577 136 132 |

1) with 2-lamp luminaires: in emergency lighting situations operation with one lamp 4-pole terminal block (3-pole for normal supply, 1-pole for additional unconnected phase for emergency inverter). With the unconnected phase, the battery is recharged and the power function is monitored.

2) emergency lighting operation with second, separate power supply (2-pole) for on-site energy supply (inc. Osram Halolux tungsten halogen lamp T60W)

related products



FR100 ch. 8