



L-PLAST 250 BEL

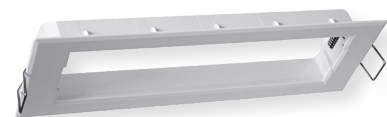
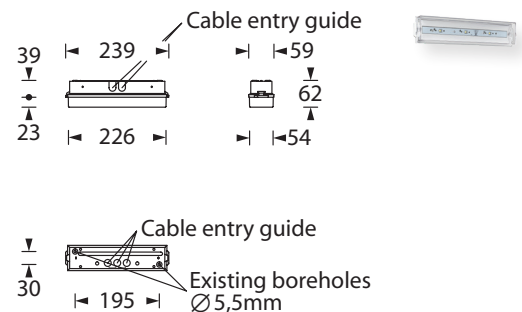
Lean polycarbonate housing in an appealing design for wall or ceiling mounting. Easy to handle locking mechanism without screws. Recessed mounting with optional recessed ceiling frame. Optionally available for wide area or escape route lighting. The luminaire is equipped with a 2 Watt LED-bar.



Technical specifications

| | |
|----------------------|-------------------------------------------------------|
| Connecting terminals | 2 x 2,5 mm ² for double assignment |
| Casing/colour | Polycarbonate / white (light cover clear) |
| Type of assembly | Ceiling or wall mounting (optional recessed mounting) |
| Dimensions (WxHxD) | 239 x 62 x 59 mm |
| Protection class | IP54 |
| Safety class | II |

| | ■ Luminaires for central battery systems | ■ Self contained luminaires |
|---------------------------------------|------------------------------------------|-----------------------------|
| Illuminant | 2W LED-bar | 2W LED-bar |
| Light current | 240lm | 240lm (net) |
| Rated operating time 1h | - | 240lm (emergency) |
| Rated operating time 3h | - | 105lm (emergency) |
| Luminous flux | | |
| Emergency (DC)/mains 1h | - | 100% / 100% |
| Emergency (DC)/mains 3h | - | 45% / 100% |
| Power consumption | 5,5VA | 5,5VA |
| Battery current input | 14mA | - |
| Voltage supply | 230V 50/60Hz / 220V DC +25/-20% | 230V 50/60Hz |
| NiMh-Akku 1h | - | 4,8V 0,8Ah |
| NiMh-Akku 3h | - | 4,8V 0,8Ah |
| Temperature range non-maintained mode | -10°C to +40°C | -0°C to +35°C |
| maintained mode | - | -5°C to +30°C |
| optional: | | |
| Multi-switch and monitoring module | MSÜ3, SET009, SET010 | - |
| Self monitoring | - | SELF CHECK |
| Central monitoring | - | SAFELOG |

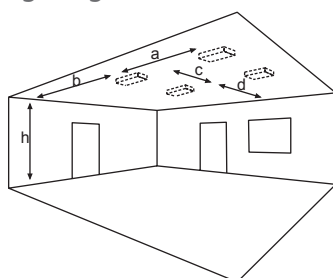


Recessed ceiling frame

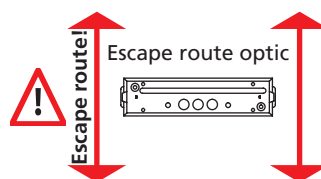
Accessories

| |
|------------------------|
| Chain assembly set |
| Wire guard |
| Cable assembly set |
| Ceiling mounting frame |

Lighting datas and tables of luminaire distances (E = 1,25 lx)



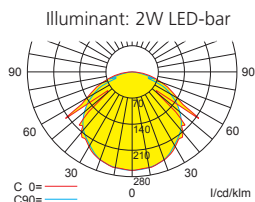
Ceiling mounting



Mounting direction

Luminaires for central battery systems wide area lighting

Distance table for plane emergency routes / distance data in meters

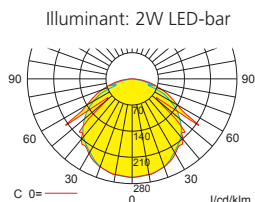


Luminous flux emergency (DC)/mains: 240lm / 240lm

| | | | | | | | | | | | | | | | | | | | |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|
| h | 2,50 | 3,00 | 3,50 | 4,00 | 4,50 | 5,00 | 5,50 | 6,00 | 6,50 | 7,00 | 7,50 | 8,00 | 8,50 | 9,00 | 9,50 | 10,00 | 10,50 | 11,00 | 12,00 |
| a | 7,10 | 7,50 | 8,10 | 8,60 | 8,90 | 9,20 | 9,40 | 9,60 | 9,70 | 9,80 | - | - | - | - | - | - | - | - | - |
| b | 1,80 | 1,90 | 1,90 | 1,90 | 1,80 | 1,70 | 1,60 | 1,40 | 1,00 | 0,40 | - | - | - | - | - | - | - | - | - |
| c | 7,40 | 7,80 | 8,40 | 6,80 | 7,20 | 7,70 | 8,10 | 8,90 | 9,30 | 9,80 | - | - | - | - | - | - | - | - | - |
| d | 1,50 | 1,70 | 1,90 | 1,90 | 1,90 | 1,70 | 1,60 | 1,40 | 1,00 | 0,30 | - | - | - | - | - | - | - | - | - |

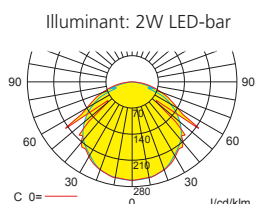
Self contained luminaires wide area lighting

Distance table for plane emergency routes / distance data in meters



Luminous flux emergency/mains: 240lm/240lm - **Rated operating time: 1h**

| | | | | | | | | | | | | | | | | | | | |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|
| h | 2,50 | 3,00 | 3,50 | 4,00 | 4,50 | 5,00 | 5,50 | 6,00 | 6,50 | 7,00 | 7,50 | 8,00 | 8,50 | 9,00 | 9,50 | 10,00 | 10,50 | 11,00 | 12,00 |
| a | 7,10 | 7,50 | 8,10 | 8,60 | 8,90 | 9,20 | 9,40 | 9,60 | 9,70 | 9,80 | - | - | - | - | - | - | - | - | - |
| b | 1,80 | 1,90 | 1,90 | 1,90 | 1,80 | 1,70 | 1,60 | 1,40 | 1,00 | 0,40 | - | - | - | - | - | - | - | - | - |
| c | 7,40 | 7,80 | 8,40 | 6,80 | 7,20 | 7,70 | 8,10 | 8,90 | 9,30 | 9,80 | - | - | - | - | - | - | - | - | - |
| d | 1,50 | 1,70 | 1,90 | 1,90 | 1,90 | 1,70 | 1,60 | 1,40 | 1,00 | 0,30 | - | - | - | - | - | - | - | - | - |

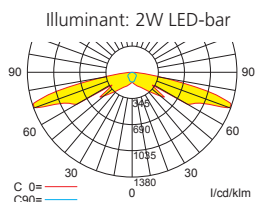


Luminous flux emergency/mains: 105lm/240lm - **Rated operating time: 3h**

| | | | | | | | | | | | | | | | | | | | |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|
| h | 2,50 | 3,00 | 3,50 | 4,00 | 4,50 | 5,00 | 5,50 | 6,00 | 6,50 | 7,00 | 7,50 | 8,00 | 8,50 | 9,00 | 9,50 | 10,00 | 10,50 | 11,00 | 12,00 |
| a | 5,60 | 5,90 | 6,20 | 6,40 | 6,50 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| b | 1,20 | 1,20 | 1,10 | 0,80 | 0,50 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| c | 5,80 | 4,80 | 5,30 | 5,90 | 6,30 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| d | 1,30 | 1,20 | 1,10 | 0,80 | 0,50 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

Luminaires for central battery systems escape route optic

Distance table for plane emergency routes / distance data in meters

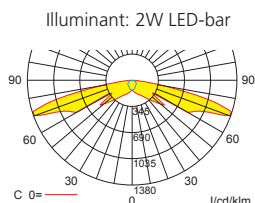


Luminous flux emergency (DC)/mains: 240lm / 240lm

| | | | | | | | | | | | | | | | | | | | |
|---|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|-------|-------|-------|-------|
| h | 2,50 | 3,00 | 3,50 | 4,00 | 4,50 | 5,00 | 5,50 | 6,00 | 6,50 | 7,00 | 7,50 | 8,00 | 8,50 | 9,00 | 9,50 | 10,00 | 10,50 | 11,00 | 12,00 |
| a | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| b | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| c | 18,60 | 20,90 | 21,50 | 22,00 | 13,30 | 14,20 | 14,20 | 14,10 | 7,00 | - | - | - | - | - | - | - | - | - | - |
| d | 7,60 | 8,70 | 4,90 | 5,30 | 5,70 | 5,70 | 5,70 | 4,70 | 4,50 | - | - | - | - | - | - | - | - | - | - |

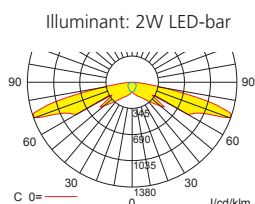
Self contained luminaires escape route optic

Distance table for plane emergency routes / distance data in meters



Luminous flux emergency/mains: 240lm/240lm - **Rated operating time: 1h**

| | | | | | | | | | | | | | | | | | | | |
|---|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|-------|-------|-------|-------|
| h | 2,50 | 3,00 | 3,50 | 4,00 | 4,50 | 5,00 | 5,50 | 6,00 | 6,50 | 7,00 | 7,50 | 8,00 | 8,50 | 9,00 | 9,50 | 10,00 | 10,50 | 11,00 | 12,00 |
| a | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| b | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| c | 18,60 | 20,90 | 21,50 | 22,00 | 13,30 | 14,20 | 14,20 | 14,10 | 7,00 | - | - | - | - | - | - | - | - | - | - |
| d | 7,60 | 8,70 | 4,90 | 5,30 | 5,70 | 5,70 | 5,70 | 4,70 | 4,50 | - | - | - | - | - | - | - | - | - | - |



Luminous flux emergency/mains: 105lm/240lm - **Rated operating time: 3h**

| | | | | | | | | | | | | | | | | | | | |
|---|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|
| h | 2,50 | 3,00 | 3,50 | 4,00 | 4,50 | 5,00 | 5,50 | 6,00 | 6,50 | 7,00 | 7,50 | 8,00 | 8,50 | 9,00 | 9,50 | 10,00 | 10,50 | 11,00 | 12,00 |
| a | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| b | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| c | 14,30 | 13,50 | 9,90 | 9,60 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| d | 3,50 | 3,60 | 3,60 | 2,70 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |