

3W
LED

IP40



INSTAR EQ

Almost flush ceiling luminaire body made of die-cast aluminum, powder-coated in white in square version for recessed mounting in one-gang boxes.

Pre-assembled optic for wide area illumination, optic for escape route illumination enclosed.

A square construction set for ceiling mounting, made of aluminum die-cast, is available as an option.

Technical specifications

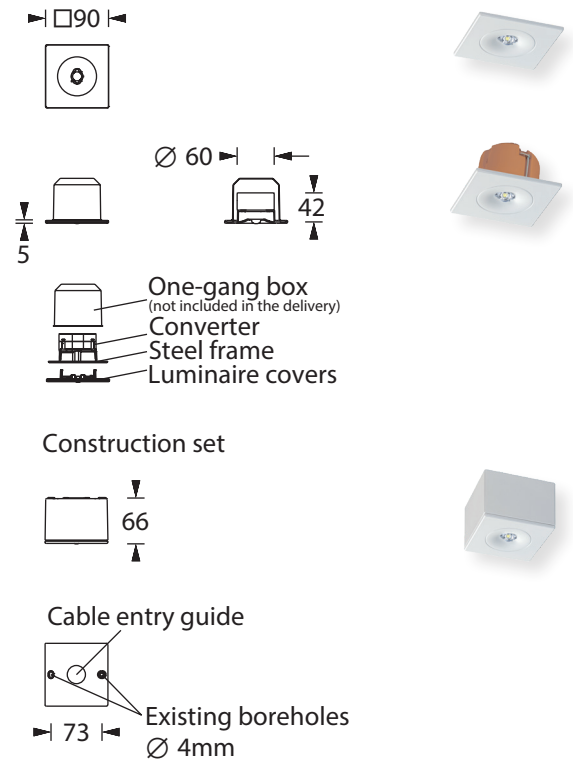
| | |
|----------------------|---|
| Connecting terminals | 2 x 2,5 mm ² for double assignment |
| Casing/colour | Aluminum die-cast / white |
| Type of assembly | Recessed ceiling mounting |
| Dimensions W x H x D | 90 x 47 x 90 mm |
| Protection class | IP40 |
| Safety class | II |



| | |
|---|---------------------------------|
| ■ Luminaires for central battery systems | |
| Illuminant | 3W LED |
| Light current | 240lm |
| Power consumption | 6VA |
| Battery current input | 15mA |
| Voltage supply | 230V 50/60Hz / 220V DC +25/-20% |
| Temperature range | -10°C to +40°C |
| optional: | |
| Multi-switch and monitoring module | ELC, MSÜ3 SET010 |

Accessories ¹⁾

Construction set, square



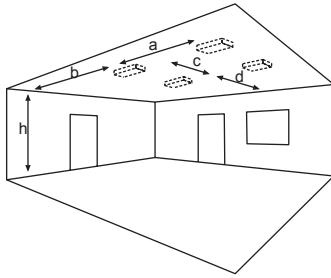
Inspected device boxes from the Kaiser company ¹⁾

| | |
|--|--|
| One-gang boxes for cavity wall installation | Kaiser Art. No.: 9264-22 or another make with min. 61 mm depth and the same clear inside diameter, ceiling cutout Ø 68 mm |
| One-gang boxes for flush-mounting installation | Kaiser Art. No.: 1555-04 or another make with min. 66 mm depth and the same clear inside diameter, ceiling cutout Ø 60 mm |
| One-gang boxes for on-side mixed concrete | Kaiser Art. No.: 1260-01 or another make with min. 79 mm depth and the same clear inside diameter, ceiling cutout Ø 60 mm |
| Ceiling boxes for ceiling formwork | Kaiser Art. No.: 1227-50 or another make with min. 115 mm depth and the same clear inside diameter, ceiling cutout Ø 60 mm |
| Fire-protection boxes | Kaiser Art. No.: 9464-50 or another make with min. 55 mm depth and the same clear inside diameter, ceiling cutout Ø 74 mm |

¹⁾ not included in the delivery

Technische Änderungen vorbehalten/Technical changes reserved

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



Ceiling mounting

■ Luminaires for central battery systems Wide area optic

Distance table for plane emergency routes / distance data in meters

Illuminant: 3W LED
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 | 9,40 | 10,60 | 11,50 | 12,20 | 12,90 | 13,30 | 9,50 | 8,50 | 7,40 | 6,00 | - | - | - | - | - | - | - | - | - | - |
| b | 4,10 | 4,40 | 4,60 | 4,80 | 4,40 | 2,50 | 1,50 | 1,00 | 0,90 | 0,80 | - | - | - | - | - | - | - | - | - | - |
| c | 9,40 | 10,60 | 11,50 | 12,20 | 12,90 | 13,30 | 9,50 | 8,50 | 7,40 | 6,00 | - | - | - | - | - | - | - | - | - | - |
| d | 4,10 | 4,40 | 4,60 | 4,80 | 4,40 | 2,50 | 1,50 | 1,00 | 0,90 | 0,80 | - | - | - | - | - | - | - | - | - | - |

■ Luminaires for central battery systems Escape route optic

Distance table for plane emergency routes / distance data in meters

Illuminant: 3W LED
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 | 17,70 | 19,80 | 21,60 | 23,60 | 25,50 | 27,00 | 28,20 | 17,70 | 14,80 | 14,80 | 13,10 | 6,00 | - | - | - | - | - | - | - | - |
| b | 7,70 | 8,70 | 9,60 | 10,10 | 10,40 | 10,30 | 9,10 | 6,20 | 6,20 | 6,00 | 6,00 | 6,00 | - | - | - | - | - | - | - | - |
| c | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| d | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |