



The AL series - extremely flat luminaires with broad light distribution

# LED luminaires with an extremely flat design

B.E.G.'s surface-mount luminaires AL8 and AL12 offer an attractive design in combination with modern LED technology. The robust flat polycarbonate diffuser provides rooms with an even light distribution that is easy on the eye. The premium-quality, economical LEDs and the dimmable driver offer high light output with low energy consumption.

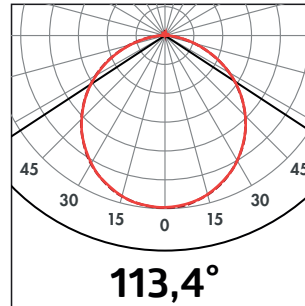
The wide light distribution of 120° assures the illumination of a large surface. Premium-quality economical LEDs guarantee a 40000 hour service life and offer high light output for low energy consumption.

h (m)	Ø (m)	E (lx)
1,0	3	874
2,0	6,1	219
3,0	9,1	97
4,0	12,2	55
5,0	15,2	35

## Typical applications:

Stairways, hallways, cellars, garages, store-rooms, and all interior and exterior areas in which energy-saving lighting is required.

Angle of radiation



# AL8-25-300-LEDN-HF with (HF) microwave detector



- Surface height of only 48 mm, flat diffuser for modern design
- Case made of robust polycarbonate with high fire protection rating (V0).
- Integrated (HF) microwave detector, not externally visible, wide detection range
- DIP switches to set follow-up time, switch-on threshold and sensor sensitivity
- Service life over 40000 hours
- Simple mounting with separate mounting bracket
- Protection ring against vandalism available as accessory

## Technical data

- Voltage: 200 – 240 V AC, 50Hz
- Power consumption: 25 W
- Luminous flux: 2100 lm
- Luminous intensity: 4000 K
- Colour reproduction: > CRI 80
- Dimensions: Ø 300 x 48 mm
- Degree / class of protection: IP20 / II
- Impact protection: IK08 (5.0 Joule)
- Photobiological safety: RG 0

## (HF) microwave detector

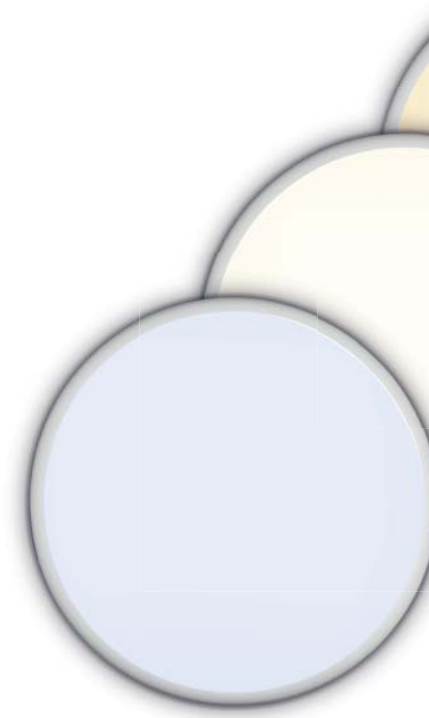
- Detection area: 360°
- Range: Ø 2-12 m

# AL8-25-300-LED-3C

- Surface height of only 40 mm, flat diffuser for modern design
- Case made of robust polycarbonate with high fire protection rating (V0).
- 3 colours in one light, switchable selection between warm white, neutral white and daylight white.
- Service life over 40000 hours
- Simple mounting with separate mounting bracket
- Protection ring against vandalism available as accessory

## Technical data

- Voltage: 200 – 240 V AC, 50Hz
- Power consumption: 25 W
- Luminous flux: 2000 lm/2100 lm/2120 lm
- Luminous intensity: 3000 K / 4000 K / 5700 K
- Colour reproduction: > CRI 80
- Dimensions: Ø 300 x 40 mm
- Degree / class of protection: IP54 / II
- Impact protection: IK08 (5.0 Joule)
- Photobiological safety: RG 0



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- Surface height of only 48 mm, flat diffuser for modern design
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- Colour reproduction: > CRI 80
- Dimensions: Ø 300 x 48 mm
- Degree / class of protection: IP20 / II
- Impact protection: IK08 (5.0 Joule)
- Photobiological safety: RG 0

## (HF) microwave detector

- Detection area: 360°
- Range: Ø 2-12 m

AL8-25-300-LED-3C, Part no. 93621

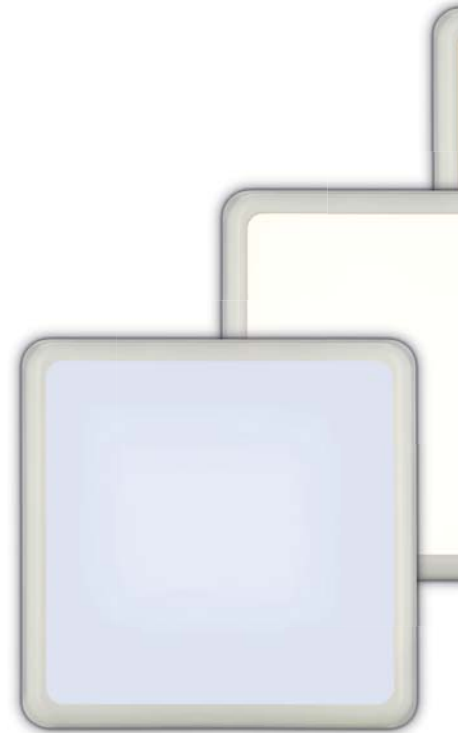
AL8-25-300-LED-3C-HF, Part no. 93141

# AL12-25-300-LED-3C

- Surface height of only 40 mm, flat diffuser for modern design
- Case made of robust polycarbonate with high fire protection rating (V0).
- 3 colours in one light, switchable selection between warm white, neutral white and daylight white.
- Service life over 40000 hours
- Simple mounting with separate mounting bracket

## Technical data

- Voltage: 200 – 240 V AC, 50Hz
- Power consumption: 25 W
- Luminous flux: 2000 lm/2100 lm/2120 lm
- Luminous intensity: 3000 K/ 4000 K/ 5700 K
- Colour reproduction: > CRI 80
- Dimensions: 300 x 300 x 40 mm
- Degree / class of protection: IP54 / II
- Impact protection: IK08 (5.0 Joule)
- Photobiological safety: RG 0



# AL12-25-300-LED-3C-HF



- Surface height of only 48 mm, flat diffuser for modern design
- Case made of robust polycarbonate with high fire protection rating (V0).
- 3 colours in one light, switchable selection between warm white, neutral white and daylight white.
- Integrated (HF) microwave detector, not externally visible, wide detection range
- DIP switches to set follow-up time, switch-on threshold and sensor sensitivity
- Service life over 40000 hours
- Simple mounting with separate mounting bracket

## Technical data

- Voltage: 200 – 240 V AC, 50Hz
- Power consumption: 25 W
- Luminous flux: 2000lm/2100lm/2120lm
- Luminous intensity: 3000 K / 4000 K / 5700 K
- Colour reproduction: > CRI 80
- Dimensions: 300 x 300 x 48 mm
- Degree / class of protection: IP20 / II
- Impact protection: IK08 (5.0 Joule)
- Photobiological safety: RG 0

## (HF) microwave detector

- Detection area: 360°
- Range: Ø 2-12 m

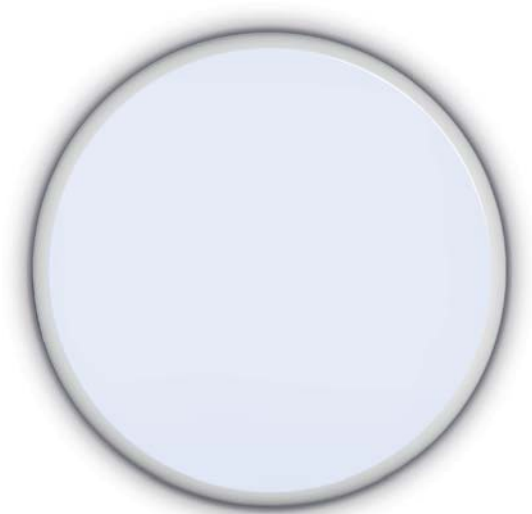
AL12-25-300-LED-3C, Part no. 93615

AL12-25-300-LED-3C-HF, Part no. 93145



# Flat design-broad light distribution

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