

# BUBBLE

## trimless

[xal.com/bubble](http://xal.com/bubble)



### Quickinfo

#### GENERAL

recessed  
IP20  
plasterboard ceilings only

#### LED

Mid-power LED  
up to 116lm/W  
3000K, 4000K  
CRI ≥ 80  
Binning initial ≤ 3 MacAdam

#### ESTIMATED LED LIFETIME

L90 / 50000h

#### OPTICAL

direct illumination  
uniform illumination  
offset PMMA cover opal

#### ELECTRICAL

non DIM, DIM DALI  
DALI: CLO

#### PHYSICAL

gypsum housing  
luminaire housing aluminium  
halogen-free cable

#### BUBBLE

trimless  
spotlight  
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### Description

**DE** Hyperbolisch geformtes Einbaugehäuse aus Gips (übermalbar) mit aufgesetztem Leuchtenkörper aus Aluminium; geeignet für randlosen Einbau in Gipskartondecken in den Stärken 12,5, 15 oder 25 mm; Bubblegehäuse und Leuchtgehäuse für Deckeneinbau vorab lieferbar; Lichteinsatz bestehend aus Konvertereinheit und Platineneinheit; werkzeuglose mechanische Verbindung mittels Drehverschluss; elektrische Verbindung mittels verpolungssicherem Steckersystem; hochreflektierende Beschichtung für verbesserten Wirkungsgrad; absolut homogen ausgeleuchtete, satinierte PMMA-Abdeckung, werkzeuglos abnehmbar für einfache Wartung; gleiche Leuchtdichte bei allen Flächenleuchten; energieeffiziente LEDs mit sehr guter Farbwiedergabe; Binning initial ≤ 3 MacAdam; lieferbar in den Lichtfarben 3000K und 4000K; CRI ≥ 80; min. 90% des Lichtstromes nach 50000h Lebensdauer; Leuchte mit 2 Kabelöffnungen und Steckklemme für Durchgangsverdrahtung; Schutzart IP20; SK I; DALI-dimmbar mit CLO-Funktion; optional nicht dimmbar

**EN** Hyperbolic shaped, square recessed housing made of plaster (paintable) with mounted aluminium luminaire housing; suitable for trimless installation in plasterboard ceilings with thickness of 12.5, 15 or 25 mm; Bubble and luminaire housing for recessed mounting available in advance; lighting insert consisting of converter unit and circuit board unit; mechanical connection without tools using twist closure; electrical connection by means of reverse polarity protected plug system; highly reflective coating for improved efficiency; completely homogeneously illuminated, satinised PMMA cover, removable without tools for easy maintenance; same luminance for all flat luminaires; energy-efficient LEDs with very good colour rendering; binning initial ≤ 3 MacAdam; available in the light colours 3000K and 4000K; CRI ≥ 80; min. 90% of the luminous flux after 50000 hours; luminaire with 2 cable openings and plug-in terminals for through wiring; protection class IP20; PC I; DALI dimmable with CLO function; optional non-dimmable

### Features



skimmed into plasterboard ceiling (trimless)

### Standard configuration

COLOUR TEMPERATURE ⋮  
3000K  5

CONTROL ↕  
DIM DALI / CLO  3

MATERIAL COLOUR  
white  7



LIGHT OPTIC COVER  
opal

### Extended configuration

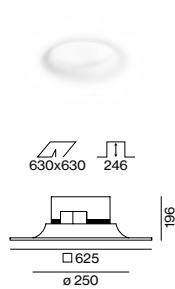
COLOUR TEMPERATURE ⋮  
4000K  6

CONTROL ↕  
non DIM  1

### Options on request

COLOUR RENDERING INDEX  
CRI ≥ 90

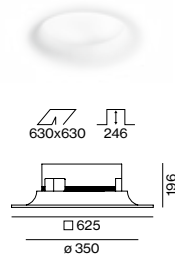
EMERGENCY LIGHT  
 1h accupack  
 3h accupack



### BUBBLE 250 trimless



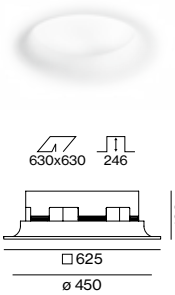
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
9W	3000K	940lm	0 6 3 - 9 1 2 6 ⋮ 7 O
	4000K	1000lm	



### BUBBLE 350 trimless



SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
19W	3000K	1990lm	0 6 3 - 9 1 3 6 ⋮ 7 O
	4000K	2120lm	

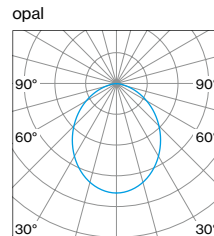


### BUBBLE 450 trimless



SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
27W	3000K	2980lm	0 6 3 - 9 1 4 6 ⋮ 7 O
	4000K	3160lm	

### LIGHT DISTRIBUTION



## Inspiration

SCOPE architekten  
Stuttgart, Germany

**ARCHITECT**  
SCOPE architekten  
Stuttgart, Germany

**PRODUCT**  
BUBBLE trimless  
customised





## Inspiration

Sparkasse  
Dachau, Germany

**PRODUCT**  
BUBBLE trimless  
TASK suspended

**ARCHITECT**  
G.H.K Architekten  
Dachau, Germany

