



This convenient and functional solution is mostly suitable for low-cost, quick installation in areas where visual comfort should integrate with reduced cost and consumption.



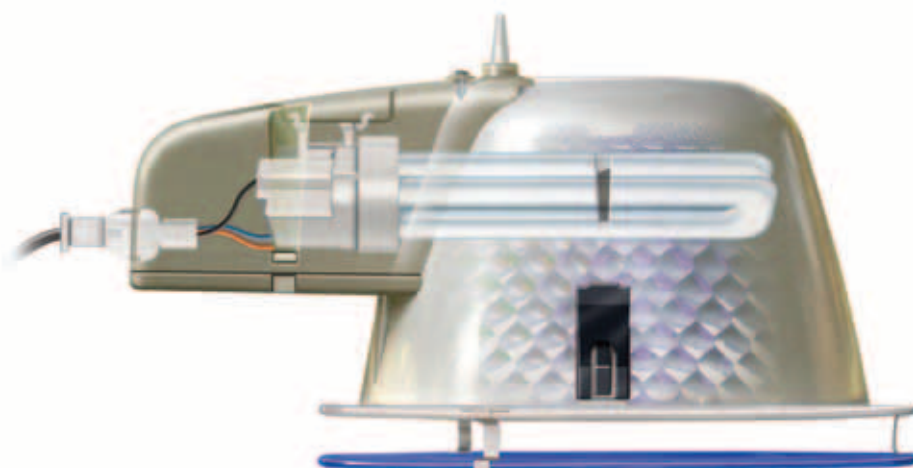
The technical solutions used to design and develop the Optimal recessed luminaire allowed to create a product which combines high lighting performance, long life, and easy installation and maintenance.

This very light luminaire can be mounted into false-ceilings of different types and depth in a simple and quick way, without using any tools thanks to its adjustable springs. The quick locking system joining the luminaire and ballast ensure quick and easy electrical connections.

The wide range of accessories provide different and custom solutions, including decoration rings in white or coloured satinated glass, glass and opal polycarbonate diffusers, and anti-glare shields.

Technical specifications

Optimal is a recessed luminaire which ensures low consumption costs using compact fluorescent lamps and built-in ballast. The structure is made of self-extinguishing thermoplastic material. The reflector is made of vacuum metalised polycarbonate, with high specularity and performance anti-scratch treatment. This family of recessed luminaires includes electromechanical, PF-corrected electromechanical and emergency electronic ballasts.










Optical components and light sources

Vacuum metalised polycarbonate optical components (Vo-UL-94, incandescent wire test at 960° - GWT), with anti-scratch treatment, high specularity and performance.

The luminaires use compact fluorescent lamps (1/2 x 13, 18, 26 W G24d-1/2/3, G24q-1/2/3, GX24d-2/3, GX24q-2/3).

FLUORESCENT LAMPS

	FSQ (TC-D) - G24d-1	13W
	FSQ (TC-D) - G24d-2	18W
	FSQ (TC-D) - G24d-3	26W
	FSM (T) - GX24d-2	18W
	FSM (T) - GX24d-3	26W

Structural features

Installation: recessed

Luminaire housing: self-extinguishing thermoplastic material

Optical component: metalised polycarbonate

Light sources: compact fluorescent lamps

Finishing: white

Accessories: decoration rings in white or coloured satinated glass, glass or opal polycarbonate diffusers, and anti-glare shields

Protection class: IP23/IP44

Insulation class: II


Power supply: 230V - 50 Hz.



Optimal is the right solution for installation needs requiring quality performance and reduced installation, maintenance and usage costs.

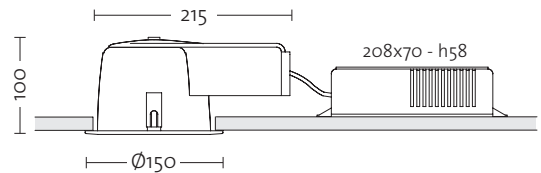


Fixed recessed mounting luminaire for compact fluorescent lamps. It comes complete with ballast.

CODE	DESCRIPTION	
7400	Electromechanical ballast FSQ (TC-D) - 13W - GX24d-1	
7400 EL	Electronic ballast FSQH (TC-D) - 13W - GX24q-1	
7400 EM	Emergency electronic ballast FSQH (TC-D) - 13W - GX24q-1 230V - 50Hz Colours: o1 IP 43 Weight 0.75 Kg	
7401	Electromechanical ballast FSM (T) - 18W - GX24d-2	
7401 EL	Electronic ballast FSMH (T) - 18W - GX24q-2	
7401 EM	Emergency electronic ballast FSMH (T) - 18W - GX24q-2 230V - 50Hz Colours: o1 IP 43 Weight 0.76 Kg	
7402	Electromechanical ballast FSM (T) - 26W - GX24d-3	
7402 EL	Electronic ballast FSMH (T) - 26W - GX24q-3	
7402 EM	Emergency electronic ballast FSMH (T) - 26W - GX24q-3 230V - 50Hz Colours: o1 IP 43 Weight 1.00 Kg	

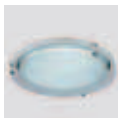


DIMENSIONS (mm)

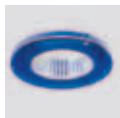


ACCESSORIES

FOR CODE 7400, 7401, 7402	
550	Sand-blasted glass louver
551	White glass ring
552	Blue glass ring



550



552



551

NOTES

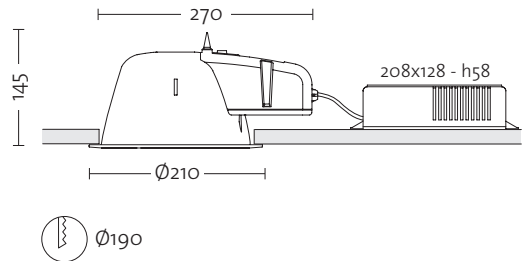
o1 white
Photometric curves – see chapter

Fixed recessed mounting luminaire for compact fluorescent lamps.
It comes complete with ballast.

CODE	DESCRIPTION	
7420	Electromechanical ballast FSQ (TC-D) - 2 x 13W - G24d-1	
7420 C	Power-factor-corrected electromechanical ballast FSQ (TC-D) - 2 x 13W - G24d-1	 78 CE
7420 EL	Electronic ballast FSQH (TC-D) - 2 x 13W - G24q-1	
7420 EM	Emergency electronic ballast FSQH (TC-D) - 2 x 13W - G24q-1 230V - 50Hz Colours: 01 IP 23 Weight 1.40 Kg	
7421	Electromechanical ballast FSQ (TC-D) - 2 x 18W - G24d-2	
7421 C	Power-factor-corrected electromechanical ballast FSQ (TC-D) - 2 x 18W - G24d-2	 79 CE
7421 EL	Electronic ballast FSQH (TC-D) - 2 x 18W - G24q-2	
7421 EM	Emergency electronic ballast FSQH (TC-D) - 2 x 18W - G24q-2 230V - 50Hz Colours: 01 IP 23 Weight 1.40 Kg	
7422	Electromechanical ballast FSQ (TC-D) - 2 x 26W - G24d-3	
7422 C	Power-factor-corrected electromechanical ballast FSQ (TC-D) - 2 x 26W - G24d-3	 80 CE
7422 EL	Electronic ballast FSQH (TC-D) - 2 x 26W - G24q-3	
7422 EM	Emergency electronic ballast FSQH (TC-D) - 2 x 26W - G24q-3 230V - 50Hz Colours: 01 IP 23 Weight 1.80 Kg	



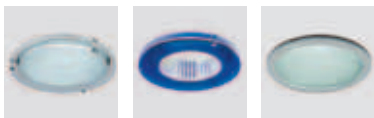
DIMENSIONS (mm)



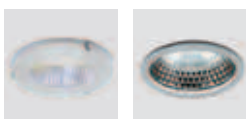
ACCESSORIES

FOR CODE 7420, 7421, 7422

- 560 Sand-blasted glass louver - (IP43)
- 561 White glass ring - (IP43)
- 562 Blue glass ring - (IP43)
- 574 Anti-glare shields - (IP43)
- 576 Opal louver - (IP43)



560 561 562



574 576

NOTES

- 01 white
- Photometric curves – see chapter

