

# Crystal Precious Efficiency

Lighting innovation for people.



**Crystal**  
Precious Efficiency

The innovative optic combines aesthetic and performance functions, embellishing the ceiling and the setting, as well ensuring excellent visual comfort and lighting efficiency.

Up to **155** lm/W





# Design

## Essential form and rich aesthetics

The essential, linear form combines with an impressive aesthetic finish where light creates a magical play of reflections. The frame gathers the light emitted by the reflector and spreads it over the ceiling, thereby combining decor and function for even better spatial perception. The rounded corner refines the outline to achieve a more fluid, soft and reassuring appearance

recalling the harmony of natural elements Softer colours shaded by the transparency of the optics to enhance depth and prestige. The two finishes add character to the setting while always being elegant and neutral. Maximum compactness ensuring minimal use of material, thereby facilitating sustainability and installation flexibility, even with small false ceilings.





## Spaciousness effect

Opti Diamond revolutionizes the visual perception of space and enhances well-being and efficiency.





# The right light

## Optical flexibility and smart management.

Crystal highlights the three-dimensional nature of space through light, setting luminance levels over various levels and ensuring excellent visual comfort. These extraordinary optical capabilities are the outcome of innovative and patented Opti Diamond optical technology available with four different light emission solutions to optimize lighting as needed. Distribution with  $UGR < 19$ , oval distribution, general lighting and wall washer - to offer optical and applicational multiplicity. In addition, Crystal can use the

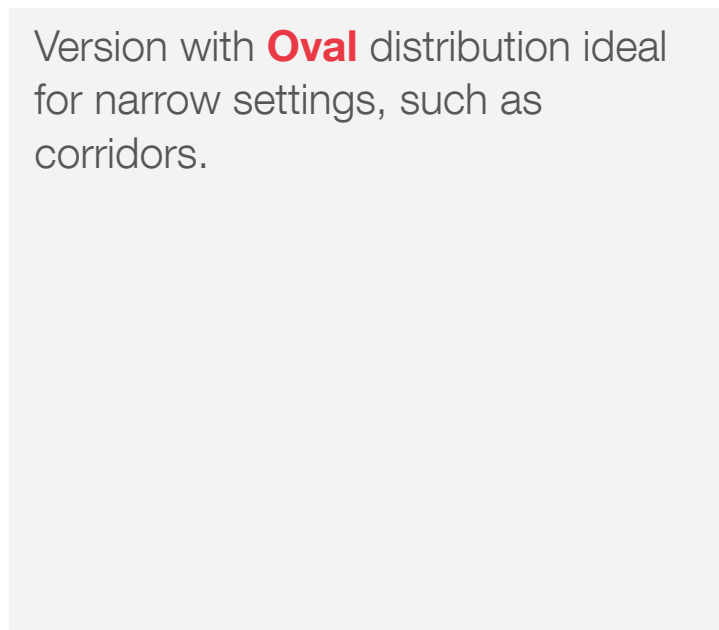
Dali-Bluetooth interface to program and manage light in a smart manner, simply using the Smart Light Control App that can be downloaded to any device. Lastly, thanks to the built-in beacons, it is possible to send digital information, such as push notifications, or enable indoor navigation, directly on smartphones, as well as collect data for space management. All these solutions are available with two finishes to ensure maximum visual and aesthetic integration.



Version ensuring excellent efficiency and visual comfort, with **UGR<19.**



The **general lighting** version for uniform lighting of spaces.



Version with **Oval** distribution ideal for narrow settings, such as corridors.



The **Wall Washer** version to direct light predominantly in the vertical plane.



# Designed to be sustainable

Minimised consumption of energy and recycled, recyclable and long-lasting materials.

More than 90% of the environmental impact of a lighting fixture derives \* from its use. Crystal achieves exceptional lighting efficiency values, of up to 155 lm/W, through variable management of the luminous flux. It is precisely through responsible use of light that the environmental impact of a lighting fixture can be significantly reduced. Crystal is also made using materials that are 100% recyclable and, where possible, themselves recycled in optimal percentages, i.e. without affecting performance

- which, as already mentioned, is the aspect that most affects environmental impact. Electricity consumption to produce Crystal is also significantly reduced thanks to the construction and use a large photovoltaic system (about 7,000 solar panels) which has met more than 20% of our needs since 2011 in our Recanati factory, while also avoiding the release of 878,50 tonnes/year of equivalent CO2 into the atmosphere\*\*.

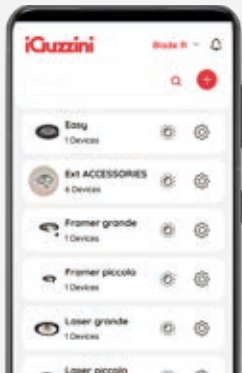
- 1. Aluminium body (76.2% recycled, 100% recyclable)
- 2. Die-cast moulded zamak caps (95% recycled, 100% recyclable),
- 3. Steel wire springs (100% recyclable).
- 4. Optic in PMMA (100% recyclable), Cover in PET (85% recycled; 100% recyclable) Raster in PMMA (100% recyclable)



**Maximum compactness**  
(only 58 cm) ensuring minimal use of material, thereby facilitating sustainability and installation flexibility, even with small false ceilings



**Smart lighting management**  
Variable light management optimizes consumption and provides lighting only when needed. Bluetooth control makes programming and light control management extremely simple. The Smart Light Control App means that light is just one click away!



**iGuzzini Smart Light**  
on Play Store / App Store



**Smart Services**  
Thanks to the beacons incorporated in smart devices, it is possible to send digital information, such as push notifications, or enable indoor navigation, directly on smartphones, as well as collect space management data.



\* data may differ from country to country in relation to the energy mix adopted.

\*\* Data from the GHG report developed for our Recanati Plant in 2022.



# Overview

## Crystal



### UGR < 19 / Oval / General lighting

**196 x 76 mm**  
8,5W - 1355 lm  
3000K/3500K/4000K  
CRI 90/CRI80  
Tunable white CRI90



**376 x 76 mm**  
20W - 2741 lm  
3000K/3500K/4000K  
CRI 90/CRI80  
Tunable white CRI90



**556 x 76 mm**  
29W - 4120 lm  
3000K/3500K/4000K  
CRI 90/CRI80  
Tunable white CRI90



### Wall Washer

**196 x 76 mm**  
9 W - 805 lm  
3000K/3500K/4000K  
CRI 90/CRI80  
Tunable white CRI90



**376 x 76 mm**  
15 W - 1605 lm  
3000K/3500K/4000K  
CRI 90/CRI80  
Tunable white CRI90



**556 x 76 mm**  
22,5 W - 2400 lm  
3000K/3500K/4000K  
CRI 90/CRI80  
Tunable white CRI90





