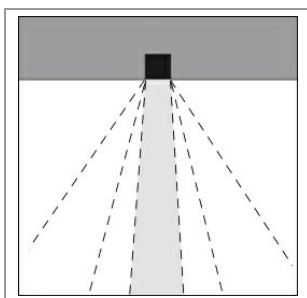
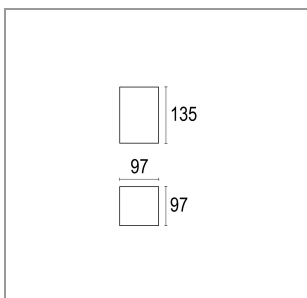
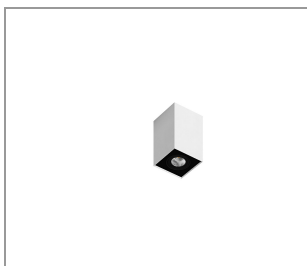


Designer: Lucitalia Design Studio

BOX 1C OR SQ 1L



Code LL2091.45XXXXXUX

Series of ceiling fixtures with a simple and clean geometric design. Designed for lighting residential and commercial spaces, are available in various configurations. In the Box 1 and Box 2 versions, the optic is adjustable and easily replaceable thanks to the twist and lock system. Different types of optics and accessories are available for the best light control. Thanks to a wide range of finishes, metallic and textured, it allows total versatility in every context.

Constructive & Dimensional

Construction material	Steel, Aluminum
Length [mm]	97
Width [mm]	97
Height / Projection [mm]	135

Electrical

Number of heads	1
Description	1 x GU10 - Max 10 LED Retrofit 1 x 600 lm
Operation Range	110-120 V - 50/60 Hz
Number of circuits	1
Driver positioning	Integral
Control gear type	Electronic
Dimmer type	Not dim
Emergency	Not available
Ambient temperature operating range [°C]	-20 °C ÷ +35 °C

Optical

Beam angle [°]	8°/24°/38°
Light distribution	Symmetrical medium flood (15° - 45°)
Beam directionability	Adjustable
Swivel [°]	+/- 15°
Rotation [°]	+/- 360°

Lighting Source

Light source	LED Retrofit
Type of bulb or LED	PAR16 LED
Light source [W]	GU10 - Max 10
Lampholder	GU10
Nominal LED emission [Lm]	600 lm
LED voltage range [V]	220-240V
LED voltage range [V]	220-240V
Luminaire emission [lm]	1 x 600
LED / Bulb	Not included

Standard Colors

- .01 White (matt)
- .02 Black (matt)
- .19 Light grey (matt)

Accessories



Black Glass Box 1 1L SQ AC20983.02 White Glass Box 1 1L SQ AC20983.01

I dati fotometrici presenti nel sito si riferiscono al flusso della sorgente; consultate i file tecnici fotometrici per il flusso nominale dell'apparecchi.
The photometric data provided on this website are referred to the light source; the photometric data, of the luminaire, can be checked on the specific photometric file.

Lighting Designer Approval

Type: _____ Code: LL2091.45XXXXXXUX

Company: _____ Name: _____ Last Name: _____

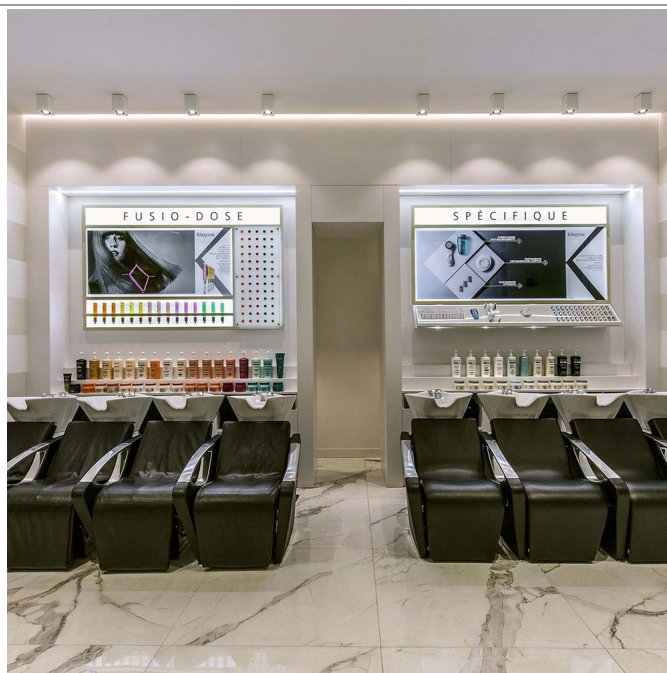
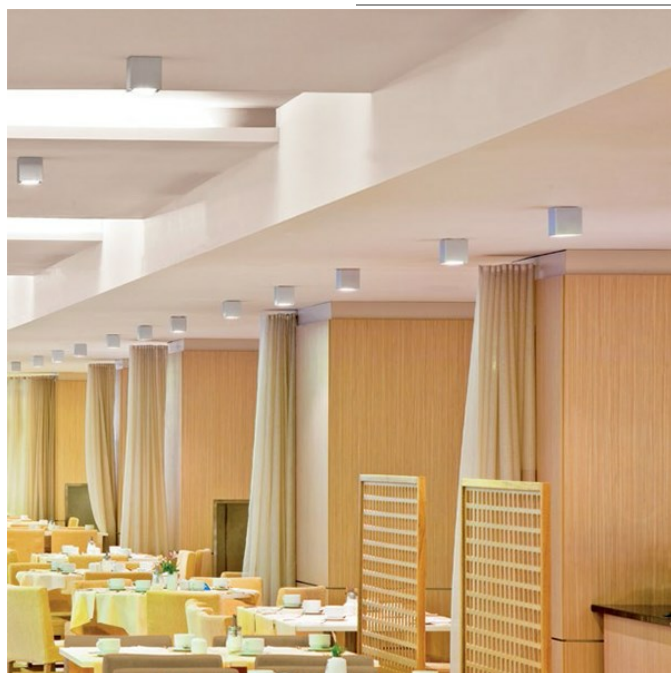
Position: _____ E-mail: _____ Phone: _____

Place: _____ Date: _____

Stamp / Sign: _____

This data sheet and all the information is property of Ghidini Lighting s.r.l. All rights reserved.
We reserve the right to change specifications without prior written notice.

Product Details



I dati fotometrici presenti nel sito si riferiscono al flusso della sorgente; consultate i file tecnici fotometrici per il flusso nominale dell'apparecchi.
The photometric data provided on this website are referred to the light source; the photometric data, of the luminaire, can be checked on the specific photometric file.

Product Quality

<p>Mechanical components</p>	<p>The main components of Ghidini and Lucitalia products are made of aluminum. Ghidini selects and uses the best alloys with a low copper content that guarantee a very high resistance to oxidation. The minor components are instead made of stainless steel. Aluminum, in addition to being known for its softness, lightness and mechanical resistance, is also an exceptional thermal conductor. Thermal conductivity is a fundamental and necessary quality for the dissipation of the heat generated by LEDs. Maintaining an optimal operating temperature of the LED ensures a longer life over the years in terms of light quality and less loss of luminous flux. Raw aluminum is processed through various industrial production processes, such as die casting, extrusion or molding. It is used for vital structural components also for the aerospace industry and in many other sectors in which lightness, durability and strength are necessary. Furthermore, aluminum is completely recyclable.</p>
<p>Mechanical components protection and painting process</p>	<p>The painting process is based on years of research and experience to protect the lighting fixtures and make them withstand various climatic conditions and the aggressiveness of atmospheric agents. The quality of the paints used is based on multiple phases. The essential steps include: alkaline degreasing, acid deoxidation, demineralized rinsing, Nano-ceramic conversion, demineralized rinsing, drying and painting. The "Alodine" conversion process is a pre-painting process of aluminum and steel surfaces with the use of ceramic nano-particles. These, producing a cohesive inorganic layer of great compactness, constitute an excellent base for anchoring paints, ensuring greater adhesion surface than traditional phosphating. Finally, the polyester powder coating has excellent characteristics of resistance to UV rays, absence of chalking, excellent mechanical characteristics and high resistance to atmospheric agents. For installations where corrosion protection requires higher standards, an epoxy powder pre-treatment (primer) is introduced which allows for better resistance to corrosion and abrasion.</p>
<p>Process of gluing diffusers and closing of products</p>	<p>The diffusers of Ghidini fixtures are mostly made of extra clear tempered glass. The extra clear glasses, much more valuable than common tempered glass, guarantee a greater passage of the luminous flux and less heat retention inside the luminaire. The diffusers are positioned through silicone gaskets or are glued through a special gluing process based on silicone glues. The gluing process is based on a multi-step process: Treatment of surfaces with a special primer; micro-deposition phase of silicone glues through a completely automated system to ensure the correct and homogeneous deposition of the silicone; polymerization phase. Once cured, the products are placed in a special humidity-controlled drying chamber for a predetermined period. Finally, the devices are closed in total absence of humidity to ensure a longer life of all the electronic components.</p>
<p>Electric and electronic components</p>	<p>Ghidini and Lucitalia only use electronic components produced by the best Italian and European brands. The drivers are protected against any current surges coming from the electrical network. LEDs with a chromatic range equal to 3 McAdams steps and IRC equal to at least 90 are used. All electrical components are assembled in EPA areas by highly specialized personnel. All products are 100% tested before they are packed. The test result is printed on an indelible label which is affixed to the product to certify its correct functioning and safety.</p>
<p>Production and product control process</p>	<p>Ghidini and Lucitalia production is entirely carried out in Italy. Ghidini and Lucitalia use selected materials and components of the highest quality in their products to ensure long operation and durability over time. All products are 100% tested before they are packed. The test result is printed on an indelible label which is affixed to the product to certify its correct functioning. The management processes of Ghidini and Lucitalia are ISO 9001 certified.</p>