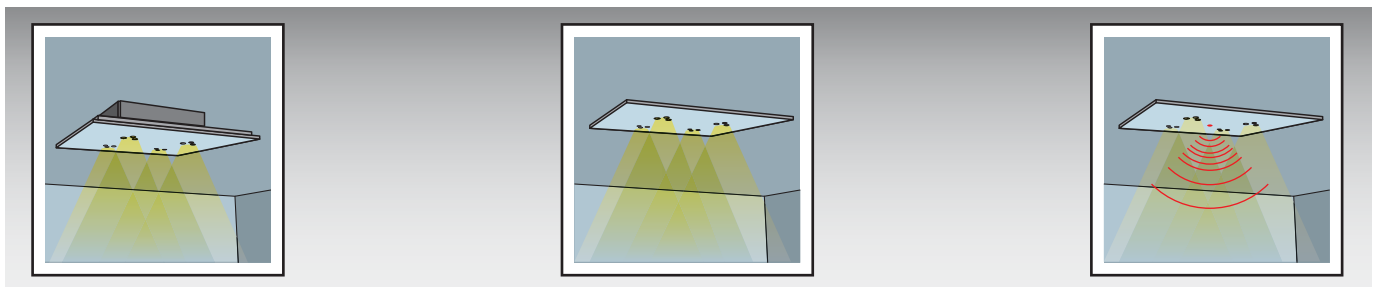


# CEILING RECESSED LIGHT FIXTURES

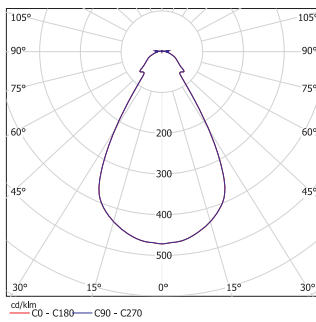


## APPLICATION



## PHOTOMETRICAL CURVES

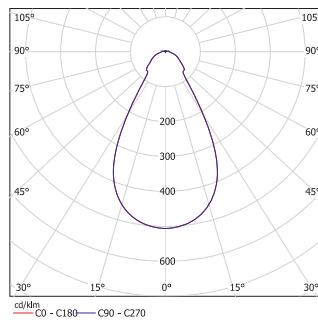
DIFFUSED SOREN 4 LED



La curva fotometrica si riferisce alla SOREN 4 LED bianco caldo ed è indicativa.

Photometric curve refer to the SOREN 4 LEDs warm white and is indicative.

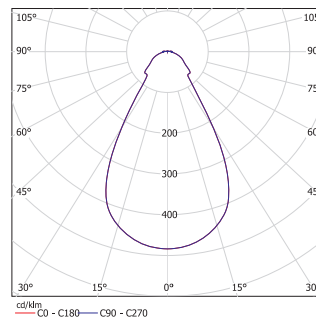
DIFFUSED SOREN & ORION 6 LED



La curva fotometrica si riferisce alla SOREN & ORION 4 LED bianco caldo ed è indicativa.

Photometric curve refer to the SOREN & ORION 4 LEDs warm white and is indicative.

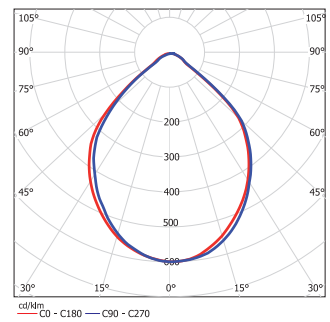
DIFFUSED SOREN & ORION 12 LED



La curva fotometrica si riferisce alla SOREN & ORION 12 LED bianco caldo ed è indicativa.

Photometric curve refer to the SOREN & ORION 12 LEDs warm white and is indicative.

DIFFUSED OIKOS 12 LED



La curva fotometrica si riferisce alla OIKOS 12 LED bianco caldo ed è indicativa.

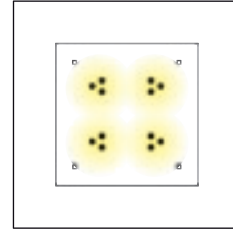
Photometric curve refer to the OIKOS 12 LEDs warm white and is indicative.

## SOREN

MONO      RGB



**EMISSION:** DIFFUSED  
**COLOUR:** MONO WHITE (C-N-W) - RGB  
**FINISHES:** WHITE - BLACK  
**DRIVER:** INCLUDED (SENSORS - ON/OFF)  
**POWER:** 2W LED  
**PROTECTION:** LOW (IP20)  
**APPLICATION:** CEILING  
**NUMBER OF LED:** 4 LED - 6 LED - 12 LED



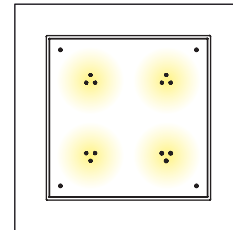
**LENGHT**  
 185 mm  
 220 mm  
 420 mm

## OIKOS

MONO      RGB



**EMISSION:** DIFFUSED  
**COLOUR:** MONO WHITE (C-N-W) - RGB  
**FINISHES:** WHITE - BLACK  
**DRIVER:** INCLUDED (SENSORS - ON/OFF)  
**POWER:** 2W LED  
**PROTECTION:** LOW (IP20)  
**APPLICATION:** FALSE CEILING 60x60  
**NUMBER OF LED:** 12 LED



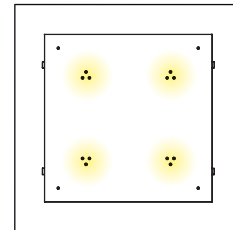
**LENGHT**  
 435 mm  
 595 mm  
 625 mm  
 (on req.)

## ORION

MONO      RGB



**EMISSION:** DIFFUSED  
**COLOUR:** MONO WHITE (C-N-W) - RGB  
**FINISHES:** WHITE - BLACK  
**DRIVER:** INCLUDED (SENSORS - ON/OFF)  
**POWER:** 2W LED  
**PROTECTION:** LOW (IP20)  
**APPLICATION:** OUTER-CASING  
**NUMBER OF LED:** 6 LED - 12 LED



**LENGHT**  
 220 mm  
 420 mm  
 575 mm

## ACCESSORIES

### OUTER-CASING



## SUITABLE ELECTRONICS



### LED CONTROLGEARS



### DRIVERS



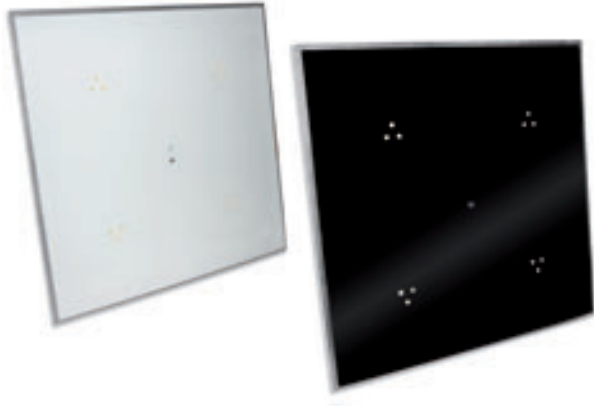
### TOUCH PANEL



### DISPLAY DMX EASY



# SOREN PLAFONE



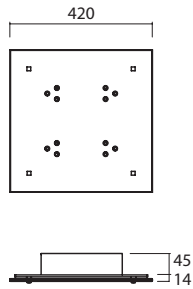
Plafoniera con corpo in alluminio e copertura in vetro temprato e serigrafato.  
Installazione a parete o soffitto.

*Ceiling light fixture with aluminium frame with reinforced and serigraphy glass.*

*Gehäuse der Deckenleuchte aus Aluminium mit Abdeckung aus Sicherheitsglas im Siebdruckverfahren hergestellt.  
Wandinstallation.*

*Plafonnier avec corps en aluminium avec couverture en verre renforcé et sérigraphie.*

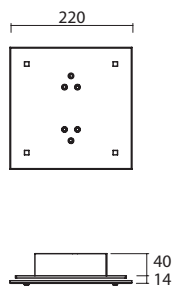
*Plafón cuerpo en aluminio con cobertura en vidrio templado y serigrafiado.  
Instalación en la pared.*



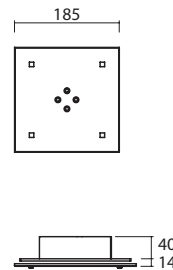
DRIVER WITH SENSOR

ON / OFF

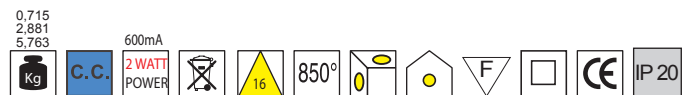
12 LED 2W	PIR	LUM	PIR + LUM		
WHITE	88945	88944	88946	88943	89084
BLACK	89030	89029	89031	89028	89094



6 LED 2W		
WHITE	88999	89088
BLACK	89036	89097



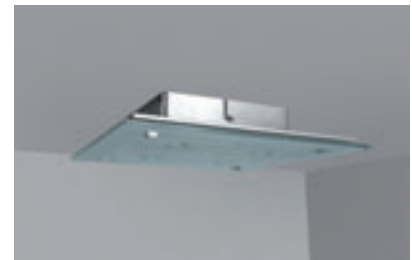
4 LED 2W		
WHITE	88998	89085
BLACK	89034	89095



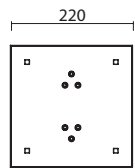
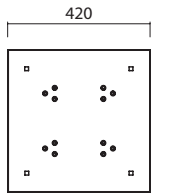
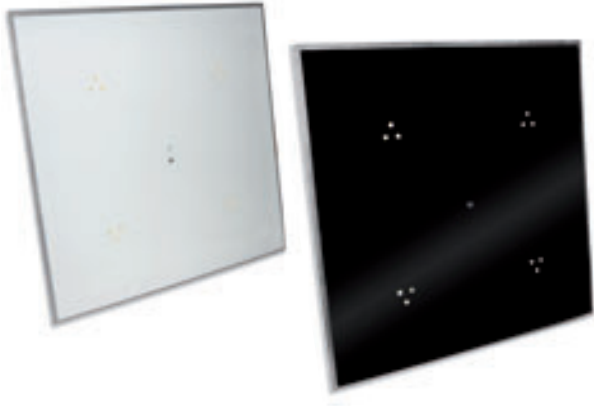
Colours	Optical	Code	Installation
---------	---------	------	--------------

- C
- W
- N

Diffused 00



# SOREN RGB PLAFONE



Plafoniera con corpo in alluminio e copertura in vetro temprato e serigrafato.  
Installazione a parete o soffitto.

*Ceiling light fixture with aluminium frame with reinforced and serigraphy glass.*

*Gehäuse der Deckenleuchte aus Aluminium mit Abdeckung aus Sicherheitsglas im Siebdruckverfahren hergestellt.  
Wandinstallation.*

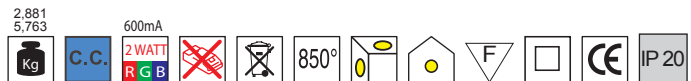
*Plafonnier avec corps en aluminium avec couverture en verre renforcé et sérigraphie.*

*Plafón cuerpo en aluminio con cobertura en vidrio templado y serigrafiado.  
Instalación en la pared.*

SOREN  
RGB

12 LED 2W	Code
WHITE	88952
BLACK	89033

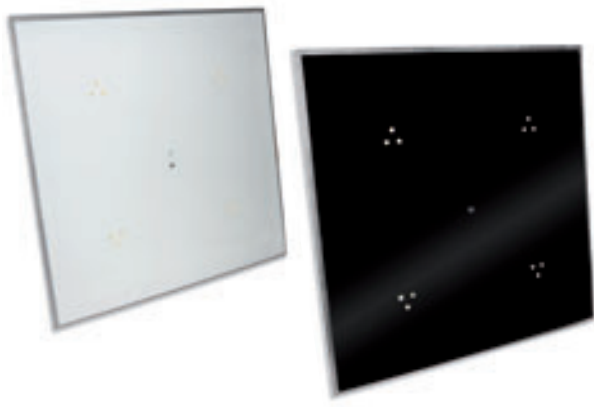
6 LED 2W	Code
WHITE	88956
BLACK	89037



Colours	Optical	Code	Installation
Z	Diffused	00	 

# OIKOS

## CONTROSOFFITTO MODULARE



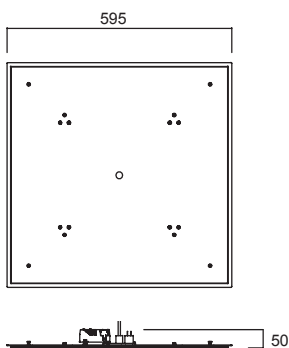
Plafoniera con corpo in alluminio e copertura in vetro temprato e serigrafato.  
Installazione su controsoffitto modulare 60x60.

Ceiling light fixture with aluminium frame with reinforced and serigraphy glass.  
Installation on false-ceiling 60X60.

Gehäuse der Deckenleuchte aus Aluminium mit Abdeckung aus Sicherheitsglas im Siebdruckverfahren hergestellt.  
Installation in abgehängter Decke mit 60x60 Elementen.

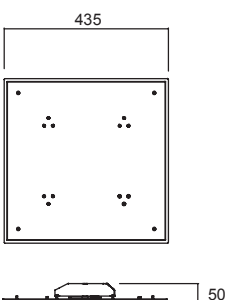
Plafonnier avec corps en aluminium avec couverture en verre renforcé et sérigraphie  
Installation sur faux-plafond modulaire 60X60.

Plafón cuerpo en aluminio con cobertura en vidrio templado y serigrafiado.  
Instalación en falso techo modular 60x60.



DRIVER WITH SENSOR ON / OFF

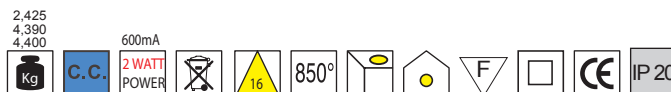
12 LED 2W	PIR	LUM	PIR + LUM		
<b>WHITE</b>	88925	88924	88926	88923	89080
<b>BLACK</b>	89006	88955	89007	88953	89090



DRIVER WITH SENSOR ON / OFF

12 LED 2W	PIR	LUM	PIR + LUM		
<b>WHITE</b>	88935	88934	88936	88933	89082
<b>BLACK</b>	89018	89017	89019	89016	89092

Su richiesta è disponibile la versione 625x625.  
Upon request, it is available the 625x625 version.



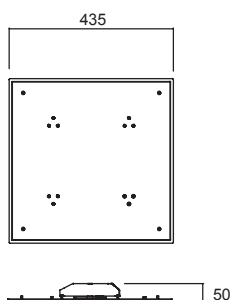
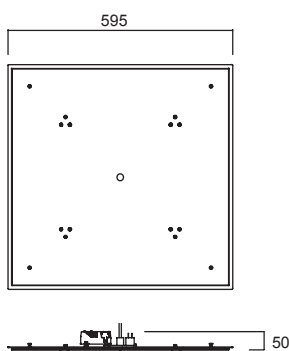
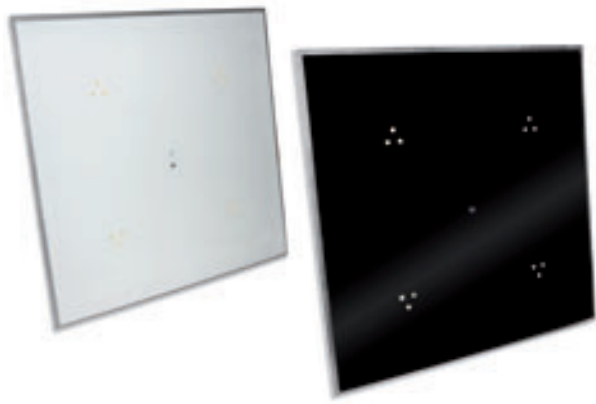
Colours	Optical	Code	Installation
---------	---------	------	--------------

- C
- W
- N

Diffused 00



# OIKOS RGB CONTROSOFFITTO MODULARE



Plafoniera con corpo in alluminio e copertura in vetro temprato e serigrafato.  
Installazione su controsoffitto modulare 60x60.

*Ceiling light fixture with aluminium frame with reinforced and serigraphy glass.  
Installation on false-ceiling 60X60.*

*Gehäuse der Deckenleuchte aus Aluminium mit Abdeckung aus Sicherheitsglas im Siebdruckverfahren hergestellt.  
Installation in abgehängter Decke mit 60x60 Elementen.*

*Plafonnier avec corps en aluminium avec couverture en verre renforcé et sérigraphie  
Installation sur faux-plafond modulaire 60X60.*

*Plafón cuerpo en aluminio con cobertura en vidrio templado y serigrafiado.  
Instalación en falso techo modular 60x60.*

OIKOS  
RGB

12 LED 2W	Code
WHITE	88948
BLACK	89009

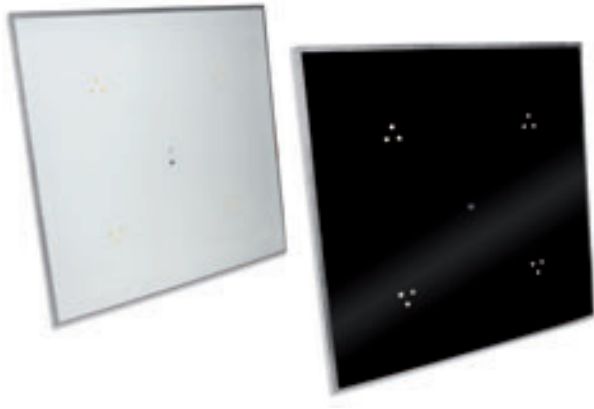
12 LED 2W	Code
WHITE	88950
BLACK	89021

Su richiesta è disponibile la versione 625x625.  
Upon request, it is available the 625x625 version.



Colours	Optical	Code	Installation
 Z	Diffused	00	

# ORION CONTROCASSA



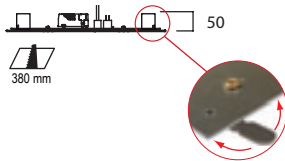
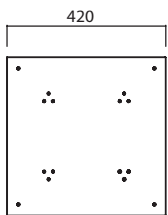
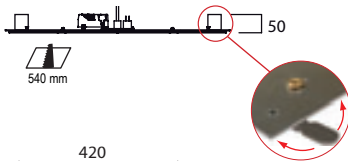
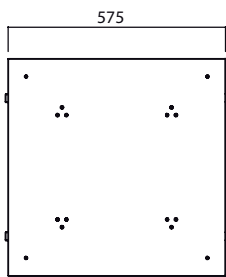
Plafoniera con corpo in alluminio e copertura in vetro temprato e serigrafato.  
Installazione su cartongesso o su laterizi tramite controcassa.

*Ceiling light fixture with aluminium frame with reinforced and serigraphy glass.  
Installation on false-ceiling or concrete walls with outer-casing..*

*Gehäuse der Deckenleuchte aus Aluminium mit Abdeckung aus Sicherheitsglas im Siebdruckverfahren hergestellt.  
Installation in Gipskarton oder Mauerwerk mit Einbaugeschäse.*

*Plafonnier avec corps en aluminium avec couverture en verre renforcé et sérigraphie  
Installation sur faux-plafond ou sur ciment au moyen d'un boîtier d'encastrement.*

*Plafón cuerpo en aluminio con cobertura en vidrio templado y serigrafiado.  
Instalación en cartón-yeso o en ladrillo mediante contracaja.*



DRIVER WITH SENSOR ON / OFF

12 LED 2W	PIR	LUM	PIR + LUM		
WHITE	88930	88929	88931	88928	89081
BLACK	89012	89011	89013	89010	89091

DRIVER WITH SENSOR ON / OFF

12 LED 2W	PIR	LUM	PIR + LUM		
WHITE	88940	88939	88941	88938	89083
BLACK	89024	89023	89025	89022	89093

2,423  
4,330  
Kg

C.C.

600mA  
2 WATT  
POWER

850°

CE

IP 20

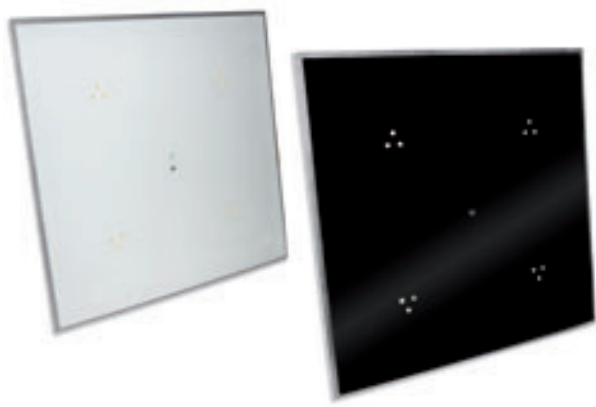
Colours	Optical	Code	Accessories
---------	---------	------	-------------

- C
  - W
  - N
- Diffused 00

CONTROCASSA  
OUTER-CASING

195

# ORION RGB CONTROCASSA



Plafoniera con corpo in alluminio e copertura in vetro temprato e serigrafato.  
Installazione su cartongesso o su laterizi tramite controcassa.

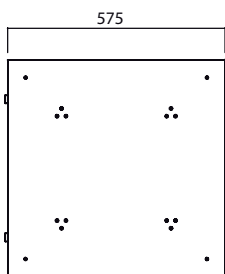
*Ceiling light fixture with aluminium frame with reinforced and serigraphy glass.  
Installation on false-ceiling or concrete walls with outer-casing.*

*Gehäuse der Deckenleuchte aus Aluminium mit Abdeckung aus Sicherheitsglas im Siebdruckverfahren hergestellt.  
Installation in Gipskarton oder Mauerwerk mit Einbaugeschäse.*

*Plafonnier avec corps en aluminium avec couverture en verre renforcé et sérigraphie  
Installation sur faux-plafond ou sur ciment au moyen d'un boîtier d'encastrement.*

*Plafón cuerpo en aluminio con cobertura en vidrio templado y serigrafiado.  
Instalación en cartón-yeso o en ladrillo mediante contracaja.*

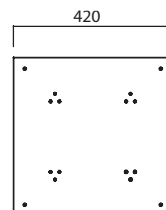
ORION  
RGB



12 LED 2W Code

WHITE 88949

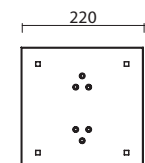
BLACK 89015



12 LED 2W Code

WHITE 88951

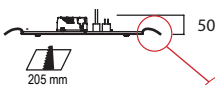
BLACK 89027



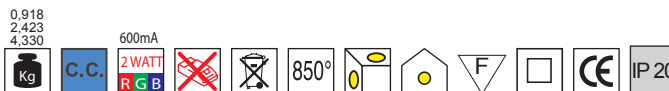
\*6 LED 2W Code

WHITE 88958

BLACK 89039



\*Installazione senza controcassa.  
\*Installation without outer-casing



Colours	Optical	Code	Accessories
---------	---------	------	-------------

Z Diffused 00



# ORION CARTONGESSO



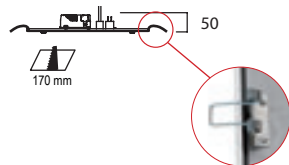
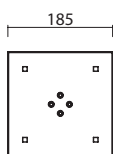
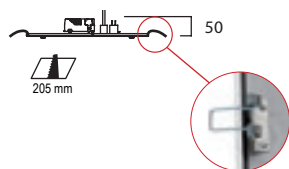
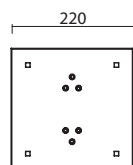
Plafoniera con corpo in alluminio e copertura in vetro temprato e serigrafato.  
Installazione su cartongesso o su laterizi tramite controcassa.

*Ceiling light fixture with aluminium frame with reinforced and serigraphy glass.  
Installation on false-ceiling or concrete walls with outer-casing..*

*Gehäuse der Deckenleuchte aus Aluminium mit Abdeckung aus Sicherheitsglas im Siebdruckverfahren hergestellt.  
Installation in Gipskarton oder Mauerwerk mit Einbaugeschäse.*

*Plafonnier avec corps en aluminium avec couverture en verre renforcé et sérigraphie  
Installation sur faux-plafond ou sur ciment au moyen d'un boîtier d'encastrement.*

*Plafón cuerpo en aluminio con cobertura en vidrio templado y serigrafiado.  
Instalación en cartón-yeso o en ladrillo mediante contracaja.*



6 LED 2W	Code
WHITE	88957

BLACK	89038
-------	-------

4 LED 2W	Code
WHITE	88954

BLACK	89035
-------	-------



Colours	Optical	Code	Accessories
<ul style="list-style-type: none"> <li><span style="color: blue;">●</span> C</li> <li><span style="color: orange;">●</span> W</li> <li><span style="color: green;">●</span> N</li> </ul>	Diffused	00	

# ACCESSORIES

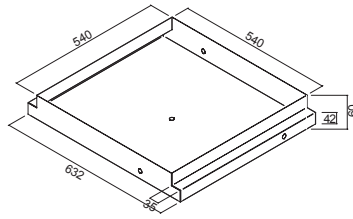
## CONTROCASSA / OUTER-CASING

In ferro zincato, studiata per essere installata su laterizi.

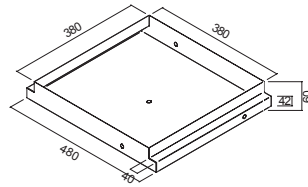
*In galvanized metal studied to be installed on concrete*

### TECHNICAL DATA

Code 89068



Code 89069



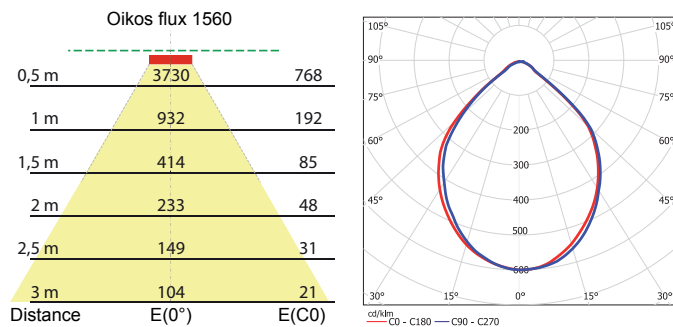
## SU RICHIESTA / CUSTOMIZED

Su richiesta è possibile serigrafare il vetro con immagini o loghi aziendali per personalizzare hall, uffici e sale di rappresentanza.

*On request its possible to customize the cover glass with images or company logo etc.*



## CURVA FOTOMETRICA OIKOS 12 LED 2W PHOTOMETRIC CURVE



Esempio pratico di illuminazione d'ufficio utilizzando le plafoniere Oikos:  
- luce proiettata da plafoniere posizionate a 3 mt. d'altezza su una scrivania di 75 cm.

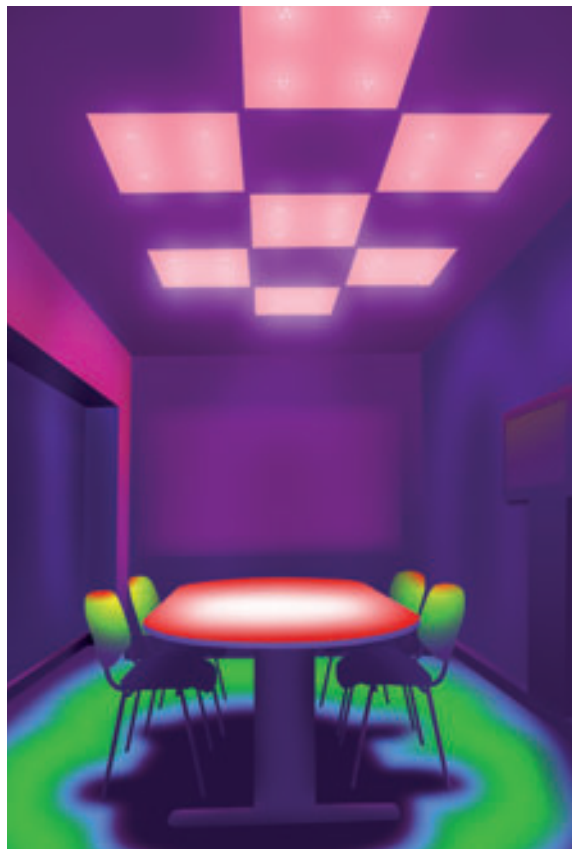
- sempre uniforme e di intensità sufficiente a non affaticare la vista (nessun disturbo biologico per l'operatore).
- non si creano ombre.
- ambiente UGR max 13
- scrivania UGR max 10

Come si nota dalla foto, alcune plafoniere sono dimmerate al minimo in quanto la quantità di luce presente sul tavolo viene riconosciuta come sufficiente (500 lux).

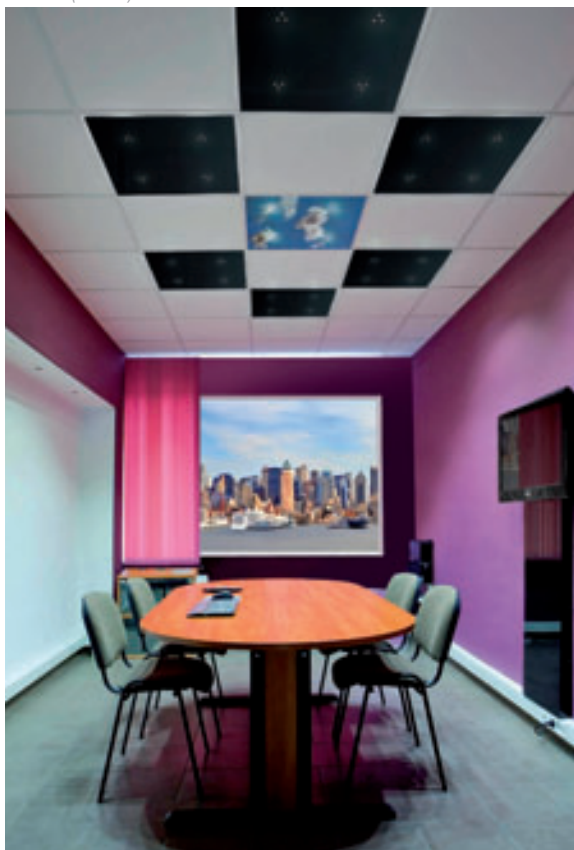
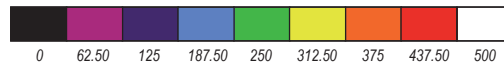
*A practical example of office lighting with Oikos ceiling lights:*

- The light is projected by ceiling lights placed at 3 m over a 75-cm desk.
- The light is always uniform, and its intensity is sufficient, but does not strain the eyes (no biological impact on the operators).
- No shadows.
- Room UGR: max 13.
- Desk UGR: max 10.

*As you can see in the picture, some ceiling lights are dimmed down to a minimum, because the sensors detect that the quantity of light available at the desk is sufficient (500Lux).*



Situazione notturna; valori di illuminamento.  
Night situation: illumination values.



Situazione diurna; 5%.  
Day situation; 5%.



Situazione notturna; 100%.  
Night situation; 100%.

# SENSORS

Dalla filosofia del risparmio e del rispetto ambientale i-LèD nasce un sistema completo per la gestione intelligente della luce.

Grazie ai nostri sensori sarà infatti possibile controllare il funzionamento dei prodotti con un risparmio energetico che può arrivare al 70% ottimizzando la luce emessa.

Con una serie di sensori integrati ed esterni i semplici gesti quotidiani si trasformeranno in comodità, risparmio energetico ed economico.

I sensori si dividono in due categorie:

- Sensori di rilevamento presenza (PIR);
- Sensori di luminosità.

Il driver che pilota i sensori inoltre è dotato dell'innovativo sistema di accensione graduale della luce *soft start*.

*The i-LèD philosophy of energy saving and respect for the environment has given birth to a complete system for the smart management of light.*

*Thanks to our sensors, in fact, it is possible to control the operation of our products. The optimisation of emitted light can lead to savings of up to 70%.*

*Thanks to a series of integrated and external sensors, simple daily gestures will turn into comfort, energy saving and cost reduction.*

*Sensors are divided in two categories:*

- *Presence sensors (PIR).*
- *Brightness sensors.*

*The driver controlling the sensors, moreover, is completed with the "soft start" innovative gradual turn-on system.*

## SENSORE DI LUMINOSITÀ

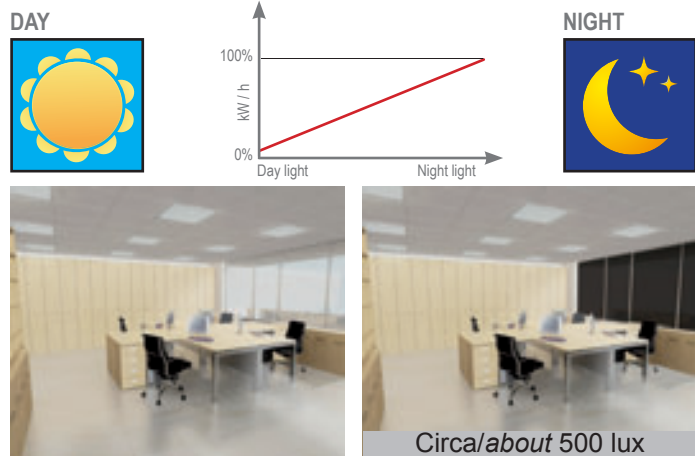
Il sensore di luminosità regola l'emissione luminosa dell'articolo in funzione della luce dell'ambiente che lo circonda, garantendo così il massimo comfort visivo nel totale risparmio energetico.

Se l'ambiente è sufficientemente illuminato il sensore farà erogare una minima corrente al driver (1mA); la luce aumenterà gradualmente e in tempo reale all'abbassarsi della luminosità mantenendo costanti i lux dell'ambiente.

Quindi il consumo è variabile a seconda della quantità di luce proveniente dall'esterno (si ha un risparmio energetico fino al 70%).

*The brightness sensor controls the product's luminous emission on the basis of the light available in the room, thus ensuring maximum visual comfort while optimising energy saving.*

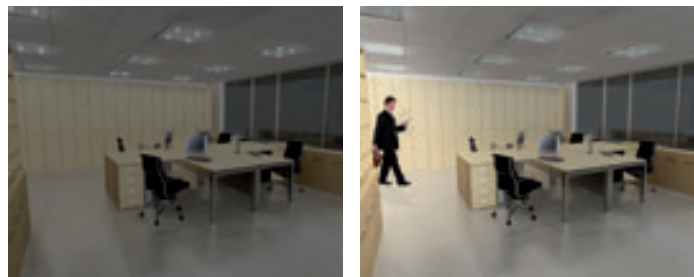
*If the room is sufficiently bright, the driver will provide a small current (1mA) thanks to the intelligence of the sensor; the light will increase gradually and in real time, as the room's brightness decreases. The consumption is variable depending on the amount of light coming from outside (there is an energy savings of up to 70%).*



## SENSORE PIR - PASSIVE INFRARED SENSOR

I sensori di prossimità (PIR), consentono la gestione autonoma della luce: il sistema sfrutta il 20% della potenza per mantenere una luce di cortesia anche quando il locale è vuoto, aumentando di intensità luminosa nel momento in cui viene rilevata una presenza e spegnendo le lampade dopo il tempo impostato dall'ultimo rilevamento. Applicazione ideale per bagni e zone di passaggio come corridoi.

*The proximity sensors (PIR) permit the autonomous management of light: The system uses 20% of the power to keep a courtesy light on while nobody is in the room, increasing the luminous intensity when a presence is detected, and turning off the lights after the time you set since the last detection. Ideal application for bathrooms and passageways like corridors.*



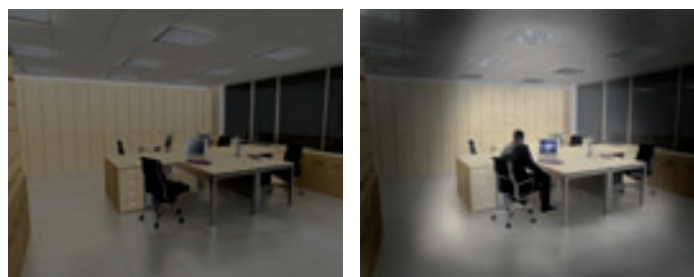
## SENSORE DI LUMINOSITÀ + PIR

Il massimo dell'efficienza si ottiene combinando entrambi i sensori: proponiamo infatti la versione con doppio sensore per ottenere solo l'illuminazione necessaria nel momento in cui è richiesta.

Per rendere l'applicazione dei sensori ancora più efficiente è possibile fare un'applicazione a zona. Questo sensore è ideale per luoghi di passaggio con finestre o altri possibili fonti di illuminazione naturali.

*Maximum efficiency is obtained when combining both sensors: in fact, we are also proposing a version with a dual sensor to obtain the necessary lighting only when it is required.*

*To make the sensors even more efficient, it is possible to carry out a zone application. This sensor is ideal for passageways with windows or other possible sources of natural light.*



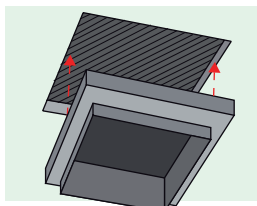
## INSTALLATION

## CONTROCASSA / OUTERCASING

## TECHNICAL DATA

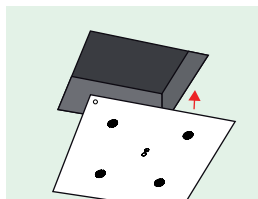


01



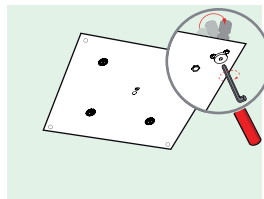
Inserire la controcassa quindi murare.  
*Insert and wall up the outer casing.*

02



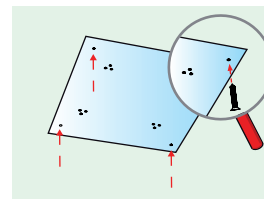
Inserire la plafoniera all'interno della controcassa.  
*Insert the ceiling light fixture in the outer casing.*

03



Dopo aver inserito la plafoniera avvitare le viti come in figura per un corretto fissaggio.  
*After inserting the ceiling light fixture, tighten the screws as shown for proper mounting.*

04



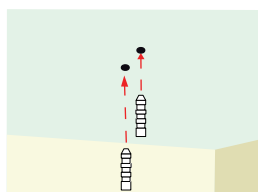
Dopo aver posizionato il vetro in asse con i led, svitare i grani e avvitare al loro posto le viti.  
*After placing the glass in line with the LEDs, unscrew the beads in place and tighten the screws.*

## A PLAFONE / CEILING

## TECHNICAL DATA

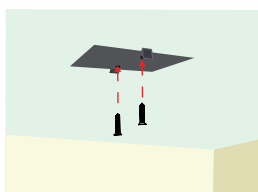


01



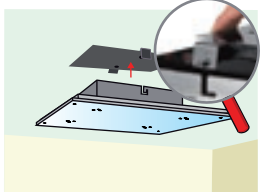
Praticare due fori da Ø4mm e inserire i tasselli.  
*Drill two Ø4mm holes and insert the dowels.*

02



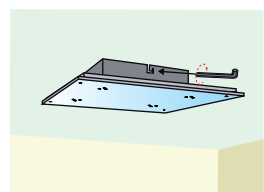
Fissare il supporto con le viti autofilettanti.  
*Secure the bracket with the screws.*

03



Infilare la plafoniera sul supporto facendo scorrere la vite nel taglio a "L".  
*Thread the ceiling light fixture on the support by sliding the screw in the cut.*

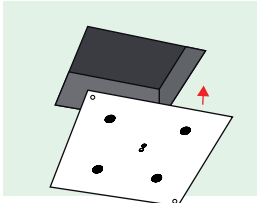
04



Avvitare la vite per fissare la plafoniera sul supporto.  
*Screw to fix the ceiling light fixture on the bracket.*

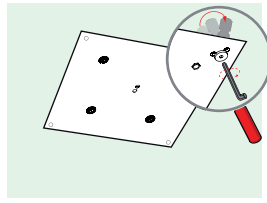
## CARTONGESSO / DRYWALL

01



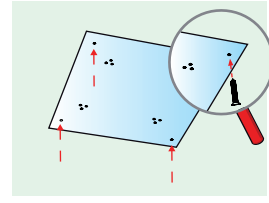
Inserire la plafoniera nel cartongesso dopo aver rimosso il vetro.  
Place the ceiling light fixture in drywall.

02



Dopo aver inserito la plafoniera avvitare le viti come in figura per un corretto fissaggio.  
After inserting the ceiling light fixture tighten the screws as shown for proper mounting.

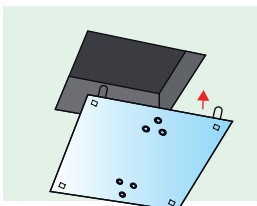
03



Dopo aver posizionato il vetro in asse con i led, svitare i grani e avvitare al loro posto le viti.  
After placing the glass in line with the LEDs, unscrew the beads in place and tighten the screws.

## CARTONGESSO SMALL 4-6 LED

01



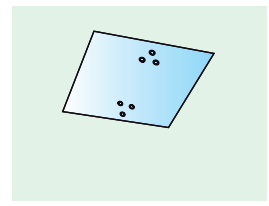
Le molle sostengono la plafoniera.  
The springs support the fixture.

02



Inserire la plafoniera nel cartongesso tendendo le molle.  
Fill in the ceiling light fixture into the drywall stretching the springs.

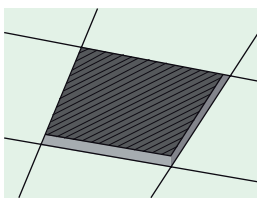
03



Fissaggio effettuato.  
Fixing done.

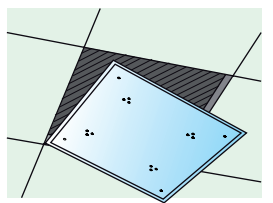
## CONTROSOFFITTO MODULARE / FALSE CEILING

01



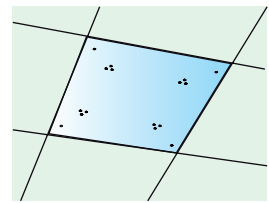
Togliere la copertura dal soffitto modulare.  
Remove the cover from the ceiling modular.

02



Inserire la plafoniera inclinata dopo aver effettuato i collegamenti.  
Insert the sloping ceiling light fixture after making the connections.

03



Fissaggio effettuato.  
Fixing done.