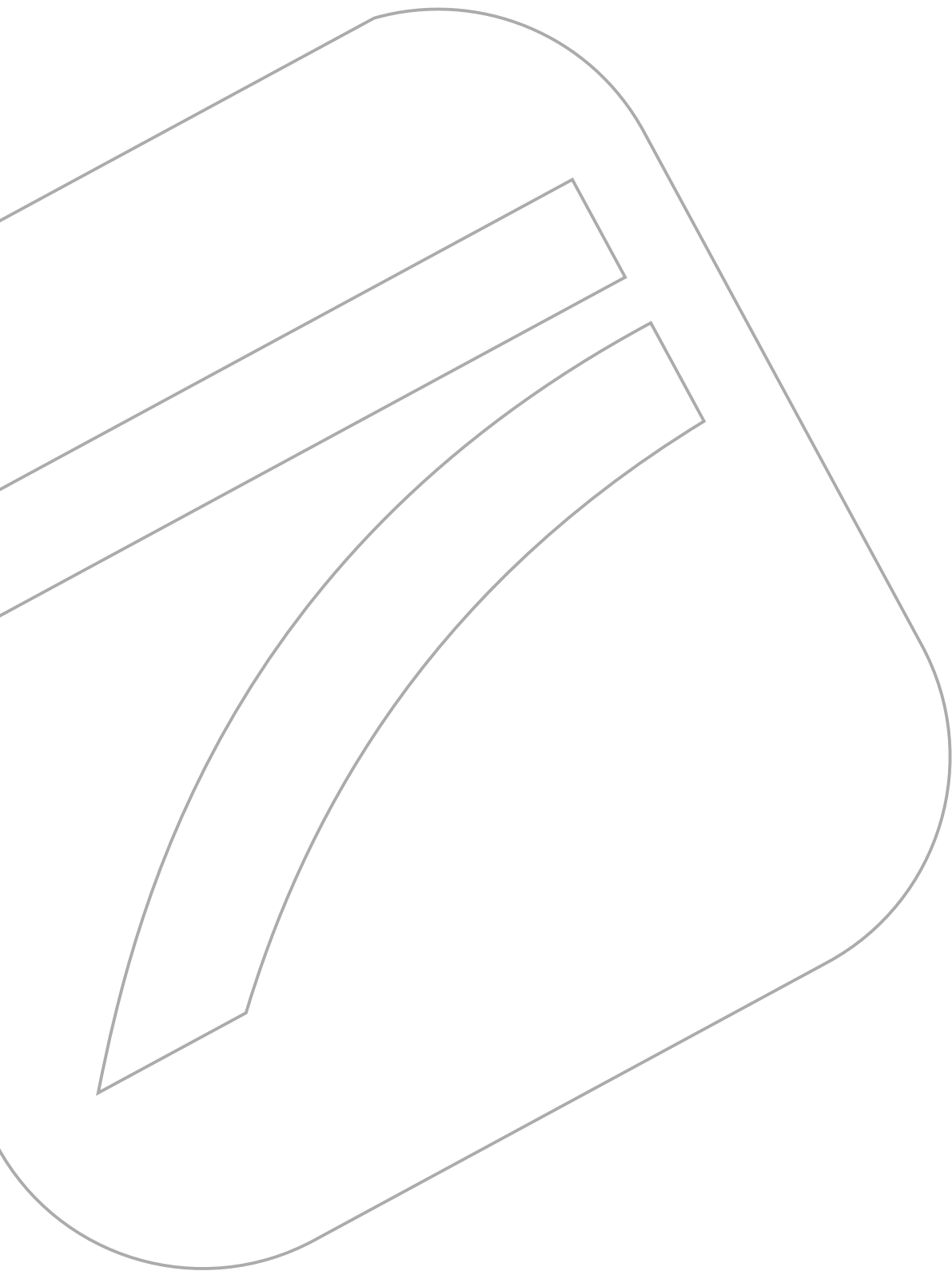


LIGHTING SOLUTIONS

2021



G.COMM



Dear Partner,

it is really a pleasure to welcome you on this new lighting solutions' catalogue.

For several years now our daily commitment has been focused on providing integrated solutions to dental lighting, support systems, micro motors and dental components, always keeping in mind innovation and usability as our guiding principles.

We are determined to continue on this direction and, to bear it in mind, we summed it in our company logo; the horizontal line, sharp and clear, represents the line of perfection, the ideal to be achieved, while the lower line symbolizes our daily effort to achieve the ideal.

We already started our journey on this line, we invite you to walk with us



Giaffreda Nicola

C.E.O.

G.Comm srl

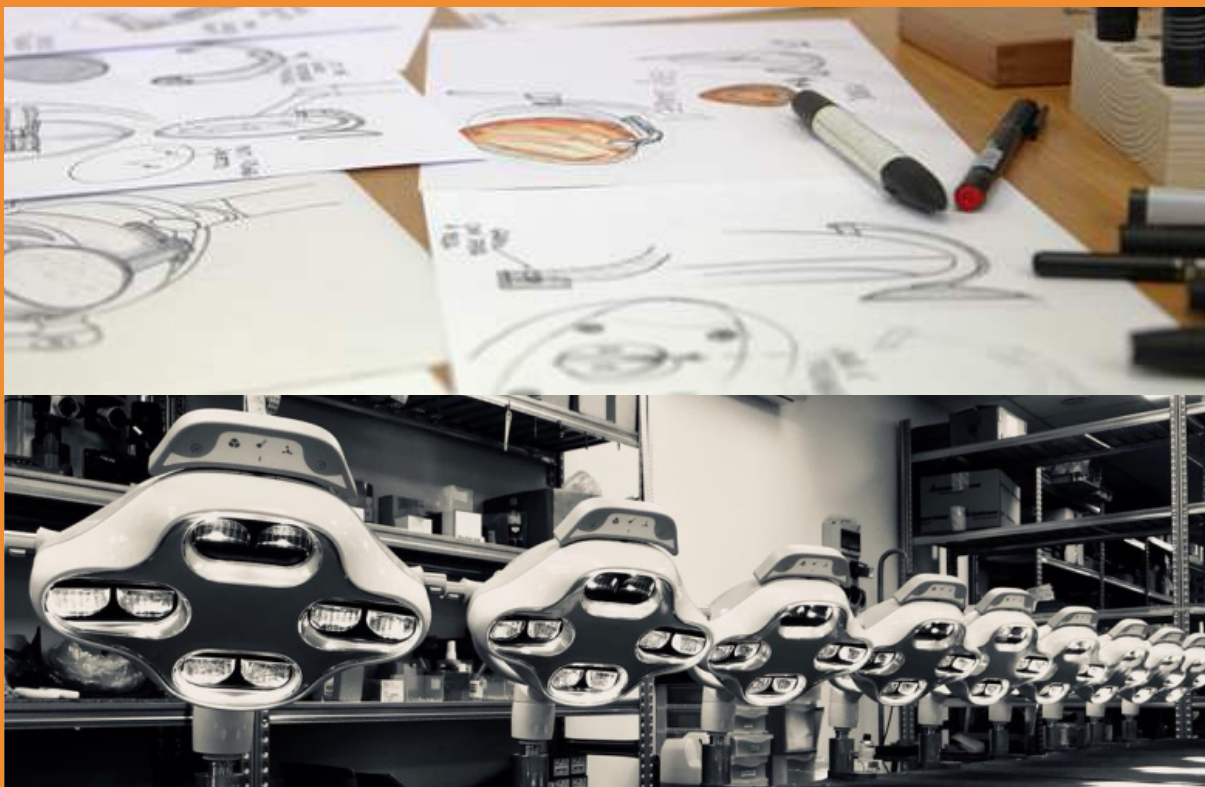
The “I light it” philosophy has revolutionised the way to design and manufacture our products. The goal is to achieve a significant improvement of the dentist's work, paying attention to the quality of light and protection of the environment.

Harmony in lighting is a perfect combination between environmental illumination and the treatment area illumination: that's why we provide integrated lighting solutions.

Our aim is offering dental lights and ceiling lights with an up-to date technology, to ensure a correct lighting in every single area of dental practices. The aim of a dental light is to provide appropriate illumination levels in the treatment area, assuring the professional and patient's comfort.

The quality of light is not only essential for a correct visualisation of surgical field and for a true perception of colours, but also for the influence that light plays on the physiological processes of the observer.

A correct lighting can influence the concentration level, improving the execution of mental activities and reducing the possibility of error.



COMPANY PROFILE

G.COMM designs, manufactures and distributes professional lighting, systems for dental and medical practices, as well as bleaching lights, simulators, support arms and components.

What sets us apart? We are close to doctors: thanks to our frequent and personal interaction with dentists, we have been able to incorporate in our products the needs and desires of professionals who seek an optimal vision in the working area and in the surrounding environment. In 2007 we developed our Light Polaris designed to prevent eye strain thanks to the light settings that can be adjusted according to the daily practice needs. Choice of materials, product specifications and style are also inspired by our customers' requirements.

We are proud of being a manufacturer, we run the whole production cycle in our facilities building and assembling everything

in-house. We are continuously investing in our staff, production process and up to date CNC machines

G.COMM has an international calling: founded in 2004, today we export 80% of our products. Our staff speaks 11 languages and interacts with customers and distributors located in every corner of the world. Our worldwide customers appreciate the attractive design of "Made in Italy" products and our concepts, that combine innovation with strong expertise in optics, electro-mechanics and digital technology.

The revolutionary Iris View, our lamp with built-in video-camera, stems from these values. We believe that the future holds new opportunities for growth, for both us and our customers. A challenging but feasible goal, based on our values and strengths: closely listening to the user and focusing on in-house manufacturing, centred on cutting-edge technologies.





EYESTRAIN? Forget it!

C o l o u r t e m p e r a t u r e a d j u s t m e n t
L i g h t i n t e n s i t y a d j u s t m e n t
S C I A L Y T I C E F F E C T
E R G O N O M I C P O S T U R E
N O l u m b a r a n d c e r v i c a l d i s e a s e s +

CONTENT PANEL



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CLEANING / STERIL-
IZING SOLUTIONS

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DENTAL LIGHTS

OUR SOLUTIONS FOR THE
ORAL CAVITY



DENTAL LIGHTS

YOU CAN CHOOSE ONE OF THE FOLL



STANDARD ARM

- FOR EVERY TYPE OF INSTALLATION:

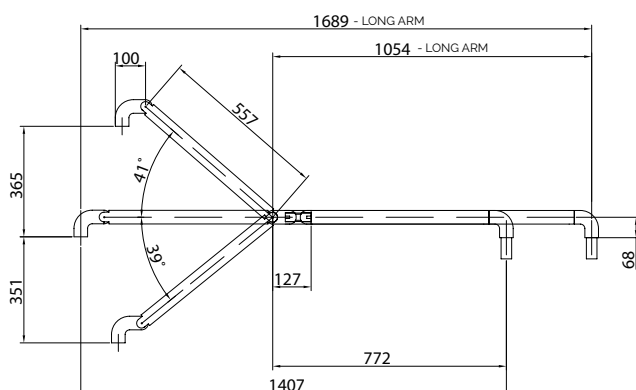
- unit mount
- wall mount
- ceiling mount
- on trolley
- on a surgical cart
- Strong and steady structure.

- 2 YEARS WARRANTY

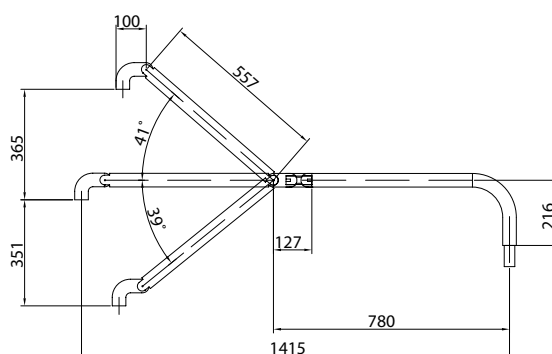
Arm colours



»» Standard Arm



»» Higher Bend Arm



OWING ARMS FOR ALL G.COMM LIGHTS



FLOW MOTION ARM

- FOR EVERY TYPE OF INSTALLATION

- 100% aluminium structure for outstanding quality and durability.
- Pivot is not glued and can be easily changed.
- Enhanced movement thanks to a rotation system with roller bearings
- Frictions can be regulated
- Modern Design

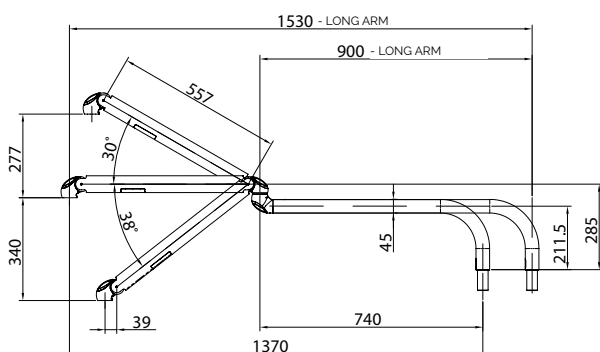
- 2 YEARS WARRANTY

This arm will be labeled as "f.m. arm" in the product descriptions

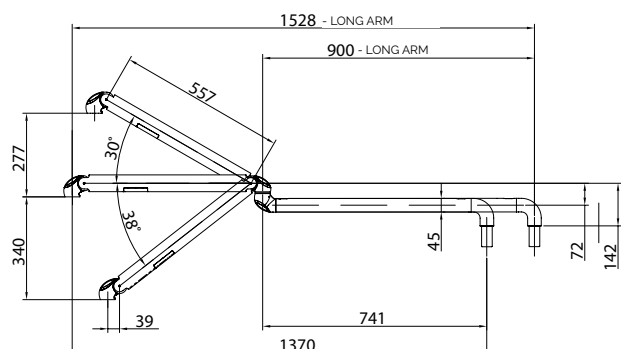
Arm colours



»»» FlowMotion Arm



»»» H90 FlowMotion Arm



DENTAL LIGHTS



POLARIS

- LED TECHNOLOGY
- LIGHT INTENSITY ADJUSTMENT
- COLOUR TEMPERATURE ADJUSTMENT
- ANTI-POLYMERIZATION FILTER AND MIRROR KIT (ACCESSORY)
- ALUMINIUM STRUCTURE



IRIS

- LED TECHNOLOGY
- LIGHT INTENSITY ADJUSTMENT
- COLOUR TEMPERATURE ADJUSTMENT
- ANTI-POLYMERIZATION MODE
- SURGICAL MODE
- COLOUR MATCHING MODE
- ALUMINIUM STRUCTURE



IRIS VIEW

- 30X OPTICAL ZOOM - AUTOFOCUS
- LIGHT INTENSITY ADJUSTMENT
- COLOUR TEMPERATURE ADJUSTMENT
- ANTI-POLYMERIZATION MODE
- SURGICAL MODE
- COLOUR MATCHING MODE
- ALUMINIUM STRUCTURE



POLARIS

- LED TECHNOLOGY

- **SCIALYTIC EFFECT:** 100 overlapping light rays avoid shadows' projection on the operating field.

- **ADJUSTABLE COLOUR TEMPERATURE**
from 4.200 to 6.000 KELVIN

- **ADJUSTABLE LIGHT INTENSITY**
from 8.000 to 50.000 LUX

You can set the desired colour temperature and light intensity based on the different procedures, thanks to two potentiometers on the back of the light (please see details in user's manual)

- 2 YEARS WARRANTY

»» Technical Specifications

Arm colours



Adjustment

- Colour temperature
- Light Intensity



ON/OFF Switch

Easy to use, in a comfortable position.



ON/OFF Sensor

Turn the light on/off with a simple gesture:
maximum Hygiene



Filter/mirror Kit

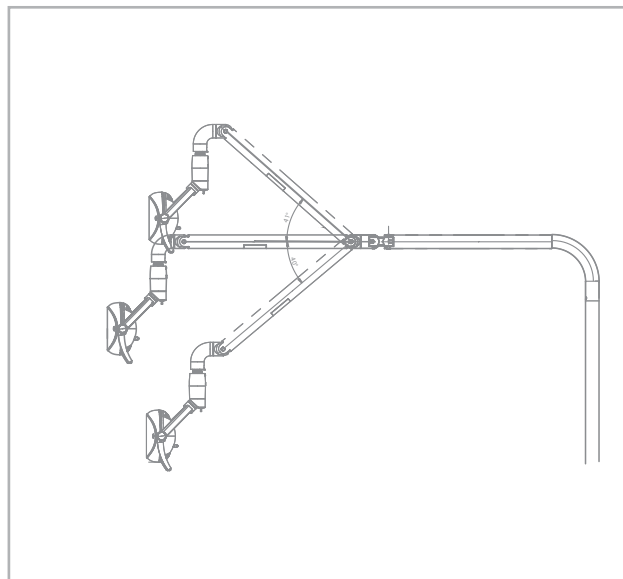
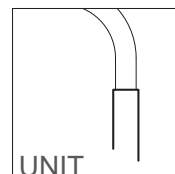
It fosters the communication with patients, is easy to install.

DENTAL LIGHTS

POLARIS

3 MOVEMENTS - STANDARD ARM

MOUNT



Part number	Product description
86710000M3	DENTAL LIGHT POLARIS UNIT MOUNT - 3MOV - SWITCH - STANDARD ARM
86710000M3P	DENTAL LIGHT POLARIS UNIT MOUNT - 3MOV - SWITCH - HIGHER BEND ARM
86SM0000M3	DENTAL LIGHT POLARIS UNIT MOUNT - 3MOV - SENSOR - STANDARD ARM
86SM0000M3P	DENTAL LIGHT POLARIS UNIT MOUNT - 3MOV - SENSOR - HIGHER BEND ARM

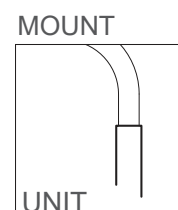
INSTALLATION KIT

PLEASE LOOK AT "POSSIBLE INSTALLATIONS" SECTION, pag.52

Standard pivot measure: 35 mm. Other measures available on request.

POLARIS

3 MOVEMENTS - FLOW MOTION ARM



- SMOOTH MOVEMENT
- 100% ALUMINIUM
- MODERN DESIGN
- EASY TO INSTALL

Part number	Product description
86710000A	DENTAL LIGHT POLARIS UNIT MOUNT - 3MOV - SWITCH - F.M. ARM
86710000AL	DENTAL LIGHT POLARIS UNIT MOUNT - 3MOV - SWITCH - F.M. ARM LONG
86SM0000M3A	DENTAL LIGHT POLARIS UNIT MOUNT - 3MOV - SENSOR - F.M. ARM.
86SM0000M3AL	DENTAL LIGHT POLARIS UNIT MOUNT - 3MOV - SENSOR - F.M. ARM LONG
86710100A	DENTAL LIGHT POLARIS UNIT MOUNT - 3MOV - SWITCH - H.90 F.M. ARM.
86710100AL	DENTAL LIGHT POLARIS UNIT MOUNT - 3MOV - SWITCH - H.90 F.M. ARM LONG
86SM0100M3A	DENTAL LIGHT POLARIS UNIT MOUNT - 3MOV - SENSOR - H.90 F.M. ARM.

INSTALLATION KIT

PLEASE LOOK AT "**POSSIBLE INSTALLATION**" SECTION, **pag.52**

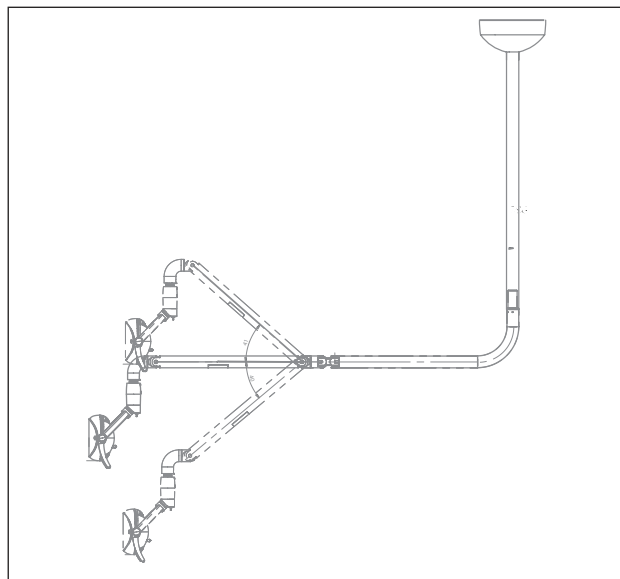
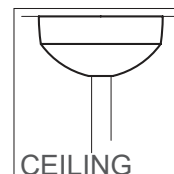
Standard pivot measure: 35 mm. Other measures available on request.

DENTAL LIGHTS

POLARIS

3 MOVEMENTS - STANDARD ARM

MOUNT



Part number	Product description
86660000M3	DENTAL LIGHT POLARIS CEILING MOUNT - 3MOV - SWITCH - STANDARD ARM
86SC0000M3	DENTAL LIGHT POLARIS CEILING MOUNT - 3MOV - SENSOR - STANDARD ARM

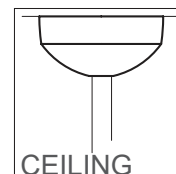
INSTALLATION KIT

PLEASE LOOK AT "POSSIBLE INSTALLATIONS" SECTION, pag.52

POLARIS

3 MOVEMENTS - FLOW MOTION ARM

MOUNT



- SMOOTH MOVEMENT
- 100% ALUMINIUM
- MODERN DESIGN
- EASY TO INSTALL

Part number	Product description
86660000A	DENTAL LIGHT POLARIS CEILING MOUNT - 3MOV - SWITCH - F.M. ARM
86SC0000A	DENTAL LIGHT POLARIS CEILING MOUNT - 3MOV - SENSOR - F.M. ARM.
86660000AL	DENTAL LIGHT POLARIS CEILING MOUNT - 3MOV - SWITCH - F.M. ARM LONG
86SC0000M3AL	DENTAL LIGHT POLARIS CEILING MOUNT - 3MOV - SENSOR - F.M. ARM.
86660100A	DENTAL LIGHT POLARIS CEILING MOUNT - 3MOV - SWITCH - H.90 F.M. ARM
86SC0100M3A	DENTAL LIGHT POLARIS CEILING MOUNT - 3MOV - SENSOR - H.90 F.M. ARM
86SC0100M3AL	DENTAL LIGHT POLARIS CEILING MOUNT - 3MOV - SENSOR - H.90 F.M. ARM LONG

INSTALLATION KIT

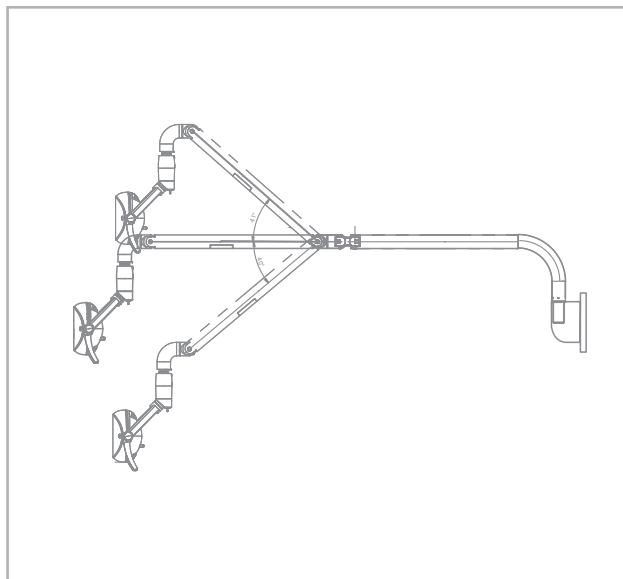
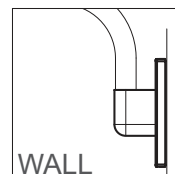
PLEASE LOOK AT "POSSIBLE INSTALLATIONS" SECTION, pag.52

DENTAL LIGHTS

POLARIS

3 MOVEMENTS - STANDARD ARM

MOUNT



Part number	Product description
86710000M3	DENTAL LIGHT POLARIS WALL MOUNT - 3MOV - SWITCH - STANDARD ARM
86710000M3P	DENTAL LIGHT POLARIS WALL MOUNT - 3MOV - SWITCH - HIGHER BEND ARM
86SM0000M3	DENTAL LIGHT POLARIS WALL MOUNT - 3MOV - SENSOR - STANDARD ARM
86SM0000M3P	DENTAL LIGHT POLARIS WALL MOUNT - 3MOV - SENSOR - HIGHER BEND ARM

INSTALLATION KIT

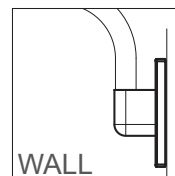
PLEASE LOOK AT "POSSIBLE INSTALLATIONS" SECTION, pag.52

Standard pivot measure: 35 mm. Other measures available on request.

POLARIS

3 MOVEMENTS - FLOW MOTION ARM

MOUNT



- SMOOTH MOVEMENT
- 100% ALUMINIUM
- MODERN DESIGN
- EASY TO INSTALL

Part number	Product description
86710000A	DENTAL LIGHT POLARIS WALL MOUNT - 3MOV - SWITCH - F.M. ARM
86710000AL	DENTAL LIGHT POLARIS WALL MOUNT - 3MOV - SWITCH - F.M. ARM LONG
86SM0000M3A	DENTAL LIGHT POLARIS WALL MOUNT - 3MOV - SENSOR - F.M. ARM.
86SM0000M3AL	DENTAL LIGHT POLARIS WALL MOUNT - 3MOV - SENSOR - F.M. ARM LONG
86710100A	DENTAL LIGHT POLARIS WALLMOUNT - 3MOV - SWITCH - H.90 F.M. ARM.
86710100AL	DENTAL LIGHT POLARIS WALLMOUNT - 3MOV - SWITCH - H.90 F.M. ARM LONG
86SM0100M3A	DENTAL LIGHT POLARIS WALL MOUNT - 3MOV - SENSOR - H.90 F.M. ARM.

INSTALLATION KIT

PLEASE LOOK AT "POSSIBLE INSTALLATION" SECTION, pag.52

Standard pivot measure: 35 mm. Other measures available on request.

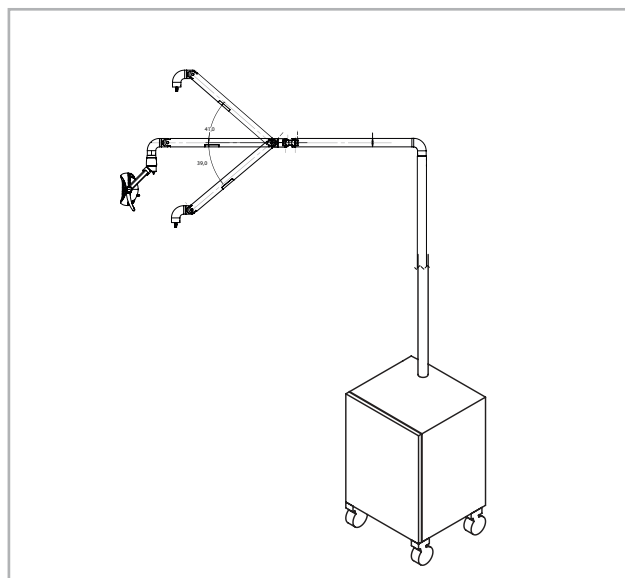
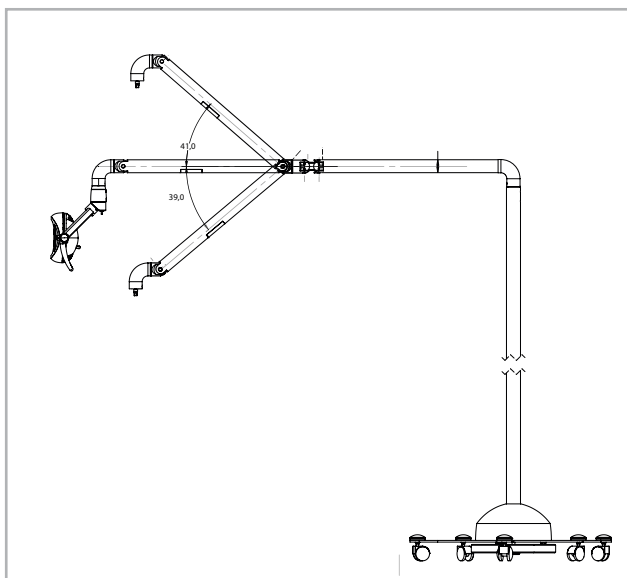
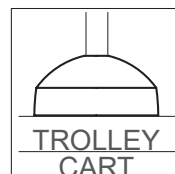


DENTAL LIGHTS

POLARIS

3 MOVEMENTS - STANDARD ARM

MOUNT



Part number	Product description
86710000M3	DENTAL LIGHT POLARIS TROLLEY/ CART MOUNT - 3MOV - SWITCH - STANDARD ARM
86710000M3P	DENTAL LIGHT POLARIS TROLLEY/ CART MOUNT - 3MOV - SWITCH - HIGHER BEND ARM
86SM0000M3	DENTAL LIGHT POLARIS TROLLEY/ CART MOUNT - 3MOV - SENSOR - STANDARD ARM
86SM0000M3P	DENTAL LIGHT POLARIS TROLLEY/ CART MOUNT - 3MOV - SENSOR - HIGHER BEND ARM

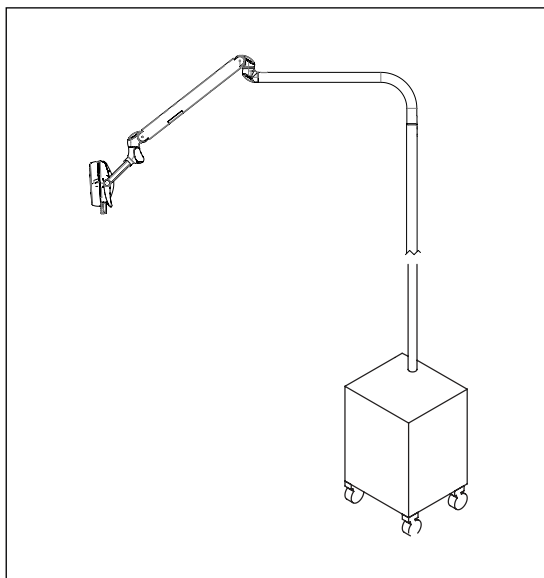
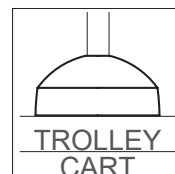
INSTALLATION KIT

PLEASE LOOK AT "POSSIBLE INSTALLATIONS" SECTION, pag.52

POLARIS

3 MOVEMENTS - FLOW MOTION ARM

MOUNT

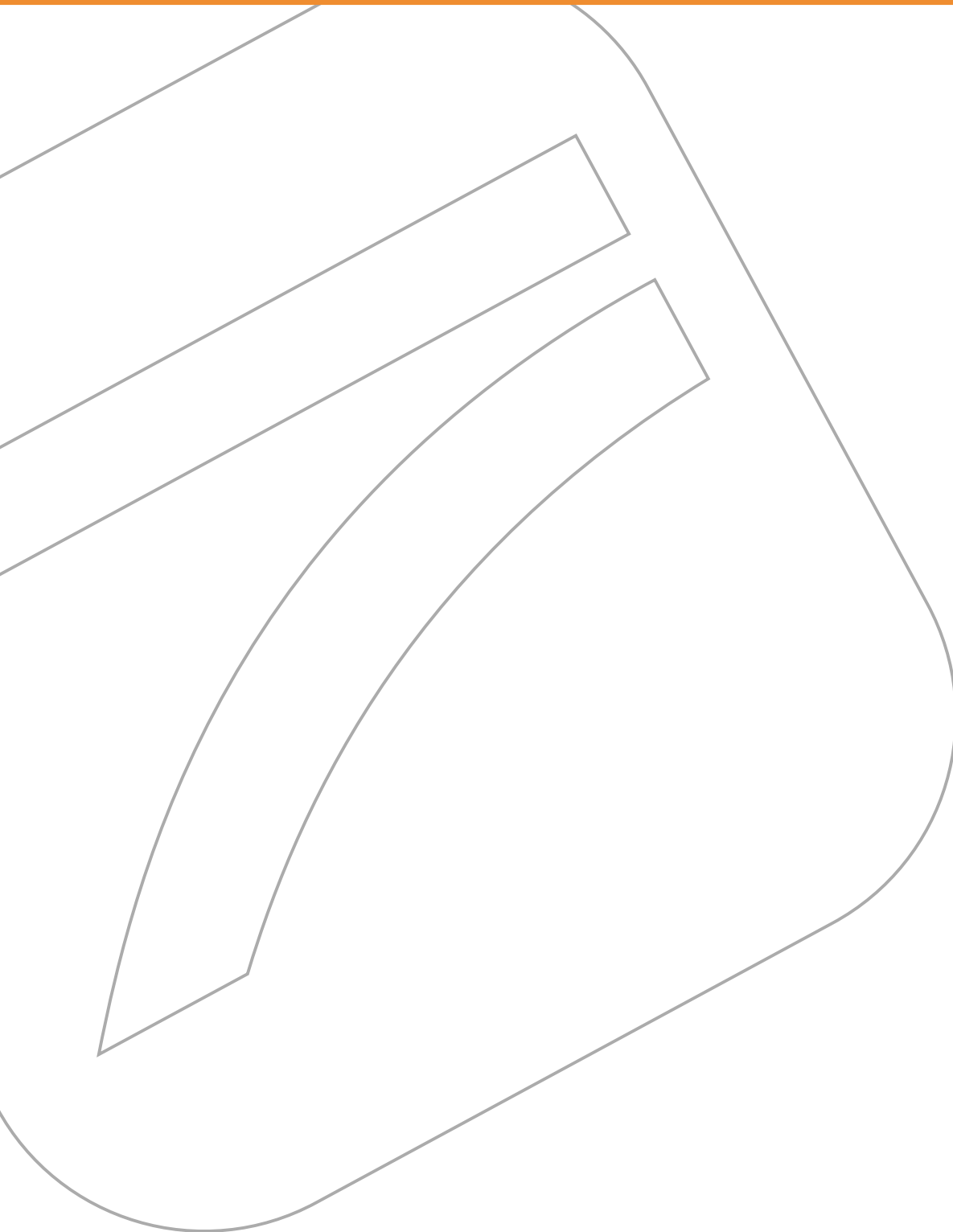


Part number	Product description
86680000A	DENTAL LIGHT POLARIS TROLLEY/ CART MOUNT 3MOV - SWITCH - F.M. ARM
86680100A	DENTAL LIGHT POLARIS TROLLEY/ CART MOUNT - 3MOV - SWITCH - H.90 F.M. ARM

INSTALLATION KIT

PLEASE LOOK AT "POSSIBLE INSTALLATIONS" SECTION, pag.52

DENTAL LIGHTS





IRIS

- LED TECHNOLOGY

- SURGERY MODE:

It optimizes colour contrast on soft tissues.



- ANTI-POLYMERIZATION MODE:

It reduces compound curing speed, without needing an external filter



- COLOUR MATCHING MODE:

5.500k - IT reproduces natural sun light



- **ADJUSTABLE COLOUR TEMPERATURE**
from 4.200 to 6.000 KELVIN

- **ADJUSTABLE LIGHT INTENSITY**
from 8.000 to 50.000 LUX

- **2 YEARS WARRANTY**

Arm colours



RAL 9010



RAL 9006



RAL 9005



RAL 9016



RAL 9003



RAL 9002



RAL 7048

»» Technical Specifications



Control Keyboard

- Colour temperature
- Light Intesity
- Control of -PRE SET



ON/OFF Switch

Easy to use, in a comfortable position.



ON/OFF Sensor

Turn the light on/off with a simple gesture:
maximum Hygiene



Mirror Kit

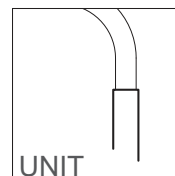
It fosters the communication with patients, is easy to install.

DENTAL LIGHTS

IRIS

3 MOVEMENTS - FLOW MOTION ARM

MOUNT



- SMOOTH MOVEMENT
- 100% ALUMINIUM
- MODERN DESIGN
- EASY TO INSTALL

Part number	Product description
86IL0000A	DENTAL LIGHT IRIS UNIT MOUNT - 3MOV - SWITCH - F.M. ARM
86IL0000AL	DENTAL LIGHT IRIS UNIT MOUNT - 3MOV - SWITCH - F.M. ARM LONG
86ILSE00A	DENTAL LIGHT IRIS UNIT MOUNT - 3MOV - SENSOR - F.M. ARM.
86ILSE00AL	DENTAL LIGHT IRIS UNIT MOUNT - 3MOV - SENSOR - F.M. ARM LONG
86IL0090A	DENTAL LIGHT IRIS UNIT MOUNT - 3MOV - SWITCH - H.90 F.M. ARM
86IL0090AL	DENTAL LIGHT IRIS UNIT MOUNT - 3MOV - SWITCH - H.90 F.M. ARM LONG
86ILSE90A	DENTAL LIGHT IRIS UNIT MOUNT - 3MOV - SENSOR - H.90 F.M. ARM

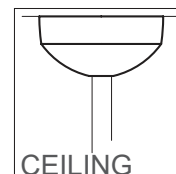
INSTALLATION KIT

PLEASE LOOK AT "POSSIBLE INSTALLATIONS" SECTION, pag.52

IRIS

3 MOVEMENTS - FLOW MOTION ARM

MOUNT



- SMOOTH MOVEMENT
- 100% ALUMINIUM
- MODERN DESIGN
- EASY TO INSTALL

Part number	Product description
86IS0000A	DENTAL LIGHT IRIS CEILING MOUNT - 3MOV - SWITCH - F.M. ARM
86IS0000AL	DENTAL LIGHT IRIS CEILING MOUNT - 3MOV - SWITCH - F.M. ARM LONG
86ICSE00A	DENTAL LIGHT IRIS CEILING MOUNT - 3MOV - SENSOR - F.M. ARM.
86ICSE00AL	DENTAL LIGHT IRIS CEILING MOUNT - 3MOV - SENSOR - F.M. ARM LONG
86IS0090A	DENTAL LIGHT IRIS CEILING MOUNT - 3MOV - SWITCH - H.90 F.M. ARM.
86IS0090AL	DENTAL LIGHT IRIS CEILING MOUNT - 3MOV - SWITCH - H.90 F.M. ARM. LONG
86ISSE90A	DENTAL LIGHT IRIS CEILING MOUNT - 3MOV - SENSOR - H.90 F.M. ARM

INSTALLATION KIT

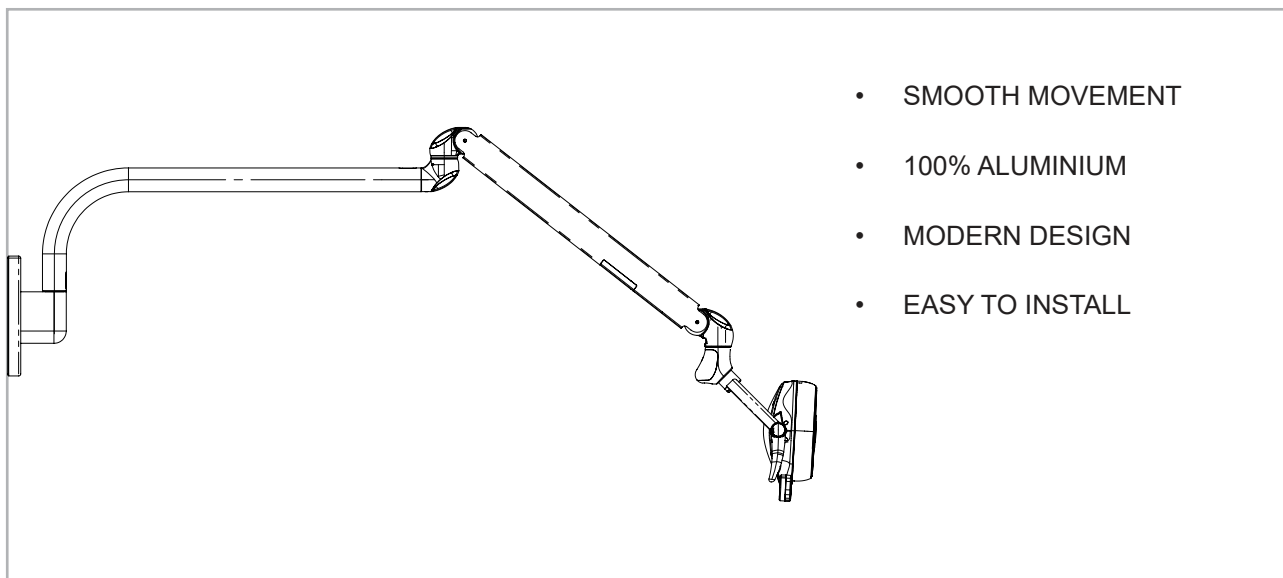
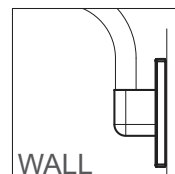
PLEASE LOOK AT "POSSIBLE INSTALLATIONS" SECTION, pag.52

DENTAL LIGHTS

IRIS

3 MOVEMENTS - FLOW MOTION ARM

MOUNT



Part number	Product description
86IL0000A	DENTAL LIGHT IRIS WALL MOUNT - 3MOV - SWITCH - F.M. ARM
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86ILSE00A	DENTAL LIGHT IRIS WALL MOUNT - 3MOV - SENSOR - F.M. ARM.
86ILSE00AL	DENTAL LIGHT IRIS WALL MOUNT - 3MOV - SENSOR - F.M. ARM LONG
86IL0090A	DENTAL LIGHT IRIS WALL MOUNT - 3MOV - SWITCH - H.90 F.M. ARM
86IL0090AL	DENTAL LIGHT IRIS WALL MOUNT - 3MOV - SWITCH - H.90 F.M. ARM LONG
86ILSE90A	DENTAL LIGHT IRIS UNIT MOUNT - 3MOV - SENSOR - H.90 F.M. ARM

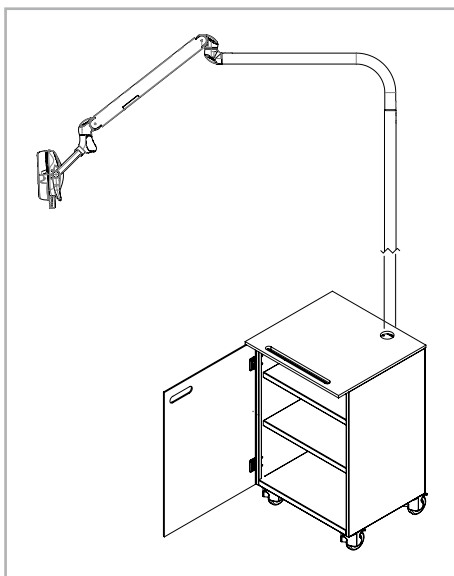
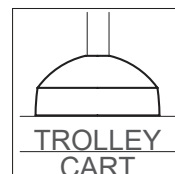
INSTALLATION KIT

PLEASE LOOK AT "POSSIBLE INSTALLATIONS" SECTION, pag.52

IRIS

3 MOVEMENTS - FLOW MOTION ARM

MOUNT



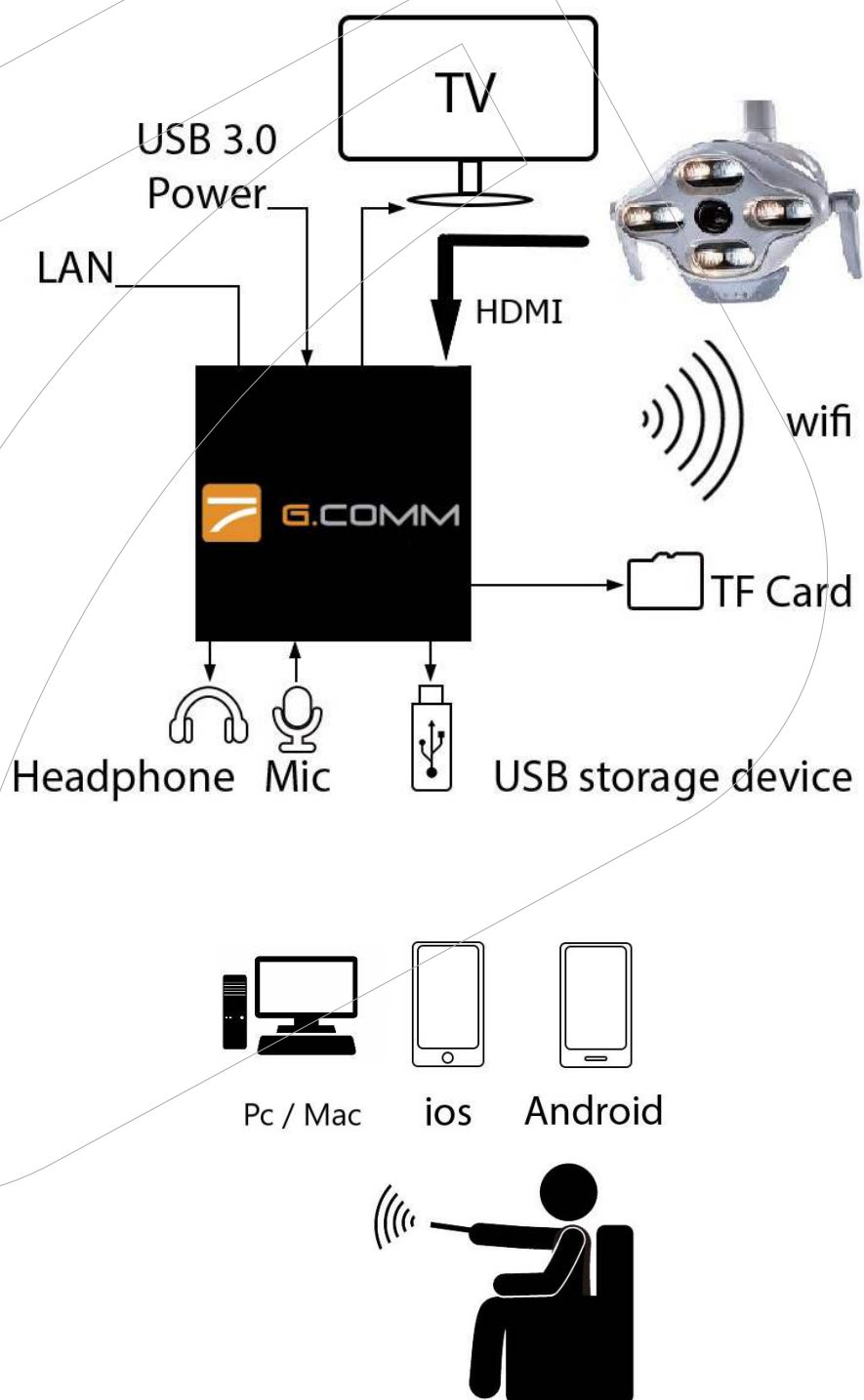
Part number	Product description
86680000A	DENTAL LIGHT IRIS TROLLEY / CART MOUNT - 3MOV - SWITCH - F.M. ARM
86680100A	DENTAL LIGHT IRIS TROLLEY / CART MOUNT - 3MOV - SWITCH - H.90 F.M. ARM.

INSTALLATION KIT

PLEASE LOOK AT "POSSIBLE INSTALLATIONS" SECTION, pag.52

DENTAL LIGHTS

IRIS VIEW - INTEGRATED SYSTEM





IRIS VIEW

- Full HD CAMERA- **30X OPTICAL** zoom

- **SURGERY MODE:**

It optimizes colour contrast on soft tissues.



- **ANTI-POLYMERIZATION MODE:**

It reduces compound curing speed, without needing an external filter



- **COLOUR MATCHING MODE:**

5.500k - IT reproduces natural sun light



- **ADJUSTABLE COLOUR TEMPERATURE**
from 4.200 to 6.000 KELVIN

- **ADJUSTABLE LIGHT INTENSITY**

- **2 YEARS WARRANTY**

Arm colours



RAL 9010



RAL 9006



RAL 9005



RAL 9016



RAL 9003



RAL 9002



RAL 7048

»» Technical Specifications



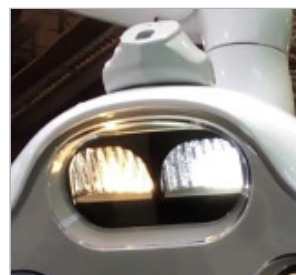
Telecamera FULL HD - Zoom Ottico **30x**

- Altissima qualità video
- Nessuna latenza
- Comanda tutto da iPad
- Comunica, registra, insegna



ON/OFF Switch

Easy to use, in a comfortable position.



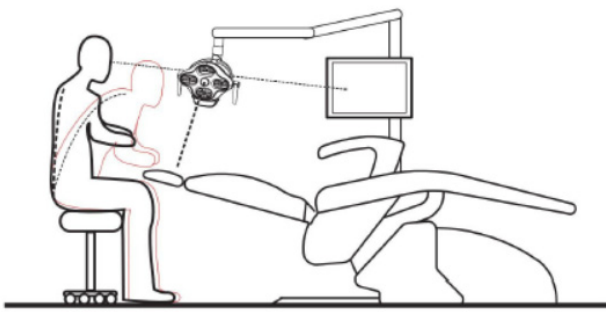
ON/OFF Sensor

Turn the light on/off with a simple gesture:
maximum Hygiene

DENTAL LIGHTS

IRIS VIEW: THE PERFECT TOOL FOR YOUR EVERYDAY WORK

- REDUCES EYESTRAIN
- FOSTERS CONCENTRATION
- IMPROVES PHYSICAL AND PSYCHOLOGICAL WELLBEING

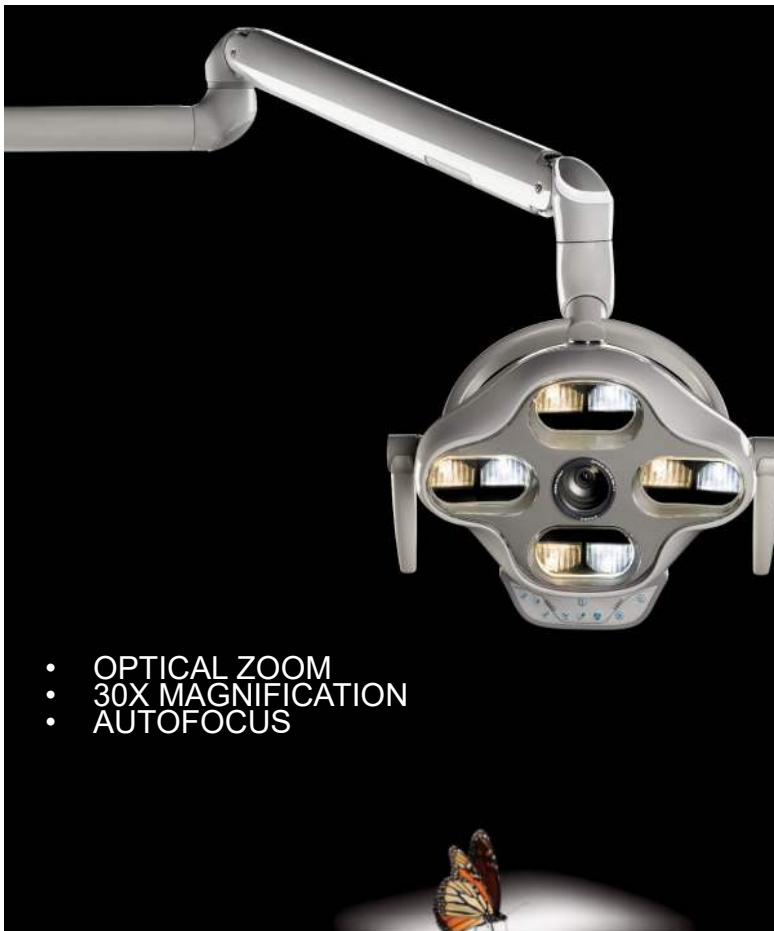


- CREATES ERGONOMICS IN DENTAL PRACTICE
- REDUCES CERVICAL AND LUMBAR DISEASES

- IMPROVES COMMUNICATION
- SHOWS IN A CLEAR WAY TREATMENTS AND RESULTS



- RECORDS
- DOCUMENTS
- SHARES



IRIS VIEW INTEGRATED CAMERA

- OPTICAL ZOOM
- 30X MAGNIFICATION
- AUTOFOCUS

Optical 30x Zoom

DETAILS MAKE THE DIFFERENCE!

• 3 PRE-SET PROGRAMMES + 1 PERSONALIZED PROGRAMME

SURGERY MODE 	ANTI POLYMERIZATION MODE 	COLOUR MATCHING MODE 	PERSONALIZED PROGRAMME 
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- ALL PARAMETERS CAN BE SET THROUGH THE APP FOR I-PAD *My light* 

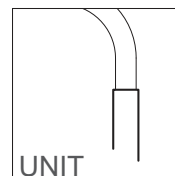


DENTAL LIGHTS

IRIS VIEW

3 MOVEMENTS - FLOW MOTION ARM

MOUNT



- SMOOTH MOVEMENT
- 100% ALUMINIUM
- MODERN DESIGN
- EASY TO INSTALL

Part number	Product description
86IR0000A	DENTAL LIGHT IRIS VIEW UNIT MOUNT - 3MOV - SWITCH - F.M. ARM
86IR0000AL	DENTAL LIGHT IRIS VIEW UNIT MOUNT - 3MOV - SWITCH - F.M. ARM LONG
86IR0090A	DENTAL LIGHT IRIS VIEW UNIT MOUNT - 3MOV - SWITCH - H.90 F.M. ARM
86IR0090AL	DENTAL LIGHT IRIS VIEW UNIT MOUNT - 3MOV - SWITCH - H.90 F.M. ARM LONG

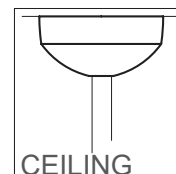
INSTALLATION KIT

PLEASE LOOK AT "POSSIBLE INSTALLATIONS" SECTION, [pag.52](#)

IRIS VIEW

3 MOVEMENTS - FLOW MOTION ARM

MOUNT



Part number	Product description
86IC0000A	DENTAL LIGHT IRIS VIEW CEILING MOUNT - 3MOV - SWITCH - F.M. ARM
86IC0090A	DENTAL LIGHT IRIS VIEW CEILING MOUNT - 3MOV - SWITCH - H.90 F.M. ARM

INSTALLATION KIT

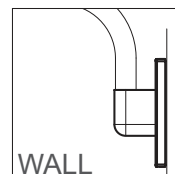
PLEASE LOOK AT "POSSIBLE INSTALLATIONS" SECTION, pag.52

DENTAL LIGHTS

IRIS VIEW

3 MOVEMENTS - FLOW MOTION ARM

MOUNT



- SMOOTH MOVEMENT
- 100% ALUMINIUM
- MODERN DESIGN
- EASY TO INSTALL

Part number	Product description
86IR0000A	DENTAL LIGHT IRIS VIEW WALL MOUNT - 3MOV - SWITCH - F.M. ARM
86IR0000AL	DENTAL LIGHT IRIS VIEW WALL MOUNT - 3MOV - SWITCH - F.M. ARM LONG
86IR0090A	DENTAL LIGHT IRIS VIEW WALL MOUNT - 3MOV - SWITCH - H.90 F.M. ARM
86IR0090AL	DENTAL LIGHT IRIS VIEW WALL MOUNT - 3MOV - SWITCH - H.90 F.M. ARM LONG

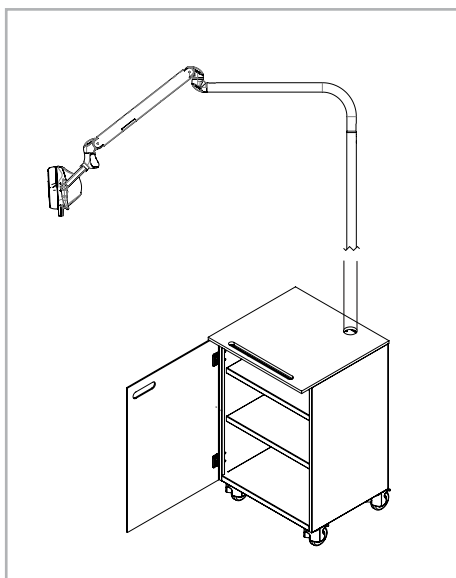
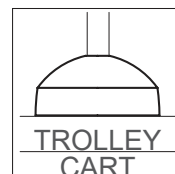
INSTALLATION KIT

PLEASE LOOK AT "POSSIBLE INSTALLATIONS" SECTION, pag.52

IRIS VIEW

3 MOVEMENTS - FLOW MOTION ARM

MOUNT



Part number	Product description
86IT0000A	DENTAL LIGHT IRIS VIEW TROLLEY / CART MOUNT - 3MOV - SWITCH - F.M. ARM
86IT0090A	DENTAL LIGHT IRIS VIEW TROLLEY / CART MOUNT - 3MOV - SWITCH - H.90 F.M. ARM

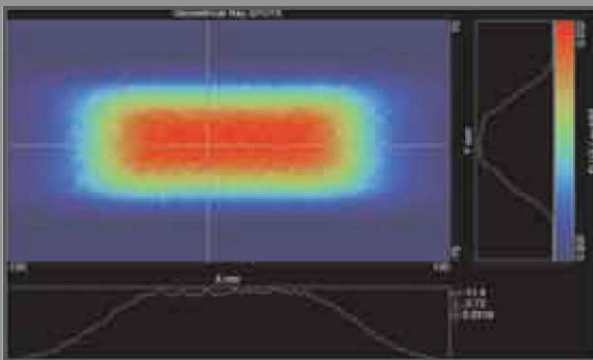
INSTALLATION KIT

PLEASE LOOK AT "POSSIBLE INSTALLATIONS" SECTION, [pag.52](#)

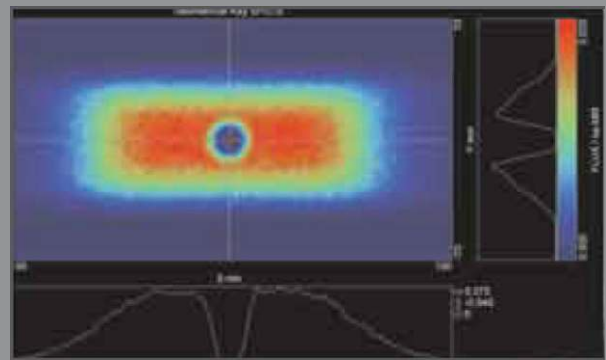


DENTAL LIGHTS

LED TECHNOLOGY TO LIGHT YOUR WORK



DISTRIBUTION OF LIGHT INTENSITY AT 70cm.



DISTRIBUTION OF LIGHT INTENSITY WITH BARRIER AT 50mm FROM THE SOURCE

HIGH LIFETIME

LED lifetimes are higher than halogen lights lifetimes.
The minimum LED lifetime is about 50.000 hours



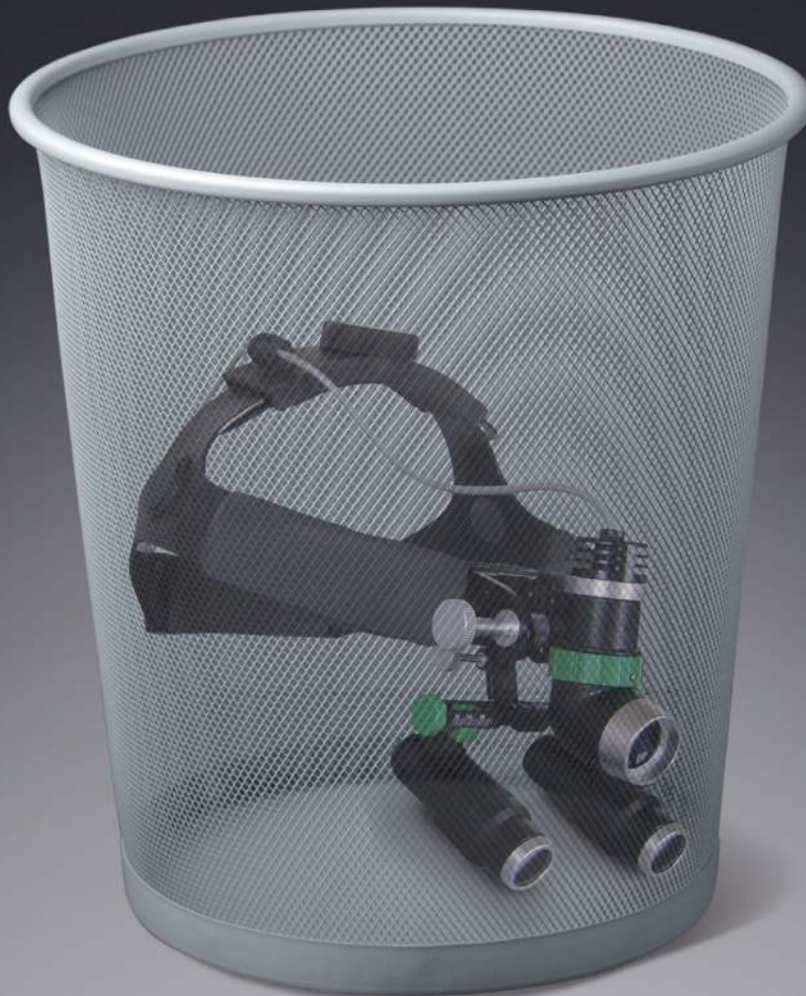


G.COMM

www.gcomm-online.com



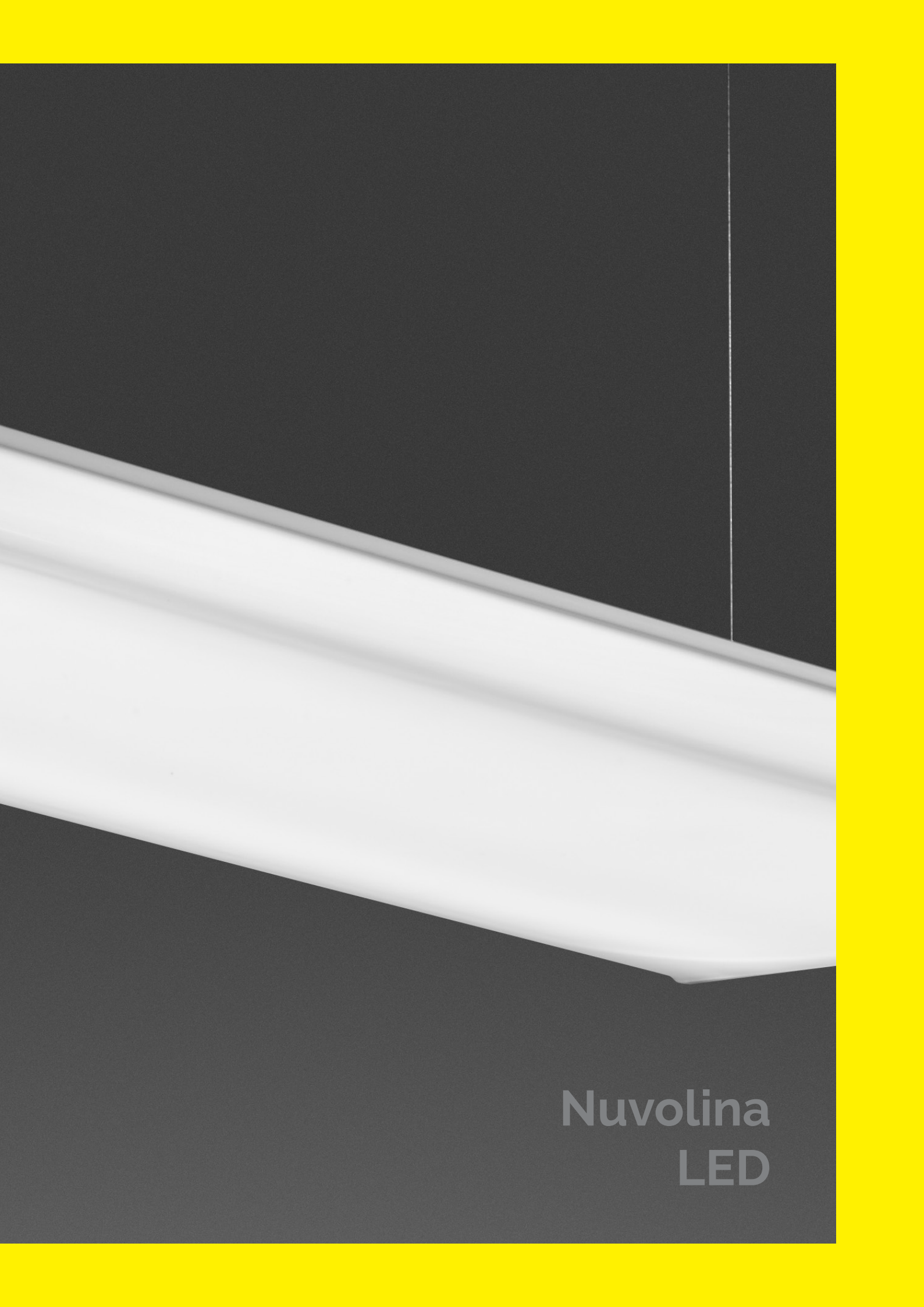
IRIS POINT OF VIEW





PROFESSIONAL CEILING LIGHTS

SOLUTIONS FOR ENVIRONMENTAL
LIGHTING



Nuvolina
LED

PROFESSIONAL CEILING LIGHTS



NUVOLINA LED

- INNOVATIVE LED TECHNOLOGY
- DIRECT AND INDIRECT LIGHTING
- DIMMABLE VERSION
- ENERGY SAVING
- 20.000 lumen
- CRI > 90



NUVOLINA LIGHT LED

- INNOVATIVE LED TECHNOLOGY
- DIRECT AND INDIRECT LIGHTING
- DIMMABLE VERSION
- ENERGY SAVING
- 20.000 lumen
- CRI > 90



AVAILABLE WITH **EMERGENCY KIT**

1HOUR OF LIGHT
IN CASE OF LACK OF ELECTRICITY

G.COMM ceiling lights are specifically designed for: **providing a complete and integrated lighting** in dental practices, compliant with **UNI EN 12464-1** regulations, which indicate the right lighting level that should be achieved in the different areas.

A correct lighting **prevents eyestrain** and fosters professionals' **wellbeing**.

... BECAUSE WE CARE ABOUT YOUR EYES

G.COMM ceiling lights have been designed with **high quality materials**, which are durable and **easy to clean** to prevent bacterial proliferation.

The **linear and elegant design** of G.COMM ceiling lights is ideal for every dental practice, from the most modern to the most classical ones, perfectly fitting into the different architectures

- WORKING AREA ANALYSIS

SURGICAL ROOMS 1 - 2 - 3

Headroom: 2.800 m,

Reflection coefficients: Ceiling 90.0%, Walls 80.0%,
Floor 60.0%, Decreasing factor: 0.80

SURGICAL ROOMS 4 - 5

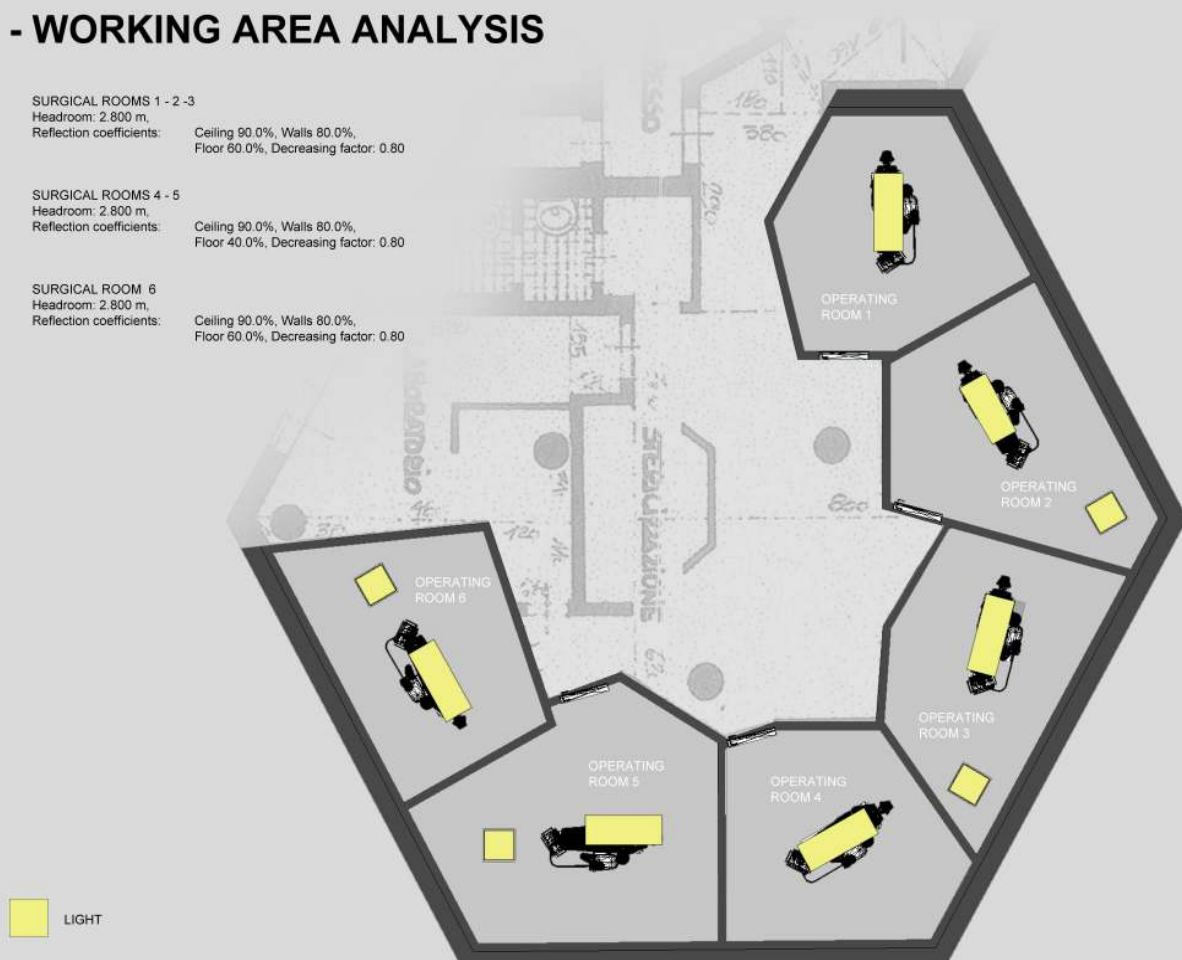
Headroom: 2.800 m,

Reflection coefficients: Ceiling 90.0%, Walls 80.0%,
Floor 40.0%, Decreasing factor: 0.80

SURGICAL ROOM 6

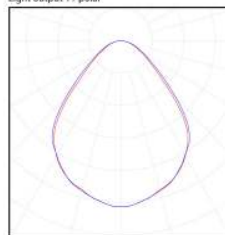
Headroom: 2.800 m,

Reflection coefficients: Ceiling 90.0%, Walls 80.0%,
Floor 60.0%, Decreasing factor: 0.80

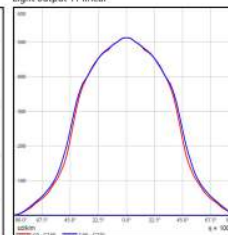


Light emission 1
Equipment: 1 x LED 31W 4000K 60x60
Efficiency: 99,95%
luminous flux bulb: 4250 lm
luminous flux lights: 4248 lm
Power: 31.0 W
Luminous efficiency: 137,0 lm/W
Colorimetry data: 4000 K, CRI 80

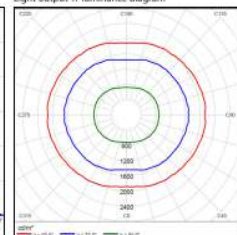
Light output 1 / polar



Light output 1 / linear

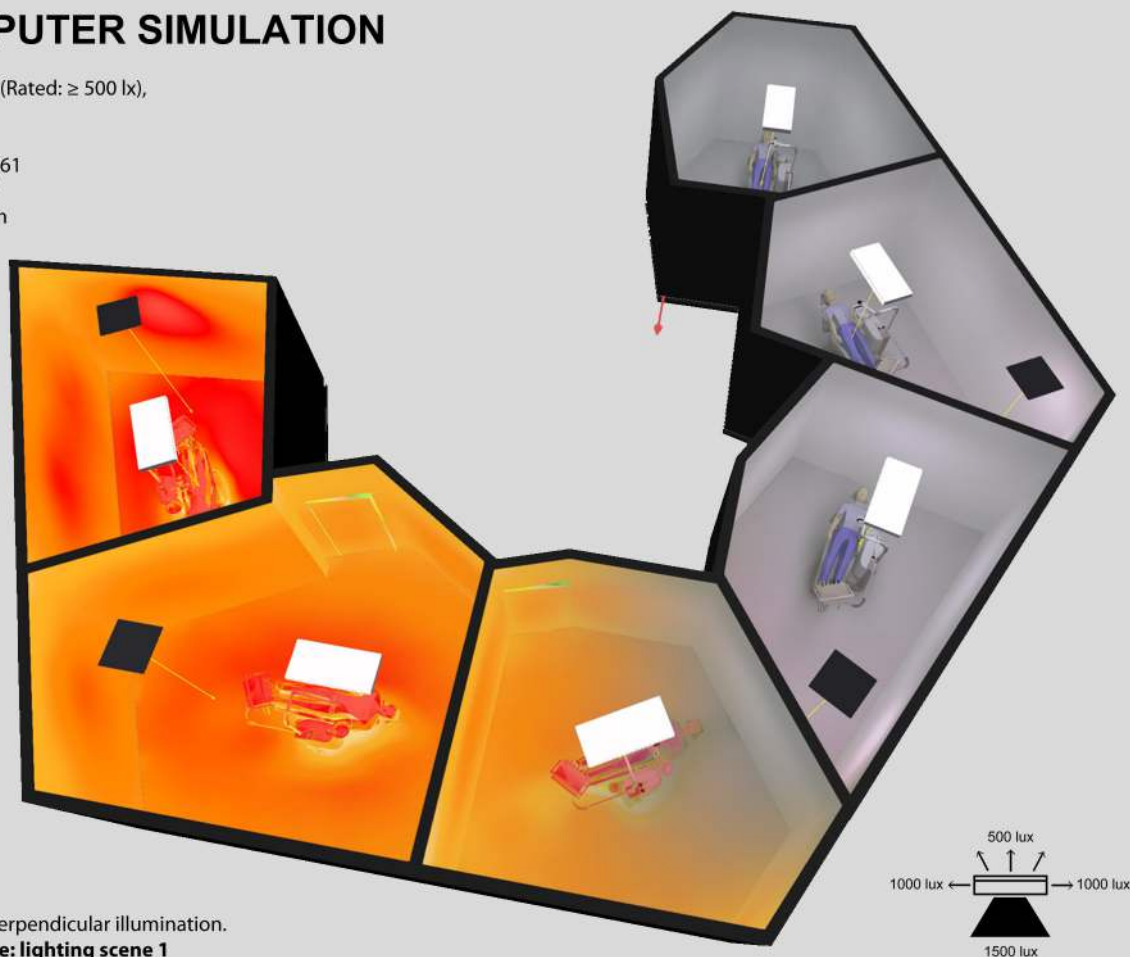


Light output 1 / luminance diagram



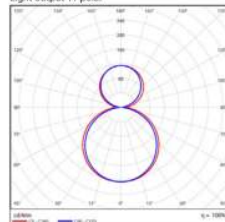
- COMPUTER SIMULATION

Middle: 604 lx (Rated: ≥ 500 lx),
 Min: 370 lx
 Max: 997 lx
 Min/Middle: 0.61
 Min/Max: 0.37
 Height: 0.900m

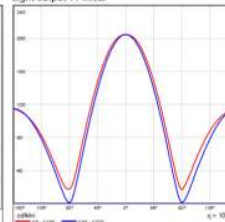


Efficiency: 100,00%
 Luminous flux bulb: 10318 lm
 Luminous flux lights: 10318 lm
 Power: 137,9 W
 Luminous efficiency: 74,8 lm/W
 Colorimetry data
 1x : CCT 4470 K, CRI 96

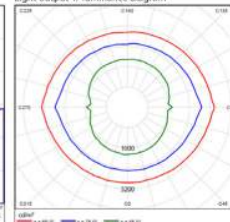
Light output 1/ polar



Light output 1/ linear



Light output 1/ luminance diagram



PROFESSIONAL CEILING LIGHTS



1300LED

Nuvolina LED

- **INNOVATIVE LED TECHNOLOGY**
- **DIRECT + INDIRECT** Lighting
 - > 1500Lux on the operating field
 - > 1000Lux on the working area
 - > 500Lux on the passing by area
- **LUMINOUS FLOW:** 20.000 Lumen
- **ADJUSTABLE LIGHT INTENSITY (DIMMABLE MODEL)**
- **ADJUSTABLE COLOUR TEMPERATURE (DIMMABLE MODEL)**
from 3500K to 5700K
- **CRI>90** for a perfect colour rendering
- **LONG LIFETIME LEDS** +50.000 hours
- **DIMENSIONS:** 1166x507x88mm
- **2 YEARS WARRANTY**

Part number	Product description
84100000	NUVOLINA LED 5.700K
84090000	NUVOLINA LED DIMMABLE VERSION

WITH EMERGENCY KIT

Part number	Product description
84120000	NUVOLINA LED 5.700K + EMERGENCY KIT
84110000	NUVOLINA LED DIMMABLE VERSION + EMERGENCY KIT



1300LED

Nuvolina Light LED

- **INNOVATIVE LED TECHNOLOGY**
- **DIRECT + INDIRECT** Lighting
 - > 3000Lux on the operating field^{*}
 - > 2000Lux on the working area
 - > 500Lux on the passing by area^{*}

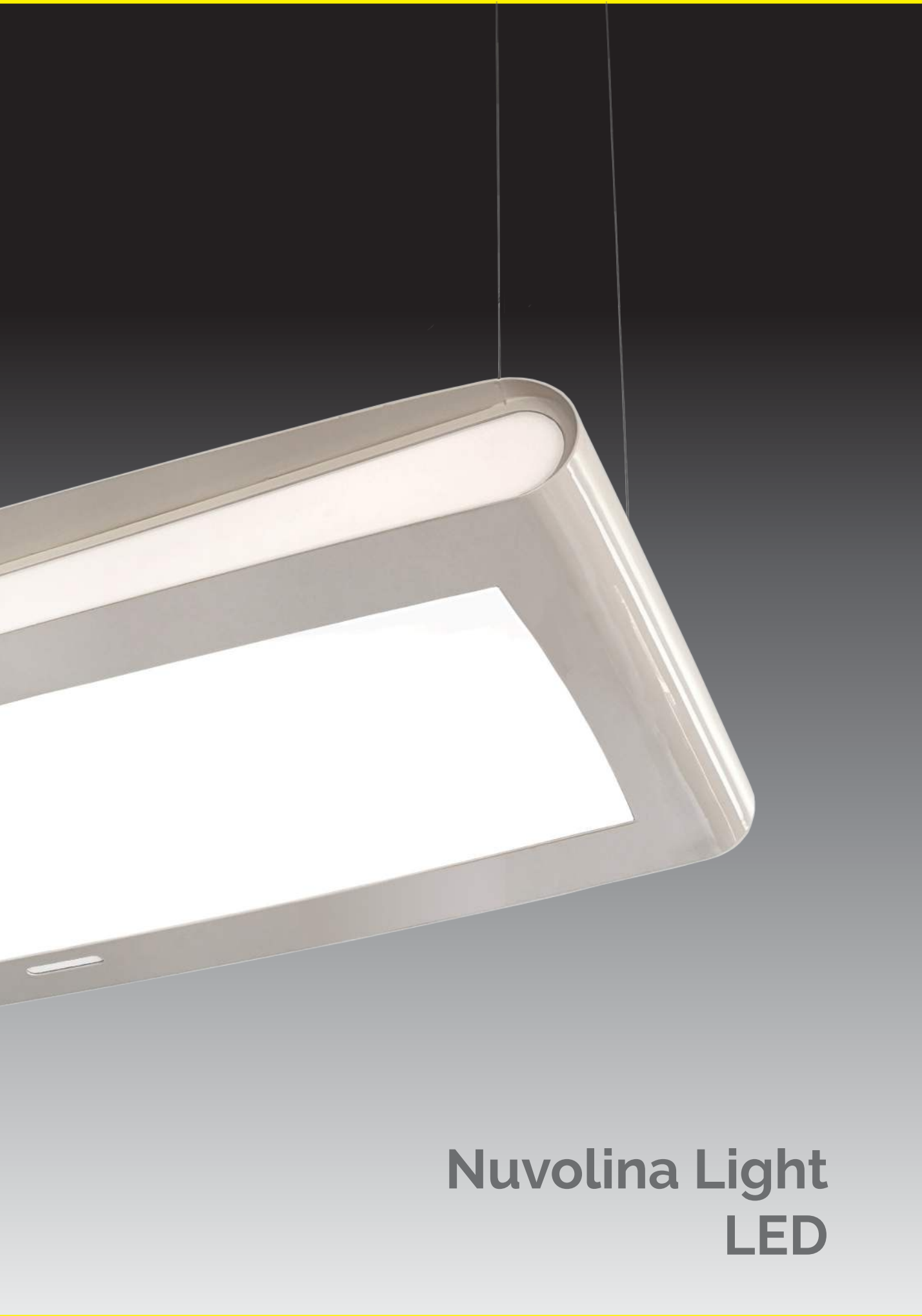
(h.90cm from the pavement)
- **LUMINOUS FLOW:** 20.000 Lumen
- **ADJUSTABLE LIGHT INTENSITY (DIMMABLE MODEL)**
- **ADJUSTABLE COLOUR TEMPERATURE (DIMMABLE MODEL)**
from 3500K to 5700K
- **CRI>90** for a perfect colour rendering
- **LONG LIFETIME LEDS** +50.000 hours
- **DIMENSIONS:** 1161x483x85mm
- **2 YEARS WARRANTY**

Part number	Product description
84130000	NUVOLINA LIGHT LED
84140000	NUVOLINA LIGHT LED DIMMABLE VERSION WITH SENSOR

WITH EMERGENCY KIT

Part number	Product description
84160000	NUVOLINA LIGHT LED + EMERGENCY KIT
84150000	NUVOLINA LIGHT LED DIMMABLE VERSION WITH SENSOR + EMERGENCY KIT





**Nuvolina Light
LED**

WHITENING LIGHTS

SOLUTIONS FOR TEETH WHITENING





WHITENING LIGHT

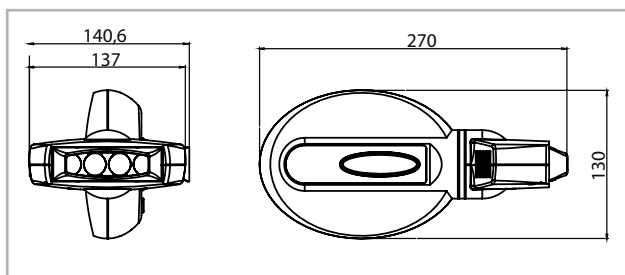


CORE WHITE whitening light

Core White is a LED whitening light, designed to satisfy different needs in terms of whitening programmes and installation's requirements.

- **LED TECHNOLOGY:**
 - 4 led (4 x 3,5W - Spectrum 420-480nm)
 - 2000mW (luminous power)
- **RECTANGULAR, HOMOGENEOUS PATTERN**
- **SPECTRUM WITHOUT LUCE UV AND IR LIGHT**
- **4 PRE-SET PROGRAMMES**
- **TO BE INSTALLED IN EVERY G.COMM DENTAL LIGHT HEADS or ON A STAND-ALONE TROLLEY**
- **LCD SCREEN, easy to set**
- **2 YEARS WARRANTY**

»»» Technical Specifications



Technical Specifications

- 4 LED
- Pattern 80x20 mm
- Power 2000 mW



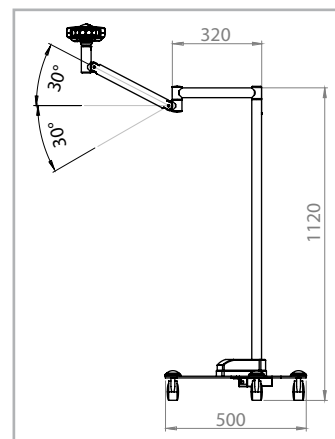
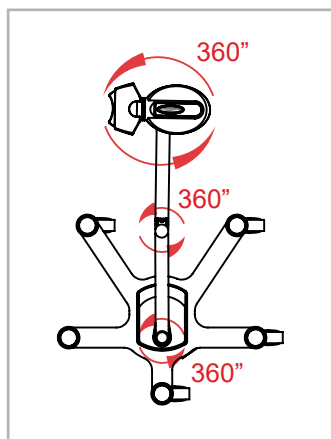
4 Pre-set Programmes

- 1-20 minutes treatment time adjustable
- The right solution for your specific needs: from the complete whitening of both dental arcades to the specific whitening of a limited dental area.



ON A TROLLEY

- wide movement range, thanks to the arm.
- ergonomic working position
- stable, thanks to braked wheels
- It cart can be easily moved thanks to the wheel system.



ON G.COMM DENTAL LIGHT HEADS

- Easy to install
- No external support
- Space saving
- Installable on G.COMM dental lights heads Polaris and Iris.
- **Swayng system** for an immediate positioning



Part number	Product description
86.L100.0000	WHITENINH LIGHT CORE WHITE - TO BE INSTALLED ON A IRIS/POLARIS LIGHT HEAD
86.L101.0000	WHITENINH LIGHT CORE WHITE WITH TROLLEY SUPPORT (POLE INCLUDED)

POSSIBLE INSTALLATIONS

FIXING SYSTEMS

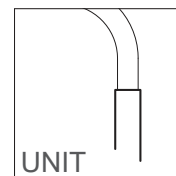
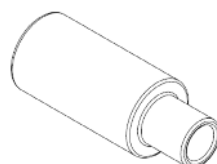




POSSIBLE INSTALLATIONS



UNIT PIVOTS

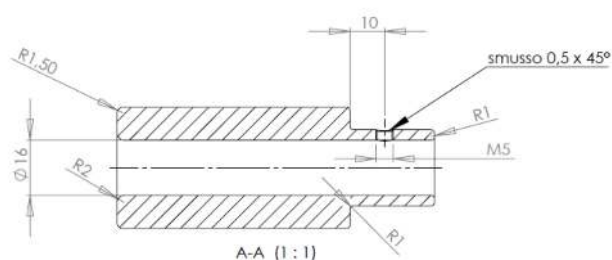
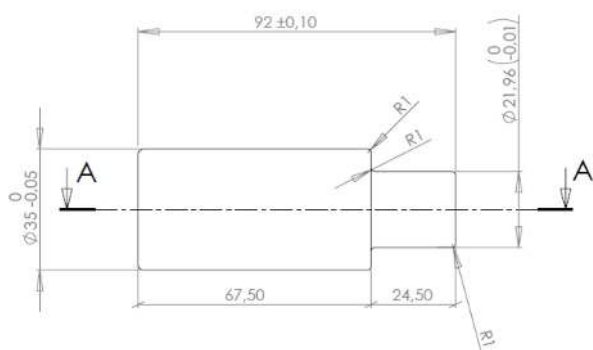


G.COMM DENTAL light can be provided with different pivots to adapt to every unit.

The standard pivot for a unit mounted light is 35 mm.

Other measures of pivot available on request

Standard Pivot



Main pivot measures, for illustrative purposes only

Unit model	Pivot diameter	Arm type	Notes
ADEC® Radius e Performer	35 mm	Higher bend	A short pole could be necessary
ADEC® 200 / 300 / 500	35 mm	Higher bend	A short pole could be necessary
ANTHOS®	35 mm	Higher bend	
BELMONT®	28 mm	Higher bend	
CASTELLINI® Puma Eli® new	35 mm	Higher bend	
Skema® 5/6/8 new			
CASTELLINI® Skema® 4/6 old	to be measured (usually 27,8 mm)	Higher bend	A short pole could be necessary, usually L: 700
CASTELLINI® Puma®	to be measured (usually 27,8 mm)	Higher bend	A short pole could be necessary, usually L: 550/600

Modello riunito	D. Codulo	Braccio	Note
CASTELLINI® Logos®	to be measured (usually 30 mm)	Higher bend	A short pole could be necessary, usually L: 490
CASTELLINI® Logos Junior®	to be measured (usually 27,8 mm)	Higher bend	
CASTELLINI® Duo®	to be measured (usually 40 mm)	Higher bend	A short pole could be necessary, usually L: 800
HEKA® UnicLine S® /Unic®			Special arm with specific adapter (round or square)
CEMM®	35 mm	Higher bend	A short pole could be necessary
EURODENT® old models	30 mm	Straight, H90	Please verify the actual measure
EURODENT® Absolut®	27 mm	Higher bend	Please verify the actual measure
EURODENT® other models		Higher bend	Please verify the actual measure
GALBIATI®	35 mm	Higher bend	
KAVO® light Kavolux®	KAVO Double Adapter	Depends on the model	A short pole could be necessary
KAVO® Faro® light	35 mm	Higher bend	A short pole could be necessary
MIGLIONICO®	35 mm	Higher bend	
NEW IDEM®	35 mm	Higher bend	
O.M.S.®	35 mm	Higher bend	
PLANMECA®	18 mm	Straight, H90	
PLANMECA® Sovereign® Compact I® new	25 mm	Straight, H90	
SIRONA® C Series	35 mm + delrin adapter	Straight, H90	
SIRONA® Teneo® /Intego®	20 mm + delrin adapter	Straight, H90	
SIRONA® Sinus®	Sinius adapter	Straight, H90	
STERN'WEBER®	35 mm	Higher bend	
SWIDENT®	35 mm	Higher bend	
VITALI®	35 mm	Higher bend	

® The names in the table are registered trademarks

Please, always verify the actual size of the pivot, during the on-the-spot inspection.

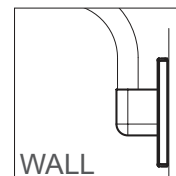
The details in the table are purely illustrative. G.COMM declines every responsibility in case of changes from producers.



POSSIBLE INSTALLATIONS



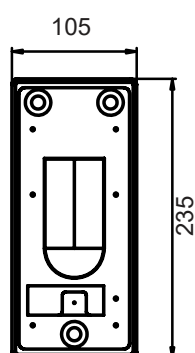
WALL MOUNT



G.COMM dental light can be easily installed on a wall, thanks to the wall and an external transformer..

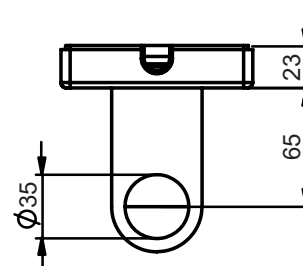
Part number	Product description
82090000	WALL MOUNT APPLICATION - WITHOUT TRANSFORMER
39020001	ELECTRONIC TRANSFORMER 60VA 230/24V

Fixing plate



Front view

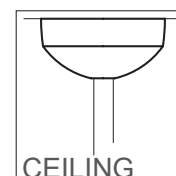
Fixing plate



From above

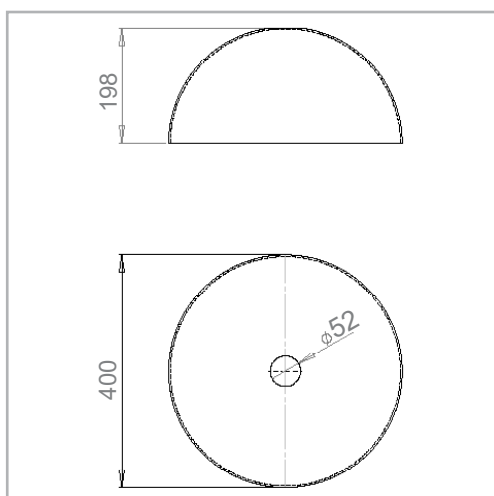
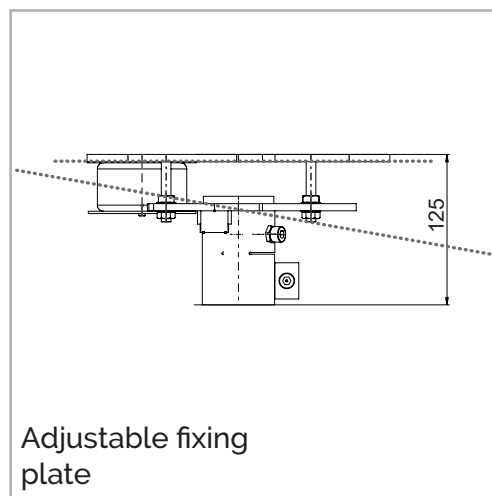
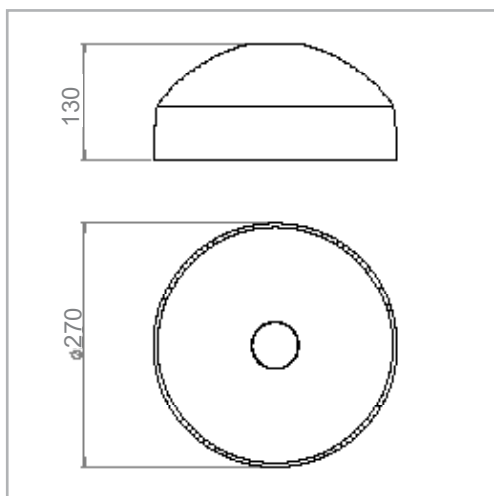


CEILING ATTACHMENT



G.COMM dental light can easily be mounted on the ceiling, thanks to a ceiling attachment and a pole

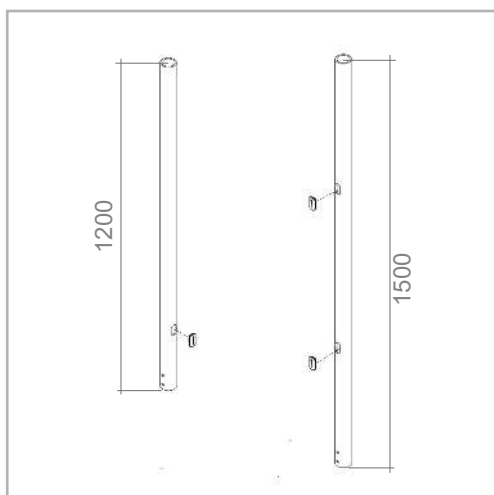
Part number	Product description
82100011/24V	CEILING ADAPTOR, ADJUSTABLE, TRANSF.24V AND STANDARD COVER



HIGHER COVER, AVAILABLE ON REQUEST

Part number	Product description
-------------	---------------------

82300000	HIGHER CEILING COVER
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POLE FOR CEILING MOUNT

Part number	Product description
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82110004	CEILING COLUMN Ø = 50 MM L = 150 CM
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82110003	CEILING COLUMN Ø = 50 MM L = 120 CM
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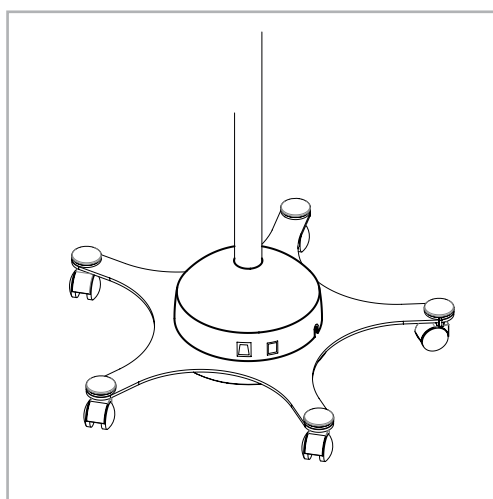
POSSIBLE INSTALLATIONS



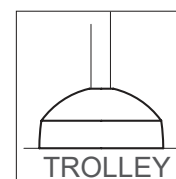
ALTERNATIVE CEILING COVER, ON REQUEST

Part number	Product description
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82200000	COVER KIT FOR FALSE CEILING
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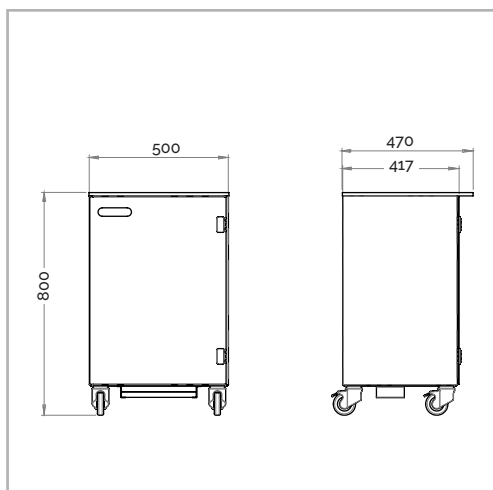
ON A TROLLEY



G.COMM dental lights can be mounted on a trolley, for a stand-alone solution.

Part number	Product description
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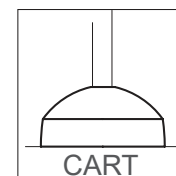
83010000	TROLLEY FOR DENTAL LIGHT WITH COLUMN
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ON A SURGICAL CART

G.COMM dental lights can be mounted on a surgical cart, for a stand-alone solution..

Cart dimensions:
500mm x 470mm x h.800mm



Part number	Product description
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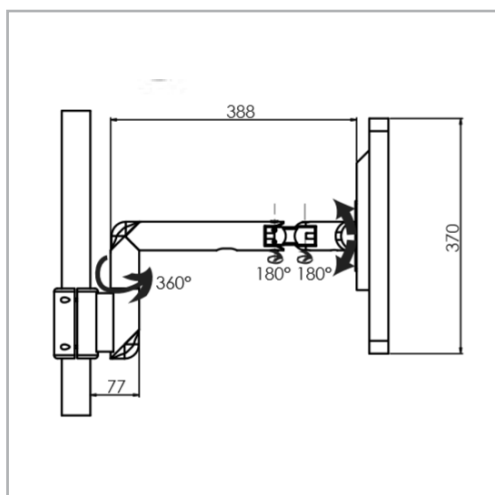
83040000	SURGICAL CART FOR DENTAL LIGHT WITH COLUMN
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VIDEO SYSTEMS



MONITOR & ACCESSORIES



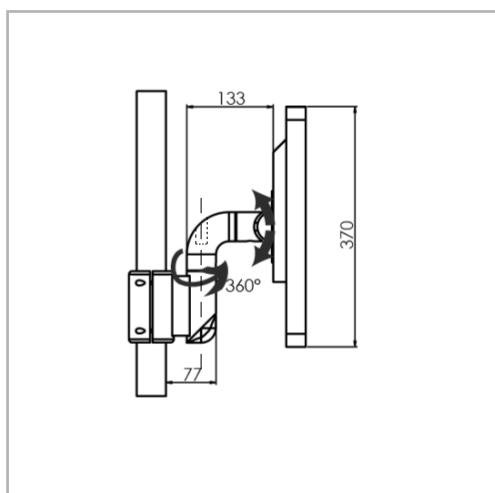
LONG MONITOR ARM

G.COMM provides different monitor arm, to enhance ergonomics in the working area.

Part number	Product description
87010000/NC	LONG MONITOR ARM, WITHOUT CABLES
87010000	LONG MONITOR ARM, WITH CABLES*

Standard cables : SVGA + Video cable + Powe supply cable

HDMI cable: please specify this request in your order



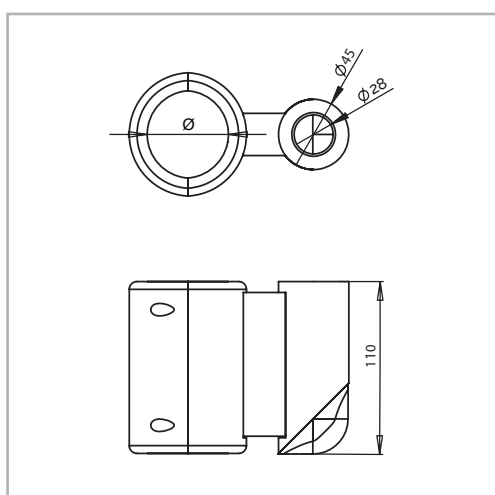
SHORT MONITOR ARM

G.COMM provides different monitor arm, to enhance ergonomics in the working area.

Part number	Product description
87030000/NC	SHORT MONITOR ARM, WITHOUT CABLES
87030000	SHORT MONITOR ARM, WITH CABLES*

Standard cables : SVGA + Video cable + Powe supply cable

HDMI cable: please specify this request in your order.



MONITOR ARM CLAMPS

G.COMM provides different clamp diameters to assure maximum versatility.

Part number	Product description
87010013	CLAMP FOR MONITOR ARM Ø=45 mm
87010014	CLAMP FOR MONITOR ARM Ø=50 mm
87010022	CLAMP FOR MONITOR ARM Ø=55 mm
87010036	CLAMP FOR MONITOR ARM Ø=60 mm
87010046R	CLAMP FOR MONITOR ARM Ø=65 mm

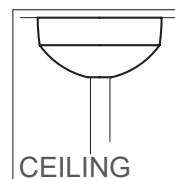


KIT MONITOR ARM FOR CEILING INSTALLATIONS

G.COMM monitors can be installing on a ceiling mount pole thanks to the following kit.

The ceiling mount monitor arm kit includes:

- short pole
- clamp (standard diameter 50 mm)
- short monitor arm



Part number	Product description
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87050000	MONITOR ARM FOR CEILING APPLICATION WITH SHORT POLE AND CLAMP
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The standard diameter of the clamp is 50 mm; if you require another diameter, please specify it in the order.



MONITOR NEOVO MEDICAL 22'

- LED panel TN technology 21.5"
- Resolution max 1920x1080
- Optical glass NeoV™
- Durable metal casing
- Quick response time - 3ms
- Dynamic contrast ratio 20.000.000:1
- Inputs S-Video e CVBS
- Video input DVI for maximum signal quality

Part number	Product description
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87520000DR	NEOVO MEDICAL MONIOR - 22'
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MONITOR & ACCESSORIES



STRAMING / RECORD ACCESSORY - iV Box

Manage the record sessions and save them in the device hard disk in a **quick and intuitive** way.

- USB 2.0 port: external storage + internal 2.5" SATA 250Gb
- Input: max: 1080p 60
- Recording: max: 1080p 30
- Recording format: MP4 (codec: H.264, AAC)
- Network: Ethernet LAN (10/100 Base-T)4

Part number	Product description
87520022	iV BOX
875200016	DIGITAL VIDEO RECORDER SUPPORT



HDMI SPLITTERS

Interface AV: HDMI
Standard interface: HDMI 1.4
Band width: 10.2G
Maximum resolution: 3840x2160@60Hz 4:2:0 8bit
Support HDCP: 1.4
Audio Support: Passing

Part number	Product description
87520002	HDMI SPLITTER 1xIN - 2xOUT
87520002/4	HDMI SPLITTER 1xIN - 4xOUT



PROFESSIONAL CONVERTER SDI/HDMI

Input: 1x SDI
Output: 1xHDMI
Input / output resolution: MAX 1080p @60
Bit rate up to 2.97 Gb/s

The signal is transmitted through a coaxial cable of 75 Ohm with a BNC connector

Part number	Product description
87520020	SDI/HDMI CONVERTER



EXTENDER HDMI/LAN

Cat5/Cat6

This device can extend data transmission up to **100mt** from the source, without any downgrading of video signal.

Part number	Product description
87520011	EXTENDER RECEIVER / TRANSMITTER HDMI/LAN 100mt - WITHOUT CABLES
87520019	EXTENDER RECEIVER HDMI/LAN 100mt - WITHOUT CABLES



EXTENDER HDMI/LAN + COMPLETE RECORDING SYSTEM

The solution for the video distribution on IP includes encoders e decoders. They can extend or record up to 1080p @60 video and audio on a standard IP nrt.

The encoder handles streaming or record audio and video of high quality and uses the standard of video compression of H.264. on every device or PC wich supports the requested net protocols. It can also record on a shared net or a NAS.

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Part number	Product description
87520012	EXTENDER HDMI/LAN FOR A LOCAL NET WITH FULL HD RECORDING FUNCTION (trasmitter + receiver)



VIDEO SIGNAL STREAMING SYSTEM

Device for the creation of a STREAMING VIDEO system.

Input Interface: HDMI x1
Support input resolution up to 2048x2160 pixels
Host Interface
USB 3.0
Video:
8-bit video processing
Deinterlace - Cropping - Color Adjustment
Color Space Conversion - Up/down Conversion

Part number	Product description
87520021	Magewell USB Capture HDMI Gen 2



HYGIENE & SANITIZATION

FOR EVERYDAY, COMPLETE CLEANING



SafeYou



G.COMM

FAST STERILIZER AND CLEANER



Safe for the operator

Inactivates pathogenic microorganisms on simple contact.
Odourless; generates no fumes or irritating vapours.
Accidental contact does not cause irritation.
NON-TOXIC.



Rapid action

Sterilizes in 60" and cleans in a few minutes.



Compatible with materials

Inhibits oxidation.
Does not undermine the integrity of the instruments.



Environment-friendly

The exhausted solution complies with the regulatory limits for discharge into the sewer system.

SafeYou



STERILIZING SPRAY FOR SURFACES - DS34

It **sterilizes** in 5 seconds surfaces and devices,
prevents cross contamination and fully protects professionals and patients.

Medical Device Class IIb

- IT DOES NOT BREAK NOR ERODE PLASTICS, IT DOES NOT DAMAGE SURFACES.
- SAFE FOR PROFESSIONALS AND PATIENTS
 - . It does not generate toxic fumes
 - . It does not provoke skin reactions

Part number	Product description
C-1400	DS34 Sterilizing Spray solution + dispenser





G.COMM

Lighting solutions
CATALOGUE
2021

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