DENTAL LED LIGHT

Warranty 24 months**

TECHNICAL FEATURES

Weight: 1,9 Kg (light arm not included)
Power supply: 17-24 Vac
Power consumption: 20W
Dimension of Pattern: 70x140 mm
Light Intensity: 8.000 - 35.000 lux
Colour Temperature: 4.200-6.000 K
Colour rendering index (CRI): >85

In conformity with directive:
93/42 CEE class 1
Applicable Norm: UNI EN ISO9680,
CEI_EN 60825-1;
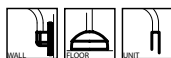CEI EN 60601-1; CEI EN 60601-1-2; UNI
CEI EN ISO 14971
Technical features have a tollerance
of +/- 10%

Available colours:
**RAL 9010, RAL 9006, RAL 9005,
RAL 9016, RAL 9002, RAL 9003...**

** for more information about waranty see page 84

DENTAL LIGHT with arm 1470 mm (on request 1670 mm)

86710000	DENTAL LIGHT POLARIS SWITCH
86SM0000	DENTAL LIGHT POLARIS SENSOMATIC
86710000M3	DENTAL LIGHT POLARIS SWITCH, 3rd AXIS Mov.
86SM0000M3	DENTAL LIGHT POLARIS SENSOMATIC, 3rd AXIS Mov.
86660000	DENTAL LIGHT POLARIS SWITCH, FOR CEILING APPLICATION
86SC0000	DENTAL LIGHT POLARIS SENSOMATIC FOR CEILING APPLICATION
86660000M3	DENTAL LIGHT POLARIS SWITCH, FOR CEILING APPLICATION, 3rd AXIS Mov.
86SC0000M3	DENTAL LIGHT POLARIS SENSOMATIC, 3rd AXIS Mov., FOR CEILING APPLICATION
86H1000000	POLARIS LIGHT HEAD SWITCH
86H1100000	POLARIS LIGHT HEAD SENSOMATIC
86H2000000	POLARIS LIGHT HEAD SWITCH, 3rd AXIS Mov.
86H2100000	POLARIS LIGHT HEAD SENSOMATIC, 3rd AXIS Mov.

WALL FLOOR UNIT

CEILING

info@gcomm-online.com

SPARE PARTS

86.H000.0003SP	LEDs assembly with dissipator including reflectors
86.E000.0017	Left Handle & Right Handle including handle cover 86.E000.0020
86.E000.0020	Handle Cover only
86.E000.0006	Protection screen

COLOUR TEMPERATURE REGULATION
through a regulation system (**G.Comm** patented) it is possible to adjust the colour temperature from 4.200 K to 6.000 K in order to improve the contrast on soft tissues.
LIGHT INTENSITY
it is possible to adjust illuminance from 8.000 to 35.000 lux, as a function of the specific application, reducing eyestrain.
SCIALITIC EFFECT
the clear geometry of reflectors, in combination with each LED source, allows to realize a luminous flux which is homogeneous, clean and without shadows.
*LOW CONSUME and HIGH LIFETIME*
The low values of current and voltage (< 20 W), required to supply the light source, minimize the heat production, making the fan cooler not necessary. LED lifetime is higher than halogen light.
ABSENCE OF UV AND INFRARED RAYS
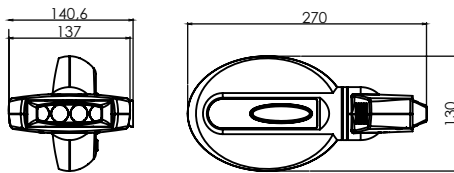Polaris doesn't generate UV rays, dangerous for biological tissues.
NOISE ABSENCE

ARM PIVOT:
standard size for unit mount 35mm,others sizes available on request, call us for more information
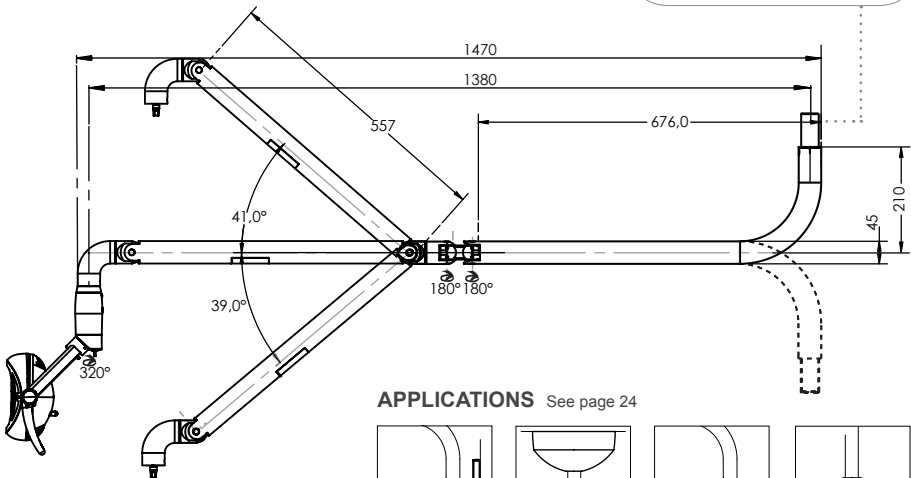
APPLICATIONS See page 24

WALL   CEILING   UNIT   FLOOR

CORE WHITE

86.L100.0000	Core White only for Polaris

TECHINICAL FEATURES

Weight: approx. 800g
Power supply: 17-24Vac
Maximum power consumption: 30VA
Current consumption: 1.5A
Light pattern: 80x20mm
Light source: 4LEDs (3.5W each)
Emission spectrum: 420-480nm
Maximum light power emitted: 2000mW
Maximum distance from patient: 10cm

140,6
137
270
130

Core white is a bleaching light system easily to be applied directly to POLARIS removing a handle.
Through LED technology is possible to get the desired light intensity for different operation purposes.
No external supports, make the operation area free from any obstruction.

MIRROR AND FILTER

86.C102.0000	mirror and anti-polymerization filter kit

The need of a visual communication between operator and patient has lead to the creation of a pull-out MIRROR for POLARIS, allowing the patient to follow the treatment.
The ANTI-POLYMERIZATION FILTER is another example of kind attention towards the patient.
This filter is easily interchangeable with the MIRROR through a simple dap joint device.
The purpose of this accessory is to reduce spectrum of light emission avoiding activation of the composite, even with the maximum light intensity.
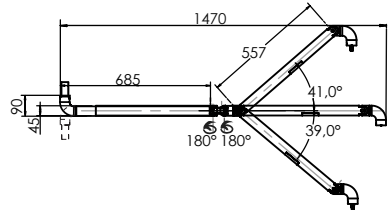
info@gcomm-online.com
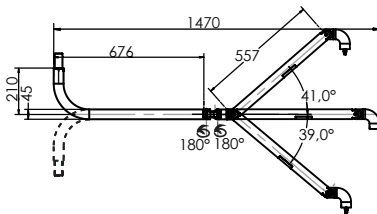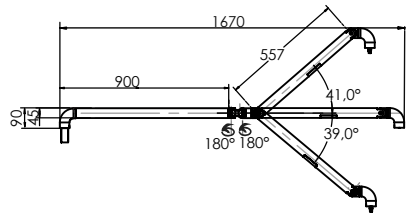
APPLICATIONS

LIGHT ARM

86460000/F	1470 mm unit standard arm
86570000	1470 mm ceiling standard arm

86460000P	1470 mm unit bended arm
86570000P	1470 mm ceiling bended arm

86460000FL	1670 mm unit long arm

FLOOR APPLICATION

| 82120010	floor application
82120001	floor column
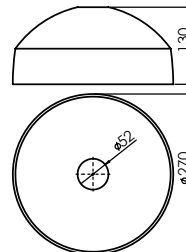
CEILING APPLICATION
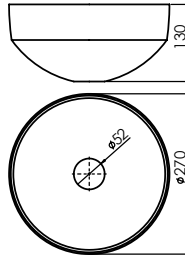
82100005/12V	ceiling application with transformer 12V included
82100005/24V	ceiling application with trasformer 24V included (polaris version)
82100011/12V	ceiling application with adjustable plates and transformer 12V included
82100011/24V	ceiling application with adjustable plates and transformer 24V included (polaris version)
82110001	ceiling column Ø=50mm L=135cm
82110002	ceiling column Ø=50mm L=165cm

Adjustable angle plate
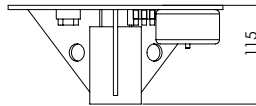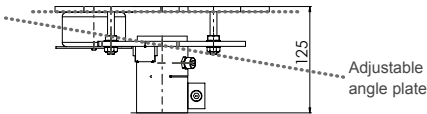
82100011	ceiling application with adjustable plates without transformer

82100005	ceiling application standard without transformer

WALL APPLICATION
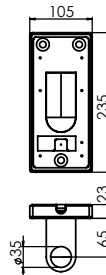
82090000	wall mount (235mm x 105mm)
39010007	transformer 230/12V
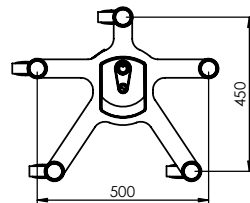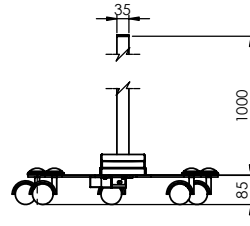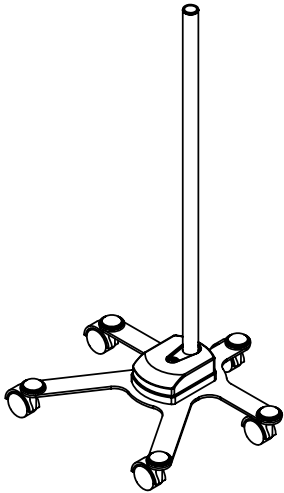
TROLLEY APPLICATION

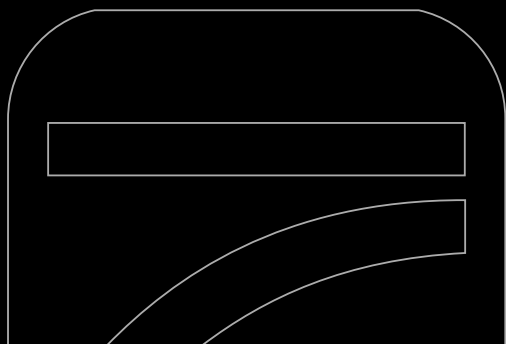| 83010000	trolley on 5 wheels Including: pole h=1000 mm - Transformer 230 Vac

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