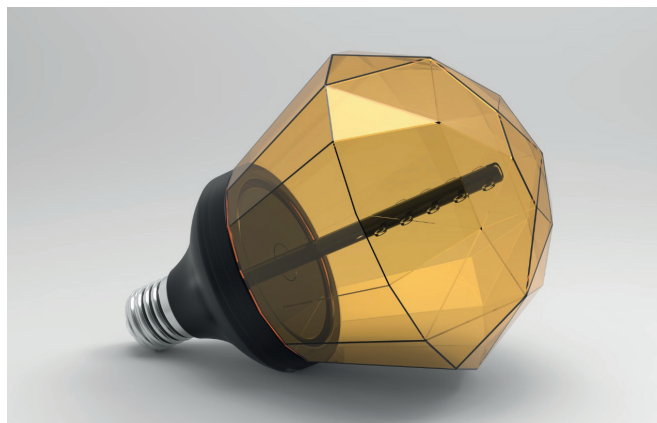




SKU

V-PE-EU

Vinci Pearl 2.0

GENERAL

Product name

Vinci Pearl 2.0

Description

Data-Over-Power controlled led bulb with filament and RGB base

ELECTRICAL

Voltage

220-240VAC / 50 Hz

Power

6,25W

Working temperature

Ta: -20° to 45° C

Safety

Integrated fuse

Life expectancy

+15 K hours

Max bending radius

Vertical: 500mm, Horizontal: 500mm

PROTOCOL

Data Protocol

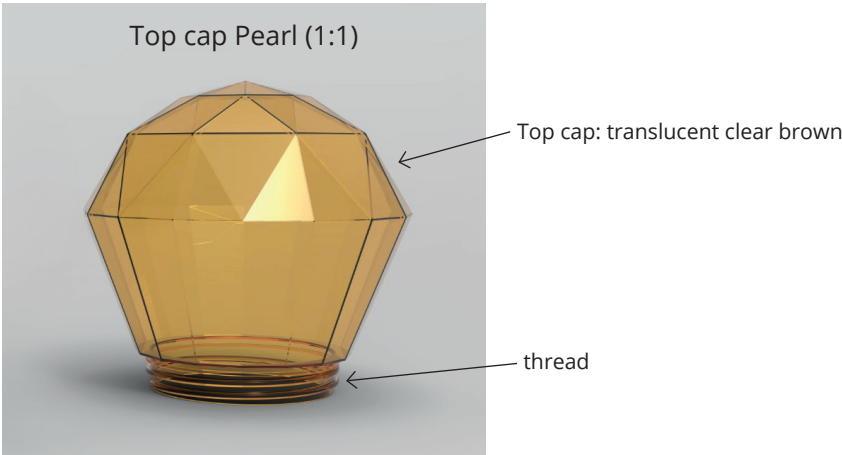
Proprietary Lucenti Data Over Power protocol (DOP)
This is our own powerline protocol that allows control of 128 (4ch) bulbs at a framerate of 25Hz

Controller

Use Lucenti Vinci controllers to control the bulbs

FEATURES

Addressing	Easy addressing function – see Vinci controller specs
Replaceable Covers	Covers can be removed by unscrewing them from the base. • Easy access to electronics for service • Replace damaged covers • Replace with different cover type



Retrofit	Can be used with standard socket wires, consult “Vinci sytem documentation” for recommended wiring topologies
Static color	A fixed color can be saved inside the bulb. The bulb will light up with this color when there is no Vinci Controller present

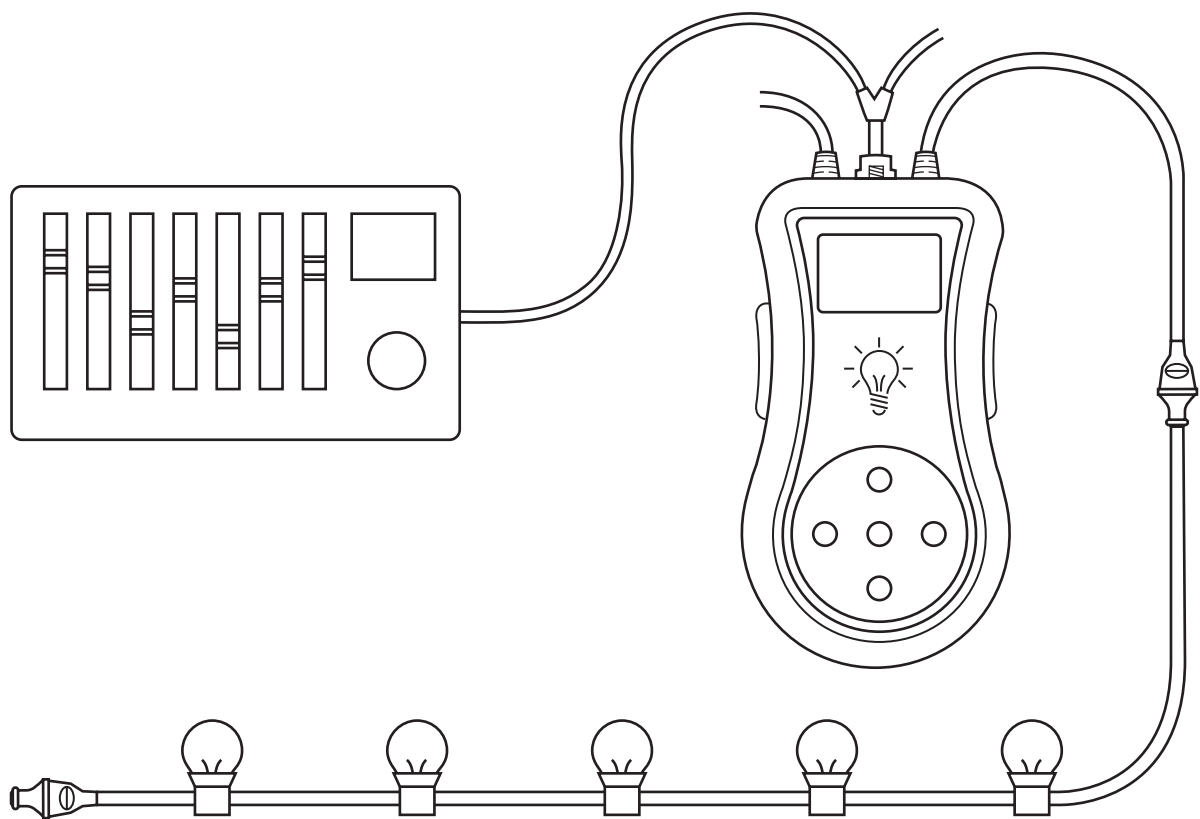
COLORIMETRY

Luminous flux (lumen +-20%)	Legacy model	New model (Pearl v2.0)
- Red	1,5	5,6
- Green	1,9	15
- Blue	0,28	4
- Filament	66	154
Filament CCT / CRI	2100 +- 200K / Ra>90	

MECHANICAL

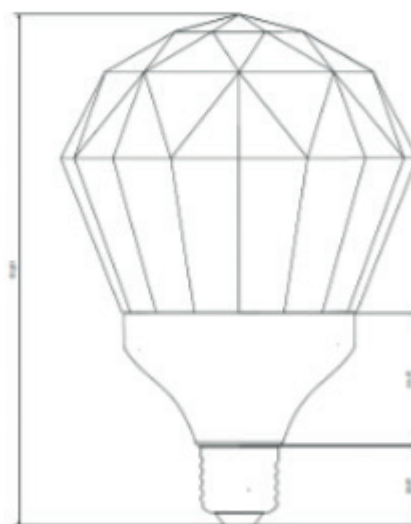
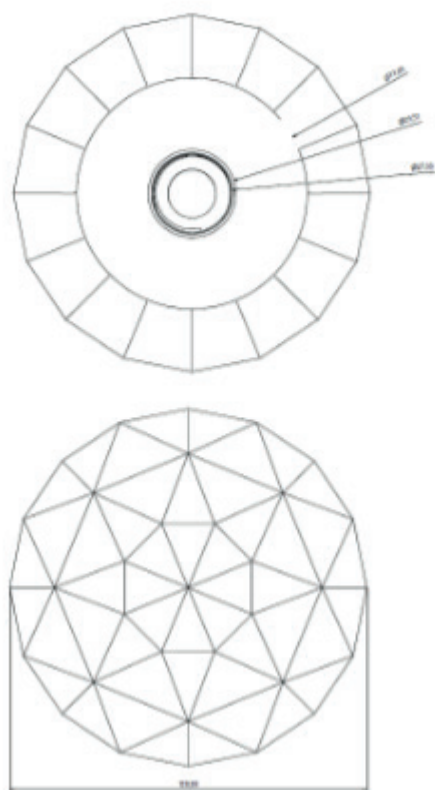
Cover shape	Diamond shape
Finish	Transparent, light brown finish
Lamp base	E27
IP rating	IP65
Dimension	± 172 x 120 x 120 mm
Weight	125 g
Material	Top Cover: PC, bottom: PBT with integrated aluminium shell, bottom screw base: steel with nickel layer and glass

TYPICAL CONNECTION



DMX controlled Vinci system

Certification	CE
Weight	
packaging	cardboard box: 130 x 130 x 170 mm



OTHER TOP COVERS

These other types of covers can be fitted on the Pearl base replacing the standard Pearl top cover

SPHERE



Dimension base + cover (l x w)

180 x 110 mm

ROCK



Dimension base + cover (l x w)

174 x 80 mm

NOVA



Dimension base + cover (l x w)

218 x 144 mm

FUTURE MODELS

Other models will become available later. These will have larger top covers compared to the Pearl. They will also use a base with a large filament holder. That's why these covers are not compatible with the Pearl base.

STRATOS



Dimension base + cover (l x w)

292 x 77 mm

PETAL



Dimension base + cover (l x w)

333 x 79 mm

DROPLET



Dimension base + cover (l x w)

332 x 288 mm