



## Product Specification Sheet

### **BuzziPleat Light 100-240V/277V**

— By 13&9 Design

#### **Sculptural pendant enfolds silence and light**

BuzziPleat, a dynamic series of acoustic solutions by 13&9, delivers sound control with architectural edge. Traditional fashion design techniques, like smocking and pleating, are reinterpreted with sound-absorbing BuzziFelt to create large architectural folds, which maximize surface to deliver exceptional acoustic performance. The suspended BuzziPleat Light configuration marries sound control and illumination. It is equipped with BuzziSol, a powerful LED light source. The dimmable warm light gives BuzziPleat an even greater sense of depth.



# The Family

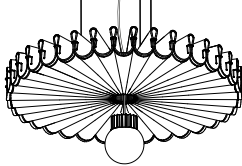
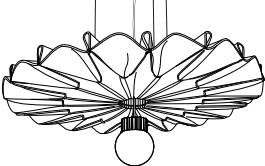
## Models

BuzziPleat Light Edel

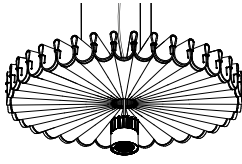
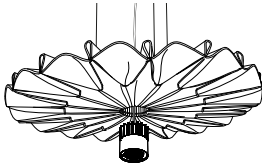
BuzziPleat Light Edel Long

BuzziPleat Light Ripple

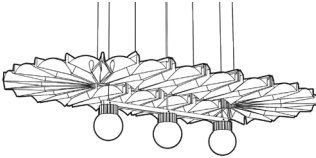
Sol Solo Globe



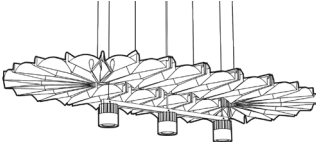
Sol Solo Spot



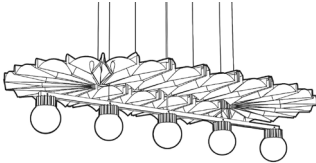
Sol Trio Globe



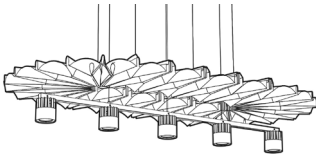
Sol Trio Spot



Sol Quintet Globe



Sol Quintet Spot



Lighting Units

Required order information

1. Model
2. Size
3. BuzziFelt Color
4. Option Extra Layer BuzziFabric
5. Light Option
6. Mounting System
7. Color Lace



# Lighting Data

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## Lighting Units

### BuzziSol Globe



BuzziSol collection are suspended LED fixtures consisting of 1, 3 or 5 powder-coated black heatsinks with LED chip on board (COB) light sources.

The product can be finished with a frosted glass globe diffuser which spreads the light in a large beam angle of 170°, enlighting the surroundings or reflector spot adaptors directing the light with a beam angle of 38° downwards.

### Spot



# Lighting specifications

## BuzziPleat Light Edel Medium | Small

Lighting Unit	Voltage	Wattage	Light Output Luminaire	Efficacy (Lm/W)	CRI	Dimming	Color Temperature	UGR	Standard (stock) On request (>LT)	Color Power Cable	Color Ceiling Canopy	Color Lace	Fabric Collection	Fabric Color	Mounting Option
Sol Solo Globe	110-240V/277V	32W	1500 Lm	46,8	90	1-10V	3000K	23	Standard	Black	Black	OffWhite or Black	Use color codes below	Use color codes below	3 cables of 78.74" Alu or Black 3 cables of 196.85" Alu or Black
Sol Solo Spot	110-240V/277V	32W	1500 Lm	46,8	90	1-10V	3000K	12	Standard	Black	Black	Black	Use color codes below	Use color codes below	3 cables of 78.74" Alu or Black 3 cables of 196.85" Alu or Black

## BuzziPleat Light Ripple Medium | Small

Lighting Unit	Voltage	Wattage	Light Output Luminaire	Efficacy (Lm/W)	CRI	Dimming	Color Temperature	UGR	Standard (stock) On request (>LT)	Color Power Cable	Color Ceiling Canopy	Color Lace	Fabric Collection	Fabric Color	Mounting Option
Sol Solo Globe	110-240V/277V	32W	1500 Lm	46,8	90	1-10V	3000K	23	Standard	Black	Black	OffWhite or Black	Use color codes below	Use color codes below	3 cables of 78.74" Alu or Black 3 cables of 196.85" Alu or Black
Sol Solo Spot	110-240V/277V	32W	1500 Lm	46,8	90	1-10V	3000K	12	Standard	Black	Black	Black	Use color codes below	Use color codes below	3 cables of 78.74" Alu or Black 3 cables of 196.85" Alu or Black

## BuzziPleat Light Edel Long Medium

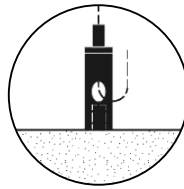
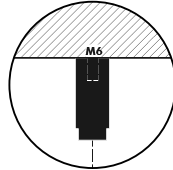
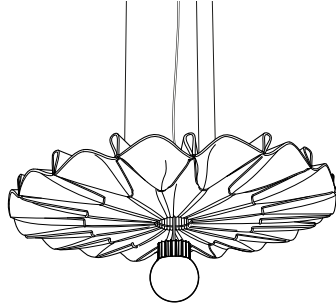
Lighting Unit	Voltage	Wattage	Light Output Luminaire	Efficacy (Lm/W)	CRI	Dimming	Color Temperature	UGR	Standard (stock) On request (>LT)	Color Power Cable	Color Ceiling Canopy	Color Lace	Fabric Collection	Fabric Color	Mounting Option
Sol Trio Globe	110-240V/277V	60W	3 x 1500 Lm	75	90	1-10V	3000K	23	12	Black	Black	OffWhite or Black	Use color codes below	Use color codes below	4 cables of 78.74" Alu or Black 4 cables of 196.85" Alu or Black
Sol Trio Spot	110-240V/277V	60W	3 x 1500 Lm	75	90	1-10V	3000K	12	12	Black	Black	Black	Use color codes below	Use color codes below	4 cables of 78.74" Alu or Black 4 cables of 196.85" Alu or Black
Sol Quintet Globe	110-240V/277V	90W	5 x 1500 Lm	83	90	1-10V	3000K	23	12	Black	Black	Black	Use color codes below	Use color codes below	4 cables of 78.74" Alu or Black 4 cables of 196.85" Alu or Black
Sol Quintet Spot	110-240V/277V	90W	5 x 1500 Lm	83	90	1-10V	3000K	12	12	Black	Black	Black	Use color codes below	Use color codes below	4 cables of 78.74" Alu or Black 4 cables of 196.85" Alu or Black



# Product Data

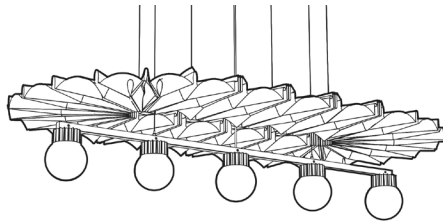
## Fixing System

### Fixing System Acoustic Panel



BuzziPleat Light Edel and Ripple are suspended on 3 cables of 78.74" or 196.85" black or alu colored cables, with fixing system screw.

BuzziPleat Light Edel Long is suspended on 4 cables of 78.74" or 196.85" black or alu colored cables, with fixing system screw.



### Fixing System Lighting

The light element of BuzziPleat Light Edel Long is suspended independently from the acoustic panel with 2 cables of 78.74" or 196.85" black or alu colored cables, with fixing system screw.

⚠ If installing on suspended ceiling, verify load capacity prior to installation. Ensure a min distance of 3.94" between the felt shade and the LED luminaire.

## Acoustic Panel



The acoustic panel consists of one layer of BuzziFelt, with an OffWhite or Black lace. The lightweight sculptural shade is created by pleating or smocking sound absorbing BuzziFelt. The architectural folds maximize surface area, delivering exceptional acoustic performance.



Absorption



Diffusion



Mid tone

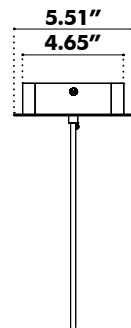
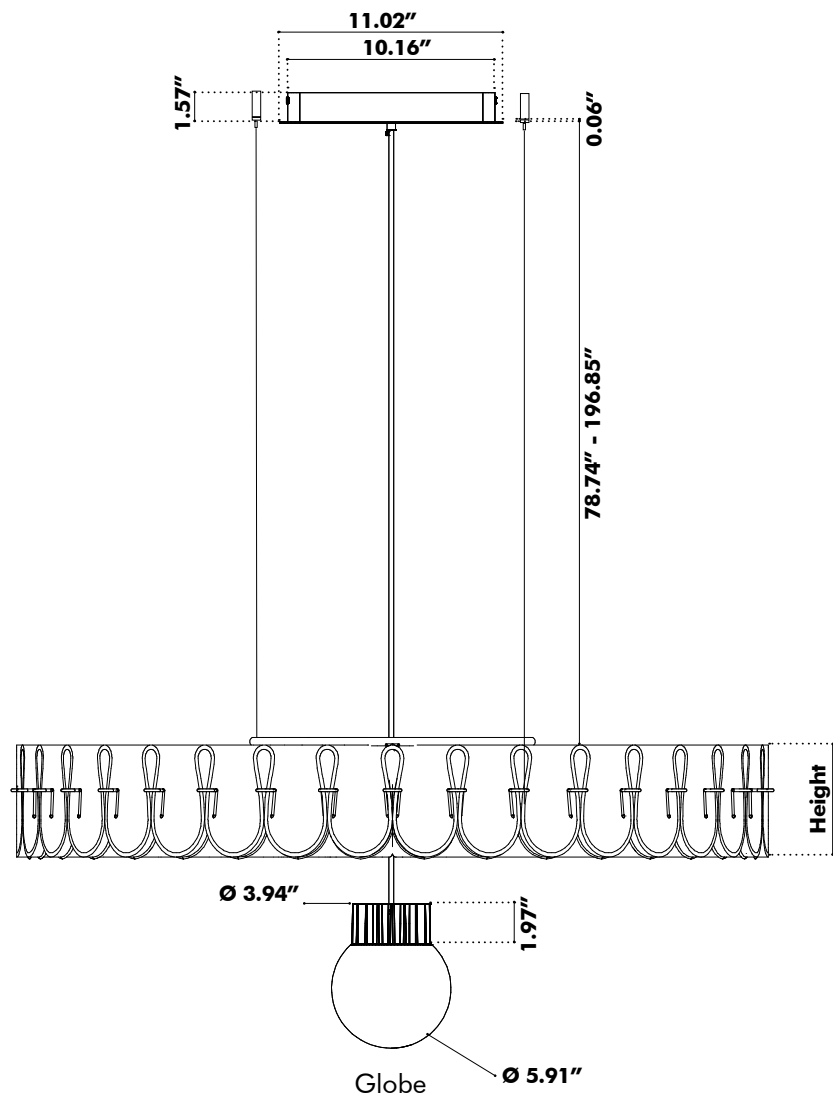


High tone

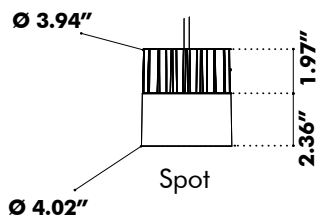
Optional: an extra layer of BuzziFabric can be added on 1 side (only in combination with OffWhite or Anthracite Felt).

# Dimensions

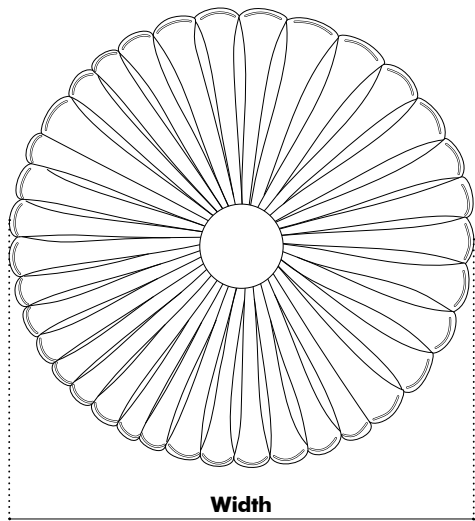
## BuzziPleat Light Ripple



Height	M	13 cm
	L	19,5 cm



Width	M	Ø 100 cm
	L	Ø 150 cm



# Fabrics

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## Felt

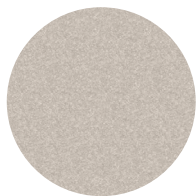
**Composition** 100% Recycled P.E.T. Felt, latex backing

**Weight** 1.000 g/m<sup>2</sup> | 29.49 oz/yd<sup>2</sup>

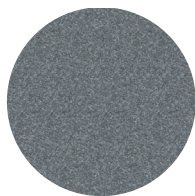
**Abrasion resistance** >7.000 Martindale

**Flammability** EU: EN 13501.1 + A1/2009 Class B-s1,d0  
USA: ASTM E84 Class A certified

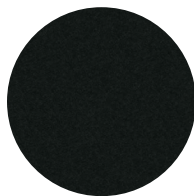
**Fastness to light** USA 5



FE-OffWhite 63\*



FE-StoneGrey 67

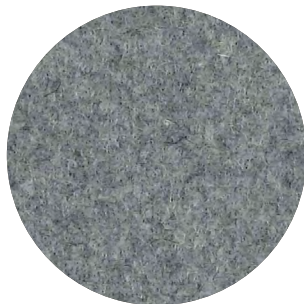


FE-Anthracite 68\*

\*Extra layer BuzziFabric Possible

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## Fabric (45 colors)



**Category A**

**Composition** 70% Recycled Wool, 25% Recycled Polyacryl,  
5% Recycled Other Fabrics

**Weight** 405 g/m<sup>2</sup> | 11.94 oz/yd<sup>2</sup>

**Abrasion resistance** 40.000 Martindale, 50,000 Wyzenbeek

**Flammability** EU: EN 1021.1/2006 | BS EN 1021.1/2006 (cigarette).  
EN 1021.2/2006 | BS EN 1021.2/2006 (match)

USA: CAL TB 117 | ASTM E84 CLASS A

**Fastness to light** EU: 4 | USA 4

**Fastness to rubbing** EU: Wet 3-4 | Dry 4-5

**Fastness to crocking** USA: Wet 5 | Dry 5

