



# Product Specification Sheet

## **BuzziBell 230V**

— By Chris Hardy

### **Acoustical lighting solution**

Stretching the BuzziFelt to its limits, BuzziBell is recognized by the harmonious curve of its bell-shape. Its design adds softness to a room with the textural look of felt and a delicate, diffused light source or high performance LED engine. BuzziBell is offered in the 10 BuzziFelt colors, has a metal feature and will be CE and UL listed. BuzziBell makes a statement in offices, restaurants, hotels, institutions and residences.

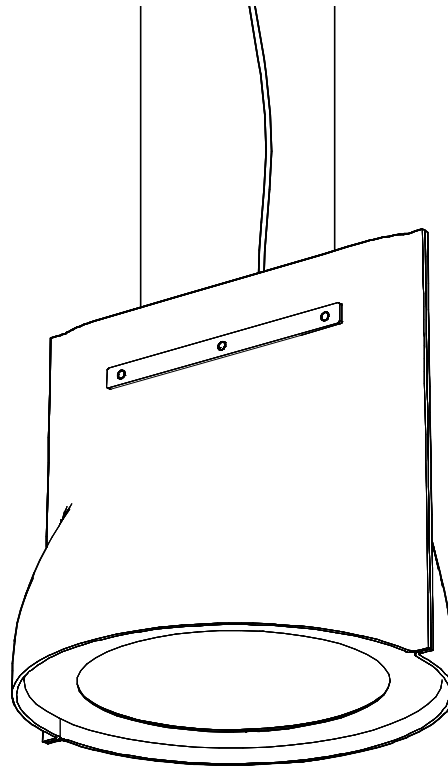


# The Family

**Model  
BuzziBell**

**Lighting Unit**

**LED Disk Ø 470**



---

Required order information

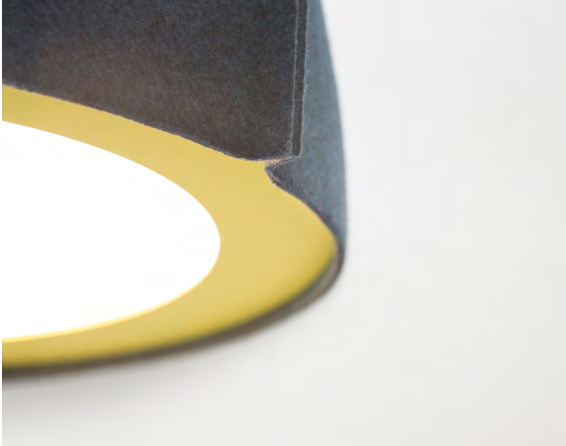
1. BuzziFelt Color
2. Color Frame

# Lighting Data

---

## Lighting Unit

LED Disk Ø 470



The Milky PMMA diffuser (UGR 22) ensures an optimal light spread and efficiency. It creates a very diffuse light surface without any dottiness. The light source of the BuzziBell is a LED PCB, containing 36 low power LED's.

**On Request: UGR 19**  
To achieve a UGR 19, the product is fitted with a Prismatic diffuser instead of a milky diffuser. LED dots will be visible.

# Lighting specifications

## BuzziBell

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 Metal Frame	Fabric Collection	Fabric Color	Mounting Option
LED Disk Ø 470	230V	35 W	2545 Lm	73	90	1-10V	3000K	22	Standard	Transparent	White	Black (RAL 9005) White (RAL 9010) or Fluo Yellow (RAL 1016)	Use color codes below	Use color codes below**	2 cables of 2 m black 2 cables of 2 m alu 2 cables of 4 m black 2 cables of 4 m alu
LED Disk Ø 470	230V	35 W	2545 Lm	73	90	1-10V	3000K	19*	On Request	Transparent	White	Black (RAL 9005) White (RAL 9010) or Fluo Yellow (RAL 1016)	Use color codes below	Use color codes below**	2 cables of 2 m black 2 cables of 2 m alu 2 cables of 4 m black 2 cables of 4 m alu
LED Disk Ø 470	230V	35 W	2545 Lm	73	90	1-10V	4000K	22	On Request	Transparent	White	Black (RAL 9005) White (RAL 9010) or Fluo Yellow (RAL 1016)	Use color codes below	Use color codes below**	2 cables of 2 m black 2 cables of 2 m alu 2 cables of 4 m black 2 cables of 4 m alu
LED Disk Ø 470	230V	35 W	2545 Lm	73	90	DALI	4000K	22	On Request	Transparent	White	Black (RAL 9005) White (RAL 9010) or Fluo Yellow (RAL 1016)	Use color codes below	Use color codes below**	2 cables of 2 m black 2 cables of 2 m alu 2 cables of 4 m black 2 cables of 4 m alu
LED Disk Ø 470	230V	35 W	2545 Lm	73	90	DALI	3000K	22	On Request	Transparent	White	Black (RAL 9005) White (RAL 9010) or Fluo Yellow (RAL 1016)	Use color codes below	Use color codes below**	2 cables of 2 m black 2 cables of 2 m alu 2 cables of 4 m black 2 cables of 4 m alu

\* To achieve a UGR 19, the product is fitted with a Prismatic diffuser instead of a milky diffuser. LED dots will be visible.

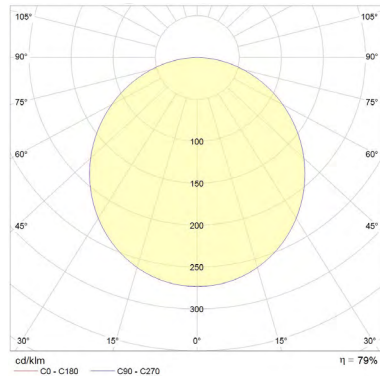
\*\* Not possible in Buzzifelt EcoBrown and Pink.



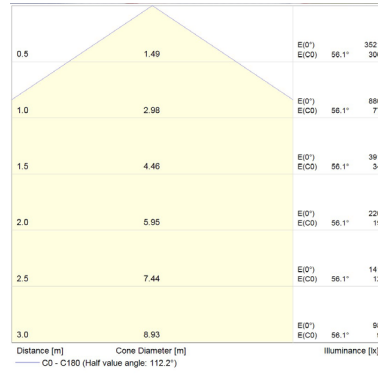
# Photometric Data

## BuzziBell LED Disk Ø 470

LED Disk Ø 470 Cartesian diagram



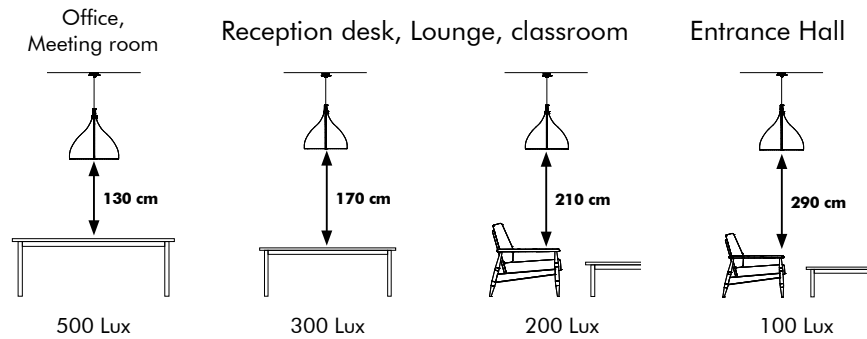
LED Disk Ø 470 Polar curve



## Tips and Tricks - Light Options

To enlight your workplace with optimal lux levels take following measurements into account:

### BuzziBell LED Disk Ø 470

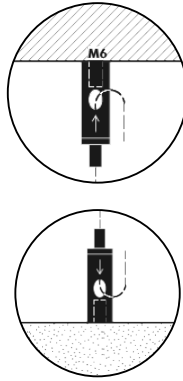
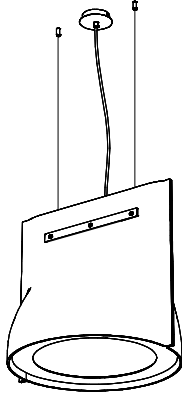


\* According to EN12464

# Product Data

## Fixing System

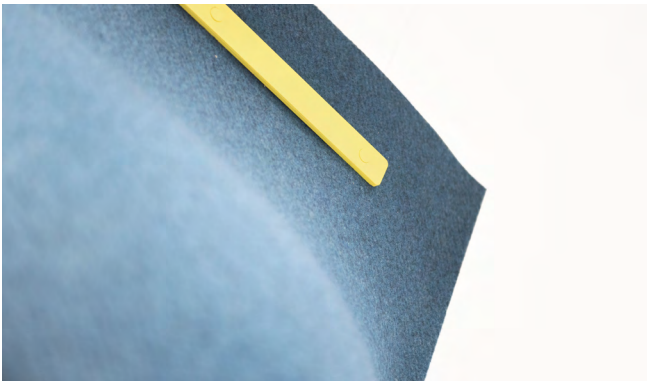
### Fixing System BuzziBell



BuzziBell is suspended on 2 cables of 2 or 4 m black or alu colored cables, with fixing system screw.

⚠ If installing on suspended ceiling, verify load capacity prior to installation.

## Acoustic Shade



The acoustic shade consists of one layer of thermoformed BuzziFelt.



Absorption



Diffusion



Mid tone

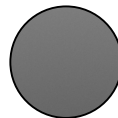


High Tone

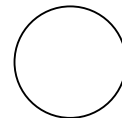
## Metal Frame



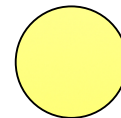
The powder coated metal frame is available in 3 colors:



Black  
(RAL 9005)



White  
(RAL 9010)



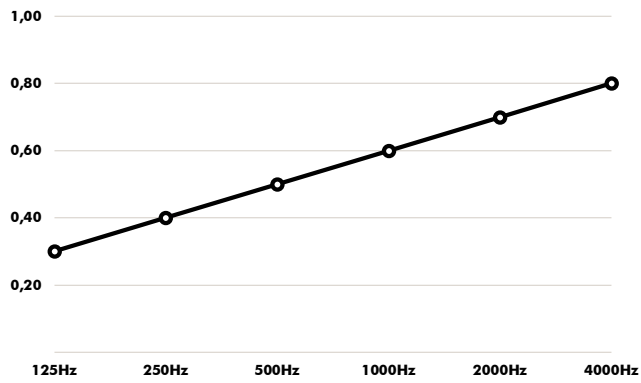
Fluo Yellow  
(RAL 1016)

---

# Acoustics

## BuzziBell

Equivalent sound absorption area in m<sup>2</sup> per object

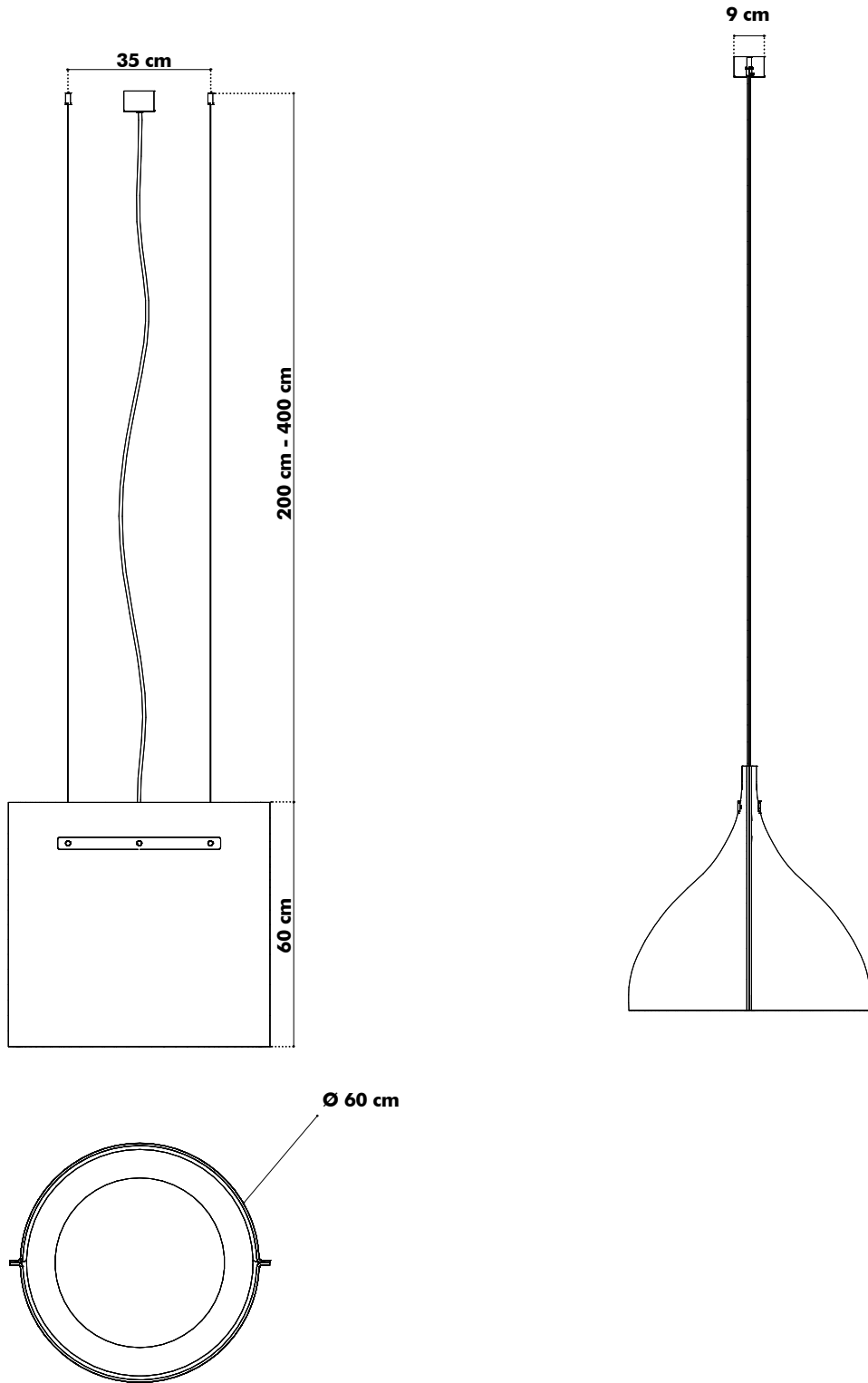


Hz	Aeq/m <sup>2</sup>
125	0,3
250	0,4
500	0,5
1000	0,6
2000	0,7
4000	0,8

---

# Dimensions

## BuzziBell




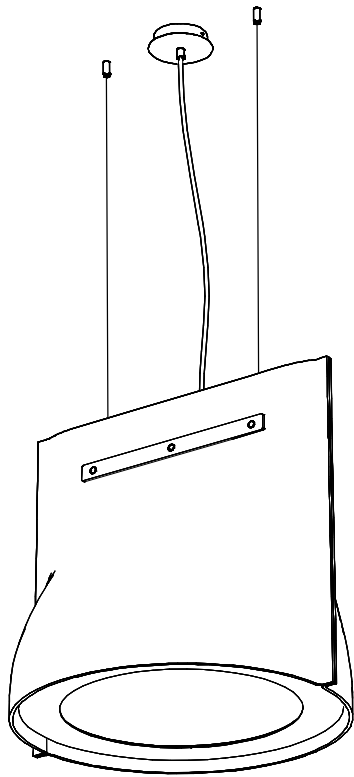


---

# Weights

## BuzziBell

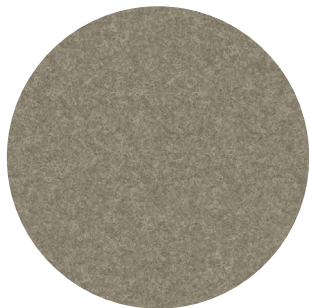
 11 kg



# Fabrics

---

## Felt\*



**Composition** 100% Recycled PE.T. Felt, latex backing

**Weight** 1.000 g/m2 | 29.49 oz/yd2

**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



\* Due to the process of thermoforming colors may vary slightly.  
Not available in EcoBrown or Pink.