Product Specification Sheet

BuzziDisk US

— By BuzziSpace Studio

An upholstered round LED panel

This elevated round LED panel features our signature upholstered body, which instantly adds a warm and colorful touch to any office. The functional lighting solution can be ceiling suspended or ceiling-mounted to liven up your workspace. BuzziDisk can also be made to order; configure the lighting solution to your needs based on the color lumen, temperature, dimming systems, and more.

The Family

Lighting Unit
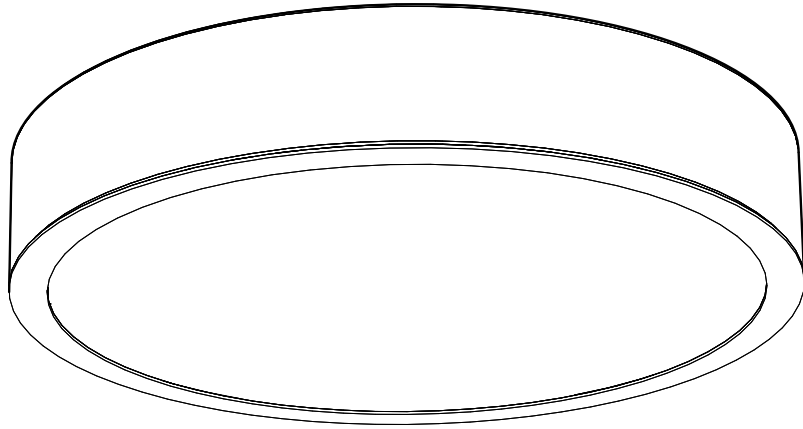
LED Disk Ø 450

Required order information
1. Mounting Option
2. Lighting Options
3. Fabric (CAT A -> Collection -> Color)

Lighting Data

Lighting Unit

LED Disk Ø 450

The light module can be finished with a Milky (UGR 22) or prismatic (UGR 19) PMMA diffusor.

The Milky diffusor (UGR 22) ensures an optimal light spread and efficiency. It creates a very diffuse light surface without any dottiness.

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

BuzziDisk Lighting options

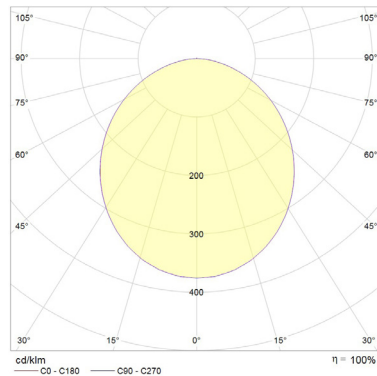| Lighting Options				Characteristics		Mounting
Voltage Input	**Color Temperature**	**UGR (Diffuser type)**	**Dimming**	**Technical**	**Visual**	**Options**
120V	3000K	22 (milky)	1-10V Dali	Power consumption: 35W Light output: 3170 Lm Efficacy: 91 Lm/W CRI: > 90	Color: Power Cable: Black Ceiling Canopy: Black	Ceiling Suspended Straight: 3 cables 78.74" | 196.85" Alu or Black Split: 1 cable splits in 3 78.74" | 196.85" Alu or Black
		19 (prismatic)*	1-10V Dali	Power consumption: 35W Light output: 3600 Lm Efficacy: 103 Lm/W CRI: > 90		
	4000K	22 (milky)	1-10V Dali	Power consumption: 35W Light output: 3400 Lm Efficacy: 97 Lm/W CRI: > 90		
		19 (prismatic)*	1-10V Dali	Power consumption: 35W Light output: 3660 Lm Efficacy: 105 Lm/W CRI: > 90		

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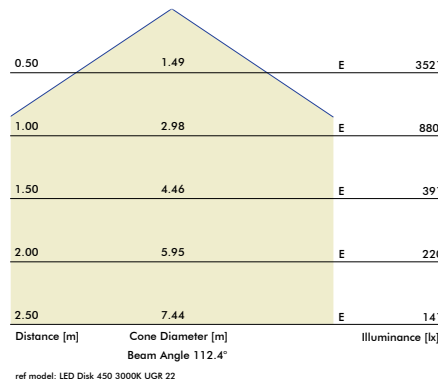
Photometric Data

BuzziDisk LED Disk Ø 450

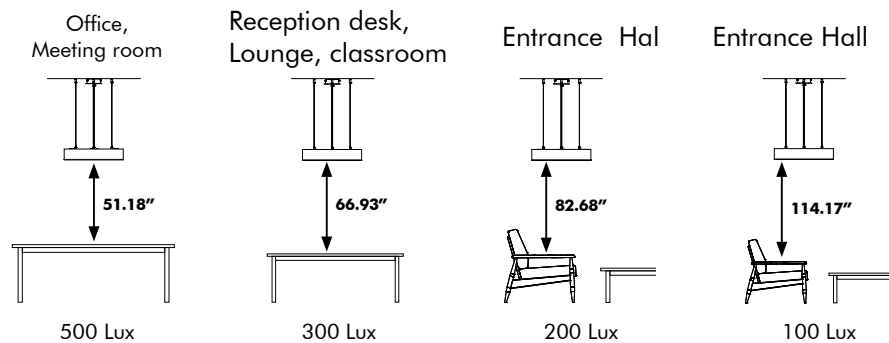**LED Disk Ø 450 Cartesian diagram**

105° 90° 75° 60° 45° 30° 15° 0° 15° 30° 45° 60° 75° 90° 105°

200
300
400

cd/klm   η = 100%
—— C0 - C180   —— C90 - C270

LED Disk Ø 450 Polar curve

Distance [m]	Cone Diameter [m]	Illuminance [lx]
0.50	1.49	E	3521
1.00	2.98	E	880
1.50	4.46	E	391
2.00	5.95	E	220
2.50	7.44	E	141

Beam Angle 112.4°

ref model: LED Disk 450 3000K UGR 22

Tips and Tricks - Light Options

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

BuzziDisk LED Disk Ø 450

Office, Meeting room	Reception desk, Lounge, classroom	Entrance Hal	Entrance Hall
51.18"	66.93"	82.68"	114.17"
500 Lux	300 Lux	200 Lux	100 Lux

* According to EN12464

Product Data
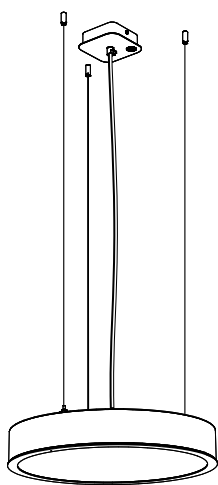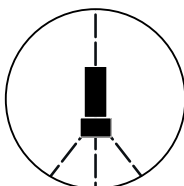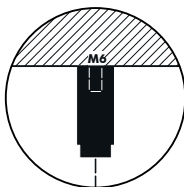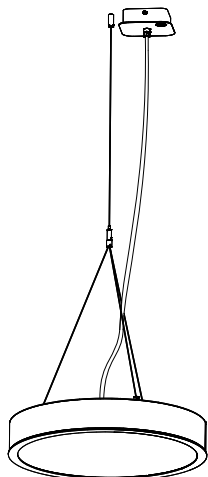
Fixing System

Ceiling Mounted
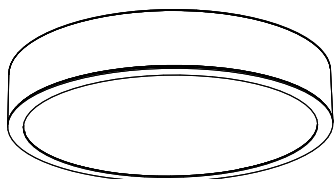
Ceiling Suspended Straight
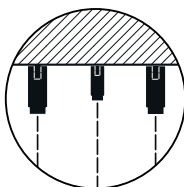
Ceiling Suspended Straight
Fixing System Screw with 3 cables of
78.74" or 196.85" (black or alu)
Min. distance of shade to ceiling is 3.94"

Ceiling Suspended Split

Ceiling Suspended Split
Fixing System Screw with 3 split cables and 1 main
cable, total length of 78.74" or 196.85"
(black or alu)
Min. distance of shade to ceiling is 19.69"

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

Upholstered Ring

The Light source is wrapped with an upholstered ring in Fabric, Trevira CS, Reflect or Arda.
The upholstered ring securely fits around the product with magnets for a sleek finish.
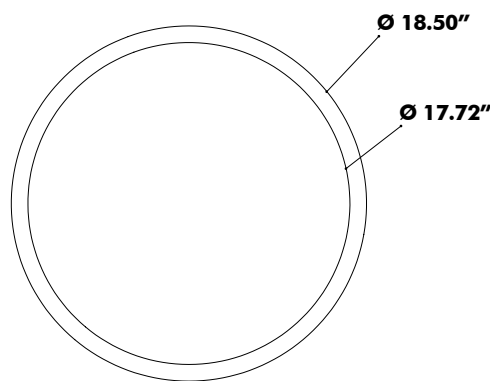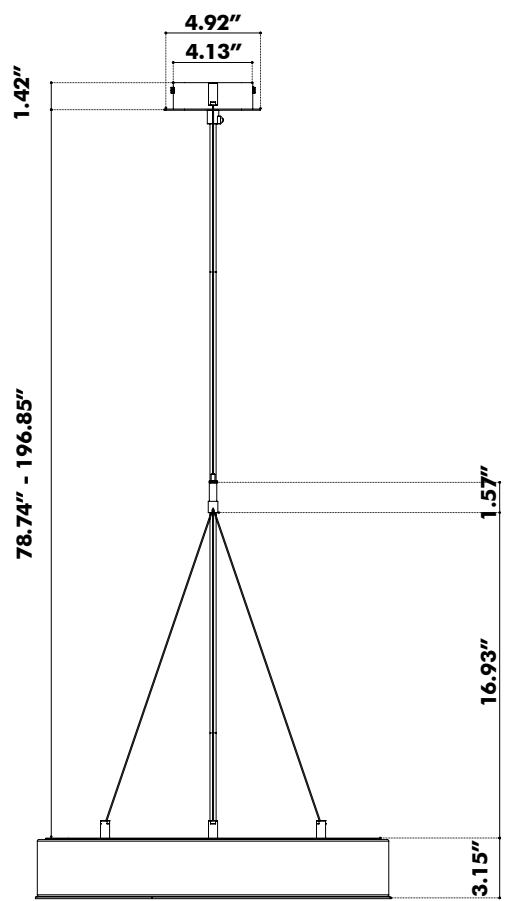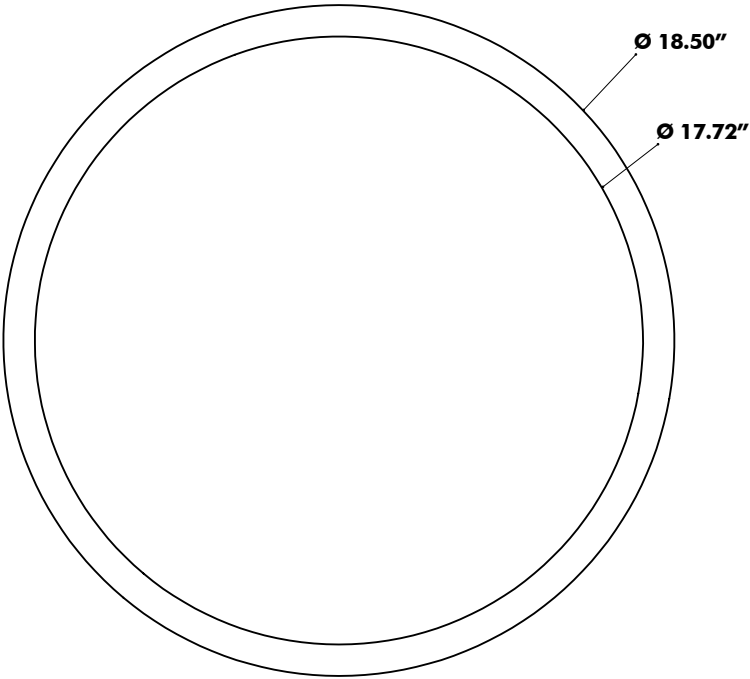
Dimensions

BuzziDisk Ceiling Suspended

Straight

Split
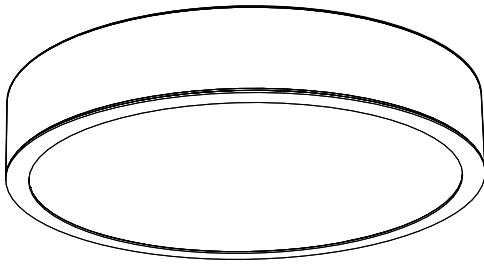

Straight view dimensions: 11.26″, 4.92″, 4.13″, 1.42″, 78.74″ – 196.85″, 3.15″

Split view dimensions: 4.92″, 4.13″, 1.42″, 78.74″ – 196.85″, 1.57″, 16.93″, 3.15″

Ø 18.50″

Ø 17.72″
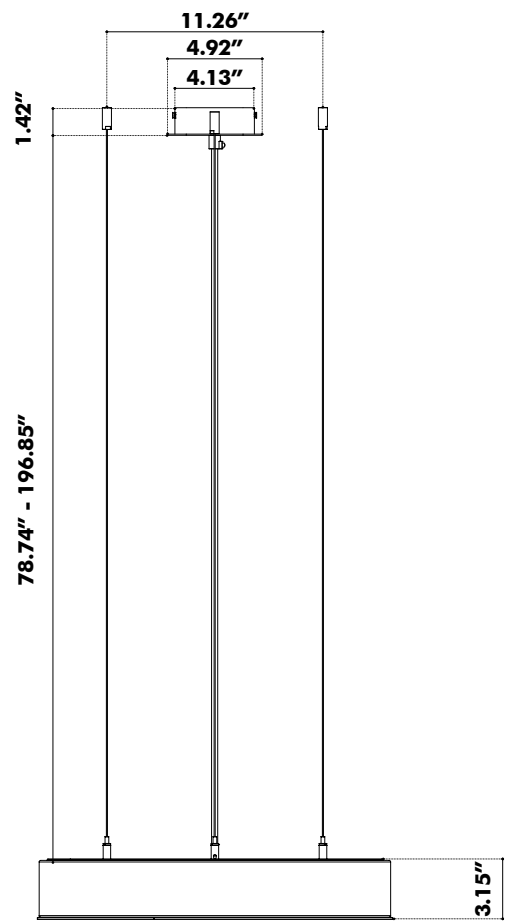
BuzziDesk Ceiling Mounted

3.15"

Ø 18.50"

Ø 17.72"
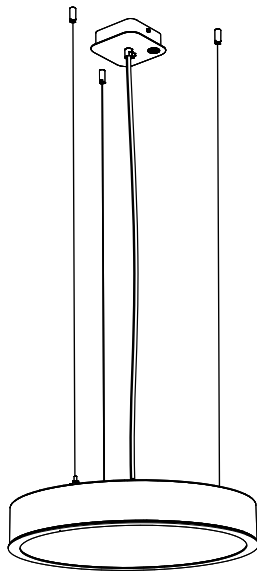
Weights

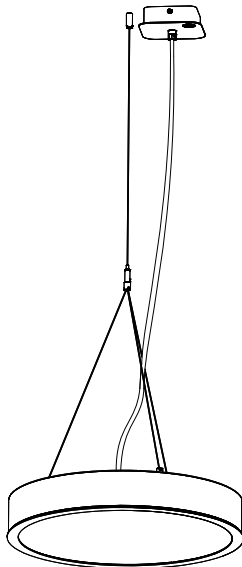**BuzziDisk Ceiling mounted**

⚖ 11.02 lbs

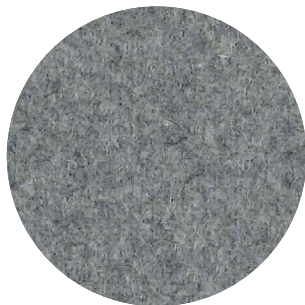**BuzziDisk Ceiling Suspended Straight**

⚖ 13.23 lbs

BuzziDisk Ceiling Suspended Split

⚖ 13.23 lbs

Fabrics

Fabric (45 colors)

Category A
Composition 70% Recycled Wool, 25% Recycled Polyacryl,
5% Recycled Other Fabrics
Weight 405 g/m^2 | 11.94 oz/yd^2
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)
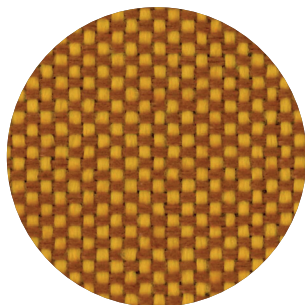USA: CAL TB 117 | ASTM E84 CLASS A
Fastness to light EU: 4 | USA 4
Fastness to rubbing EU: Wet 3-4 | Dry 4-5
Fastness to crocking USA: Wet 5 | Dry 5

Trevira CS (47 colors)

Category A
Weight 420 g/m^2 | 12.39 oz/yd^2
Composition 100% Polyester, Trevira CS
Abrasion resistance 100.000 Martindale, 90,000 Wyzenbeek
Flammability BS 5852 part II: CRIB 5 | BS 7176 Medium Hazard
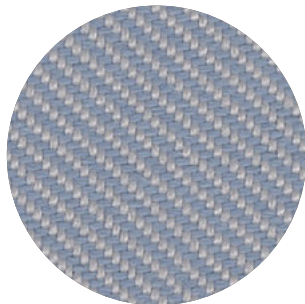USA: CAL TB 117 | M1 | B1 | EN 1021/1-2 |C1 |
IMO Res. A652 (16)
Fastness to light EU: 6 | USA 5
Fastness to rubbing EU: Wet 4-5 | Dry 4-5
Fastness to crocking USA: Wet 5 | Dry 5

Reflect (34 colors)

kvadrat

Category A
Weight 430 g/m^2 | 13.78 oz/yd^2
Composition 100% Post-consumer recycled polyester
Abrasion resistance 100.000 Martindale
Flammability AS/NZS 3837 class 1 | ASTM E84 Class A Unadhered
ASTM E84 Class B Adhered | BS 5852 crib 5 with treatment
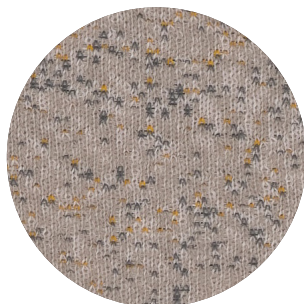BS 5852 part 1 with treatment | EN 1021-1/2 | US Cal. Bull. 117-2013
Fastness to light Note 5-7, ISO 105-B02
Fastness to rubbing EU: Wet 5-5 | Dry 5-5
Pilling Note 4, EN ISO 12945

Arda (12 colors)

Category E
Composition 70% new wool 21% polyester 9% nylon
Weight 800 g/lin. m | 25.8 oz/ly
Abrasion resistance
Approx. 50.000 Martindale rubs, EN ISO 12947
Flammability ASTM E84 Class A Unadhered | AS/NZS 3837 class 2 | BS 5852 part 1
BS 5852 crib 5 | DIN 4102 B2 | EN 1021-1/2 | IMO FTP Code 2010 Part 8
UNI 9175 1IM | US Cal. Bull. 117-2013
Fastness to light Note 5-8, ISO 105-B02
Fastness to rubbing Dry note 3-5 ISO 105-X12
Wet note 3-5 ISO 105-X12
Pilling Note 4, EN ISO 12945